

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
 Data File : BF115971.D
 Acq On : 3 Aug 2019 10:34
 Operator : HP/JU
 Sample : PB121947BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Manual Integrations
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mohammad
 8/8/2019 4:45:13 PM

Quant Time: Aug 05 01:27:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147037	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607984	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	329705	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	568468	20.00	ng	0.00
76) Chrysene-d12	14.03	240	412171	20.00	ng	0.00
87) Perylene-d12	15.50	264	373319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1044724	118.95	ng	0.02
7) Phenol-d6	6.50	99	1321121	119.22	ng	0.01
23) Nitrobenzene-d5	7.42	82	874875	83.06	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	372260	116.46	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1500141	85.22	ng	0.00
79) Terphenyl-d14	12.97	244	1634056	83.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	186311	41.988	ng	99
3) Pyridine	3.46	79	475590	38.369	ng	99
4) n-Nitrosodimethylamine	3.42	42	215056	43.965	ng	98
6) Aniline	6.52	93	551027	34.721	ng	92
8) 2-Chlorophenol	6.65	128	452713	46.611	ng	99
9) Benzaldehyde	6.40	77	247497	32.369	ng	99
10) Phenol	6.51	94	580901	44.514	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	438313	45.685	ng	97
12) 1,3-Dichlorobenzene	6.79	146	488050	43.480	ng	97
13) 1,4-Dichlorobenzene	6.87	146	495732	44.109	ng	99
14) 1,2-Dichlorobenzene	7.03	146	453541	43.826	ng	98
15) Benzyl Alcohol	7.00	79	391921	46.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	586202	44.794	ng	96
17) 2-Methylphenol	7.11	107	386754	47.027	ng	99
18) Hexachloroethane	7.36	117	182716	44.157	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	312537	45.513	ng	98
20) 3+4-Methylphenols	7.26	107	452830	46.529	ng	# 90
22) Acetophenone	7.26	105	608465	45.633	ng	96
24) Nitrobenzene	7.43	77	514230	45.215	ng	99
25) Isophorone	7.67	82	922572	45.807	ng	100
26) 2-Nitrophenol	7.75	139	252962	47.186	ng	98
27) 2,4-Dimethylphenol	7.79	122	409973	50.830	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	564569	45.226	ng	99
29) 2,4-Dichlorophenol	8.00	162	399198	46.876	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	428637	44.155	ng	99
31) Naphthalene	8.16	128	1306819	45.676	ng	99
32) Benzoic acid	7.95	122	249189	43.822	ng	99
33) 4-Chloroaniline	8.20	127	383940	30.034	ng	99
34) Hexachlorobutadiene	8.27	225	237894	42.545	ng	99
35) Caprolactam	8.59	113	119501m	43.387	ng	
36) 4-Chloro-3-methylphenol	8.70	107	422769	47.719	ng	99
37) 2-Methylnaphthalene	8.85	142	876135	46.498	ng	100
38) 1-Methylnaphthalene	8.95	142	818607	45.923	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	400340	45.419	ng	99

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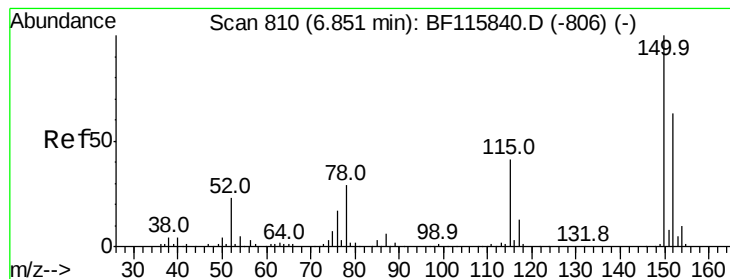
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	266794	68.354	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	265058	43.688	nq	98
44) 2,4,5-Trichlorophenol	9.18	196	281795	44.933	nq	97
46) 1,1'-Biphenyl	9.32	154	1057721	45.440	nq	99
47) 2-Chloronaphthalene	9.35	162	837676	43.238	nq	99
48) 2-Nitroaniline	9.44	65	270521	42.245	nq	92
49) Acenaphthylene	9.76	152	1278910	45.249	nq	100
50) Dimethylphthalate	9.62	163	992840	44.226	nq	99
51) 2,6-Dinitrotoluene	9.69	165	223086	45.727	nq	96
52) Acenaphthene	9.93	154	762523	43.976	nq	100
53) 3-Nitroaniline	9.85	138	187492	31.103	nq	89
54) 2,4-Dinitrophenol	9.97	184	191818	77.568	nq	97
55) Dibenzofuran	10.10	168	1121387	44.471	nq	96
56) 4-Nitrophenol	10.03	139	335741	86.943	nq	97
57) 2,4-Dinitrotoluene	10.09	165	286601	44.123	nq	93
58) Fluorene	10.45	166	865193	44.596	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	233771	44.306	nq	100
60) Diethylphthalate	10.32	149	931756	44.456	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	437003	44.476	nq	98
62) 4-Nitroaniline	10.47	138	250863	40.269	nq	99
63) Azobenzene	10.60	77	976354	45.290	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	142258	47.223	nq	93
66) n-Nitrosodiphenylamine	10.56	169	784160	45.830	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	270871	44.511	nq	93
68) Hexachlorobenzene	11.00	284	300371	42.685	nq	96
69) Atrazine	11.09	200	250720	44.541	nq	99
70) Pentachlorophenol	11.20	266	295174	86.400	nq	98
71) Phenanthrene	11.41	178	1280978	44.078	nq	99
72) Anthracene	11.46	178	1312306	44.619	nq	98
73) Carbazole	11.62	167	1188343	44.535	nq	100
74) Di-n-butylphthalate	11.94	149	1418994	45.587	nq	99
75) Fluoranthene	12.60	202	1329807	43.709	nq	98
77) Benzidine	12.72	184	624525	44.850	nq	97
78) Pyrene	12.83	202	1367969	44.029	nq	99
80) Butylbenzylphthalate	13.44	149	599147	45.588	nq	97
81) Benzo(a)anthracene	14.02	228	1165199	44.229	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	347293	37.945	nq	98
83) Chrysene	14.06	228	1133408	44.315	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	825340	48.325	nq	100
85) Di-n-octyl phthalate	14.61	149	1326615	48.903	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	936500	43.596	nq	99
88) Benzo(b)fluoranthene	15.07	252	1111606	51.497	nq	# 96
89) Benzo(k)fluoranthene	15.10	252	958293	45.579	nq	100
90) Benzo(a)pyrene	15.44	252	972537	50.401	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	785404	47.022	nq	99
92) Benzo(g,h,i)perylene	17.43	276	763754	46.560	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



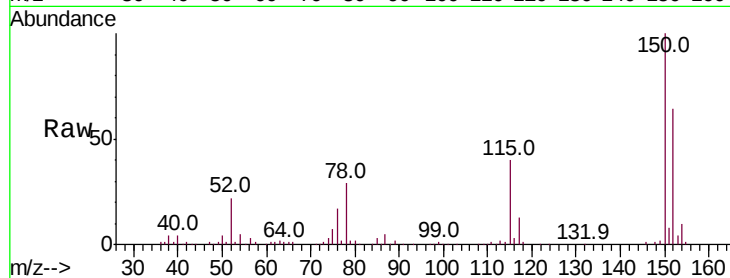
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
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 PB121947BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	62.5	51.8	77.8

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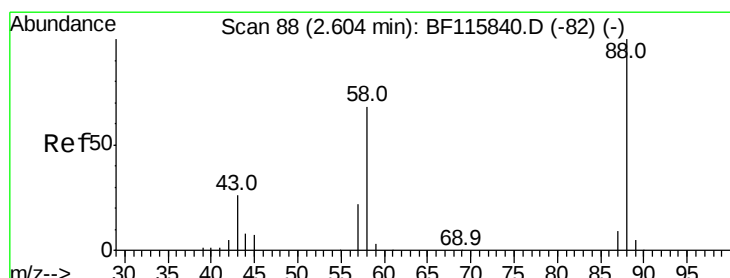
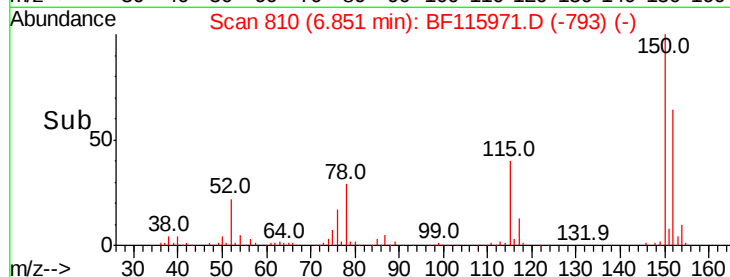
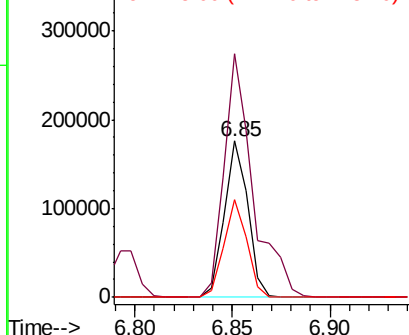


Abundance

Ion 152.00 (151.70 to 152.70): E

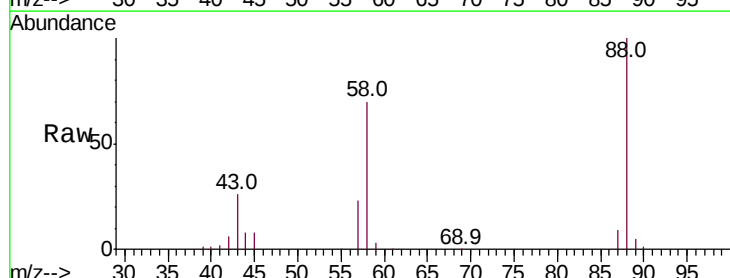
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 41.988 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.12 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.1	81.1
43	26.1	20.7	31.1

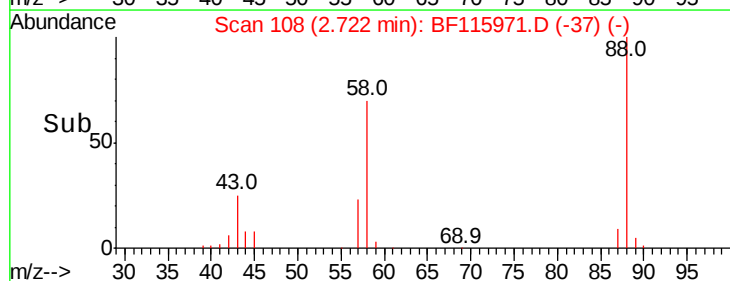
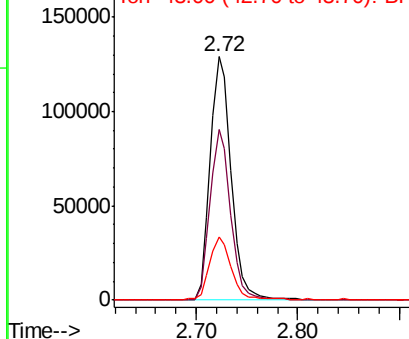


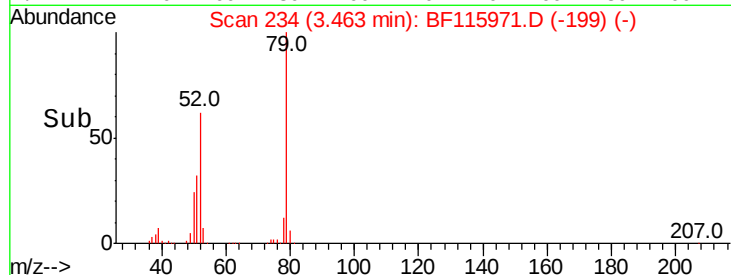
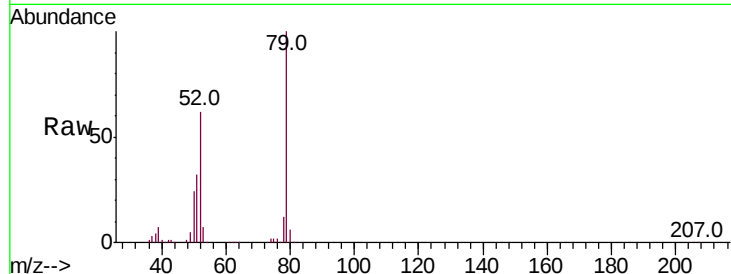
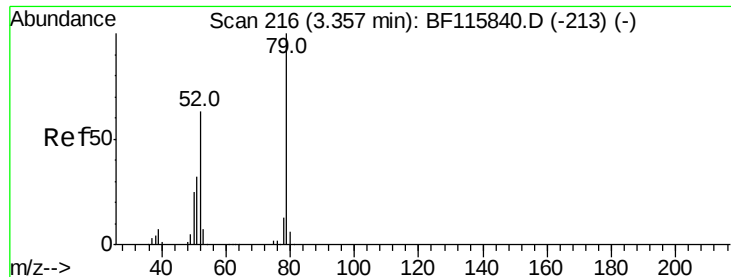
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





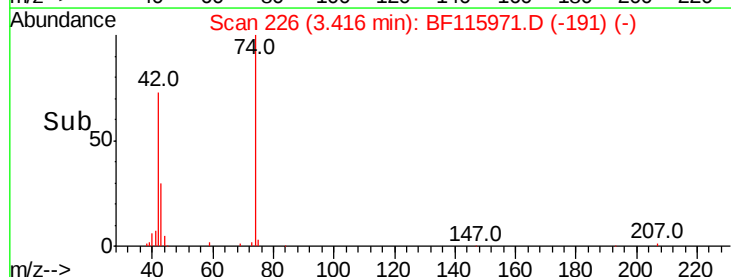
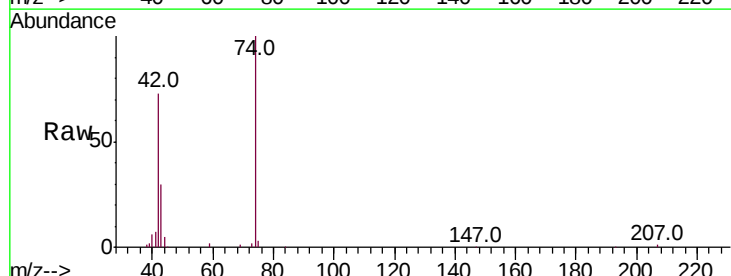
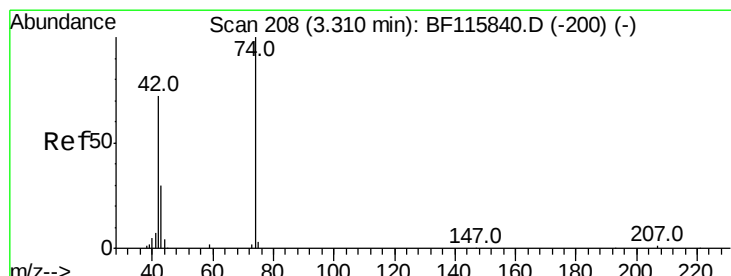
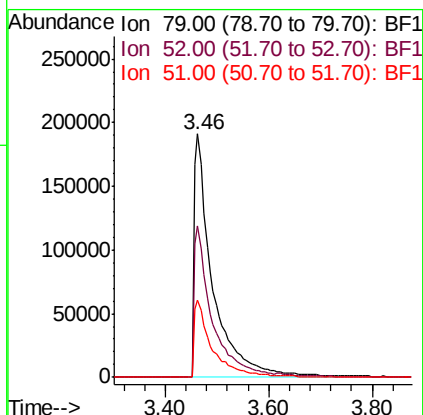
#3
Pvridine
Concen: 38.369 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.11 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	50.2	75.4
51	31.7	25.8	38.6

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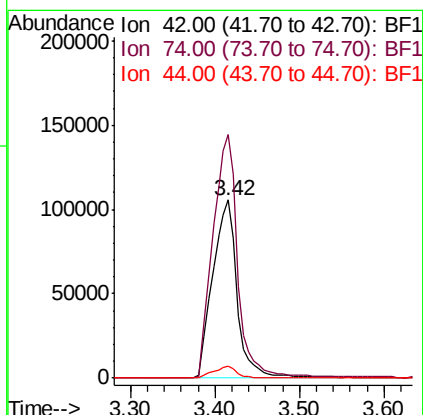
Manual Integrations
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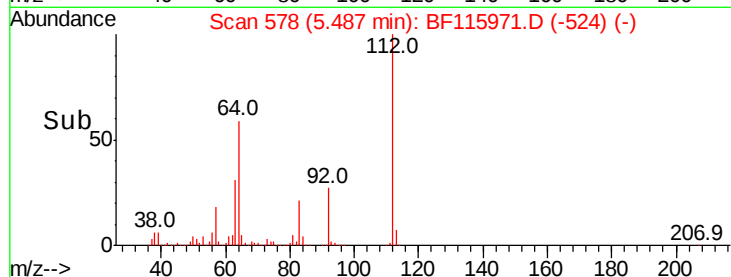
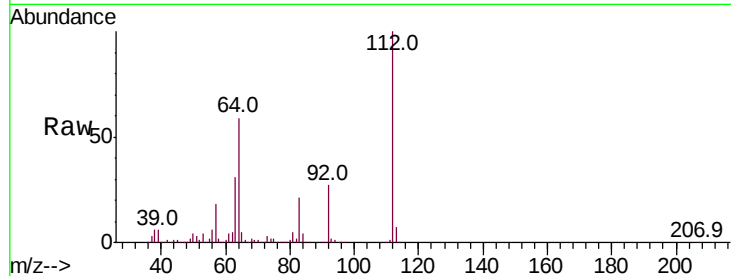
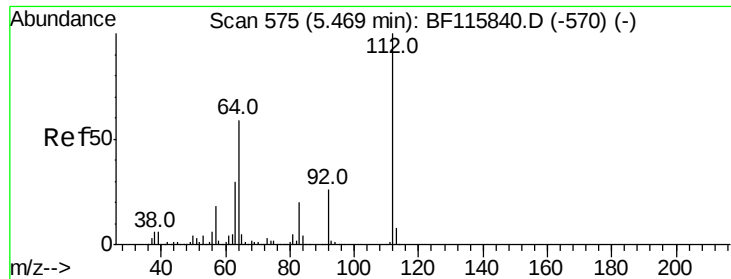
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#4
n-Nitrosodimethylamine
Concen: 43.965 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.8	111.0	166.4
44	6.4	4.7	7.1





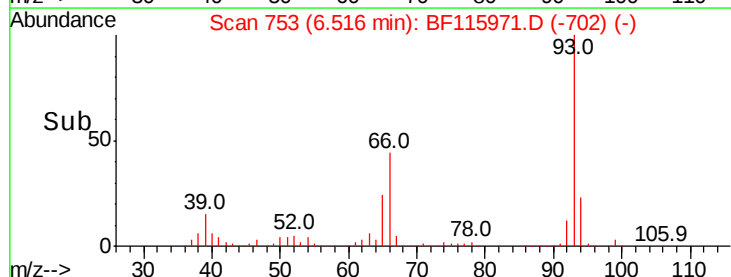
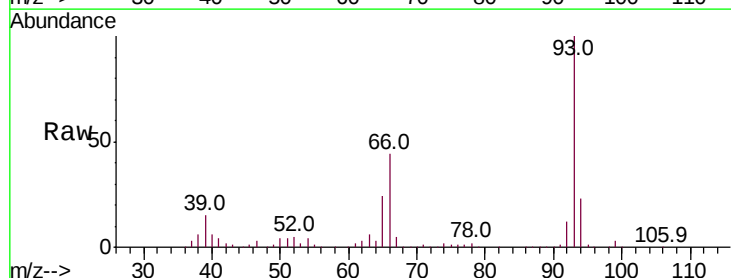
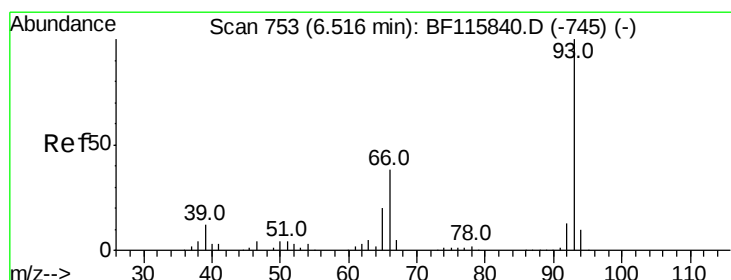
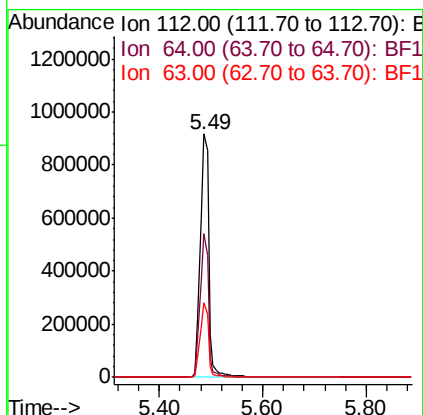
#5
2-Fluorophenol
Concen: 118.945 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tot Ion: 112 Resp: 1044724
Ion Ratio Lower Upper
112 100
64 58.9 46.8 70.2
63 30.9 24.2 36.2

Instrument :
BNA_F
ClientSampleId :
PB121947BS

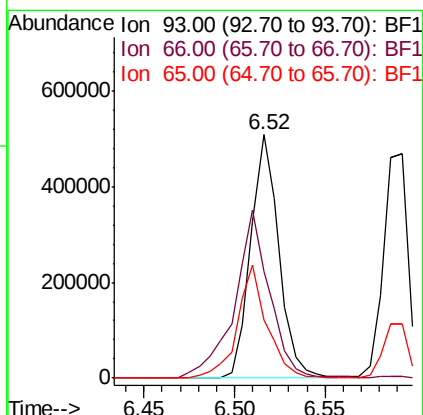
Manual Integrations
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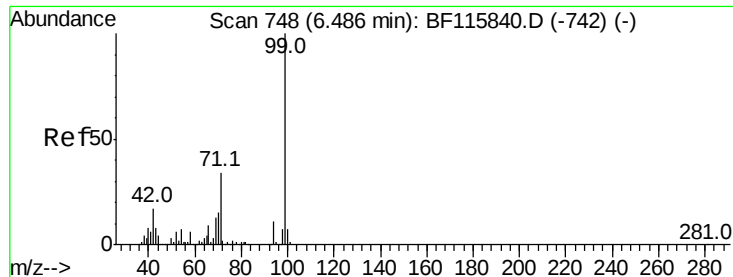
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#6
Aniline
Concen: 34.721 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion: 93 Resp: 551027
Ion Ratio Lower Upper
93 100
66 44.0 31.4 47.0
65 23.9 16.5 24.7





#7

Phenol-d6

Concen: 119.217 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

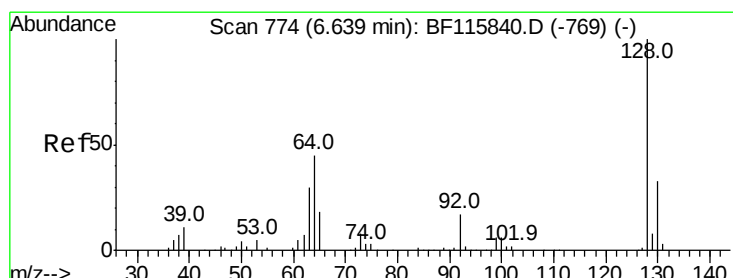
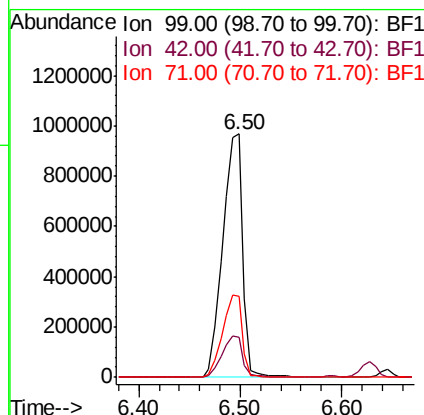
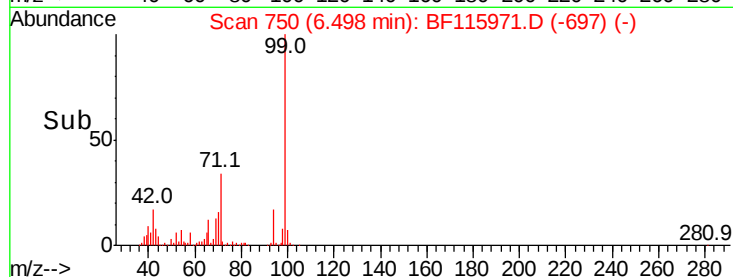
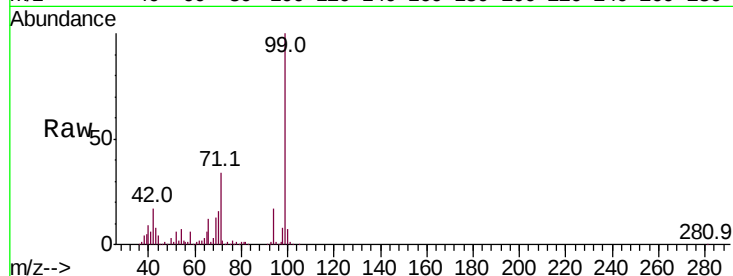
ClientSampleId :

PB121947BS

Tot Ion:	99	Resp:	1321121
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.5	27.1	40.7

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#8

2-Chlorophenol

Concen: 46.611 ng

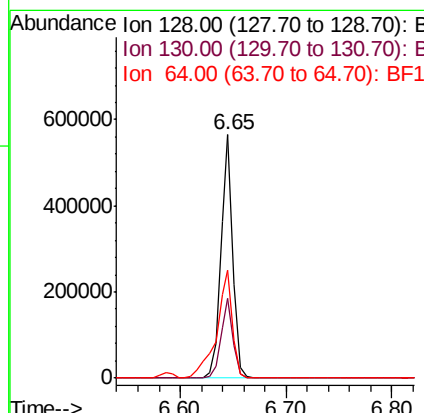
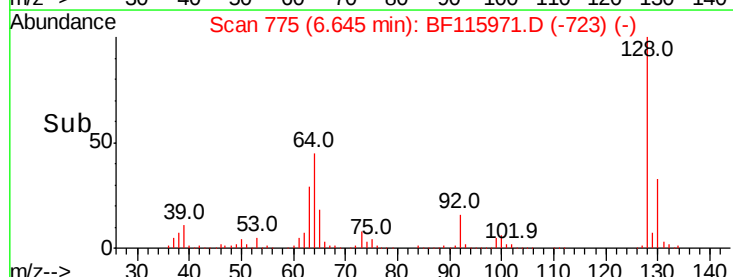
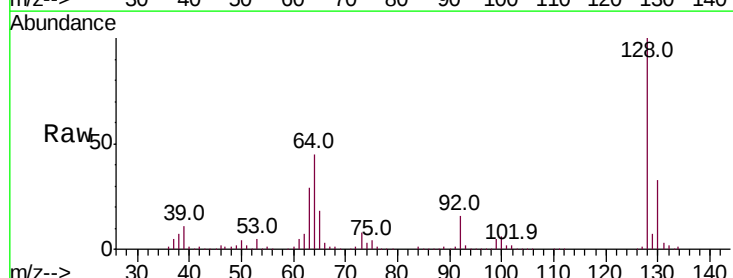
RT: 6.65 min Scan# 775

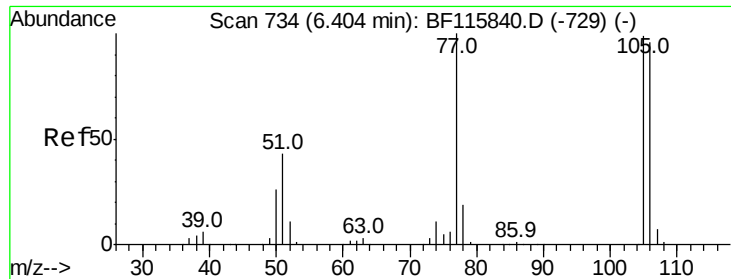
Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	128	Resp:	452713
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	44.6	26.1	66.1





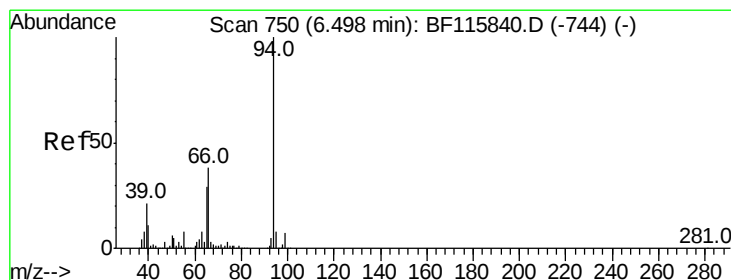
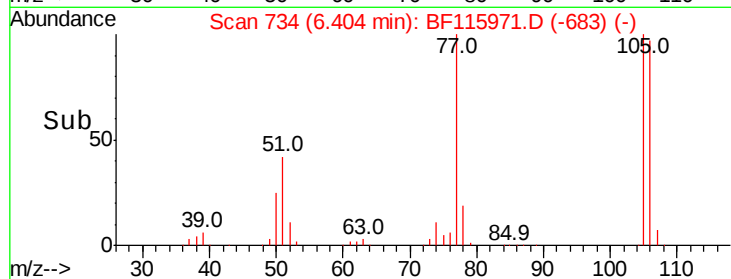
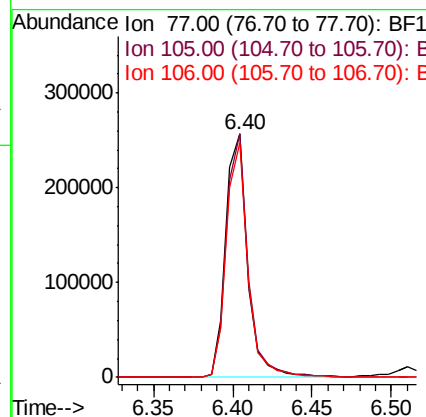
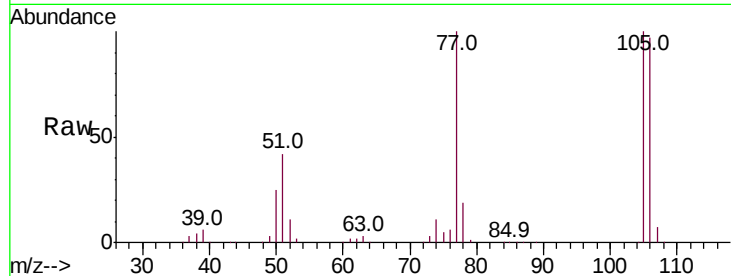
#9
Benzaldehyde
Concen: 32.369 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	79.0	119.0
106	96.7	76.2	116.2

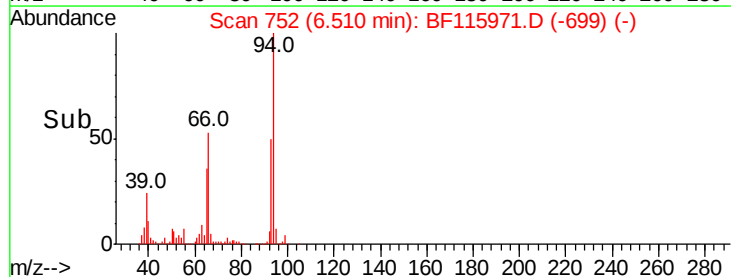
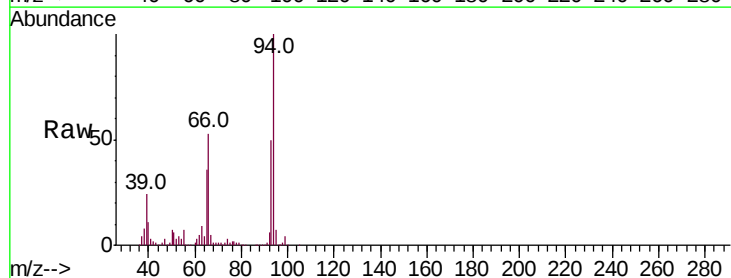
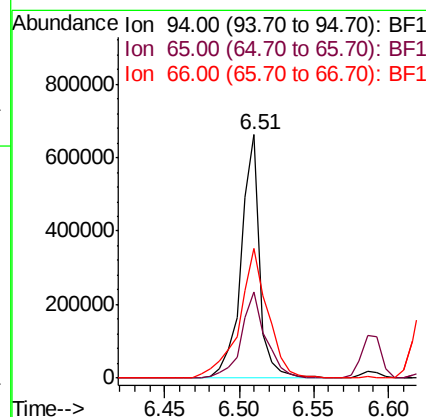
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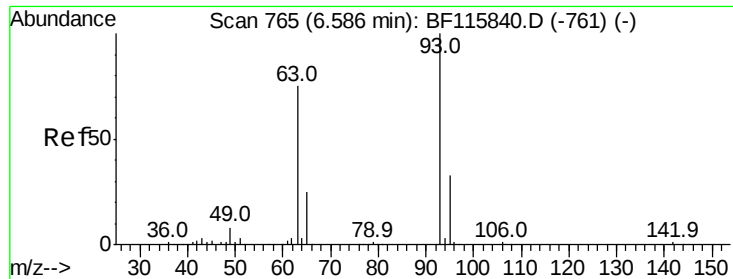
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#10
Phenol
Concen: 44.514 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	8.9	48.9
66	53.2	18.0	58.0





#11

bis(2-Chloroethyl)ether

Concen: 45.685 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

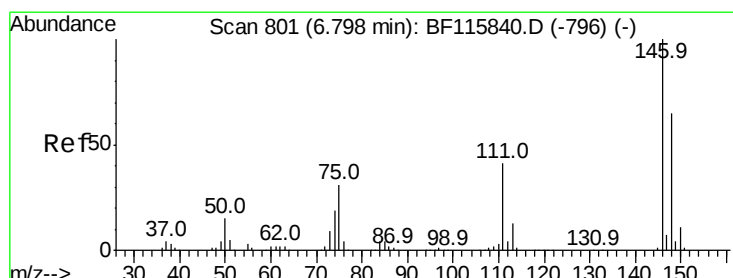
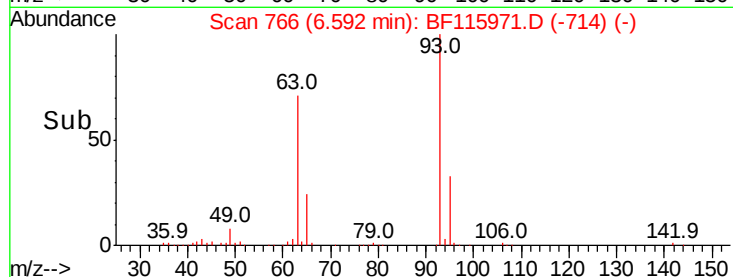
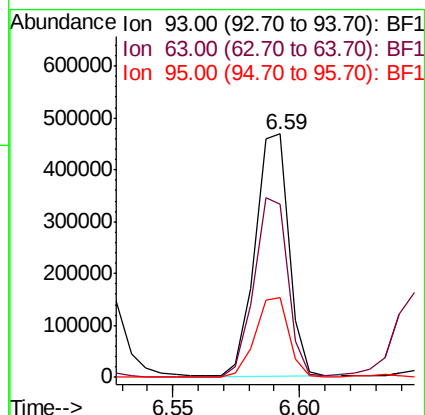
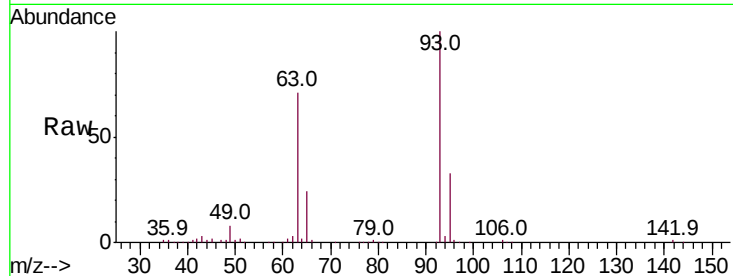
ClientSampleId :

PB121947BS

Tot Ion:	93	Resp:	438313
Ion Ratio	Lower	Upper	
93	100		
63	71.2	54.9	94.9
95	32.8	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 43.480 ng

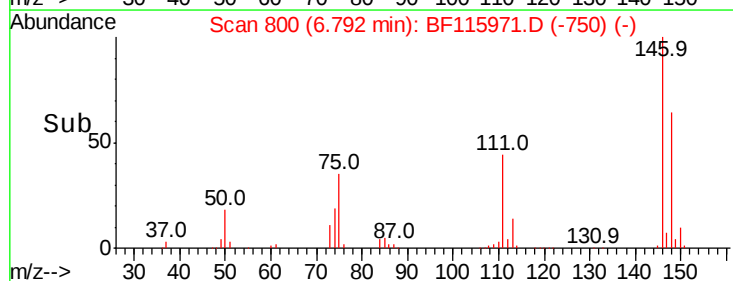
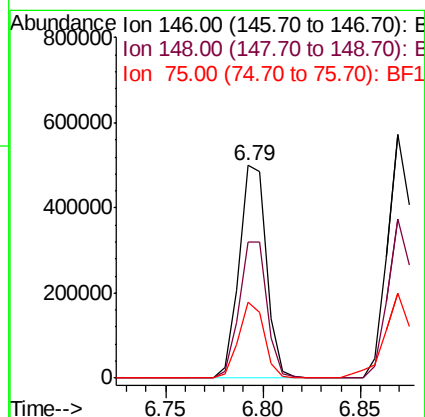
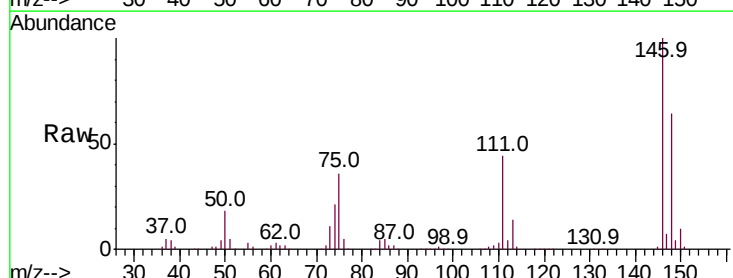
RT: 6.79 min Scan# 800

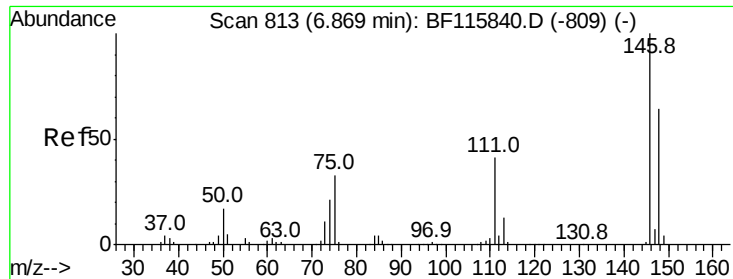
Delta R.T. -0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	146	Resp:	488050
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.1	78.1
75	35.5	25.0	37.6





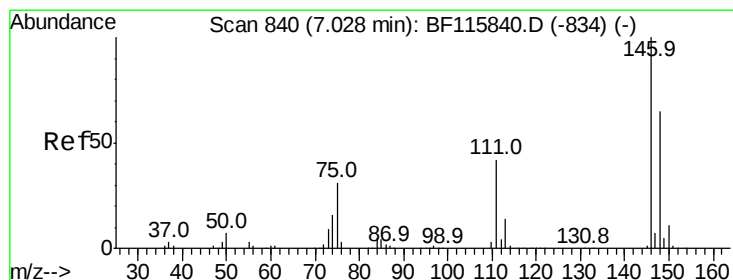
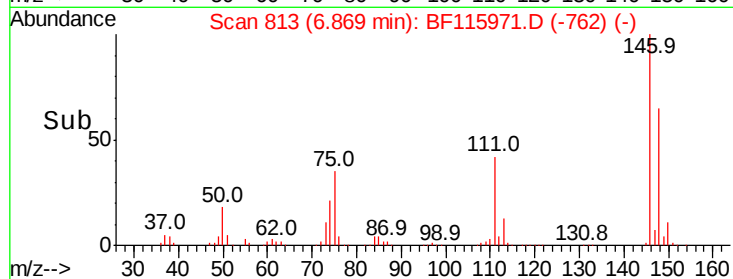
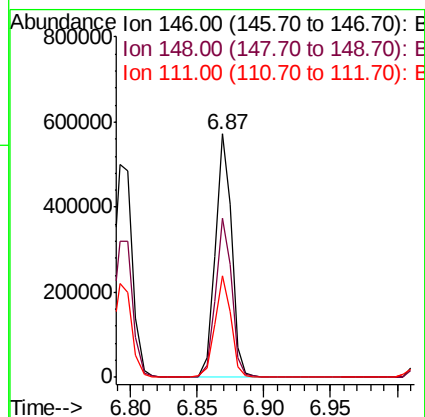
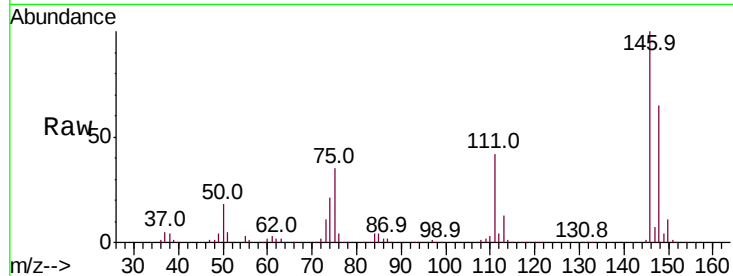
#13
 1,4-Dichlorobenzene
 Concen: 44.109 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	41.7	33.2	49.8

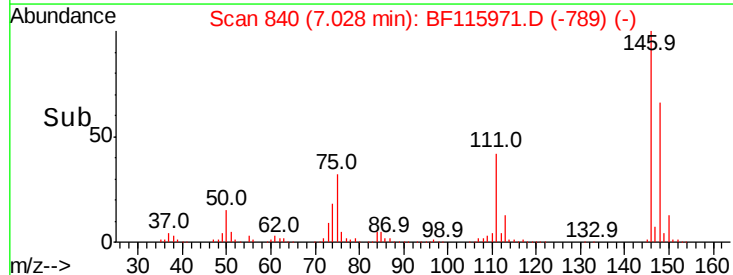
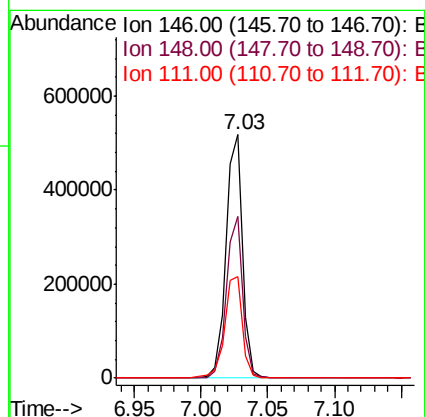
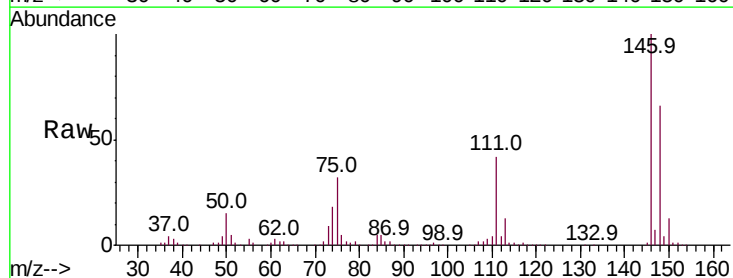
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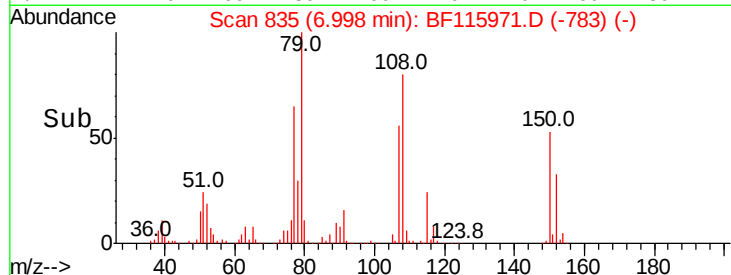
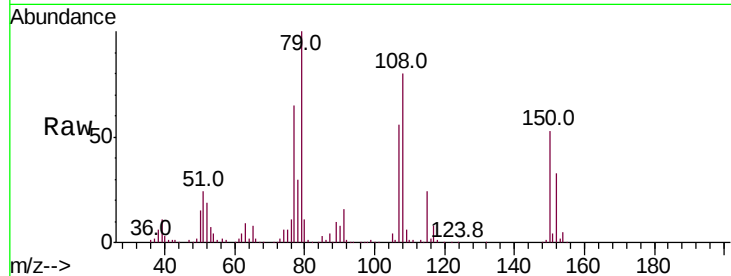
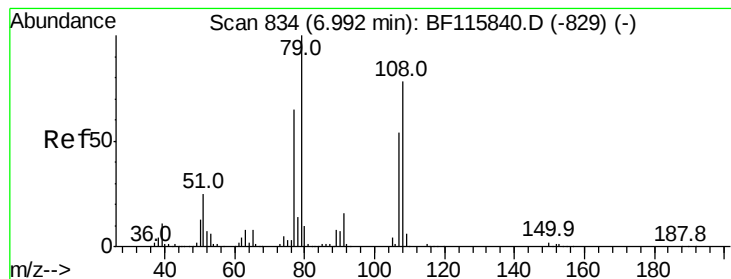
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.826 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.6	77.4
111	41.9	33.6	50.4





#15

Benzyl Alcohol

Concen: 46.603 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tot Ion:	79	Resp:	391921
Ion Ratio	Lower	Upper	
79	100		
108	80.1	62.8	94.2
77	64.7	52.0	78.0

Instrument :

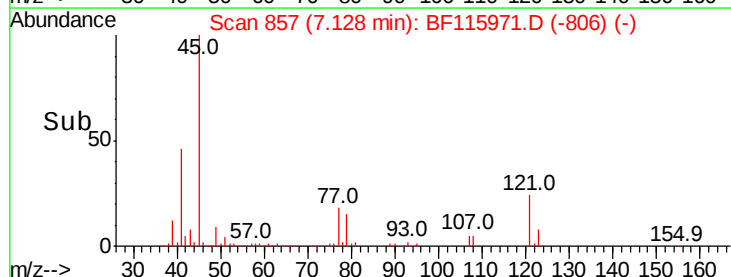
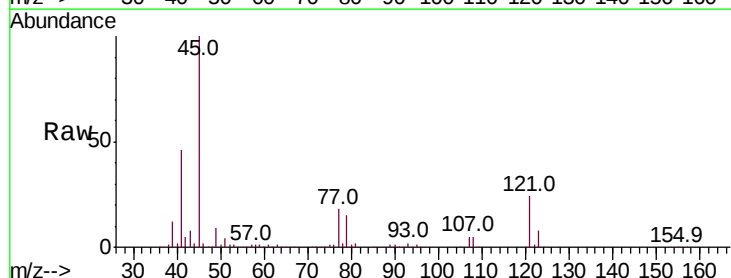
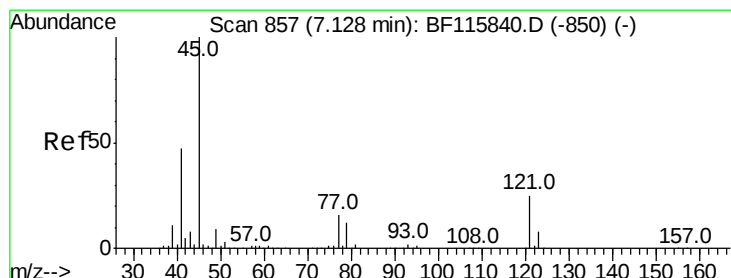
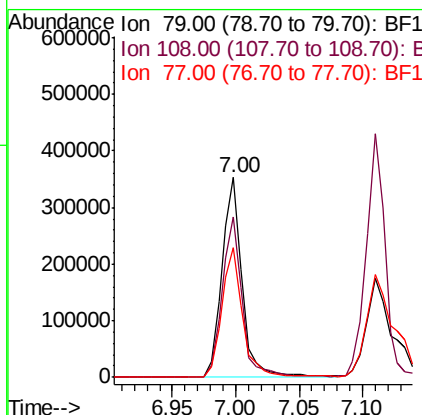
BNA_F

ClientSampleId :

PB121947BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.794 ng

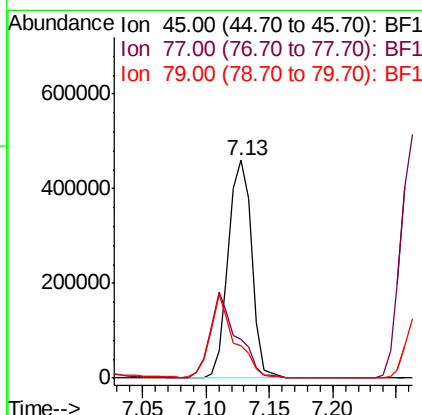
RT: 7.13 min Scan# 857

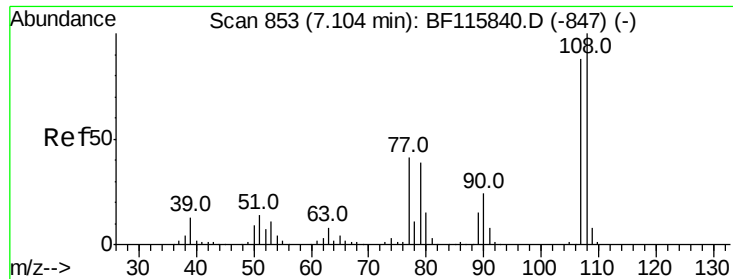
Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	45	Resp:	586202
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	36.3
79	14.6	0.0	32.5





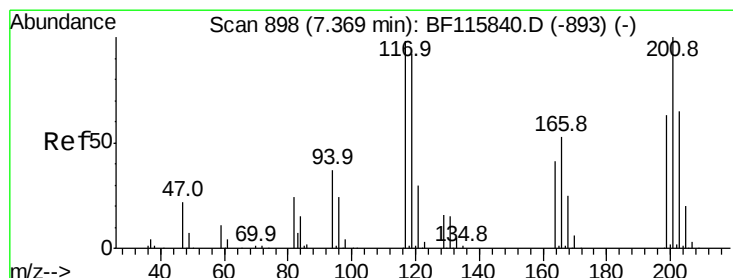
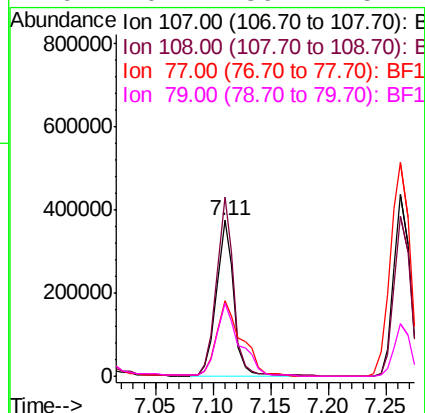
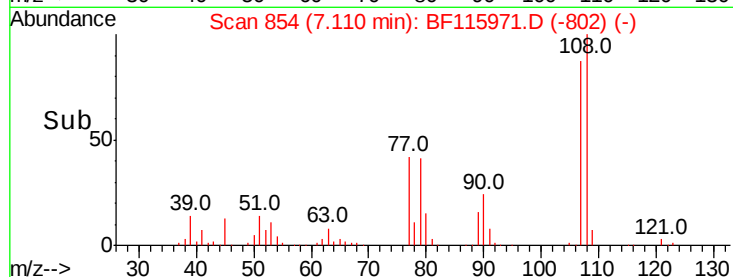
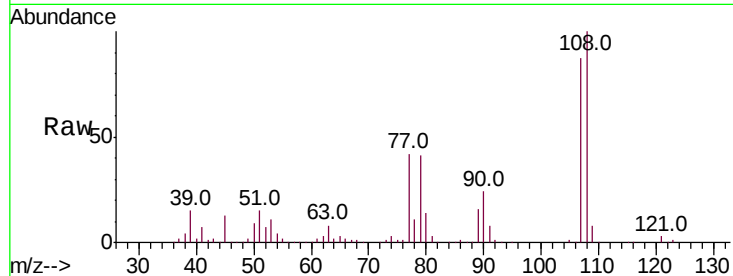
#17
2-Methylphenol
Concen: 47.027 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	386754		
108	108	114.5	91.4	137.0	
77	77	48.5	37.6	56.4	
79	79	46.7	36.2	54.4	

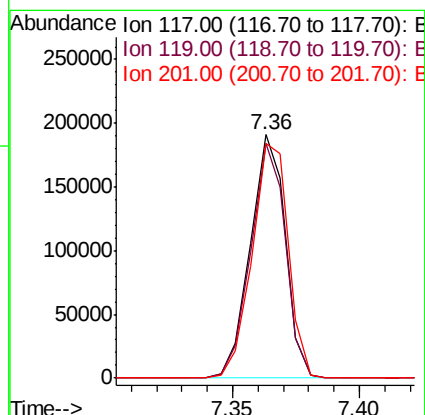
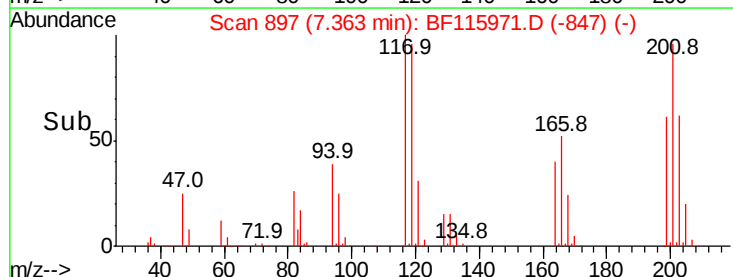
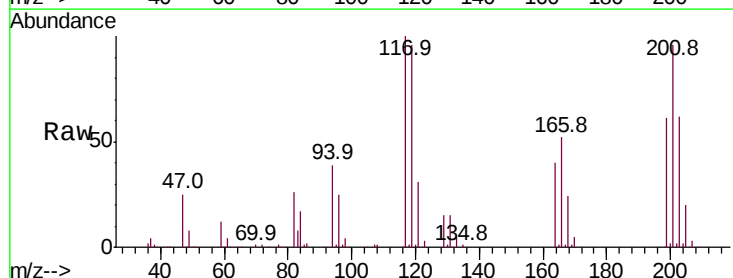
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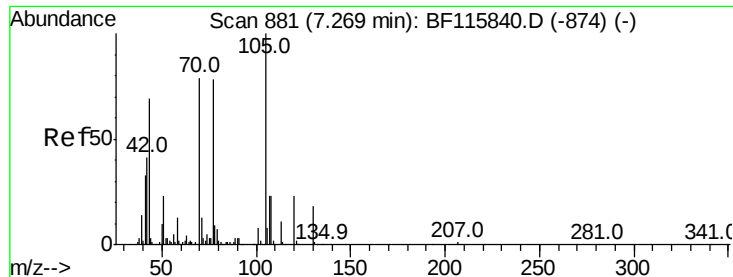
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#18
Hexachloroethane
Concen: 44.157 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	182716		
119	119	96.1	75.8	113.6	
201	201	96.1	82.0	123.0	





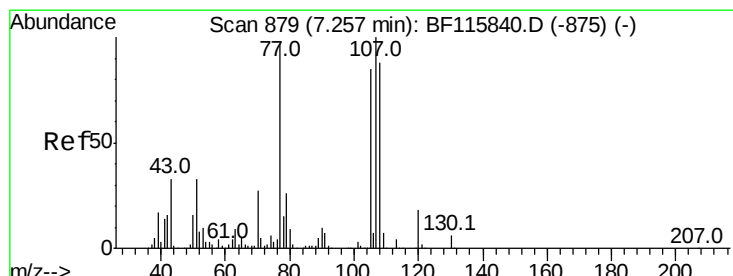
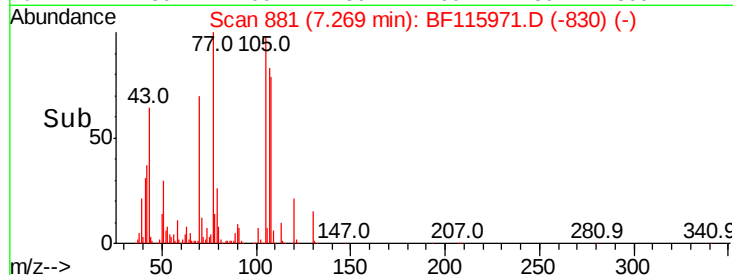
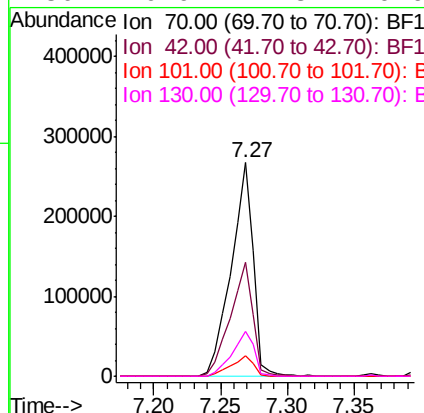
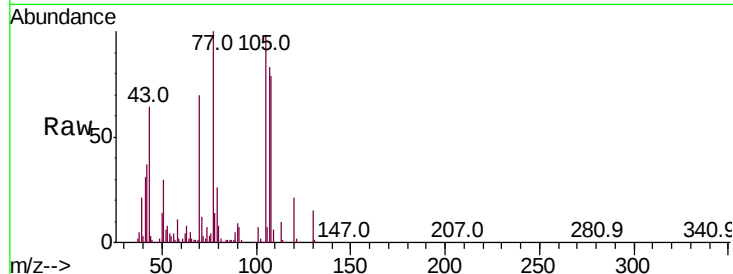
#19
n-Nitroso-di-n-propylamine
Concen: 45.513 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.5	41.8	62.8		
101	9.5	7.7	11.5		
130	20.9	17.8	26.6		

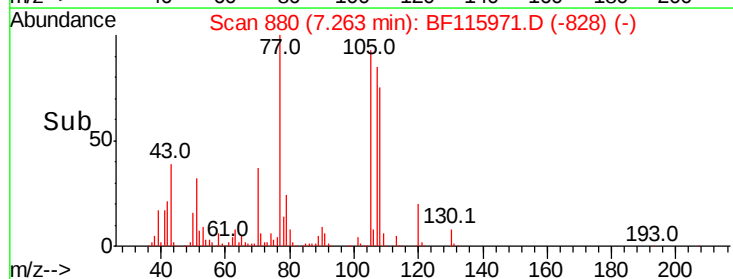
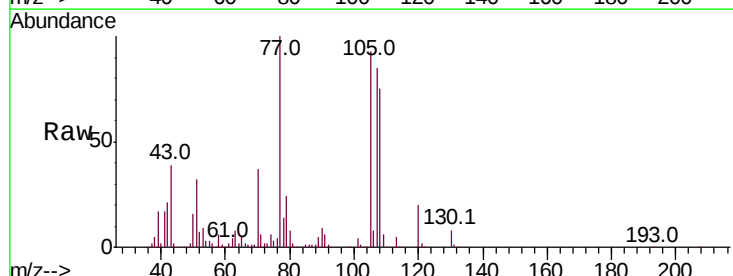
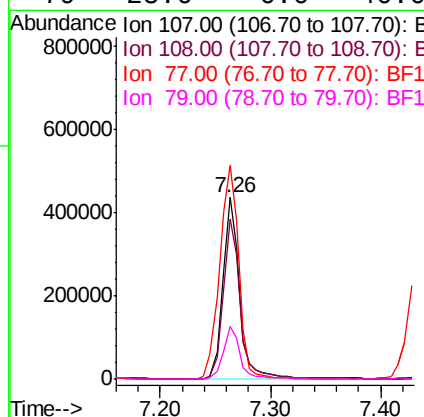
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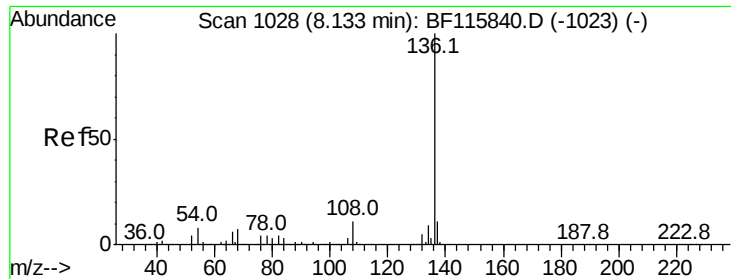
mohammad
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#20
3+4-Methylphenols
Concen: 46.529 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	67.9	107.9		
77	117.8	77.3	117.3#		
79	28.6	6.6	46.6		





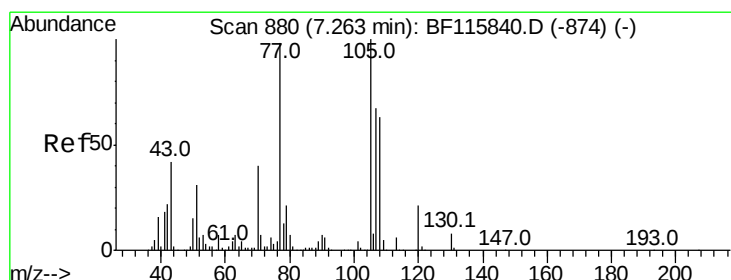
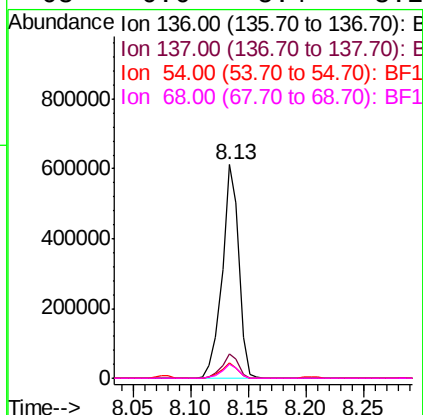
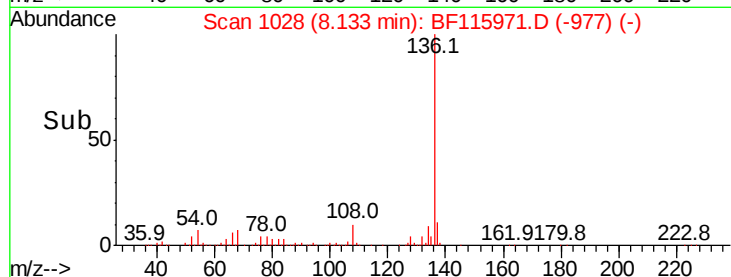
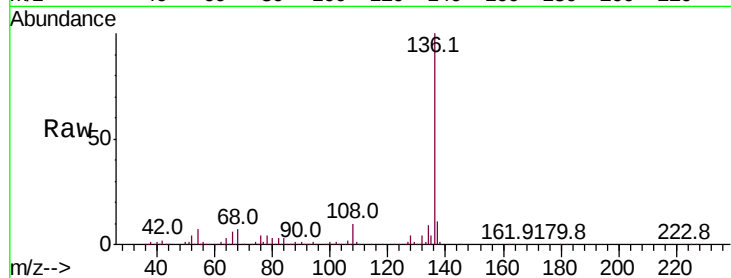
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607984		
137	11.1		9.1	13.7
54	7.4		6.1	9.1
68	6.6		5.4	8.2

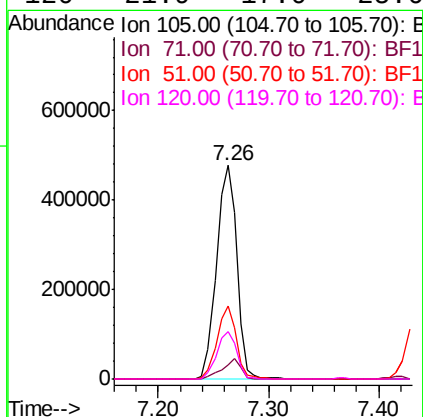
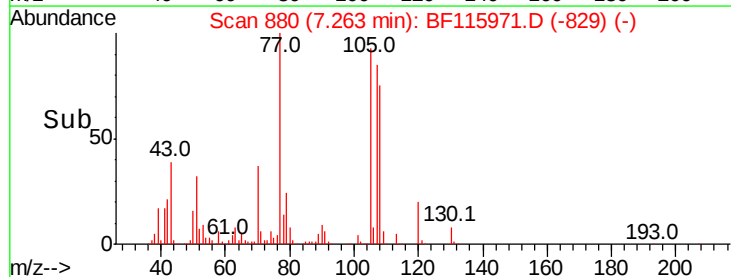
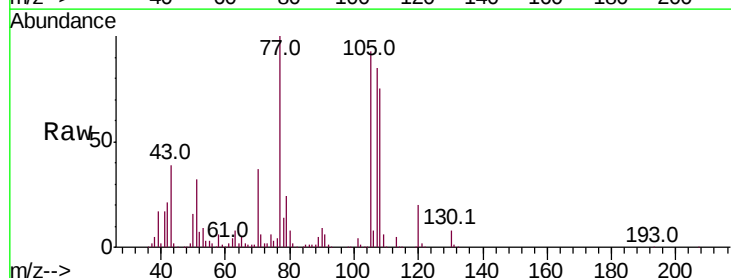
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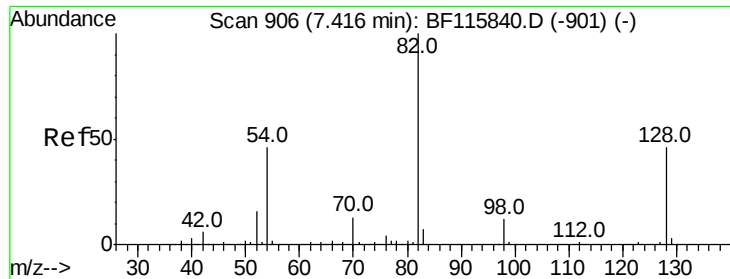
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#22
Acetophenone
Concen: 45.633 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608465		
71	6.9		5.4	8.0
51	34.1		24.6	36.8
120	21.9		17.0	25.6





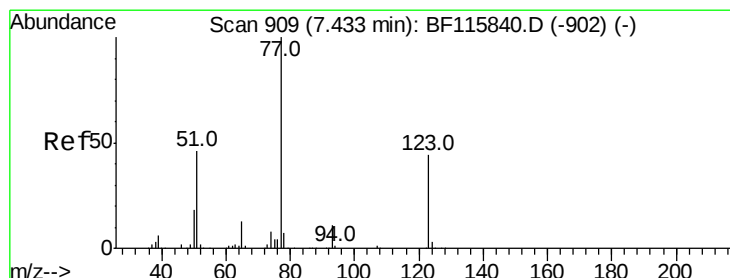
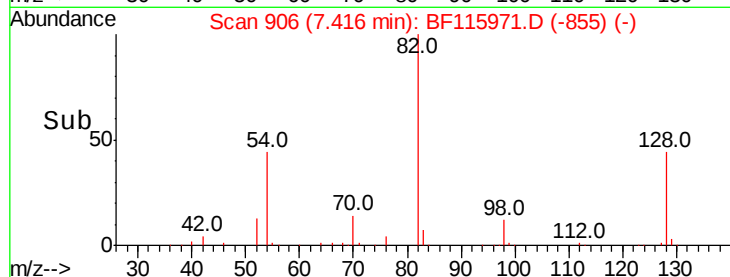
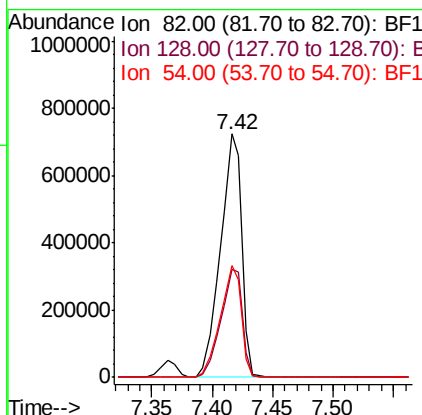
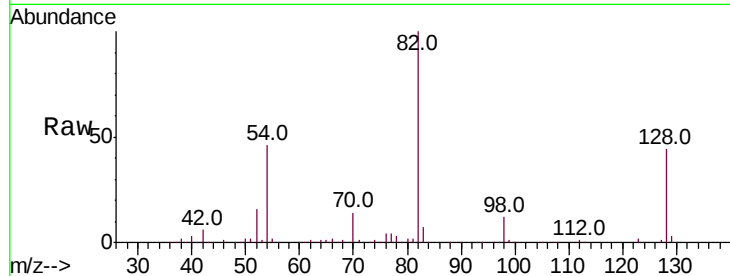
#23
 Nitrobenzene-d5
 Concen: 83.062 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.6	55.0
54	45.7	36.6	55.0

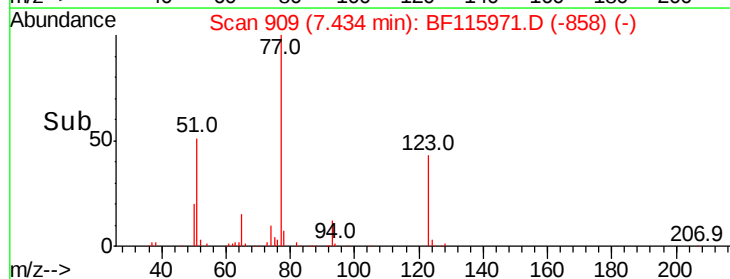
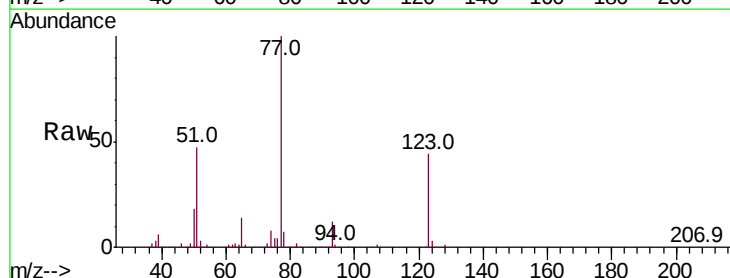
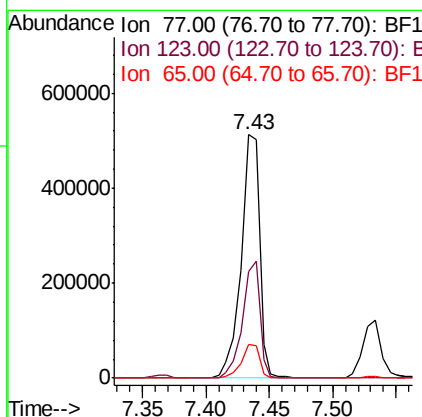
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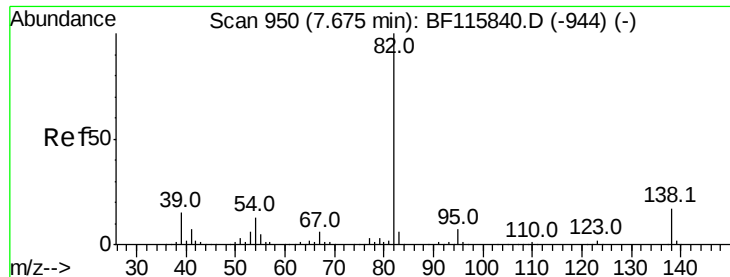
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#24
 Nitrobenzene
 Concen: 45.215 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.5	53.3
65	13.6	10.6	15.8





#25

Isophorone

Concen: 45.807 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

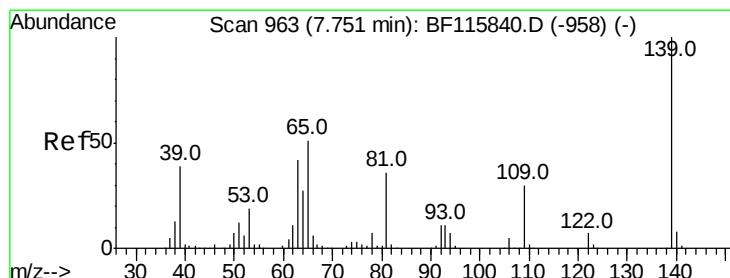
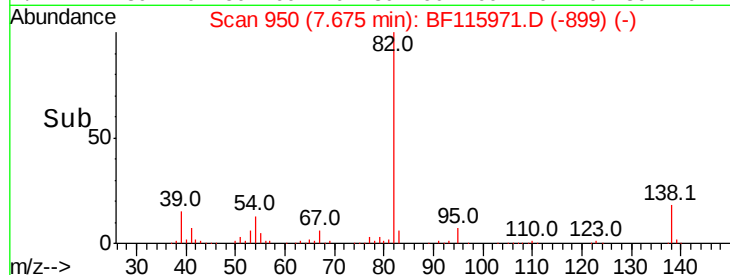
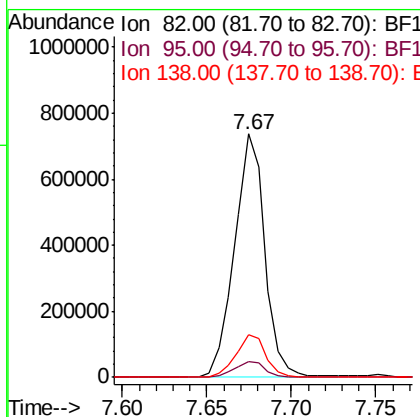
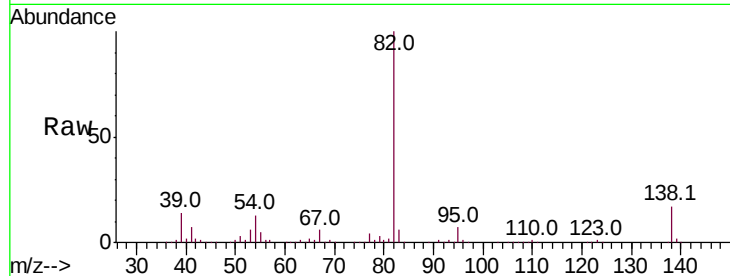
ClientSampleId :

PB121947BS

Tot Ion:	82	Resp:	922572
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.4	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.186 ng

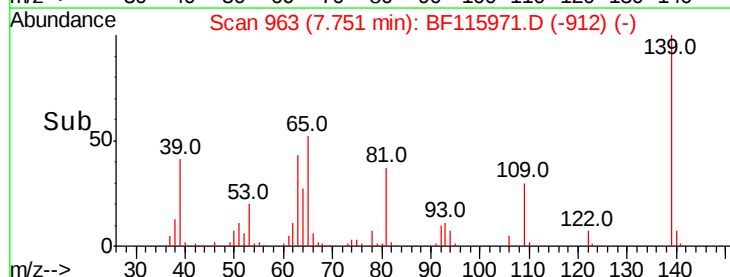
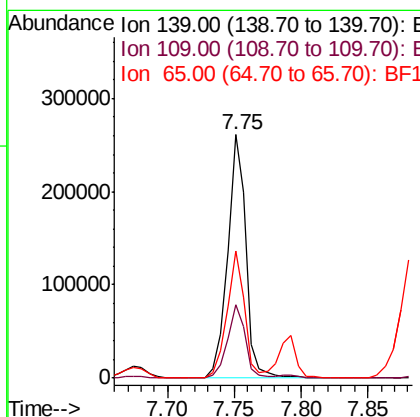
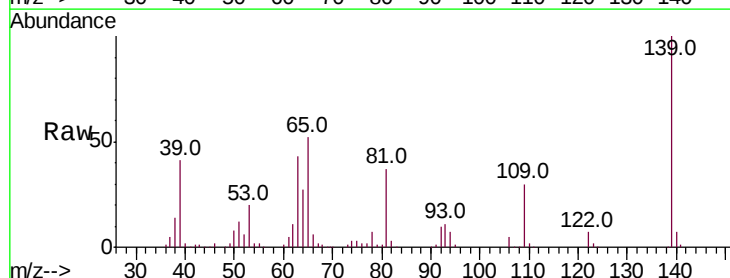
RT: 7.75 min Scan# 963

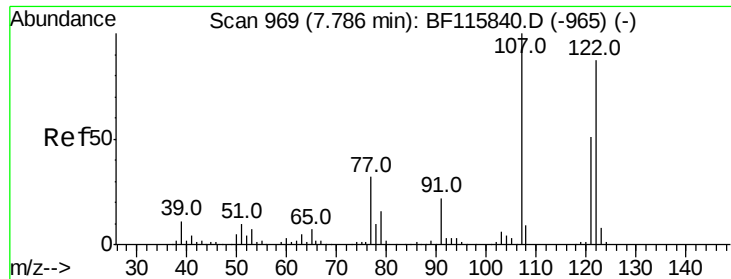
Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	139	Resp:	252962
Ion Ratio	Lower	Upper	
139	100		
109	30.0	23.6	35.4
65	52.4	40.6	60.8





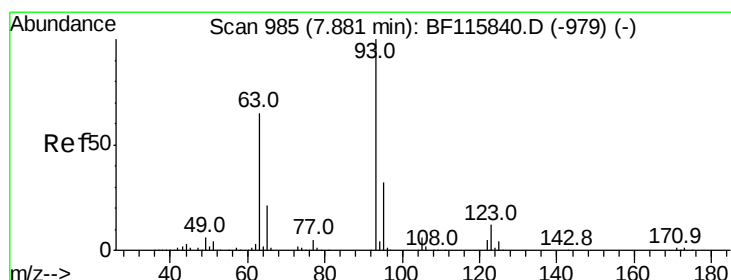
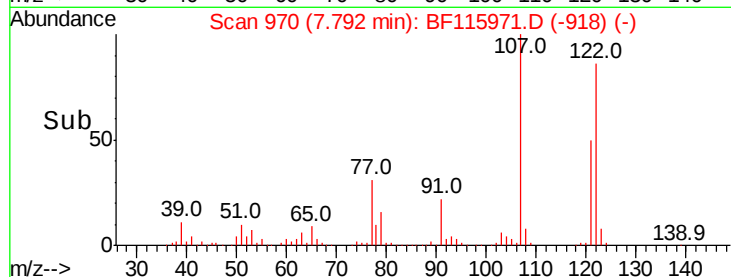
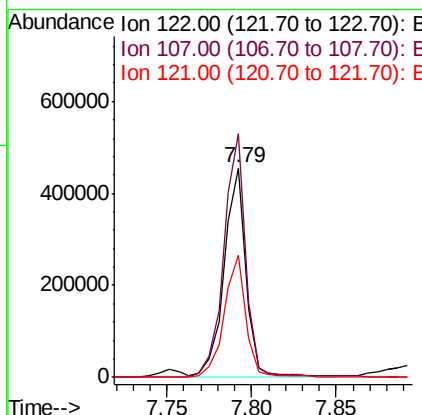
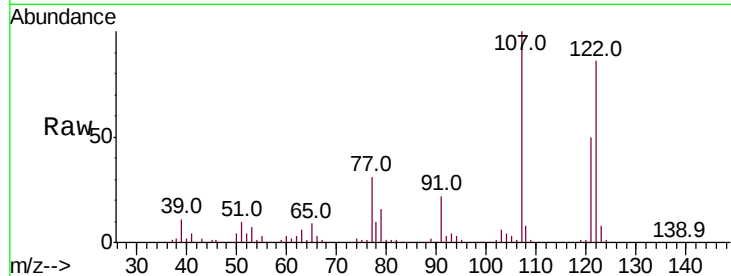
#27
 2,4-Dimethylphenol
 Concen: 50.830 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	409973		
107	116.3		91.7	137.5
121	58.4		46.6	70.0

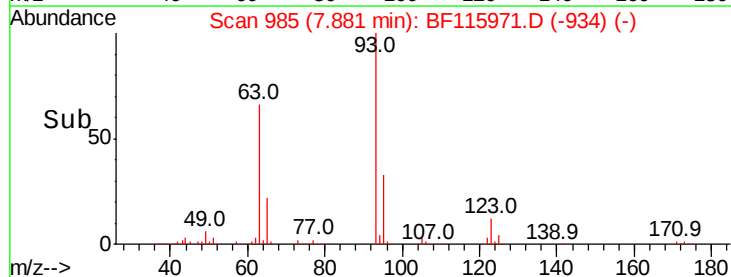
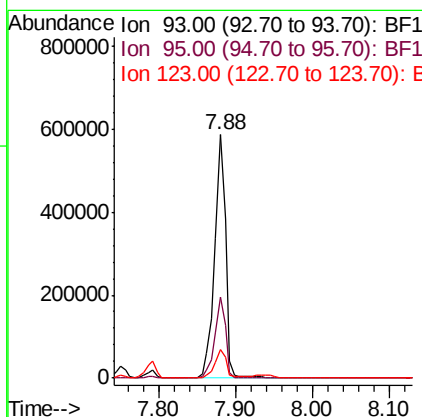
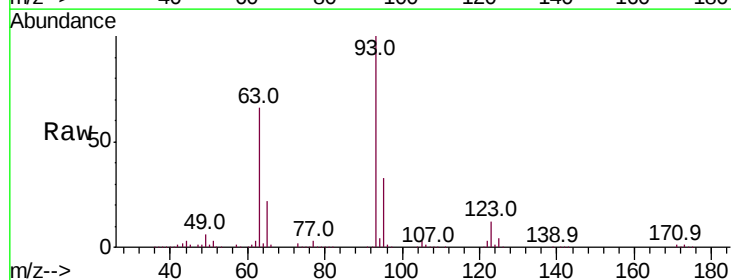
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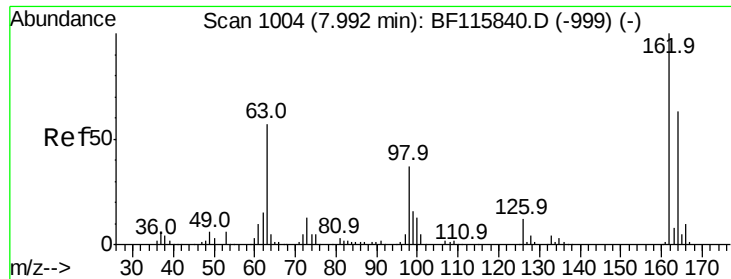
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.226 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564569		
95	33.3		26.0	39.0
123	11.9		9.5	14.3





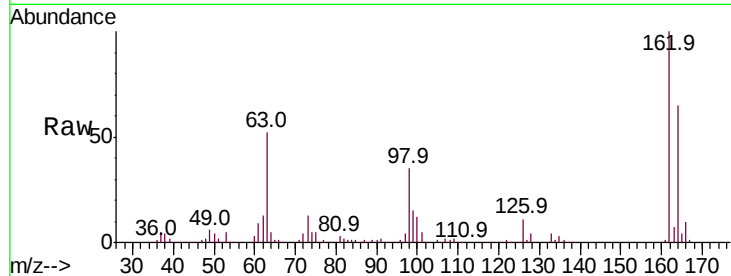
#29
2,4-Dichlorophenol
Concen: 46.876 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	43.2	83.2
98	35.3	17.3	57.3

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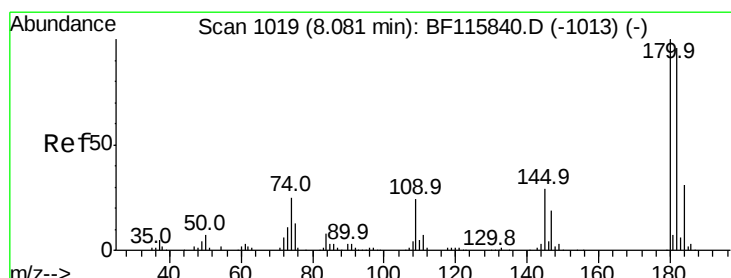
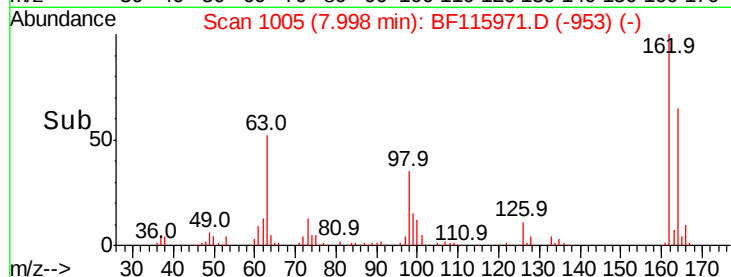
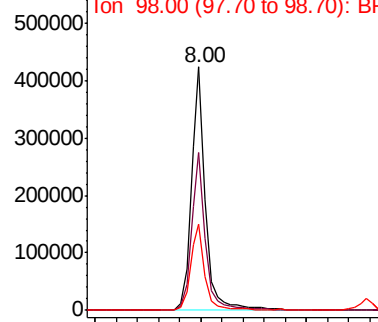


Abundance

Ion 162.00 (161.70 to 162.70): E

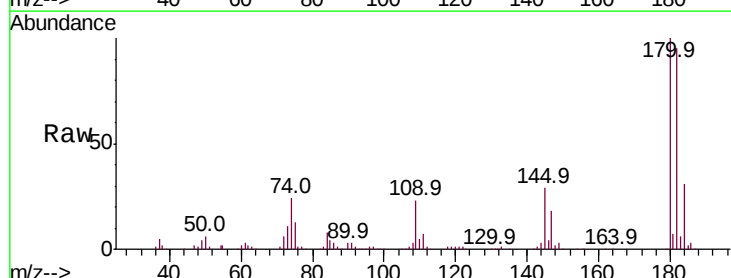
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.155 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	76.6	114.8
145	29.0	23.2	34.8

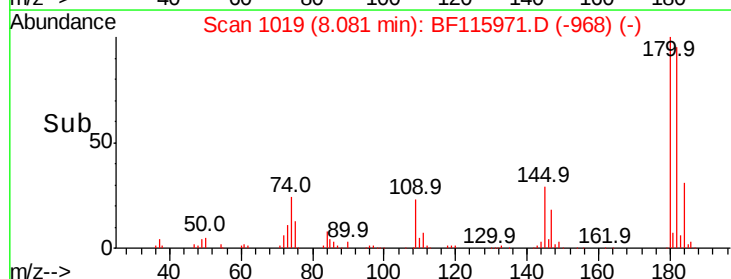
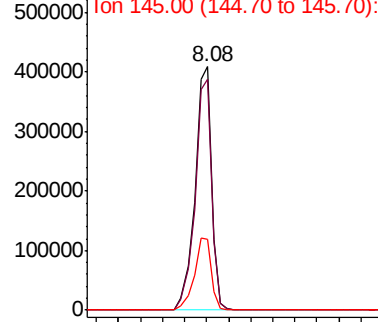


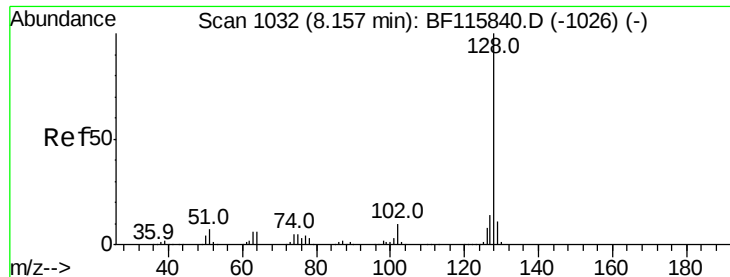
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





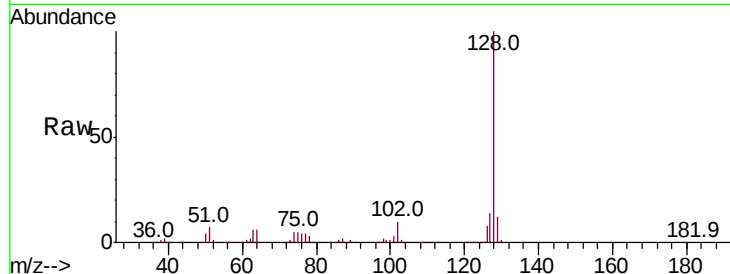
#31
Naphthalene
Concen: 45.676 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.0	11.0	16.4

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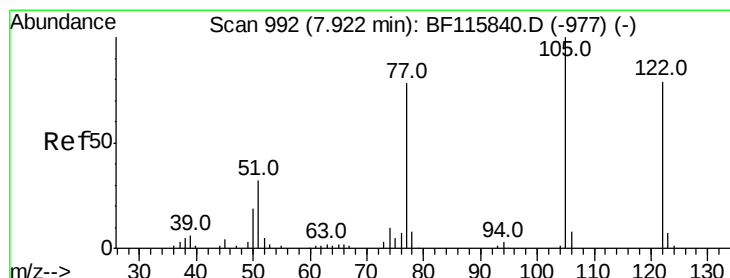
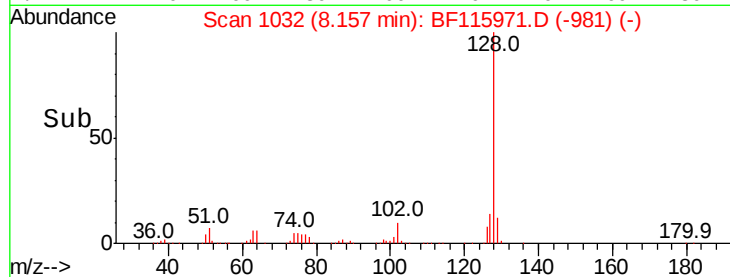
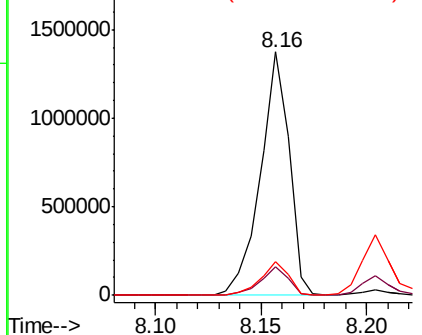


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.822 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

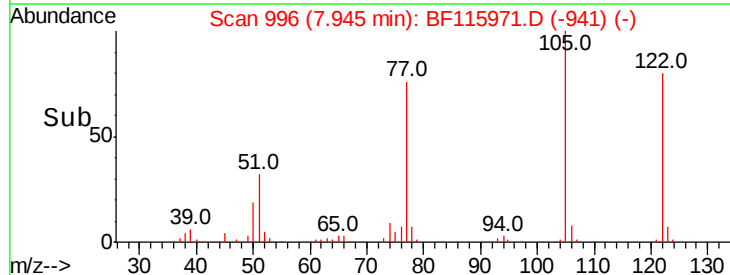
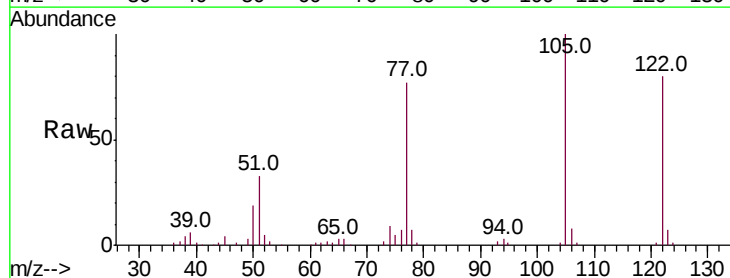
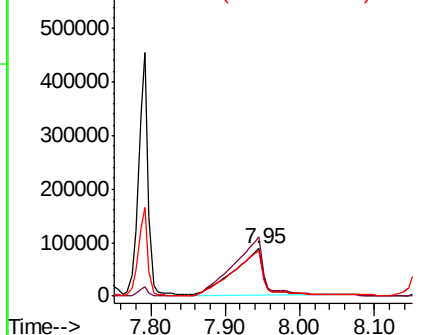
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	103.1	143.1
77	96.2	76.8	116.8

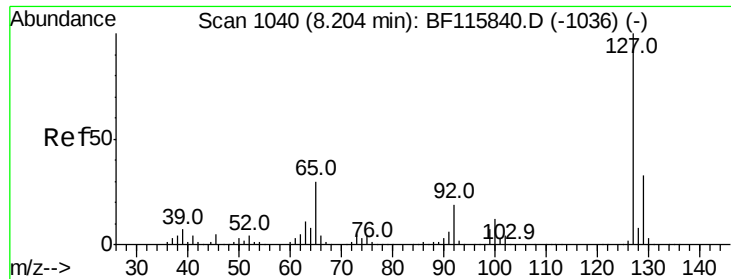
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





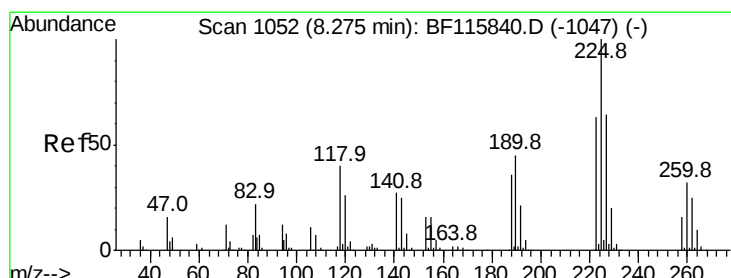
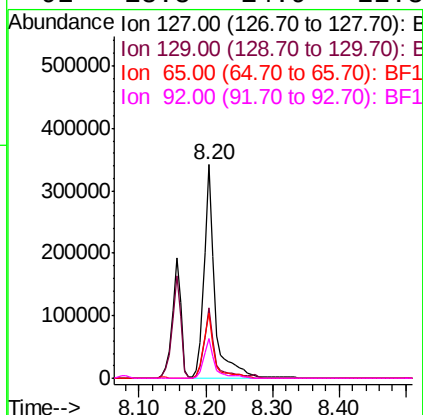
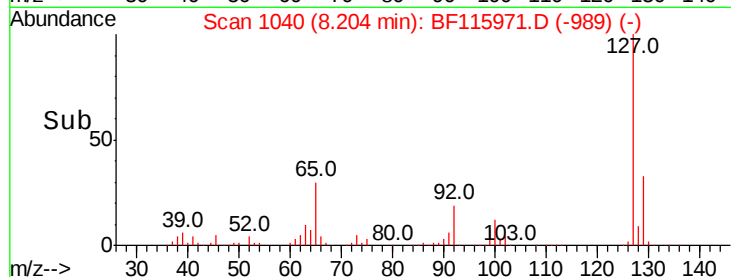
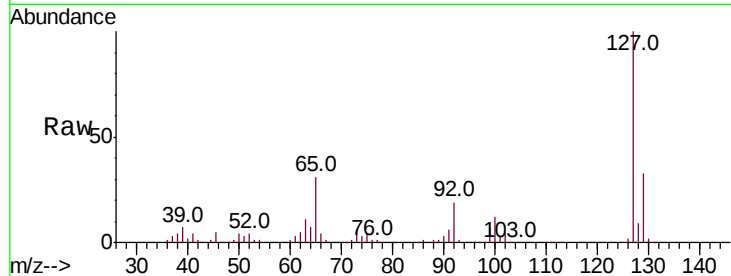
#33
4-Chloroaniline
Concen: 30.034 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	30.7	23.9	35.9
92	18.8	14.9	22.3

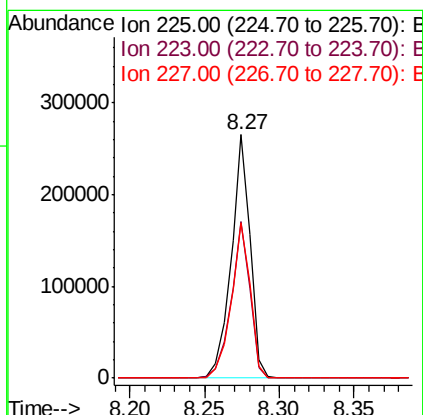
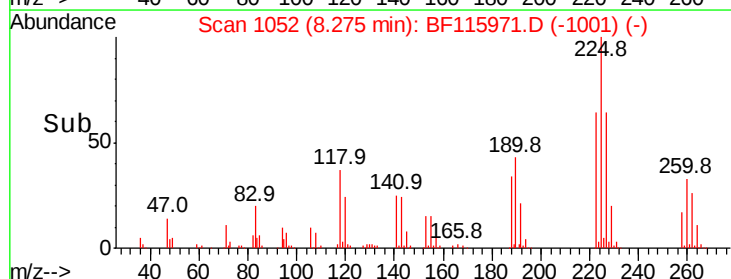
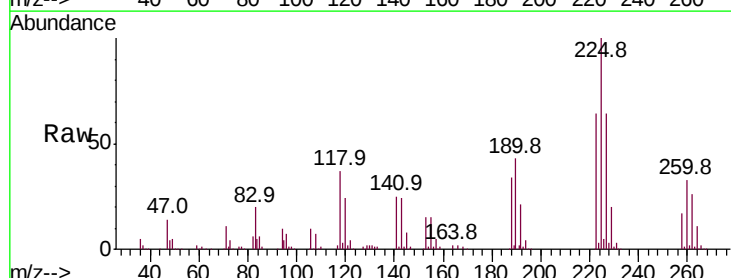
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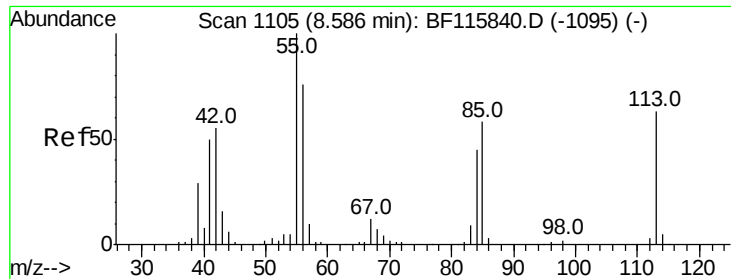
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#34
Hexachlorobutadiene
Concen: 42.545 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.4	75.6
227	63.8	51.6	77.4





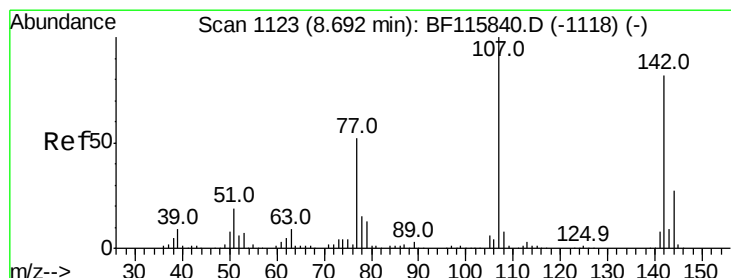
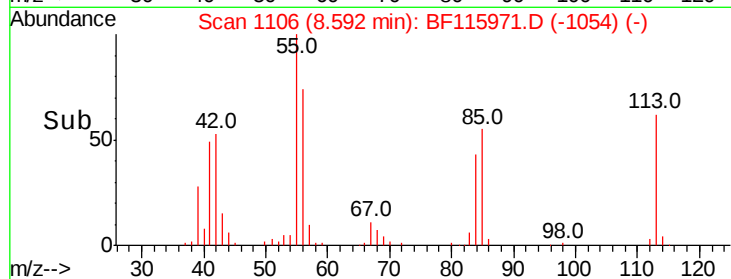
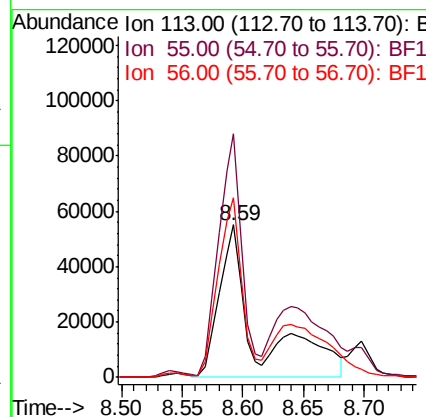
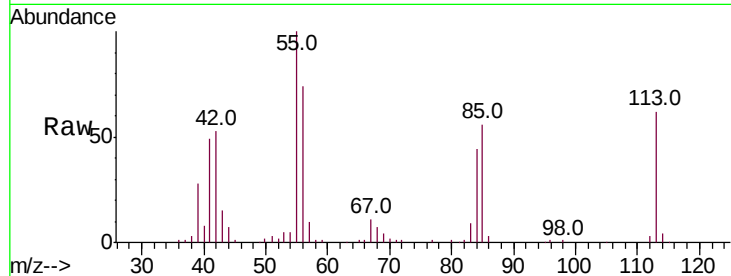
#35
Caprolactam
Concen: 43.387 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.1	138.1	178.1
56	117.7	100.6	140.6

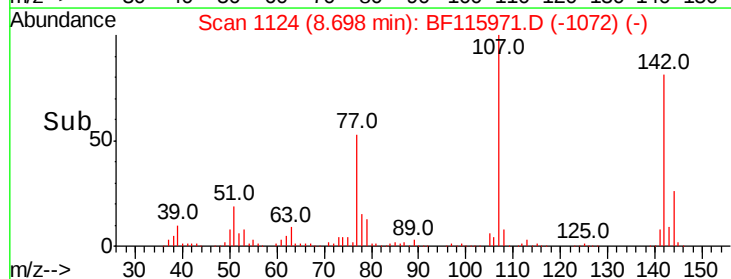
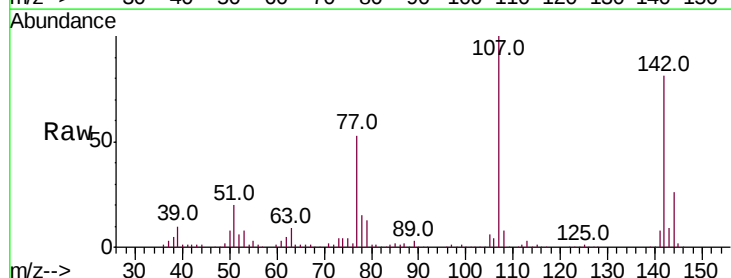
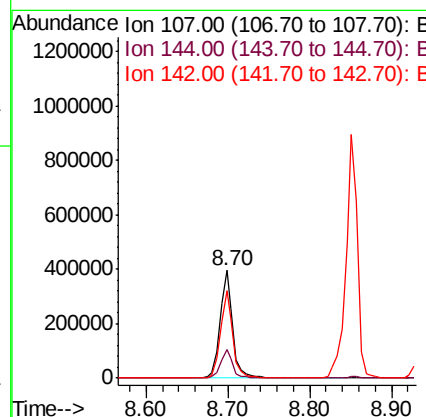
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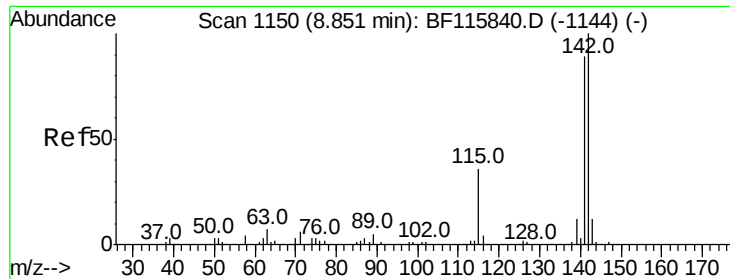
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#36
4-Chloro-3-methylphenol
Concen: 47.719 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.4	32.0
142	80.7	65.5	98.3





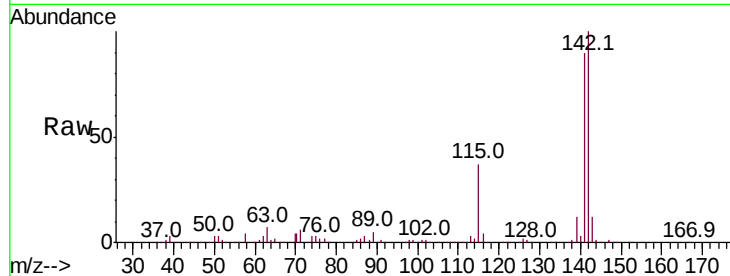
#37
2-Methylnaphthalene
Concen: 46.498 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	876135		
141	89.7	71.4	107.2	
115	36.5	28.9	43.3	

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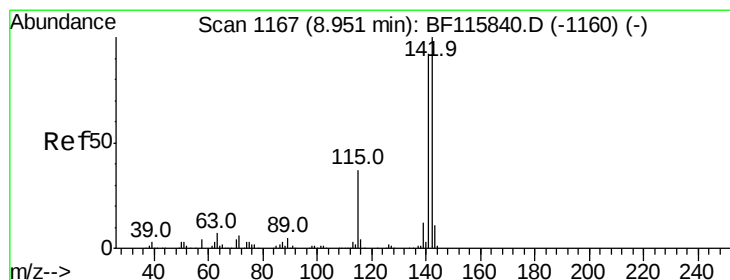
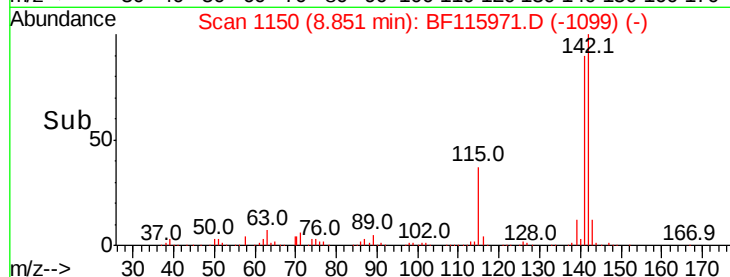
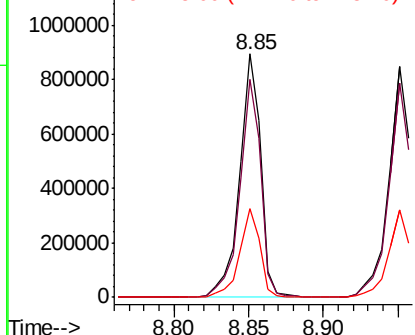


Abundance

Ion 142.00 (141.70 to 142.70): E

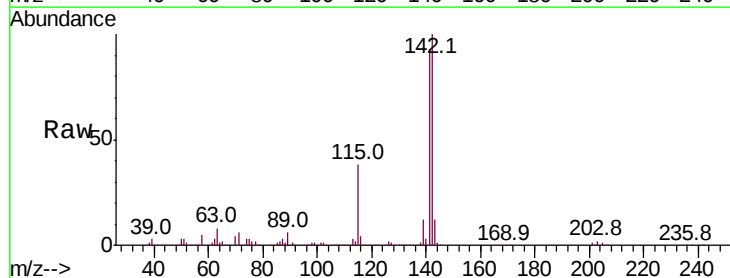
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.923 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	818607		
141	92.6	73.8	110.6	
116	4.0	3.1	4.7	

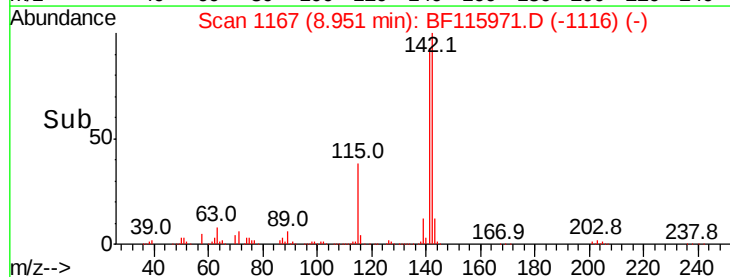
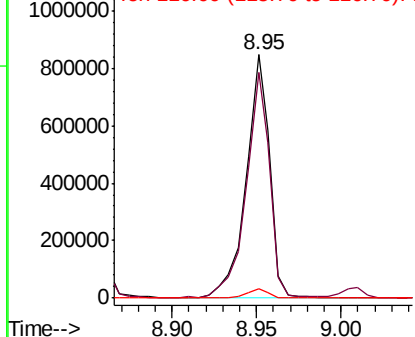


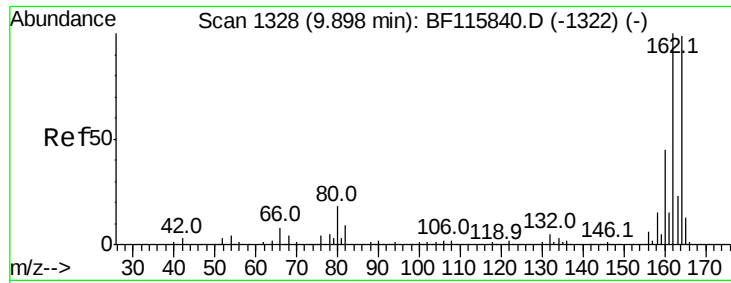
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





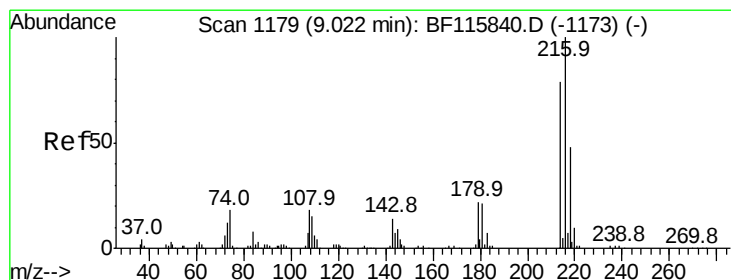
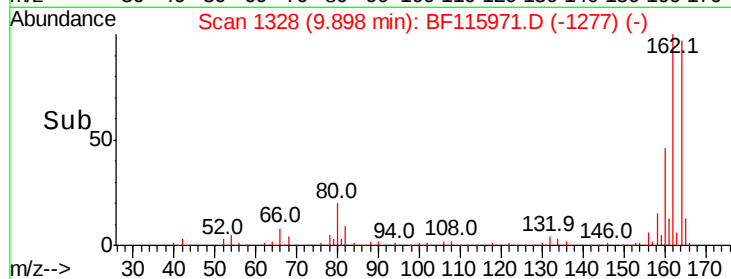
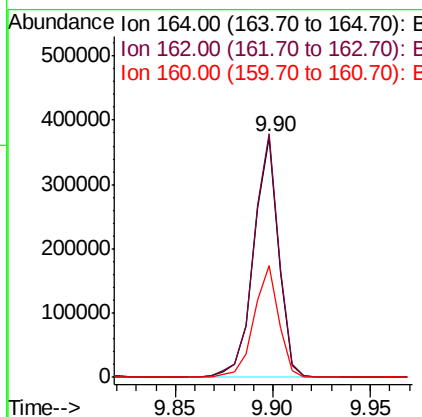
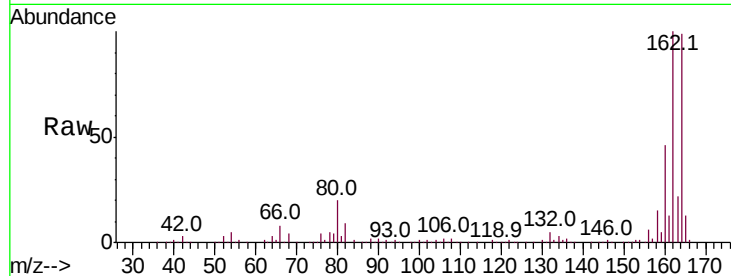
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.8	121.2	
160	46.5	36.2	54.4	

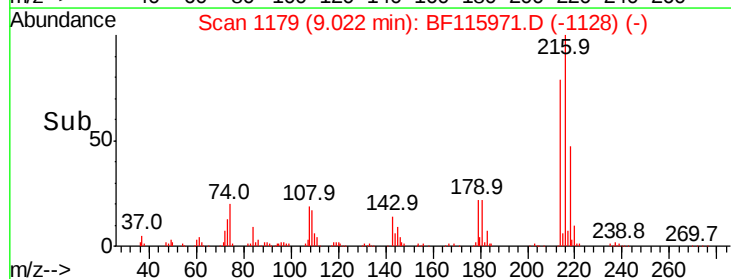
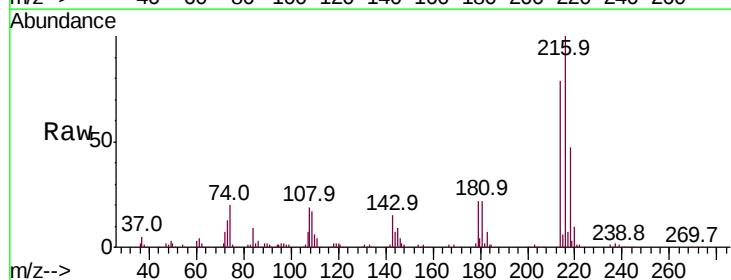
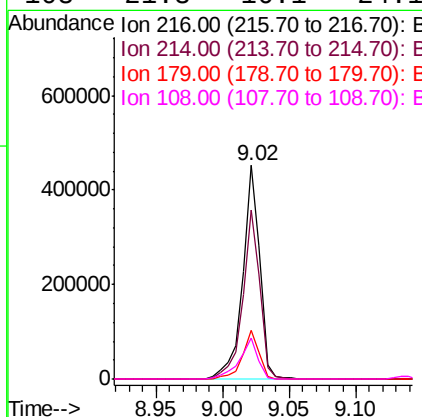
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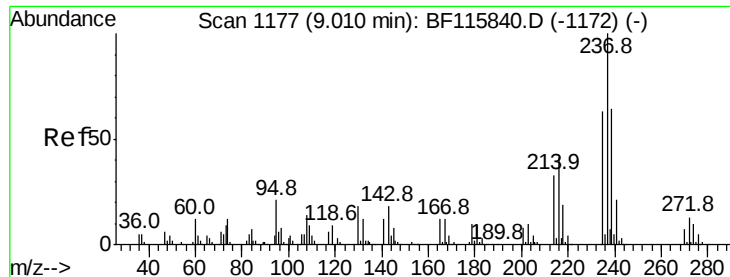
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.419 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	62.8	94.2	
179	22.1	17.6	26.4	
108	21.3	16.1	24.1	





#41

Hexachlorocyclopentadiene

Concen: 68.354 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

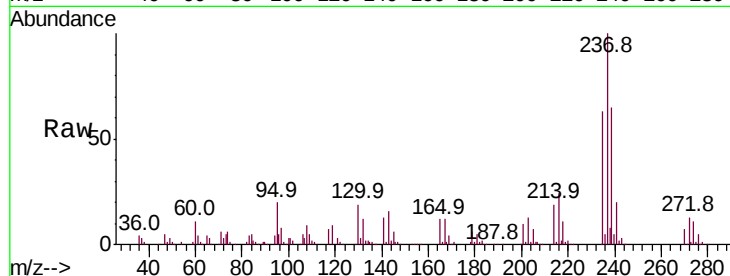
ClientSampleId :

PB121947BS

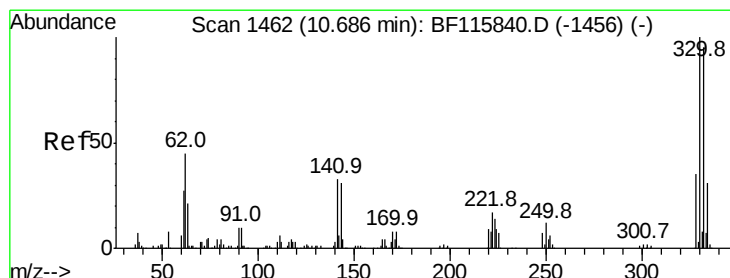
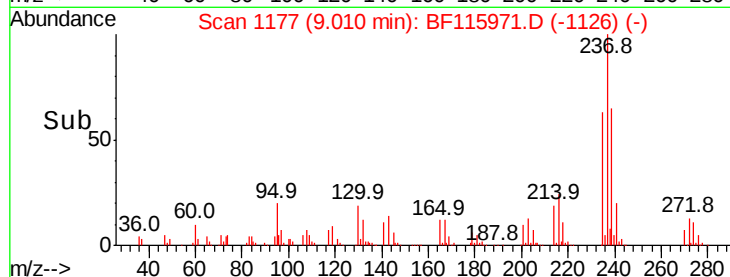
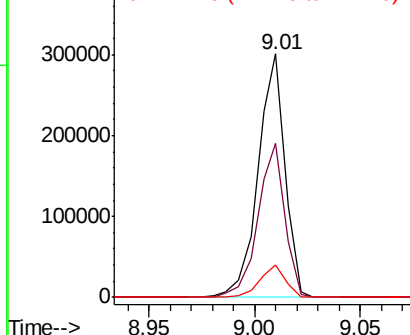
Tot Ion:	237	Resp:	266794
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.5	82.5
272	13.3	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.456 ng

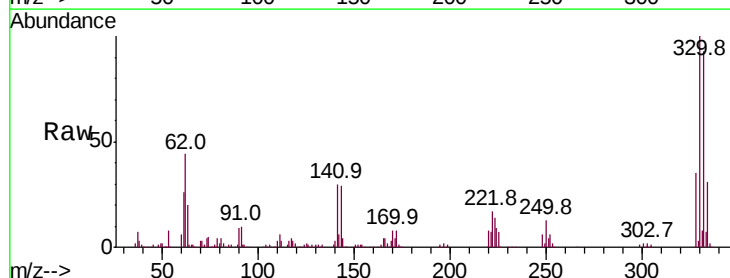
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

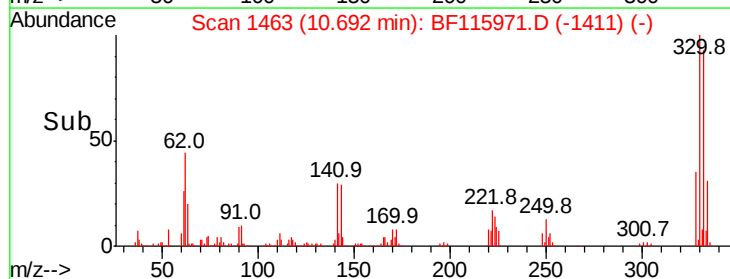
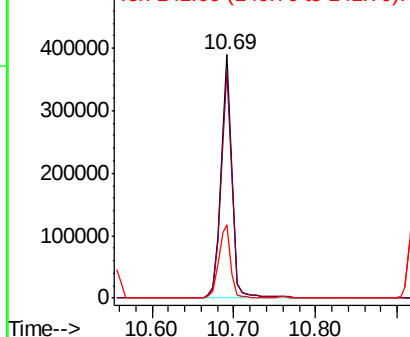
Lab File: BF115971.D

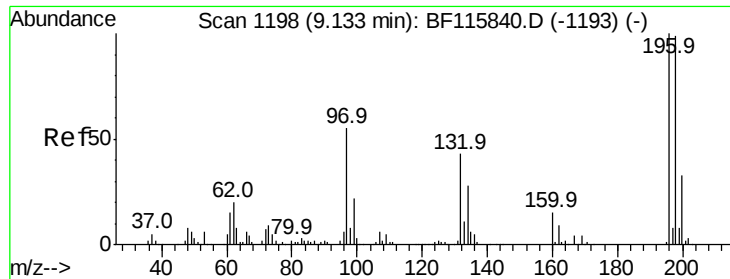
Acq: 3 Aug 2019 10:34

Tgt Ion:	330	Resp:	372260
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.7	116.5
141	32.6	28.1	42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





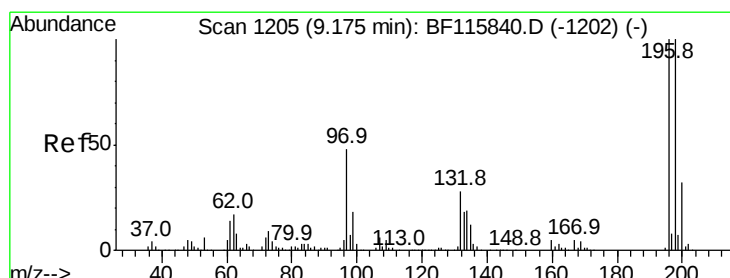
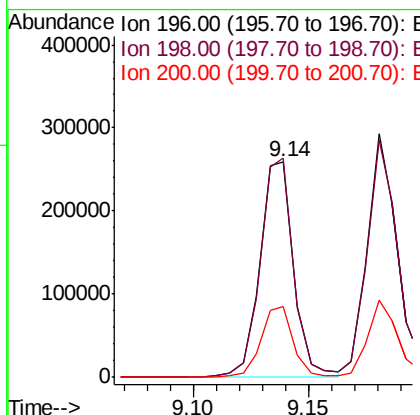
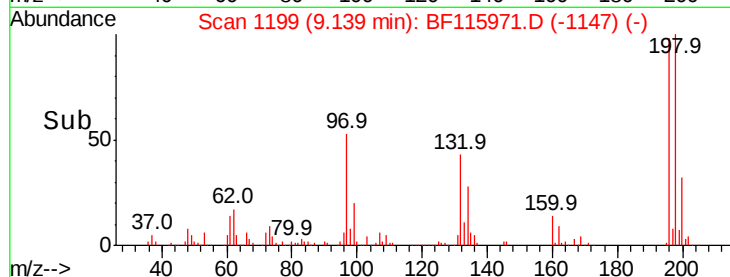
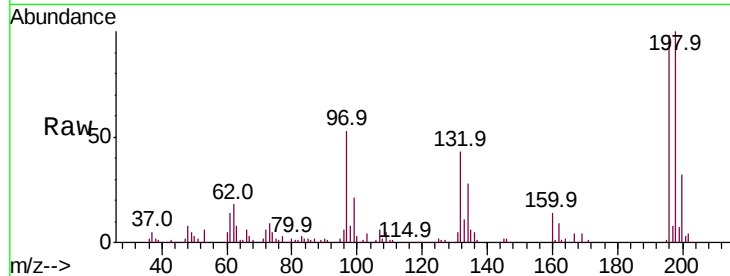
#43
 2,4,6-Trichlorophenol
 Concen: 43.688 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampled :
 PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265058		
198	101.9	79.1	118.7	
200	32.9	26.0	39.0	

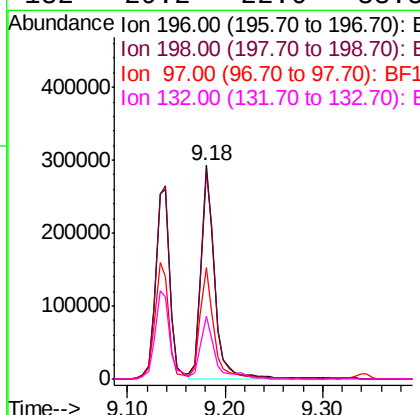
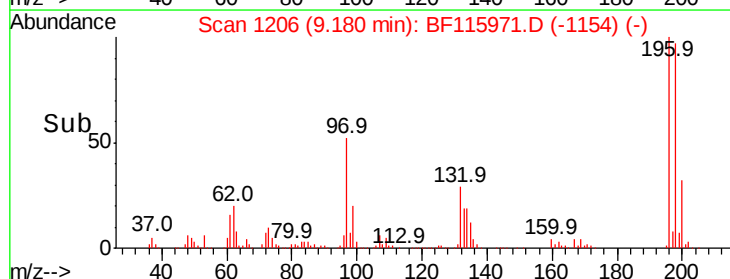
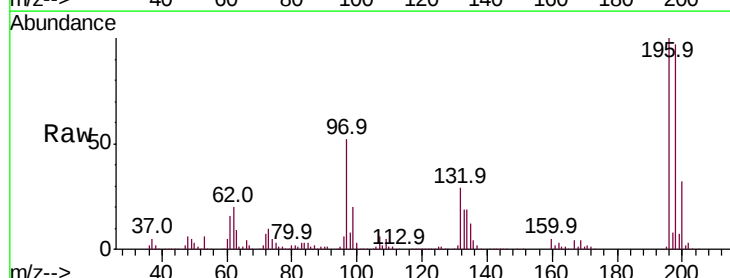
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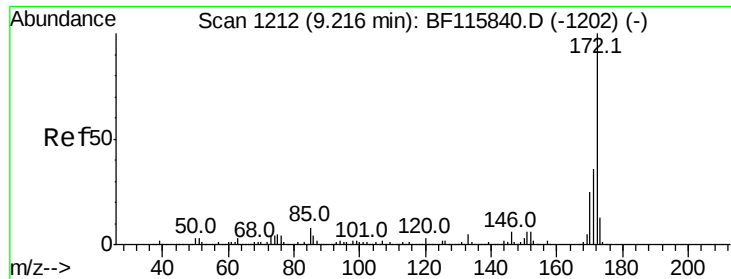
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.933 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281795		
198	97.4	80.1	120.1	
97	52.1	38.9	58.3	
132	29.2	22.6	33.8	





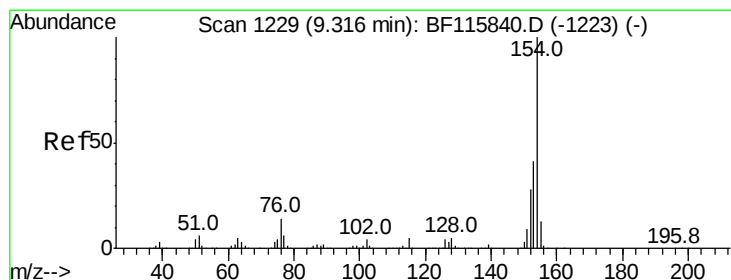
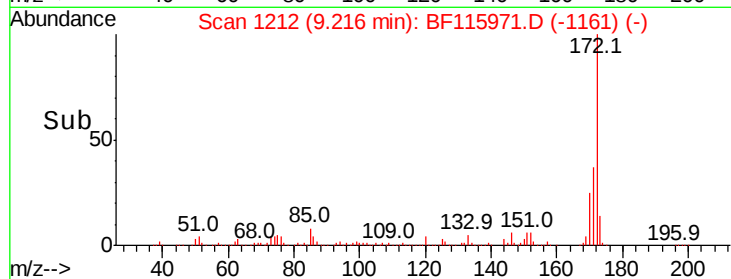
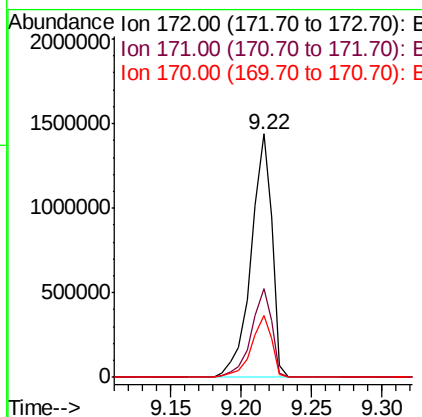
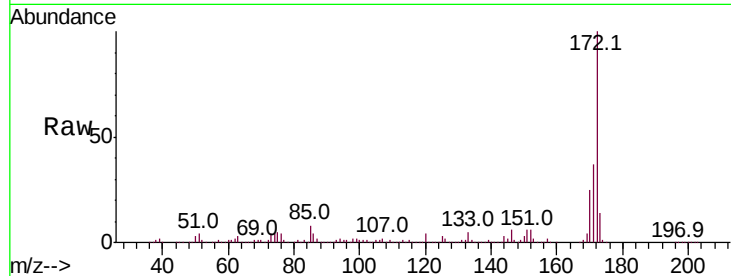
#45
2-Fluorobiphenyl
Concen: 85.224 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	25.2	20.1	30.1

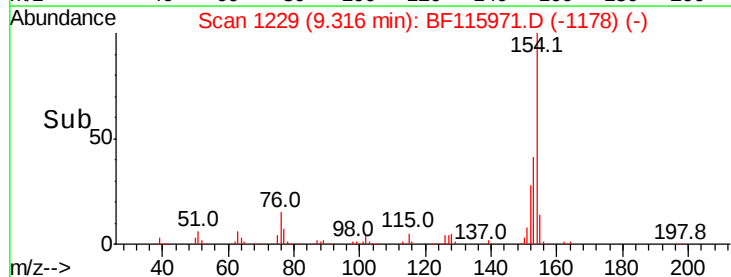
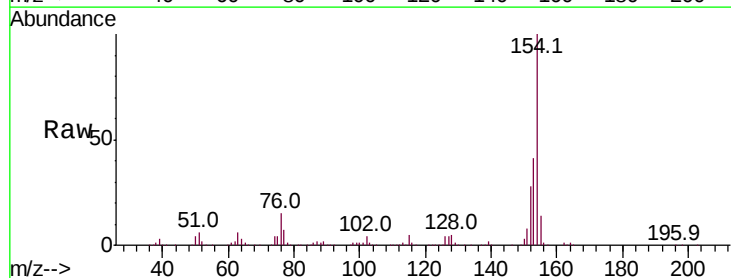
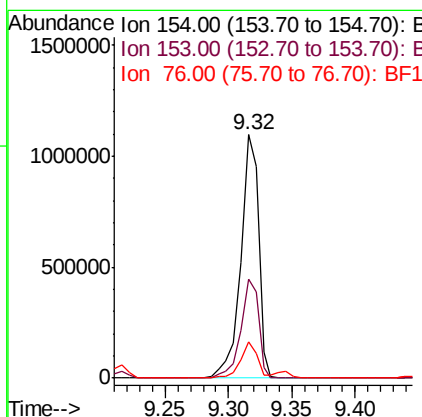
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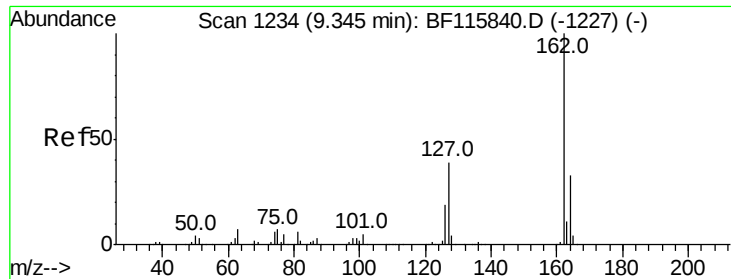
mohammad
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#46
1,1'-Biphenyl
Concen: 45.440 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	15.1	0.0	34.3





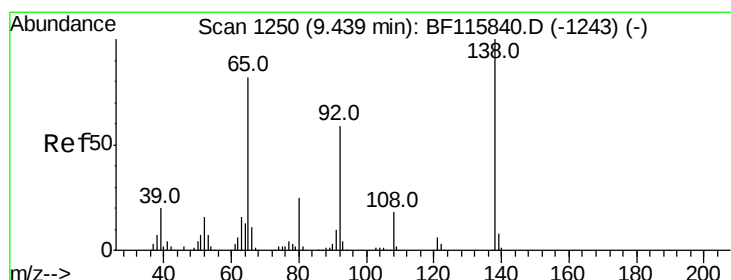
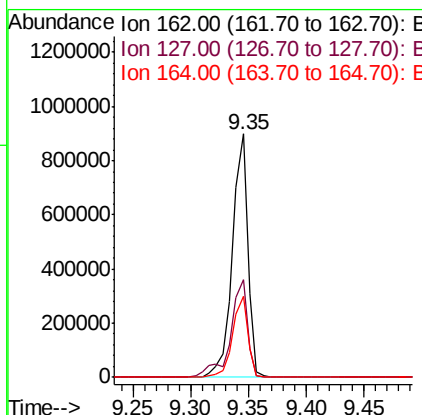
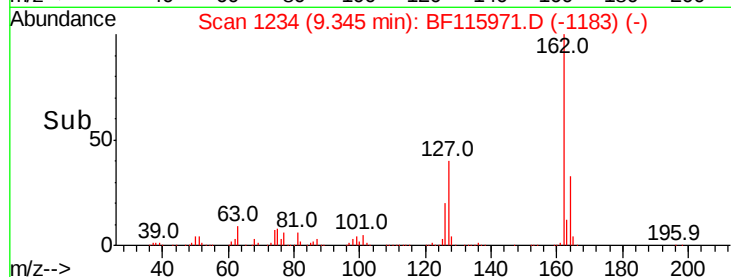
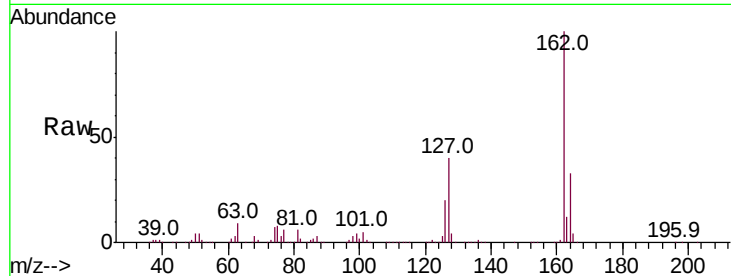
#47
 2-Chloronaphthalene
 Concen: 43.238 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	31.3	46.9	
164	33.1	26.6	40.0	

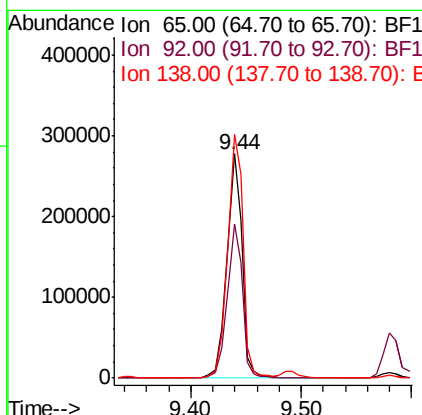
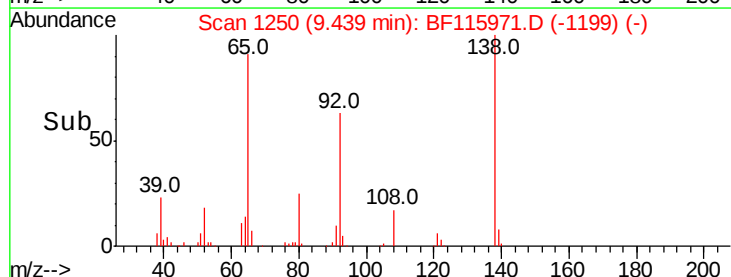
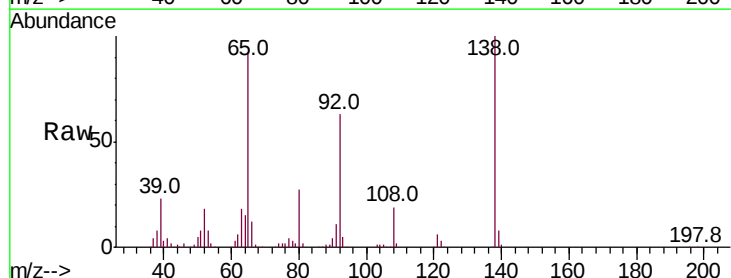
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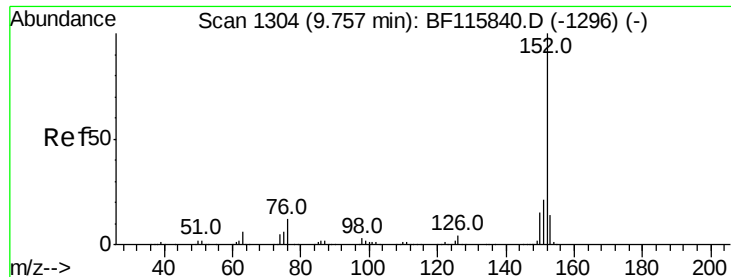
mohammad
 8/8/2019 4:45:13 PM



#48
 2-Nitroaniline
 Concen: 42.245 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.8	57.1	85.7	
138	108.7	97.1	145.7	





#49

Acenaphthylene

Concen: 45.249 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tot Ion:152 Resp: 1278910

Ion Ratio Lower Upper

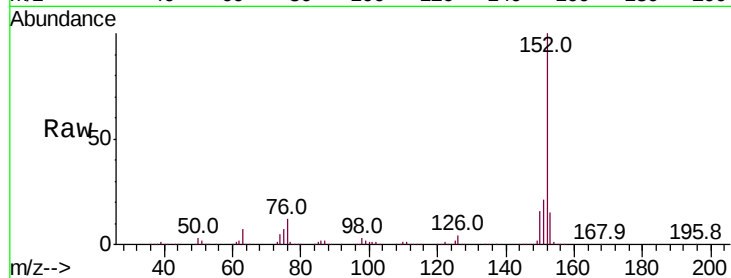
152 100

151 21.2 16.8 25.2

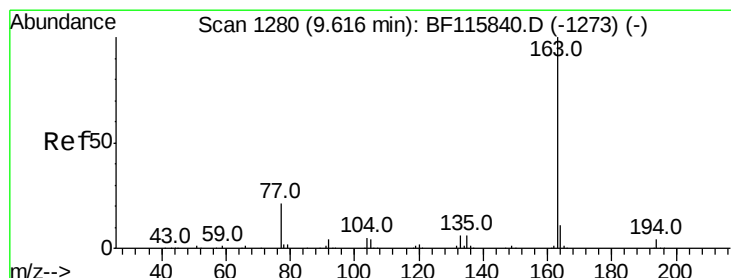
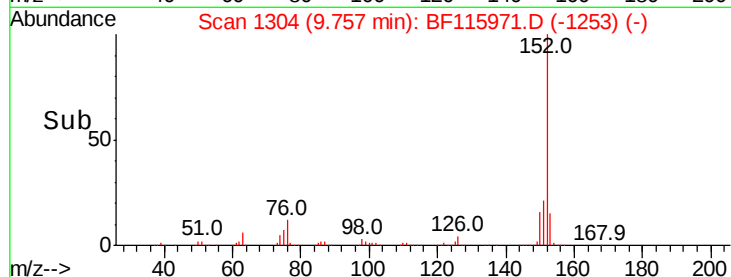
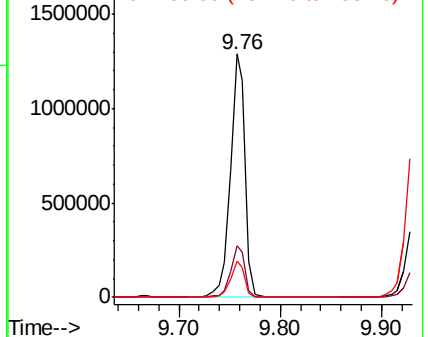
153 14.7 11.6 17.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.226 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

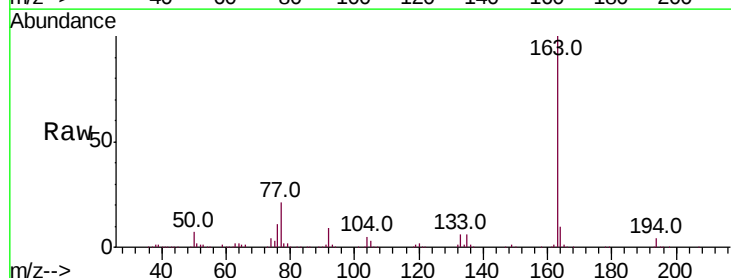
Tgt Ion:163 Resp: 992840

Ion Ratio Lower Upper

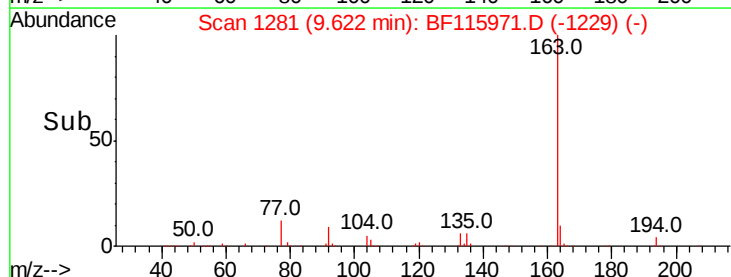
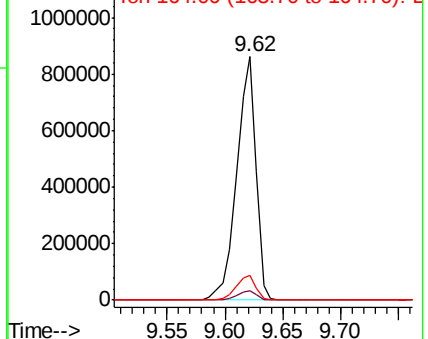
163 100

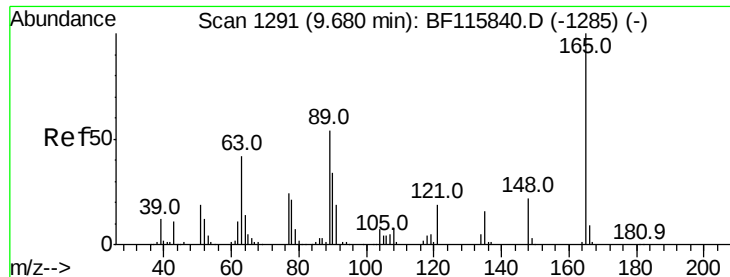
194 3.9 3.0 4.6

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.727 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

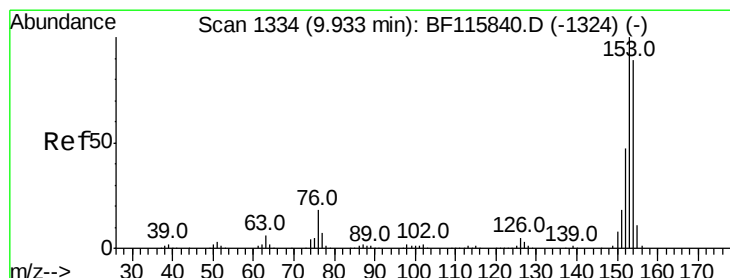
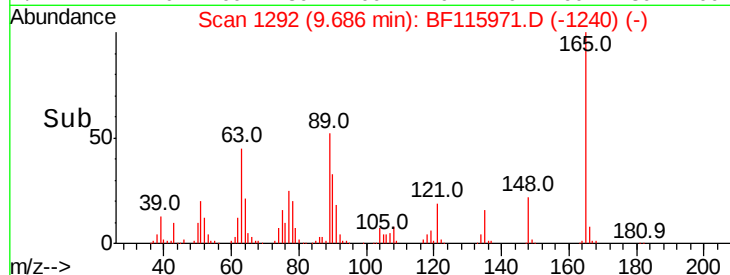
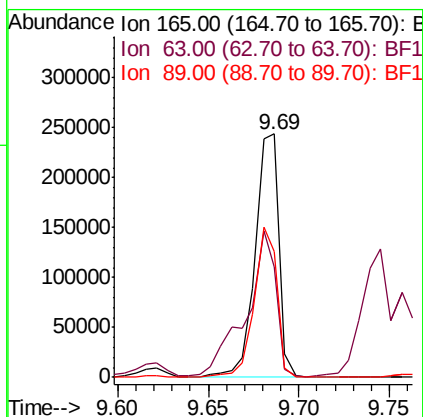
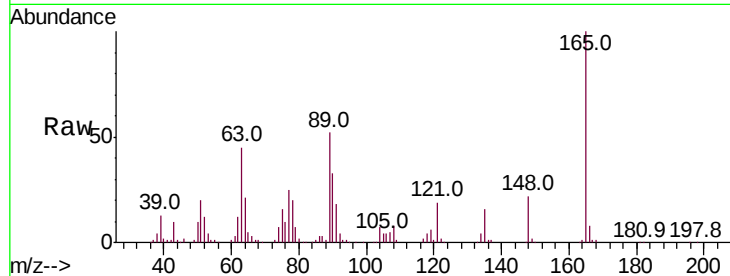
ClientSampleId :

PB121947BS

Tot Ion:	165	Resp:	223086
Ion Ratio	Lower	Upper	
165	100		
63	45.2	39.4	59.2
89	51.8	43.0	64.6

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#52

Acenaphthene

Concen: 43.976 ng

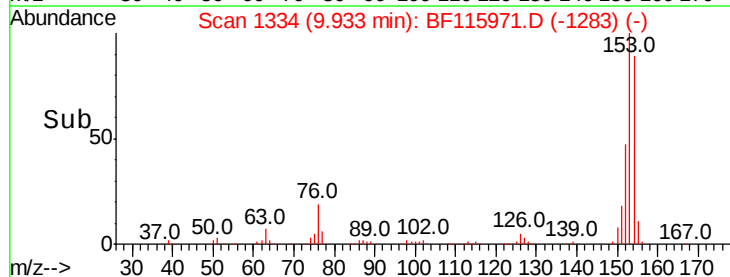
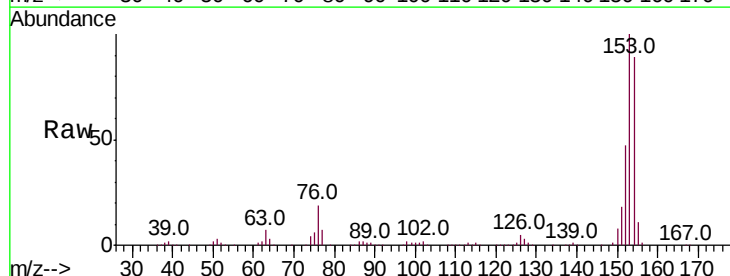
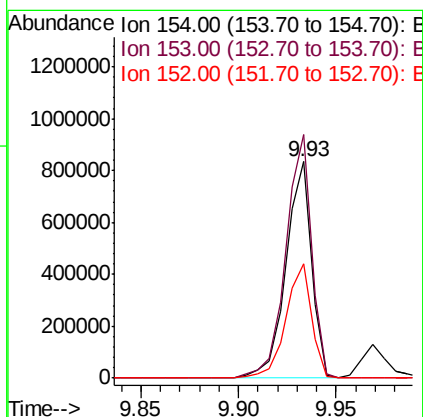
RT: 9.93 min Scan# 1334

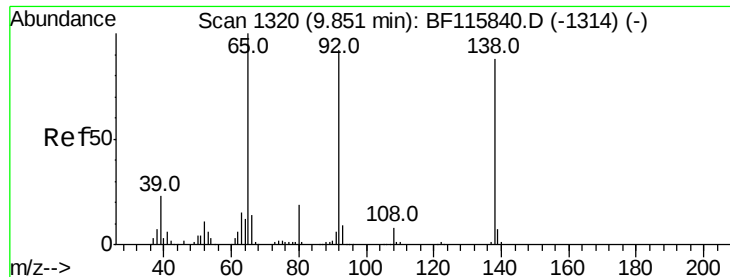
Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	154	Resp:	762523
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	53.1	42.6	63.8





#53

3-Nitroaniline

Concen: 31.103 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

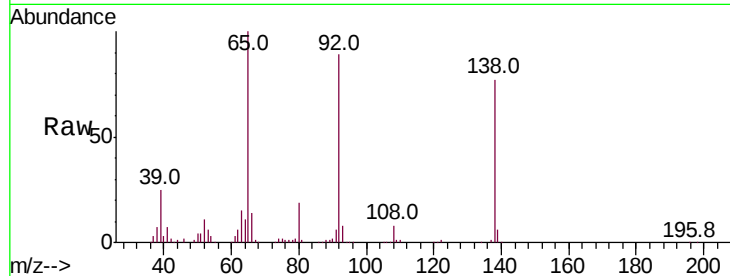
ClientSampleId :

PB121947BS

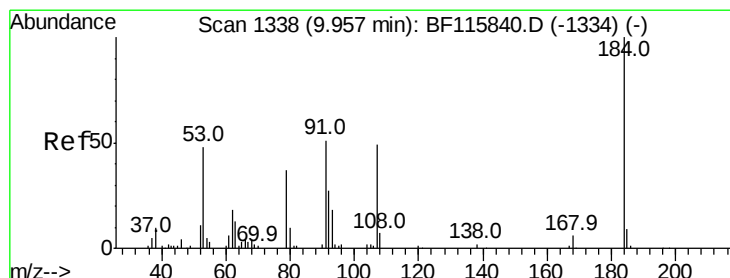
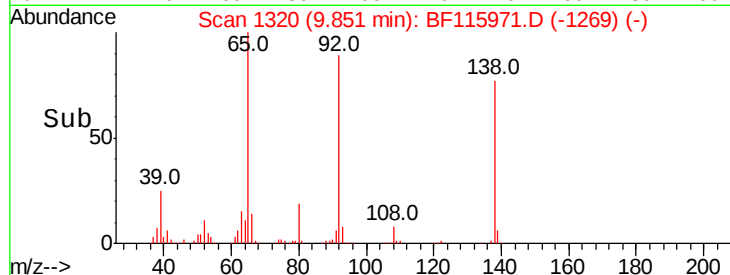
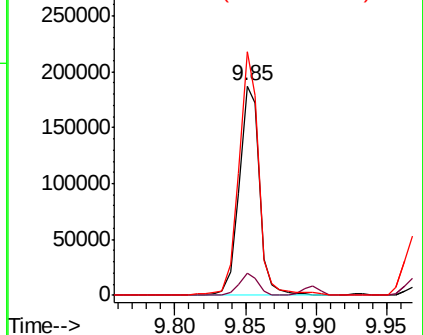
Tot Ion:138	Resp:	187492
Ion Ratio	Lower	Upper
138 100		
108 10.5	7.4	11.2
92 116.4	83.9	125.9

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 77.568 ng

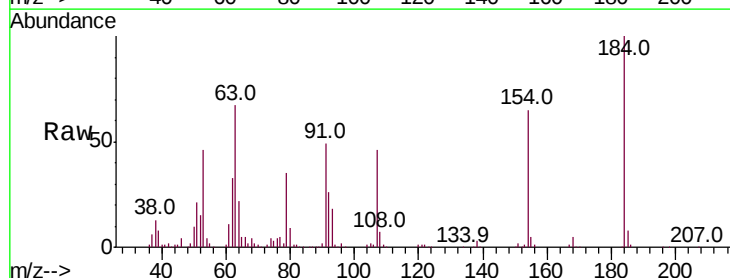
RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

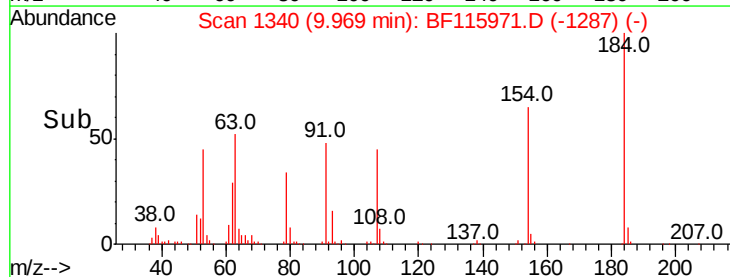
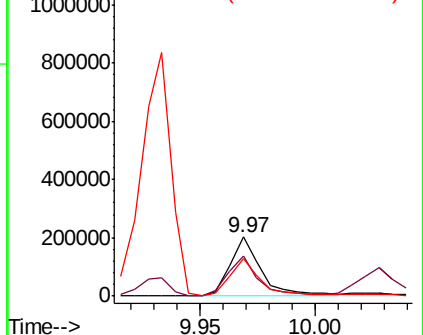
Lab File: BF115971.D

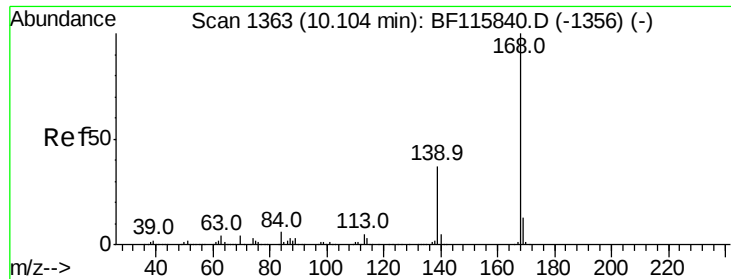
Acq: 3 Aug 2019 10:34

Tgt Ion:184	Resp:	191818
Ion Ratio	Lower	Upper
184 100		
63 67.2	56.7	85.1
154 64.6	51.9	77.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





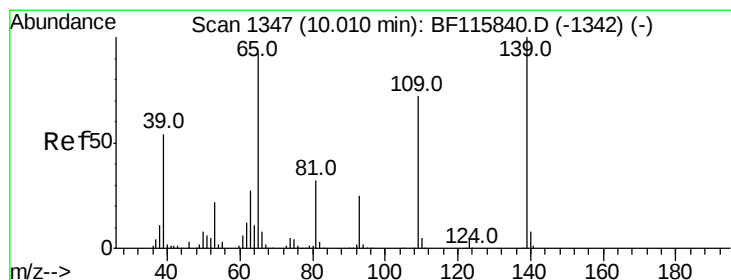
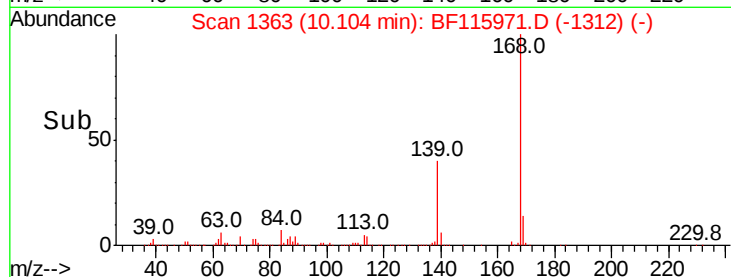
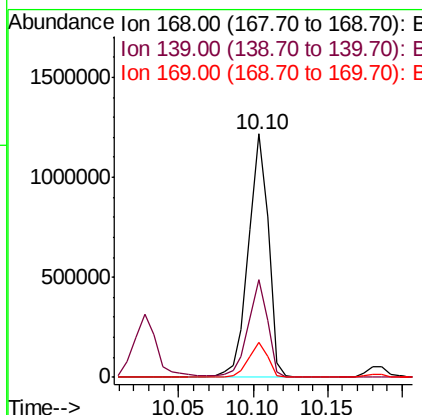
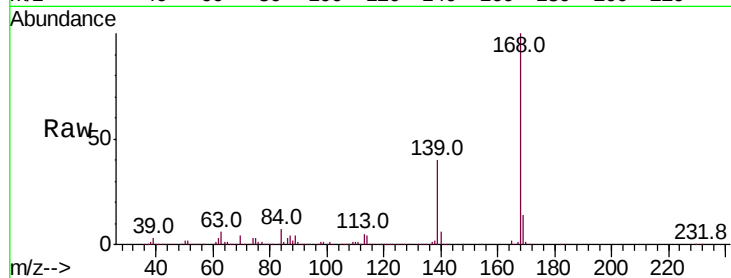
#55
Dibenzofuran
Concen: 44.471 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.2	45.2
169	14.2	10.8	16.2

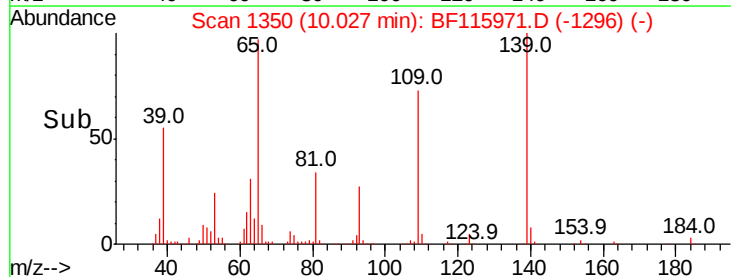
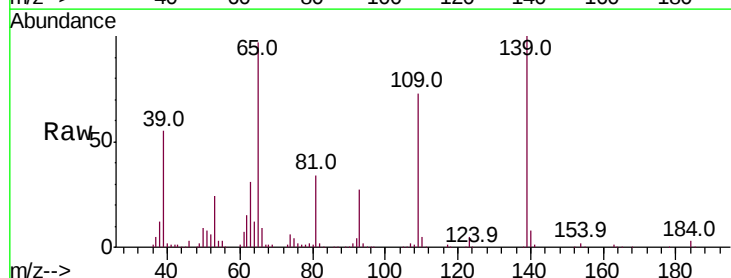
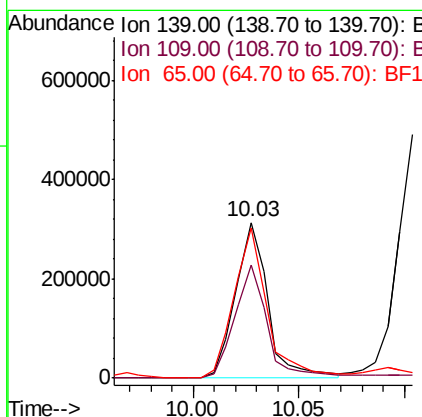
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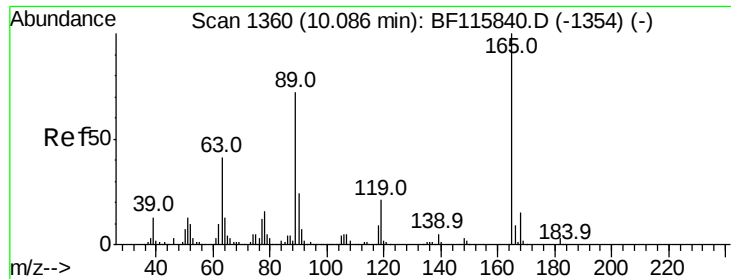
mohammad
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#56
4-Nitrophenol
Concen: 86.943 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	52.0	92.0
65	96.8	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 44.123 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tot Ion:165 Resp: 286601

Ion Ratio Lower Upper

165 100

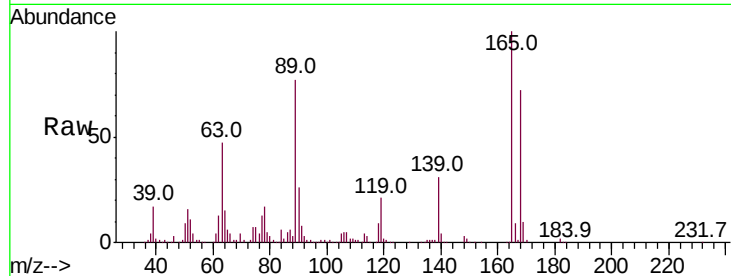
63 46.8 33.2 49.8

89 77.1 57.3 85.9

182 2.3 2.1 3.1

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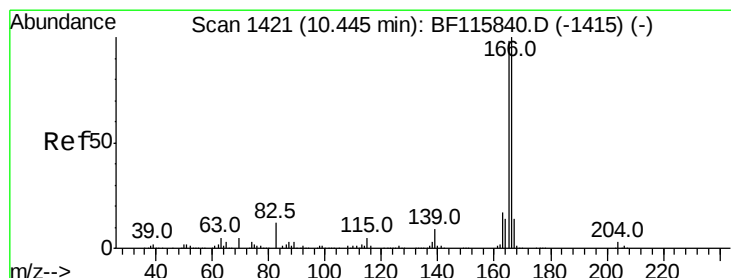
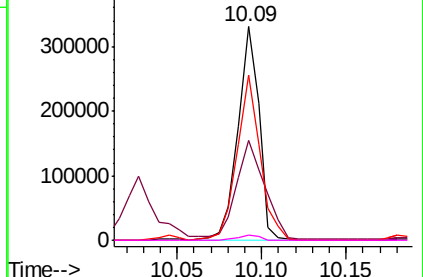
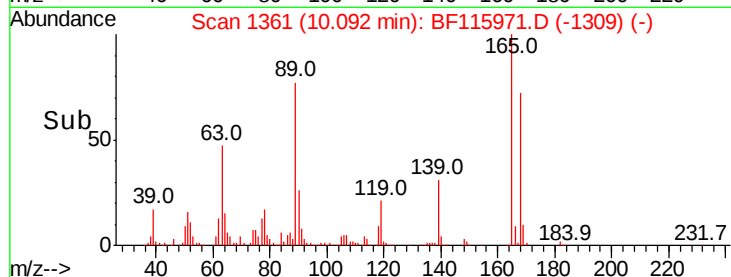
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



#58

Fluorene

Concen: 44.596 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

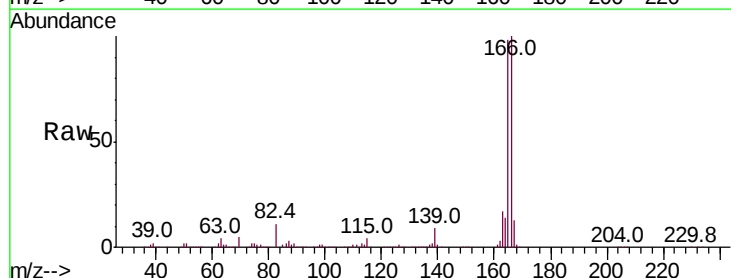
Tgt Ion:166 Resp: 865193

Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.2 10.9 16.3

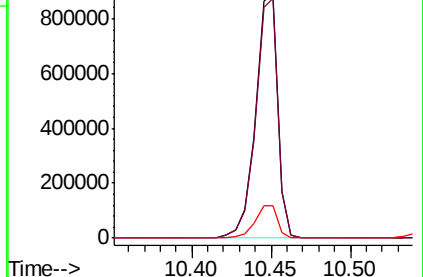
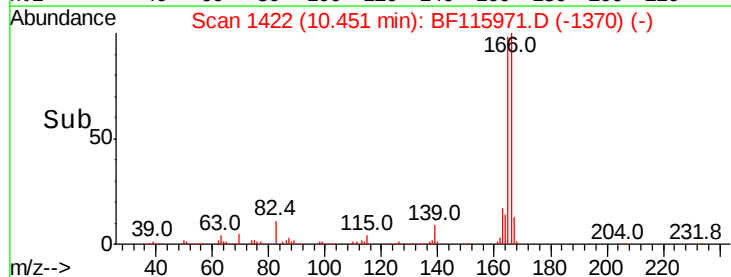


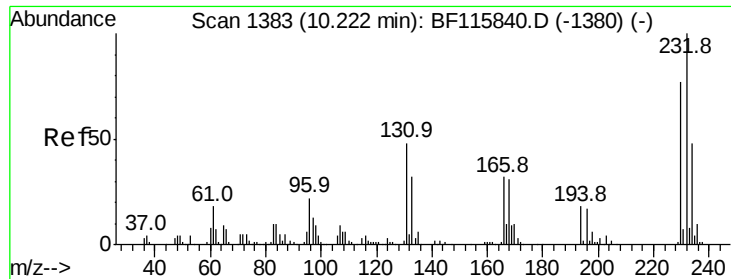
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





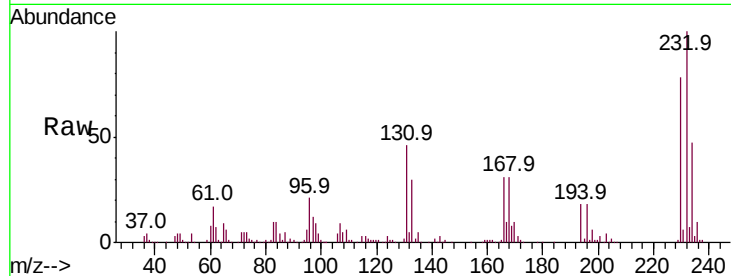
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.306 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	233771		
131	47.0		37.6	56.4
130	2.4		1.8	2.8
166	31.1		24.6	37.0

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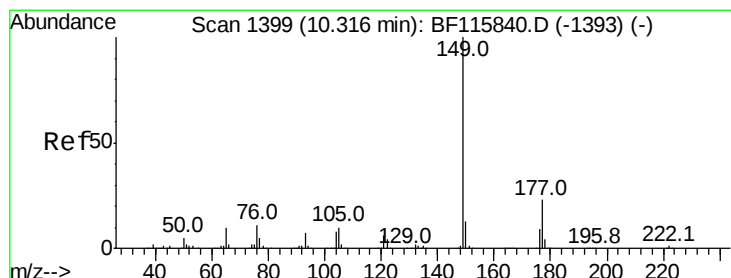
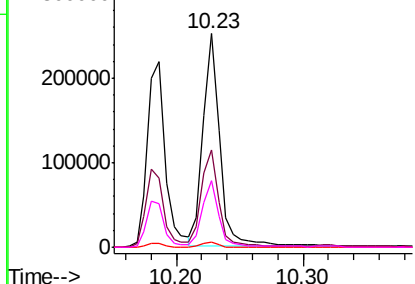
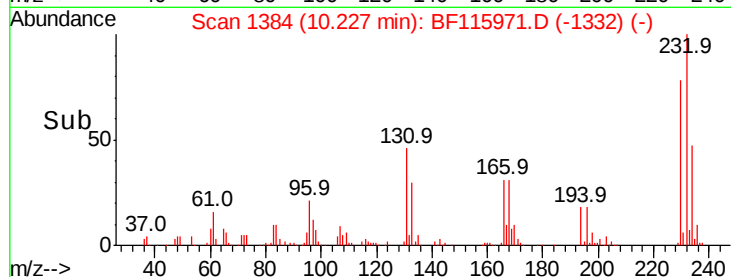
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

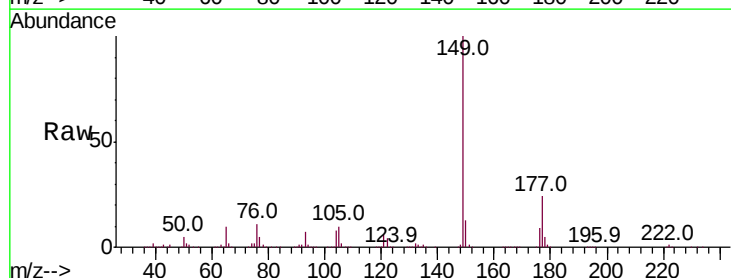
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.456 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	931756		
177	23.6		18.4	27.6
150	12.9		10.1	15.1

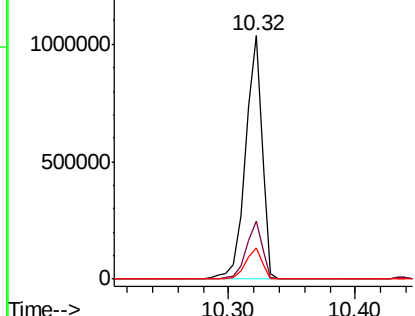
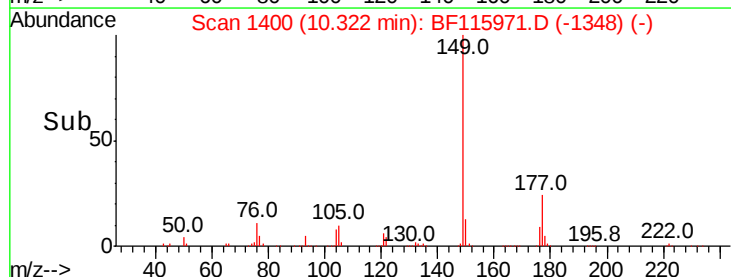


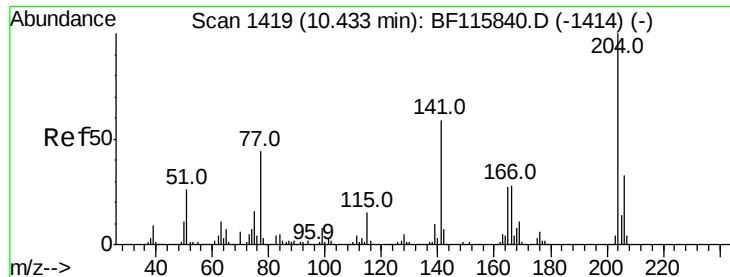
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 44.476 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tot Ion:204 Resp: 437003

Ion Ratio Lower Upper

204 100

206 32.7 26.4 39.6

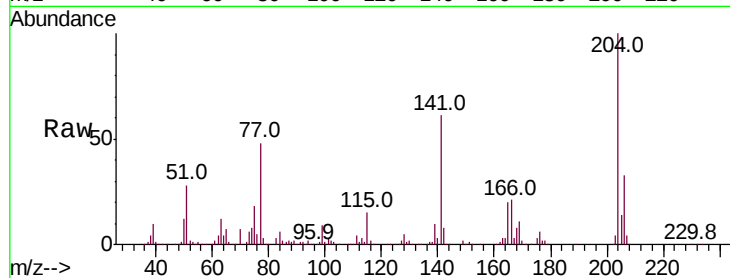
141 61.0 47.0 70.4

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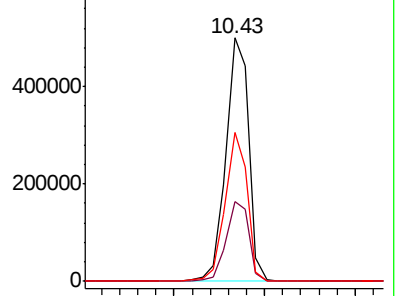
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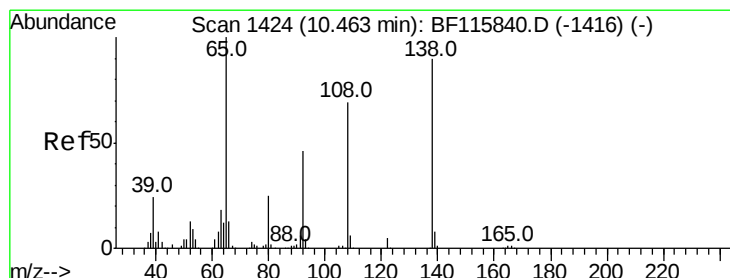
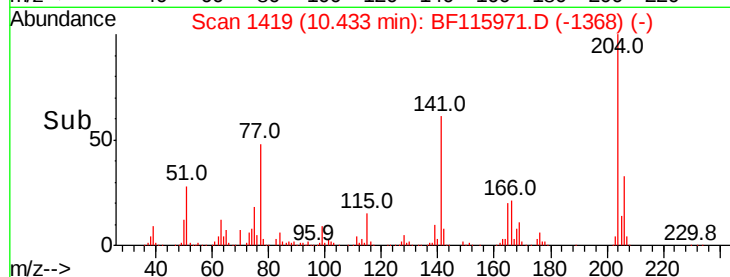
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#62

4-Nitroaniline

Concen: 40.269 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

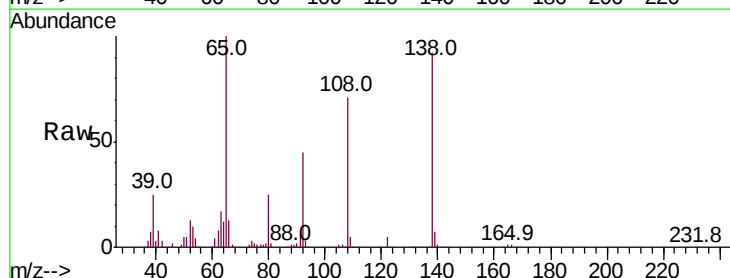
Tgt Ion:138 Resp: 250863

Ion Ratio Lower Upper

138 100

92 49.3 31.0 71.0

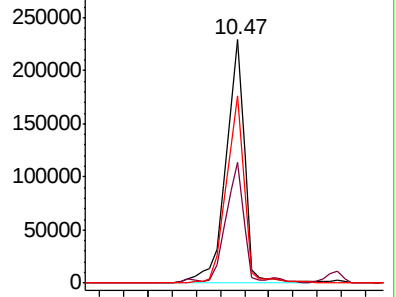
108 76.8 56.7 96.7



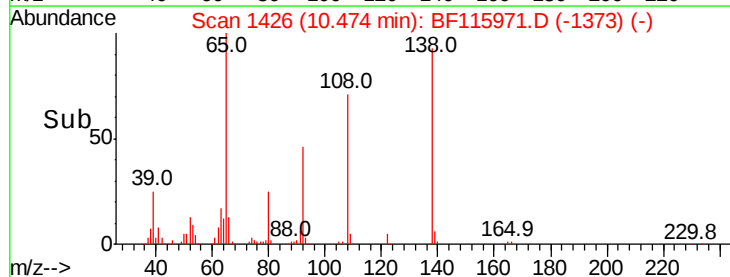
Abundance Ion 138.00 (137.70 to 138.70): E

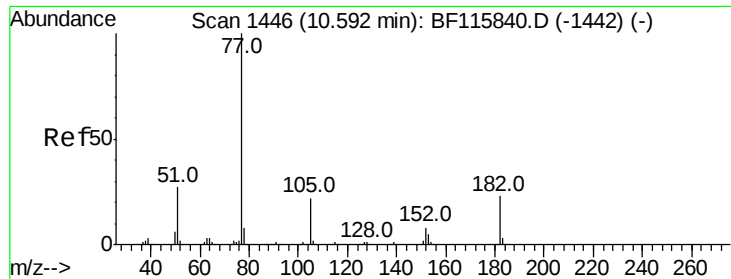
Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



Time-->





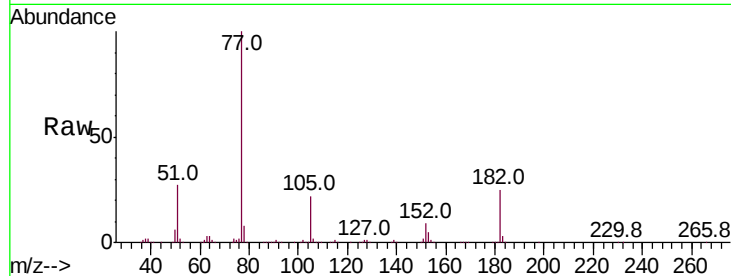
#63
Azobenzene
Concen: 45.290 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

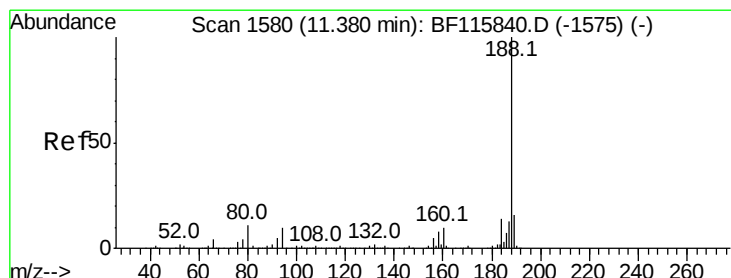
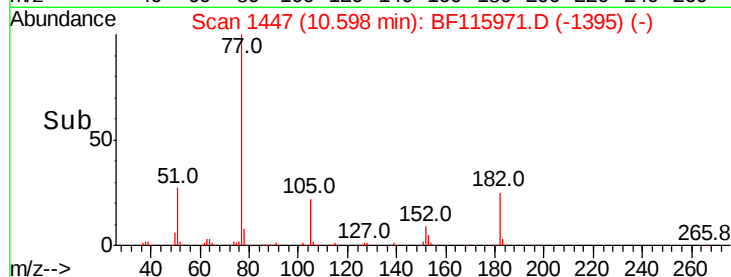
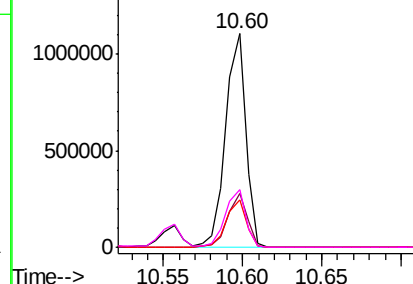
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	2.6	42.6
105	22.3	1.6	41.6
51	27.1	7.4	47.4

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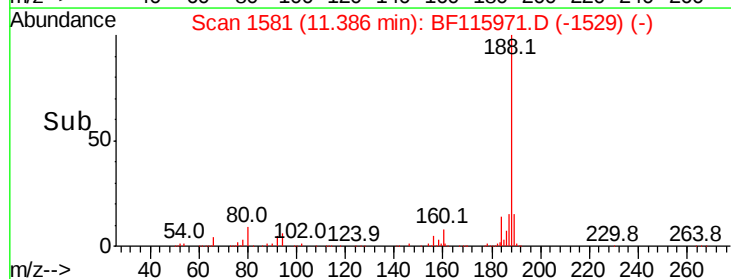
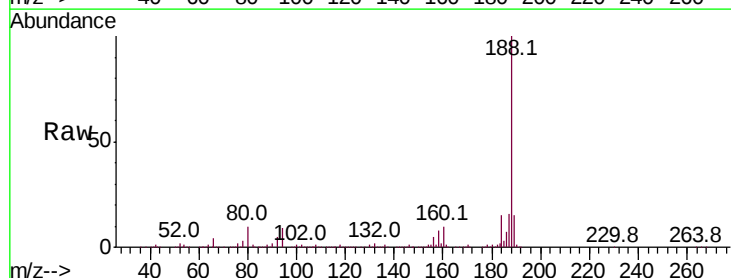
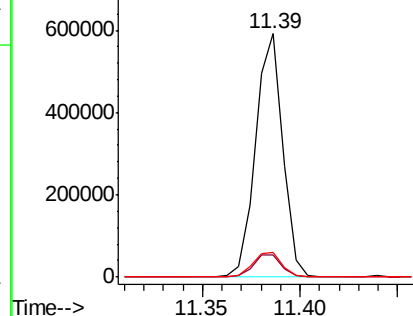
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

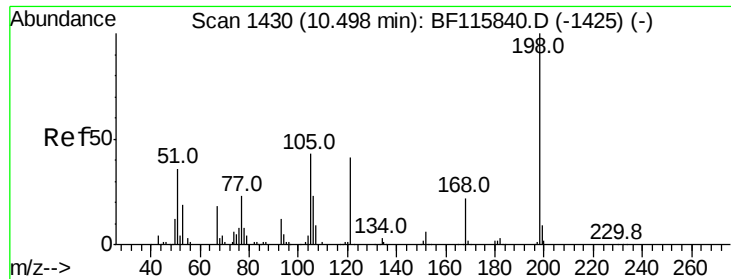


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.9	8.6	12.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.223 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

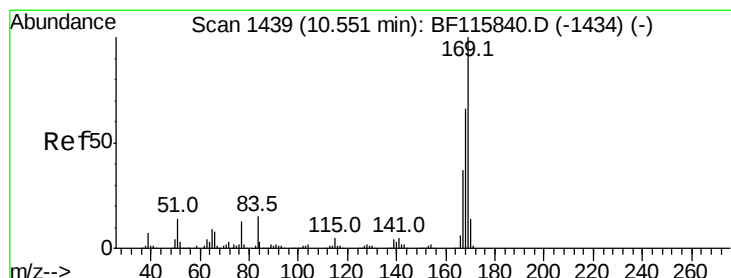
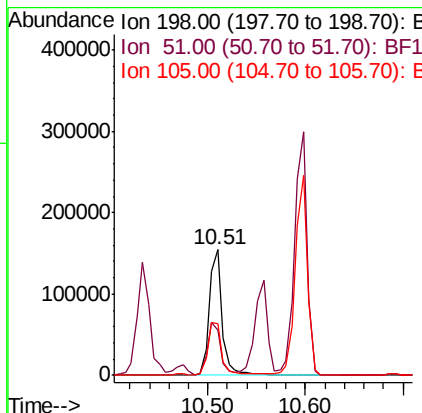
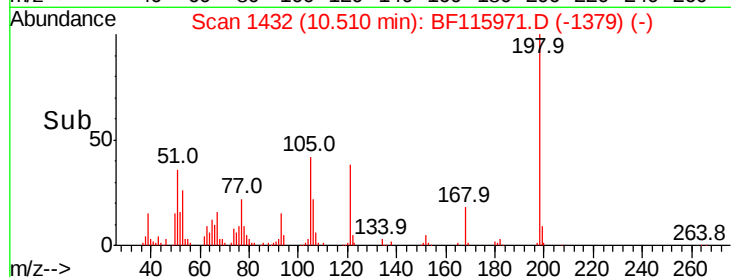
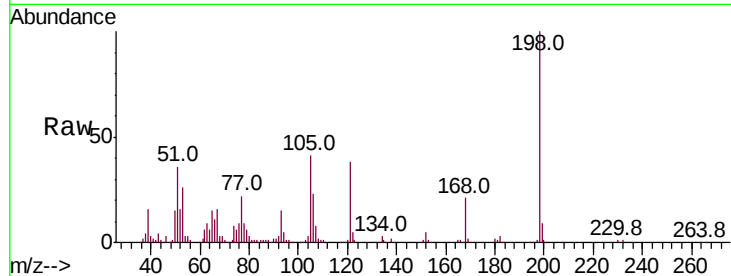
ClientSampleId :

PB121947BS

Tot Ion:	198	Resp:	142258
Ion Ratio	Lower	Upper	
198	100		
51	35.5	21.1	61.1
105	41.1	24.5	64.5

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#66

n-Nitrosodiphenylamine

Concen: 45.830 ng

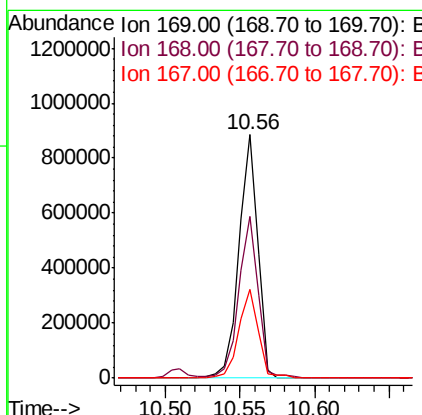
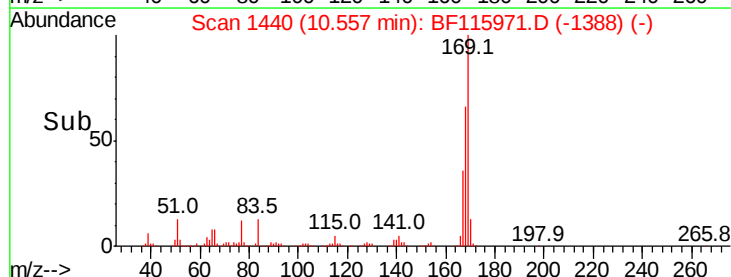
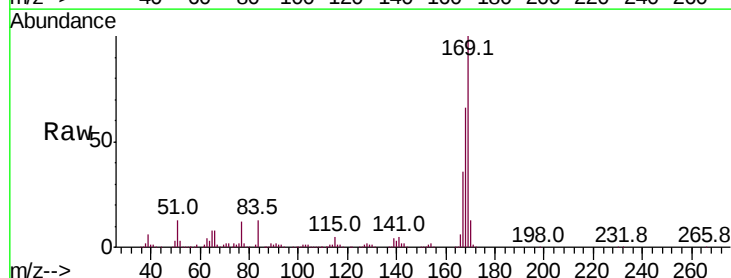
RT: 10.56 min Scan# 1440

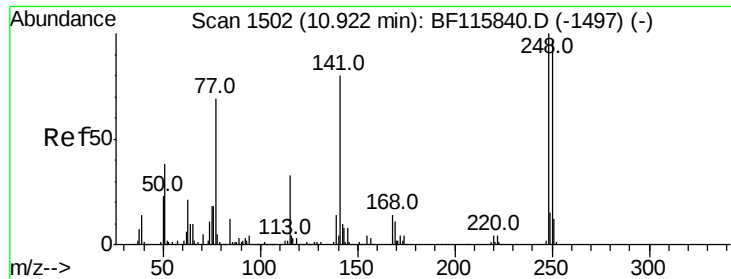
Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:	169	Resp:	784160
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.0	79.6
167	36.2	29.9	44.9





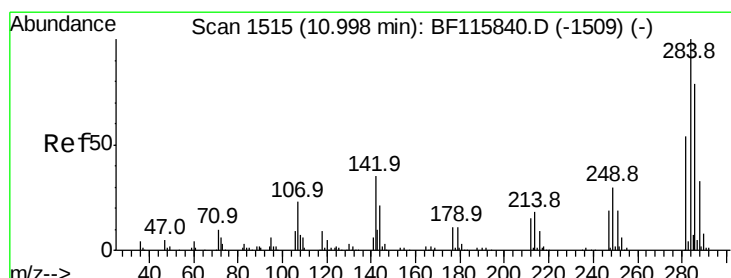
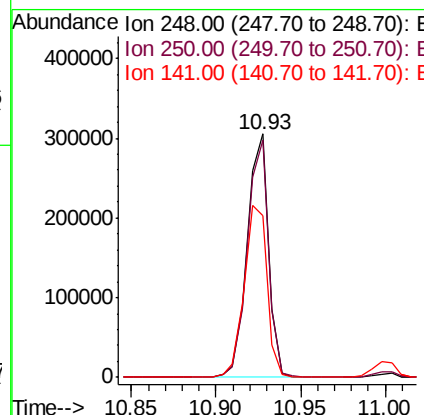
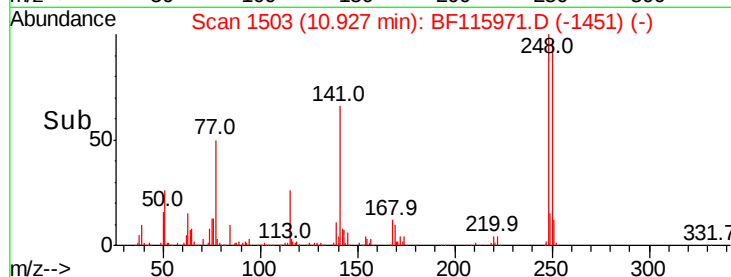
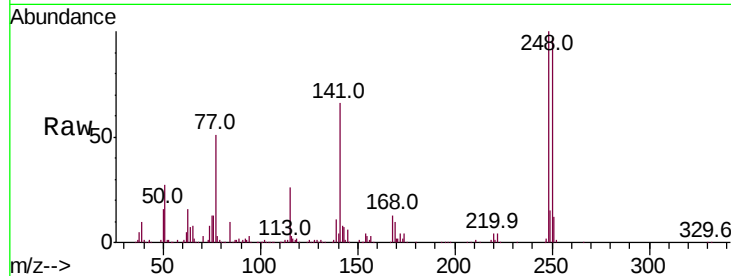
#67
4-Bromophenyl-phenylether
Concen: 44.511 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	66.3	64.3	96.5

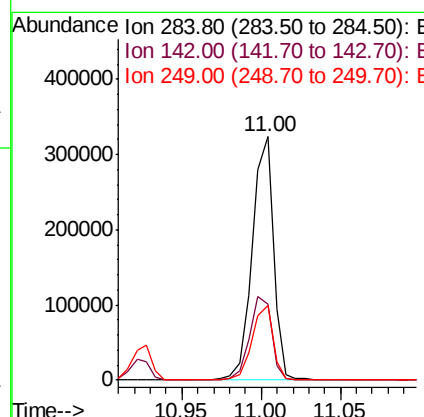
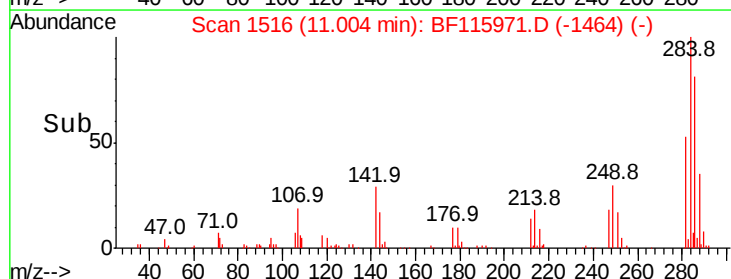
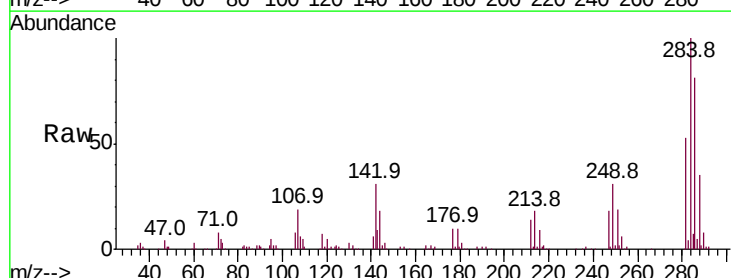
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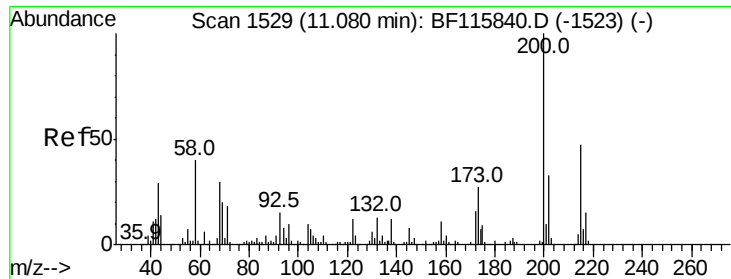
mohammad
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#68
Hexachlorobenzene
Concen: 42.685 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	28.2	42.2
249	30.5	24.0	36.0





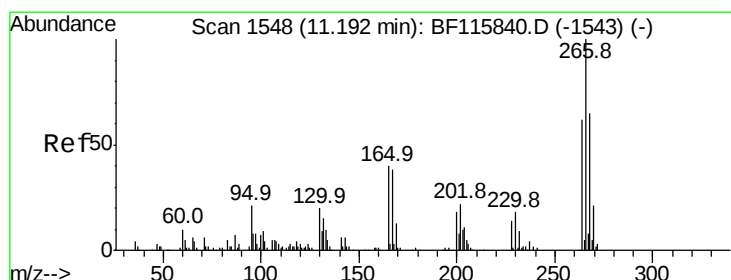
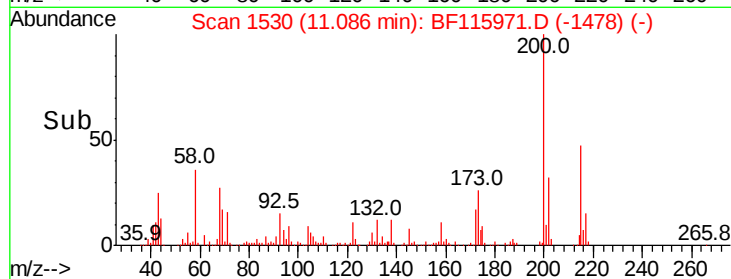
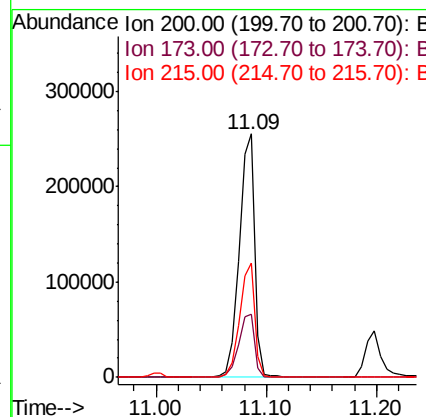
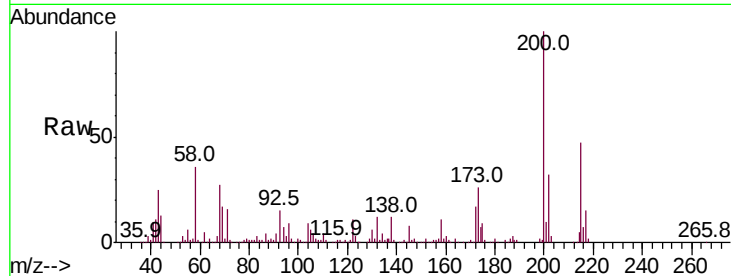
#69
Atrazine
Concen: 44.541 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	7.3	47.3
215	47.2	26.9	66.9

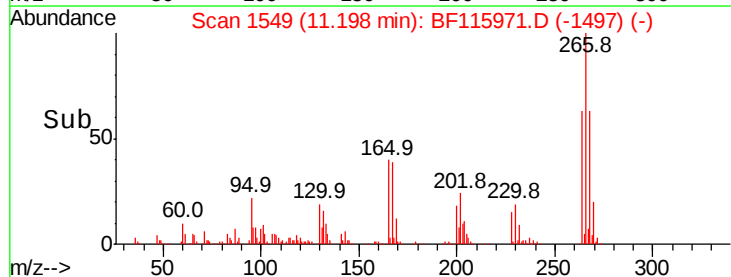
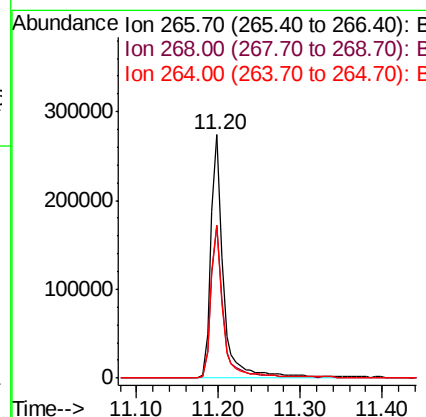
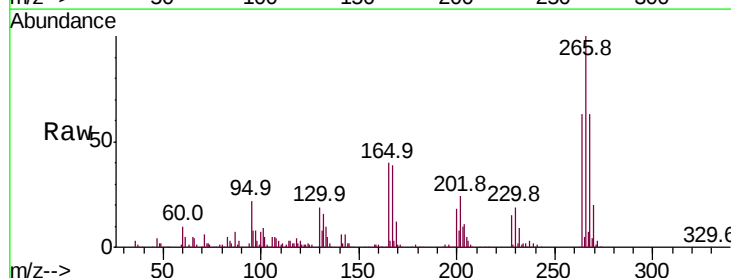
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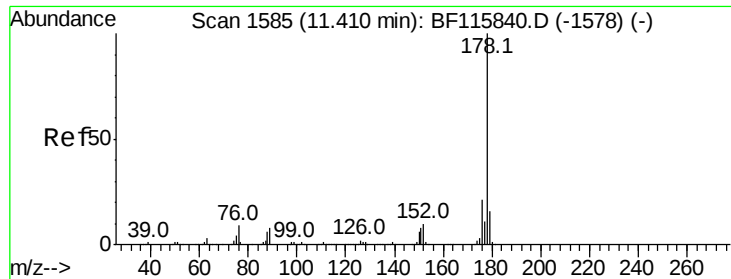
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#70
Pentachlorophenol
Concen: 86.400 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	51.6	77.4
264	62.5	49.4	74.0





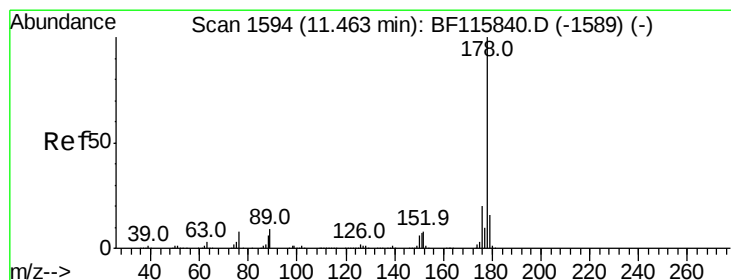
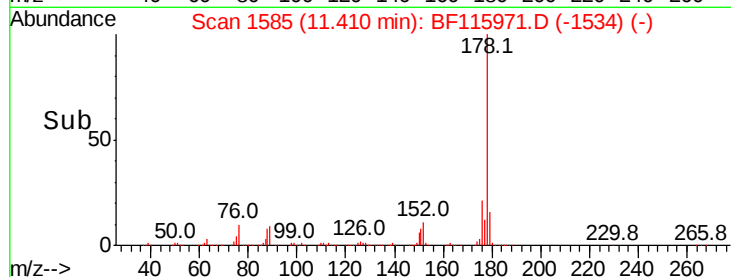
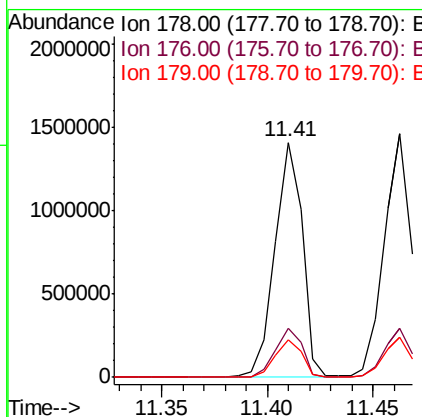
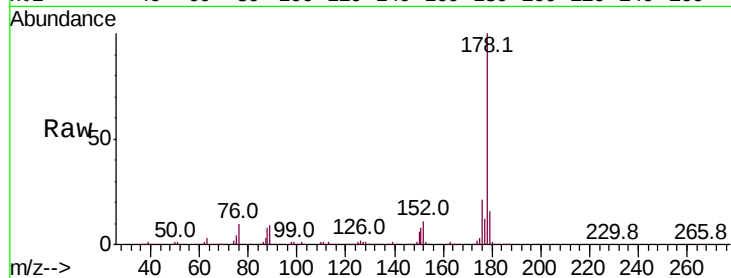
#71
Phenanthrene
Concen: 44.078 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.5	24.7
179	16.1	12.6	18.8

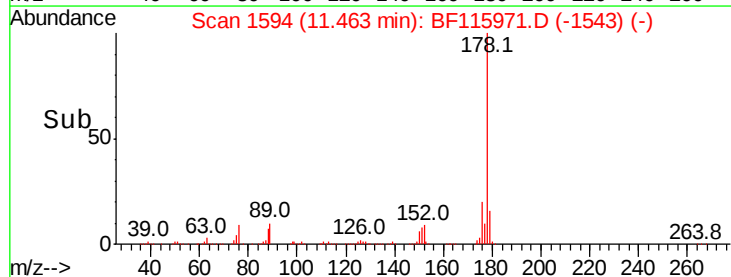
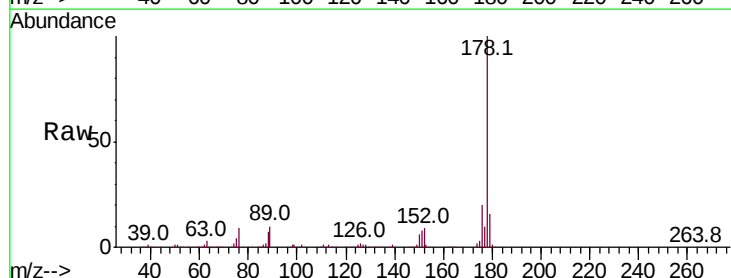
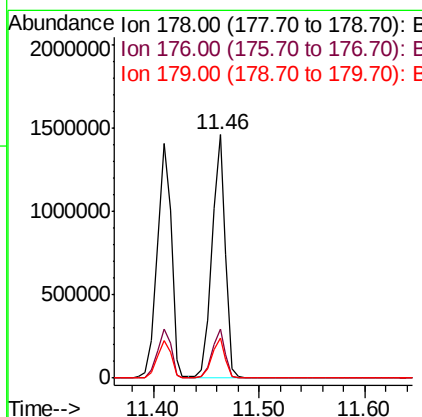
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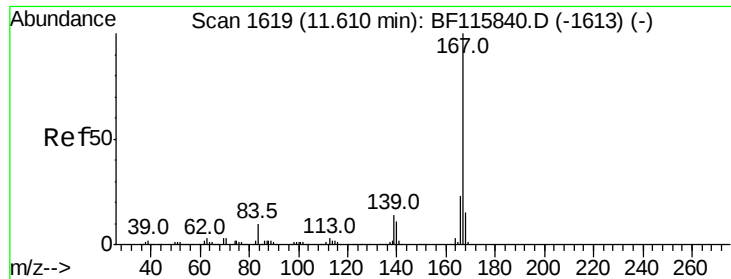
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#72
Anthracene
Concen: 44.619 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.3	12.4	18.6





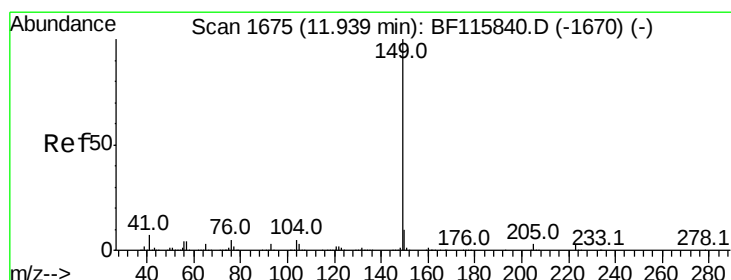
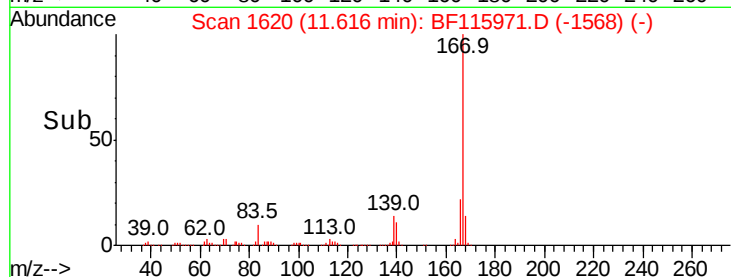
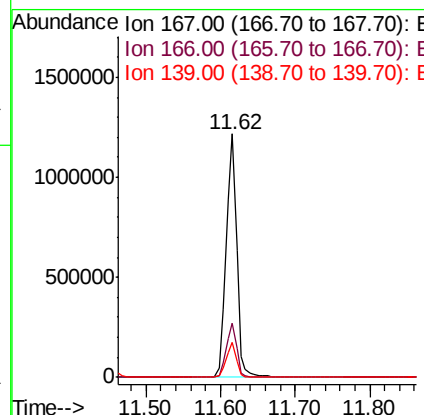
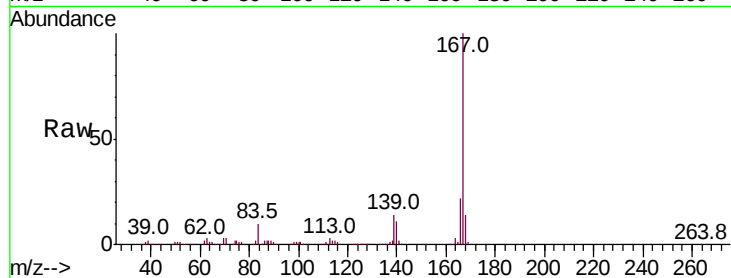
#73
 Carbazole
 Concen: 44.535 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion:167 Resp: 1188343
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 14.3 11.4 17.2

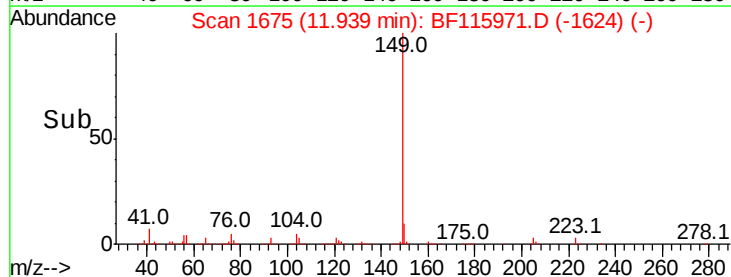
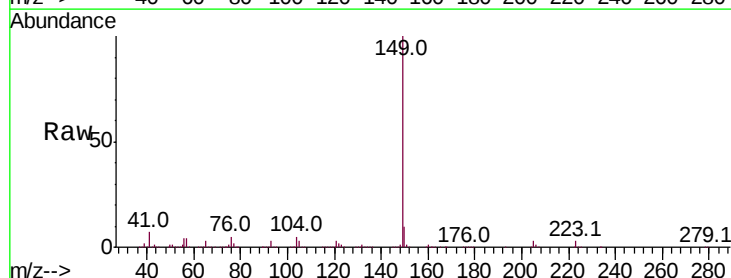
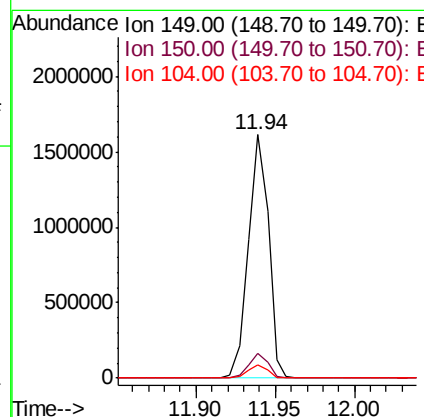
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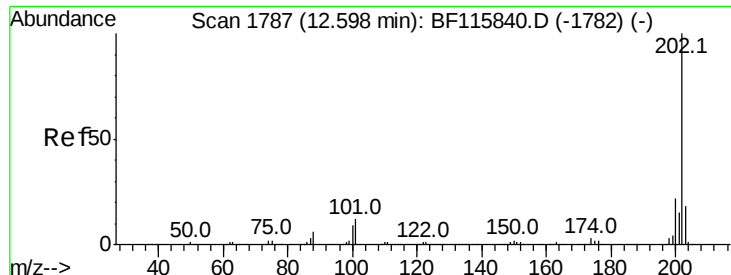
mohammad
 8/8/2019 4:45:13 PM



#74
 Di-n-butylphthalate
 Concen: 45.587 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:149 Resp: 1418994
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.5 4.3 6.5





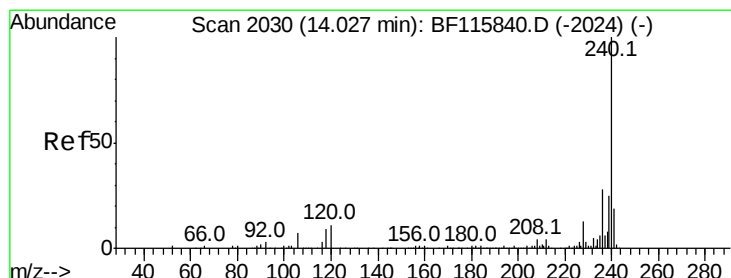
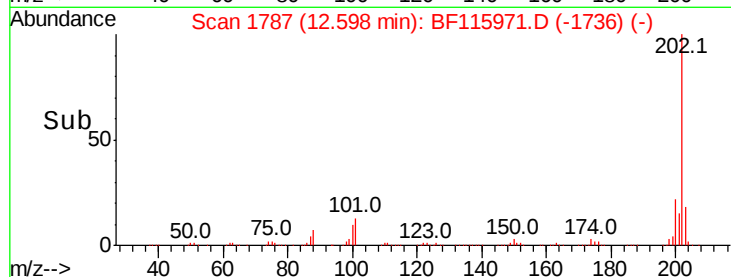
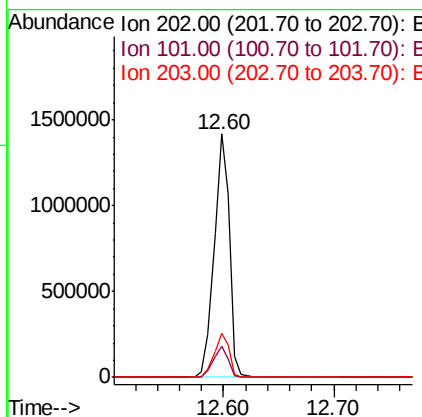
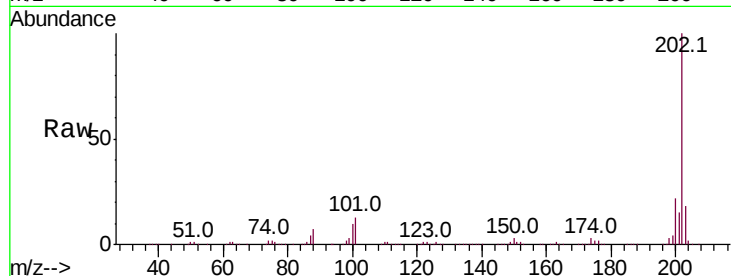
#75
Fluoranthene
 Concen: 43.709 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1329807		
101	13.0		0.0	31.5
203	18.2		0.0	37.9

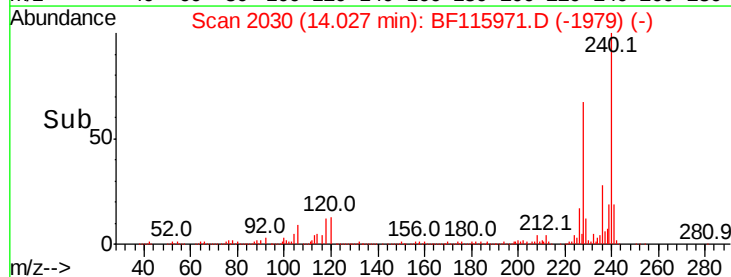
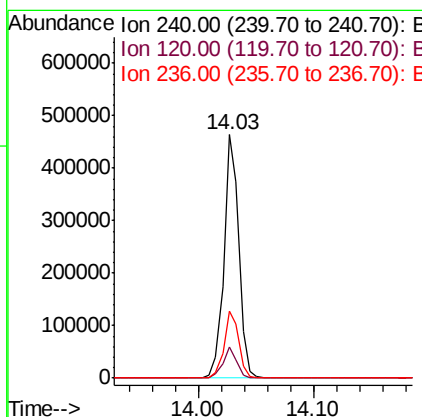
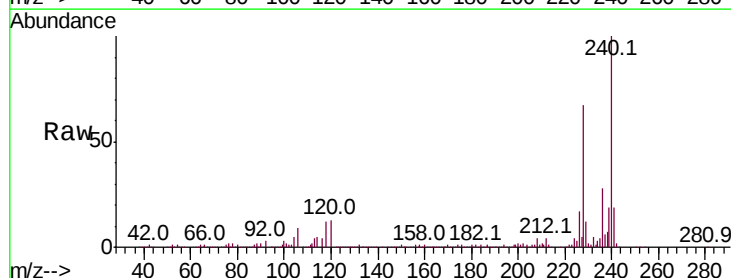
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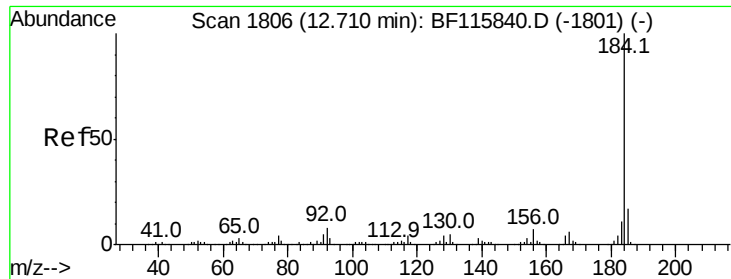
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	412171		
120	12.8		8.5	12.7#
236	27.6		22.2	33.2





#77

Benzidine

Concen: 44.850 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

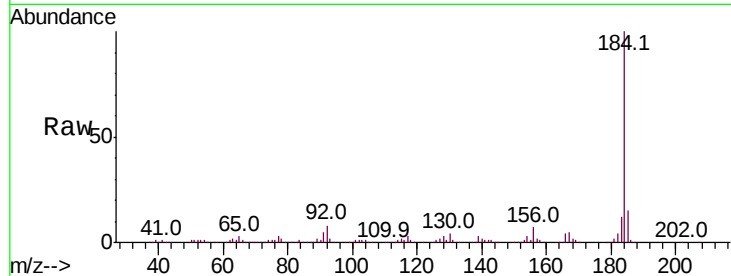
ClientSampleId :

PB121947BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	13.4	20.2	
183	11.5	9.1	13.7	

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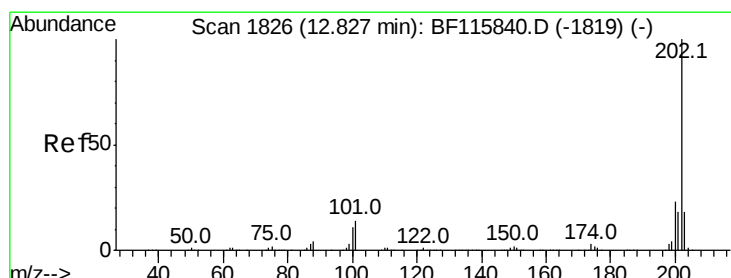
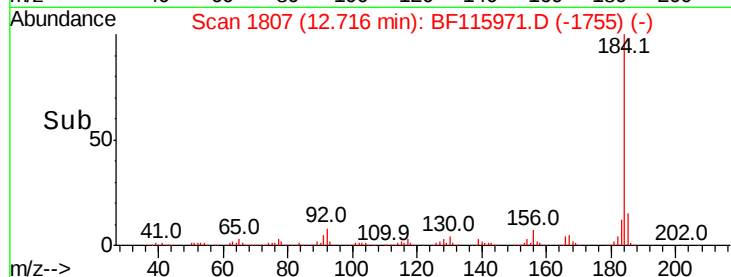
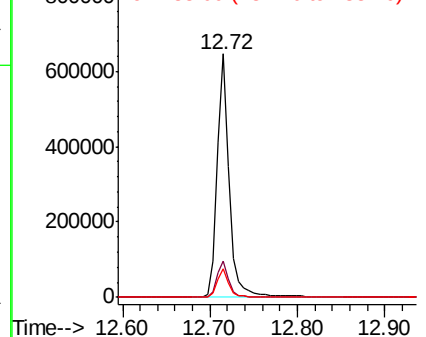


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.029 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

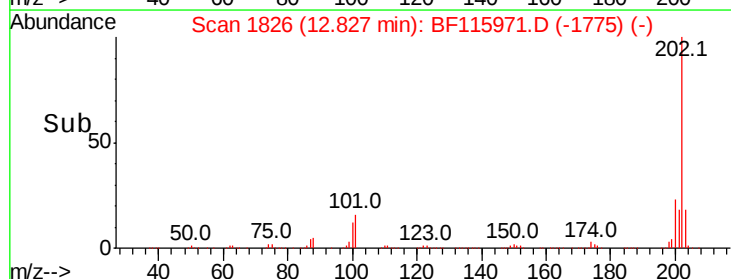
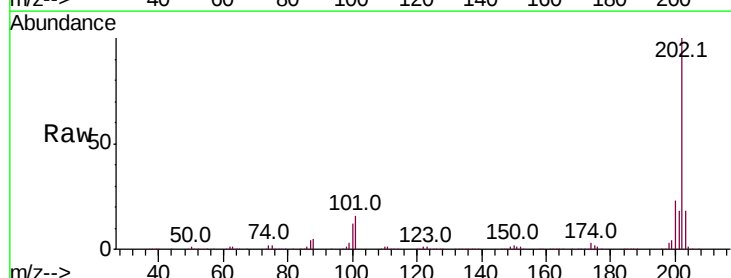
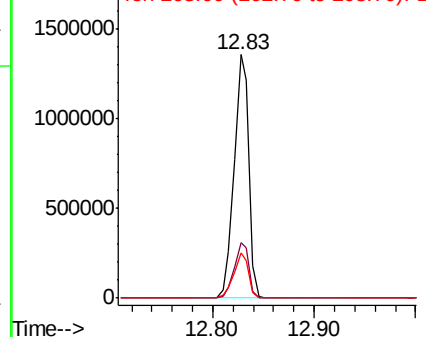
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.7	18.2	27.2	
203	18.4	14.3	21.5	

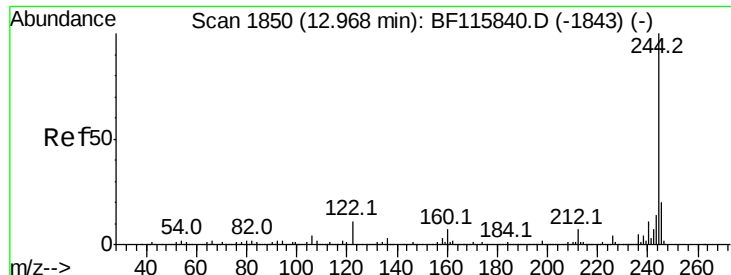
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.539 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tot Ion:244 Resp: 1634056

Ion Ratio Lower Upper

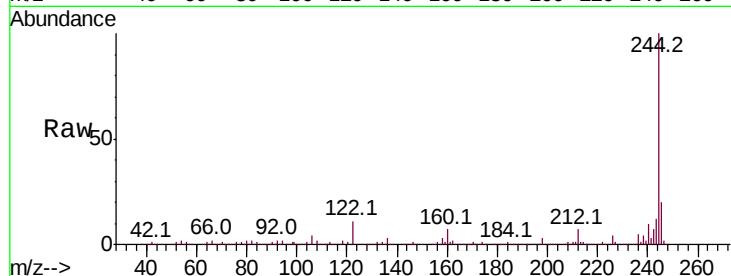
244 100

212 7.1 5.6 8.4

122 11.3 8.6 13.0

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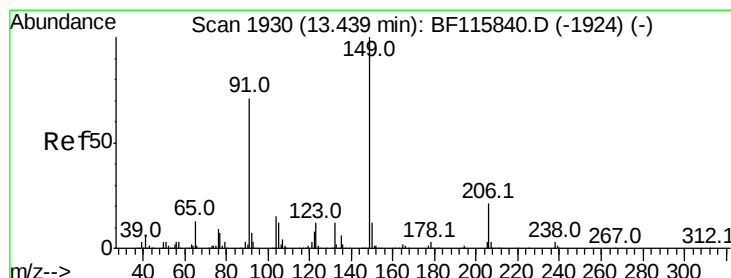
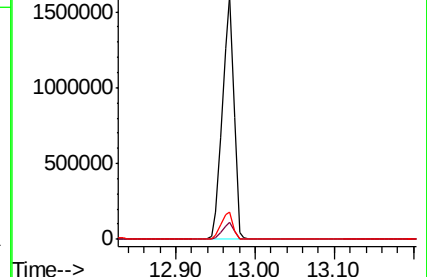
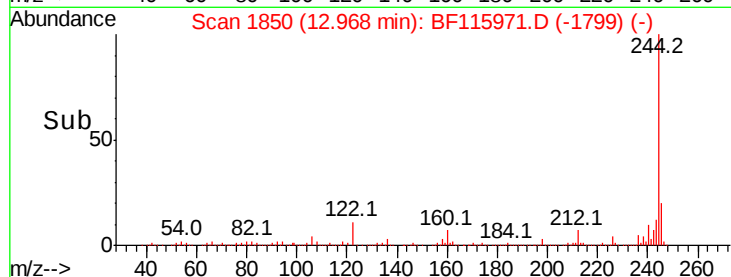
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.588 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

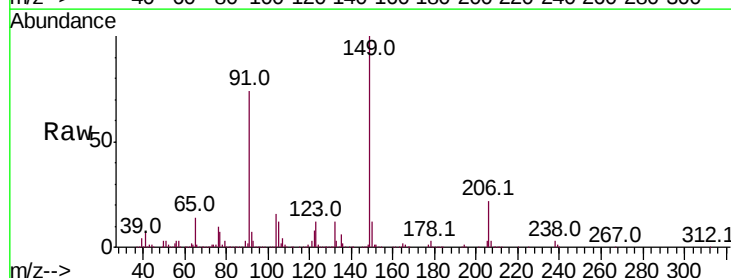
Tgt Ion:149 Resp: 599147

Ion Ratio Lower Upper

149 100

91 74.2 57.0 85.6

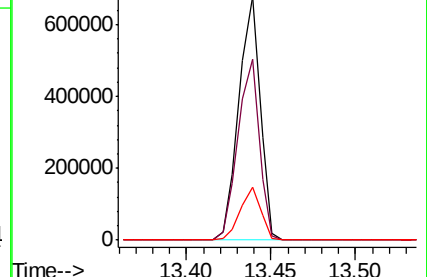
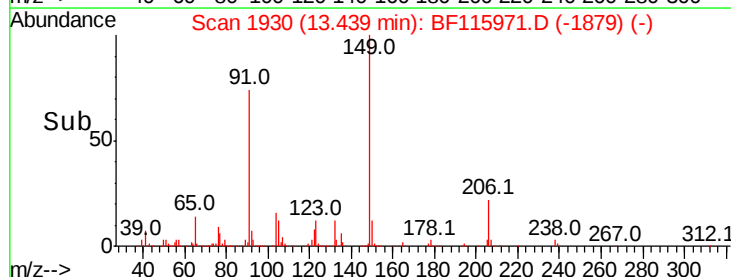
206 21.9 16.9 25.3

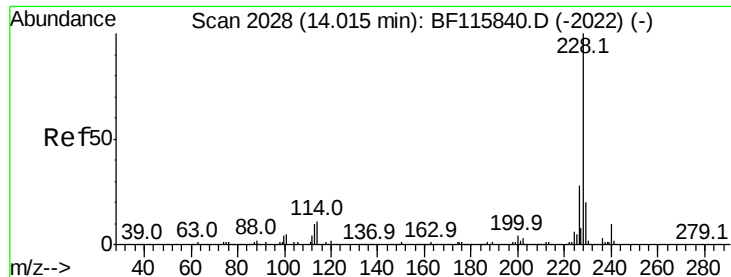


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.229 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tot Ion:228 Resp: 1165199

Ion Ratio Lower Upper

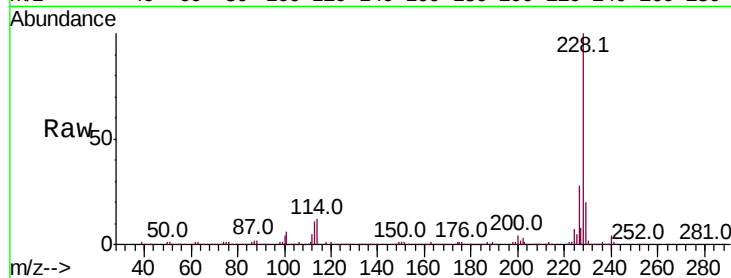
228 100

226 28.2 22.5 33.7

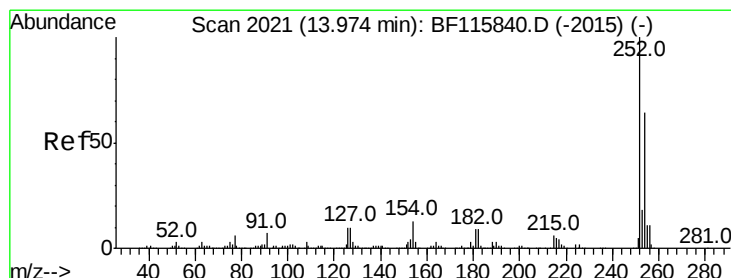
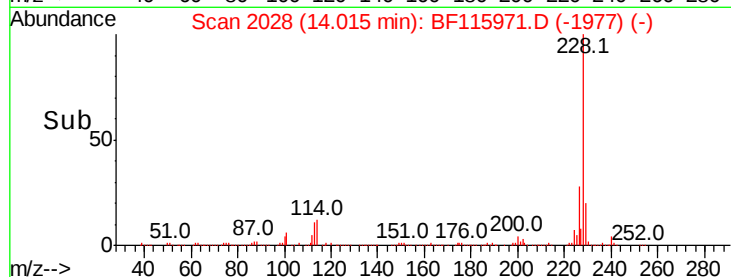
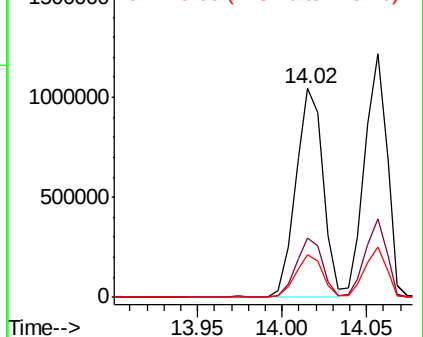
229 20.2 16.1 24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.945 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

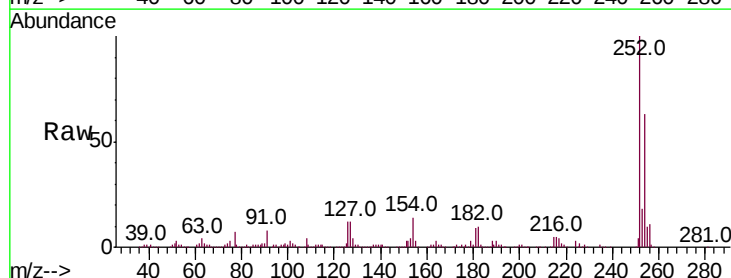
Tgt Ion:252 Resp: 347293

Ion Ratio Lower Upper

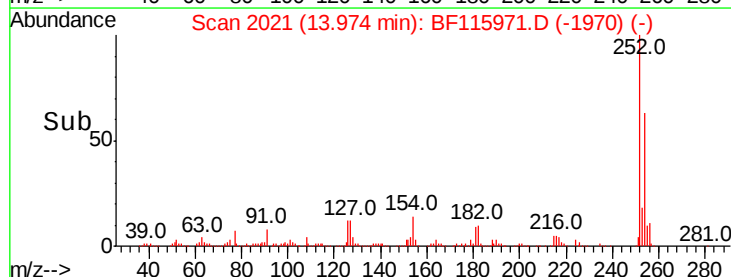
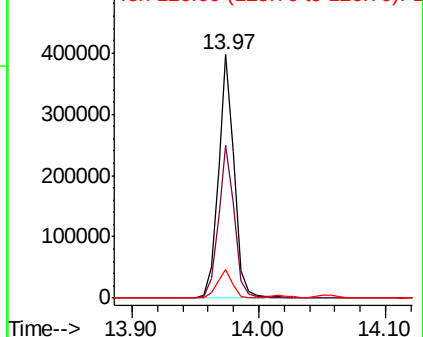
252 100

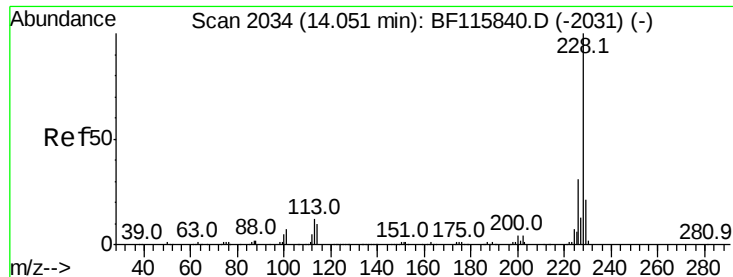
254 62.8 51.2 76.8

126 11.7 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





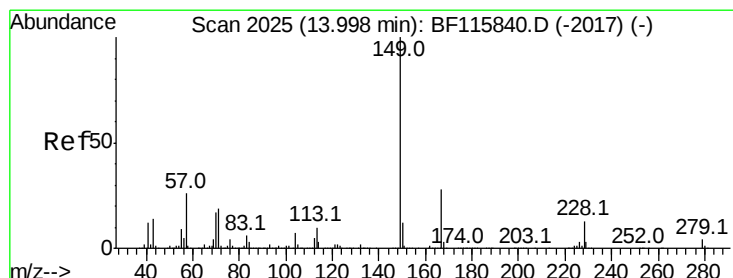
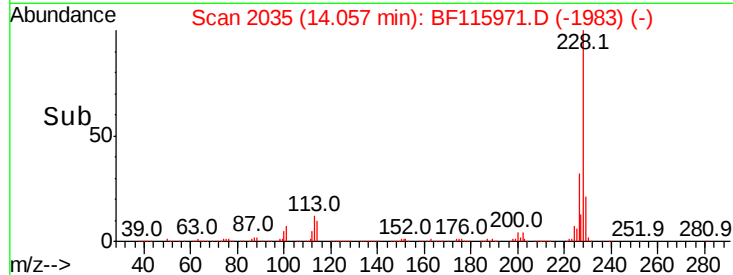
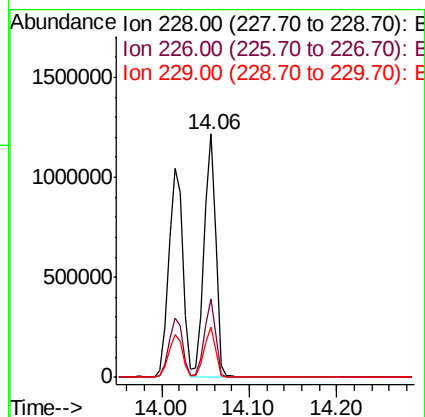
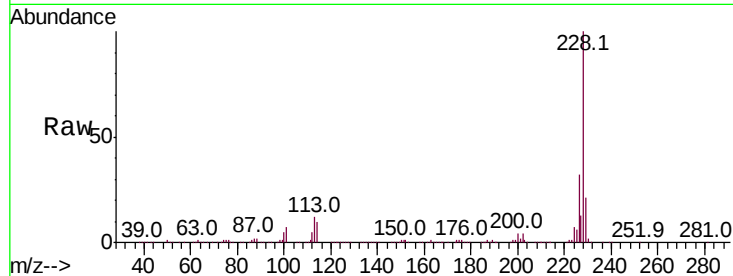
#83
 Chrysene
 Concen: 44.315 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.8	37.2
229	20.8	16.4	24.6

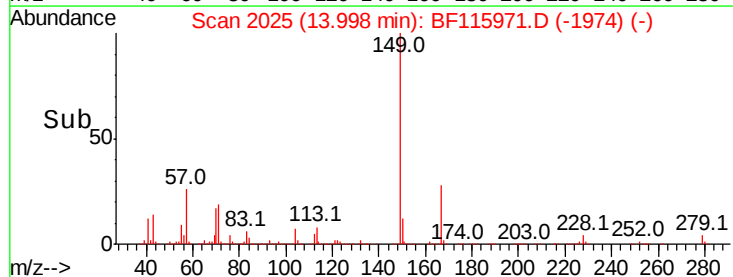
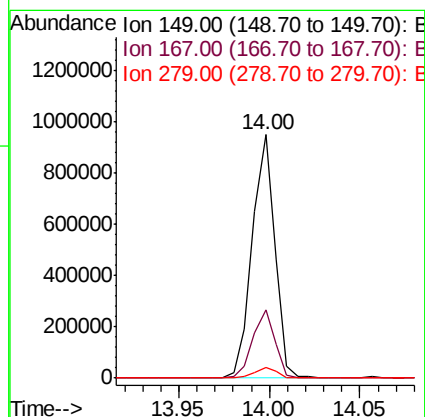
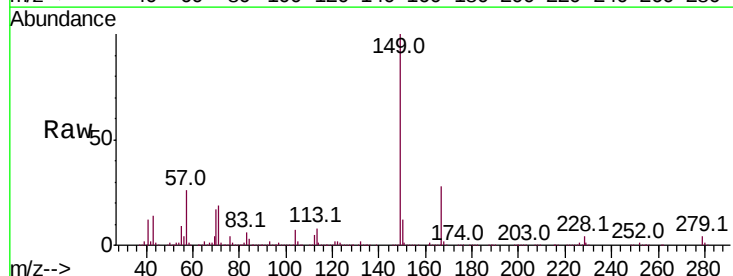
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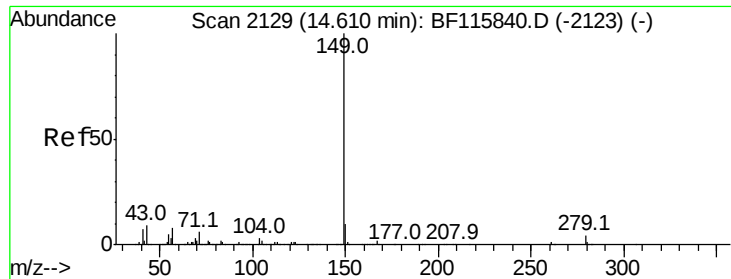
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.325 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	4.1	3.3	4.9





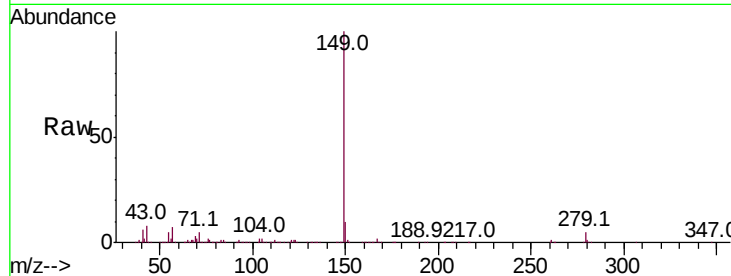
#85
Di-n-octyl phthalate
Concen: 48.903 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

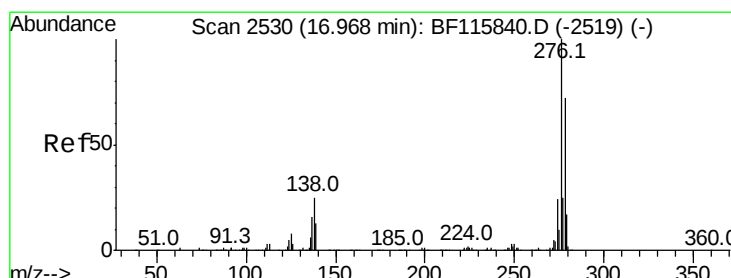
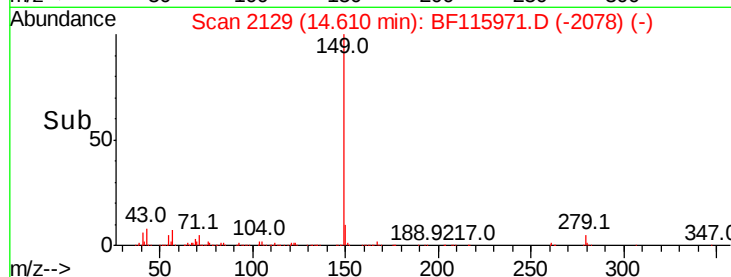
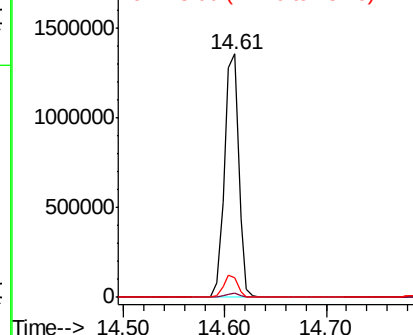
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

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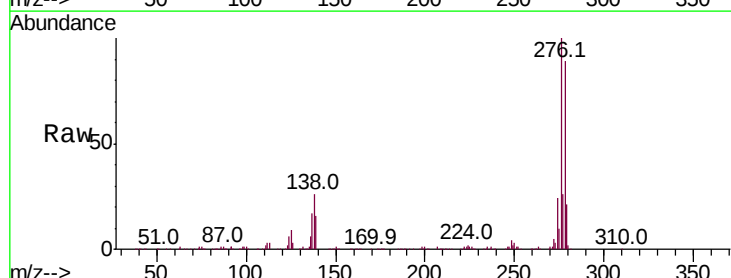


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

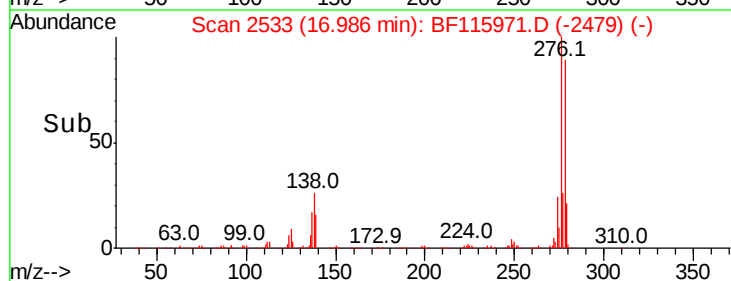
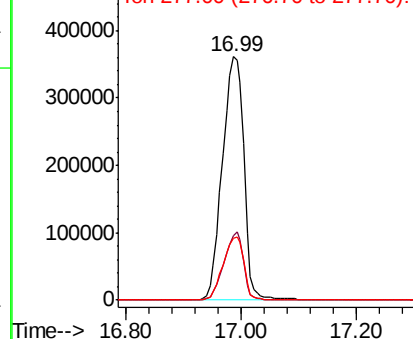


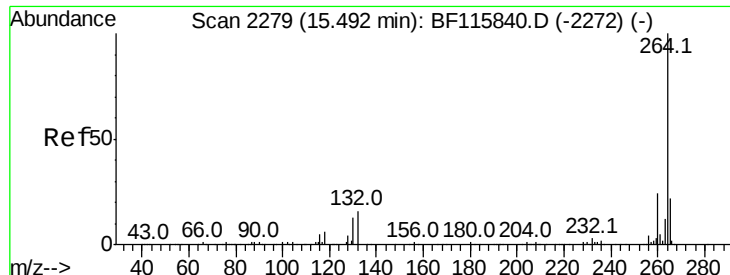
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.596 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	25.2	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





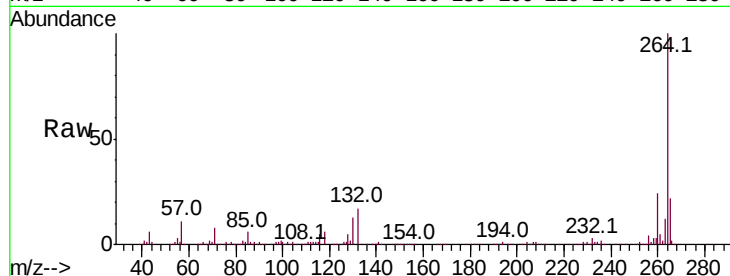
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.5	26.3

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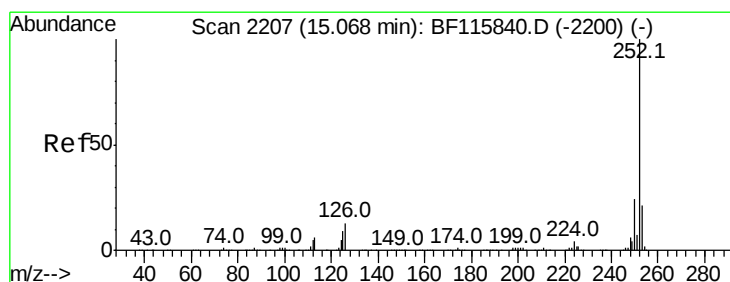
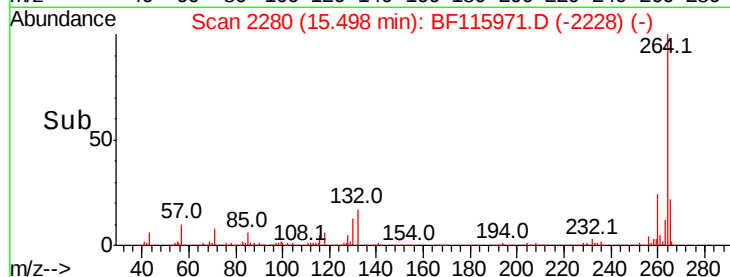
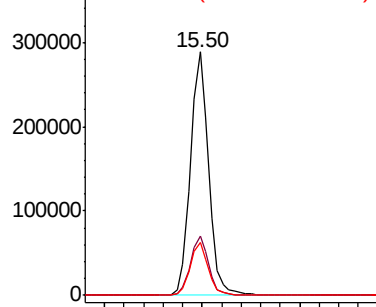


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.497 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

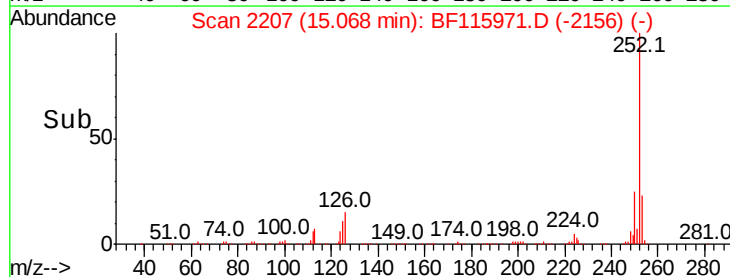
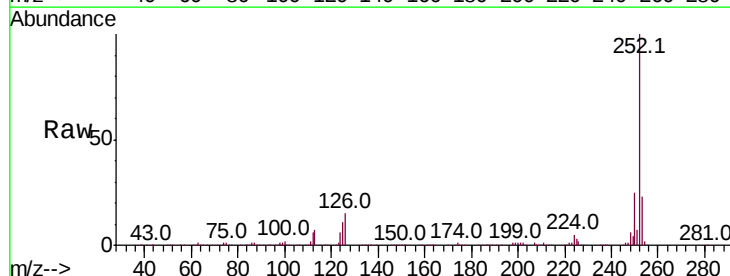
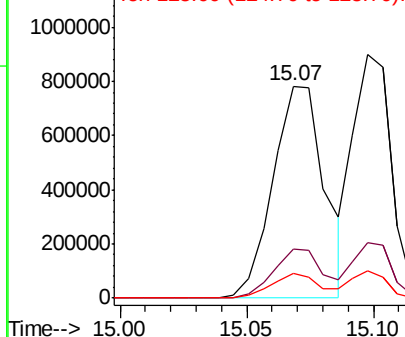
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.4	7.4	11.0

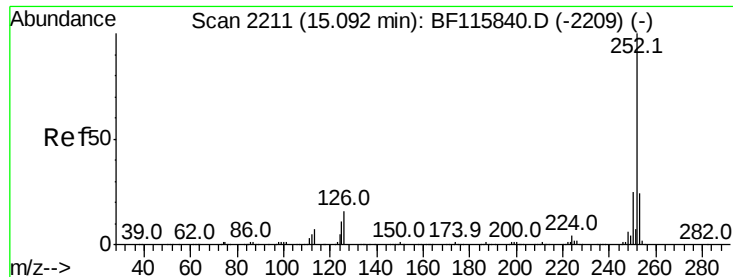
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





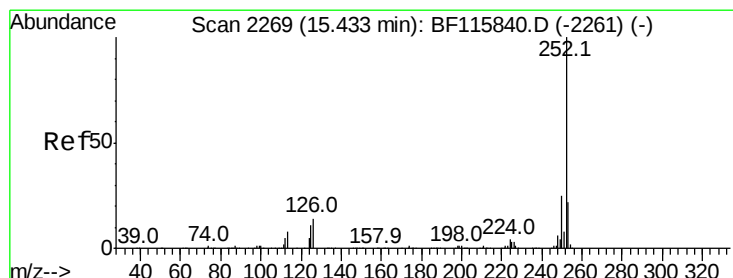
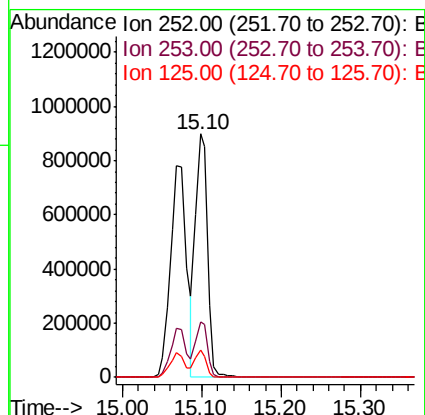
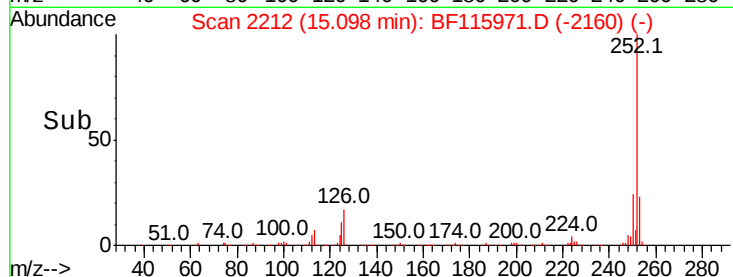
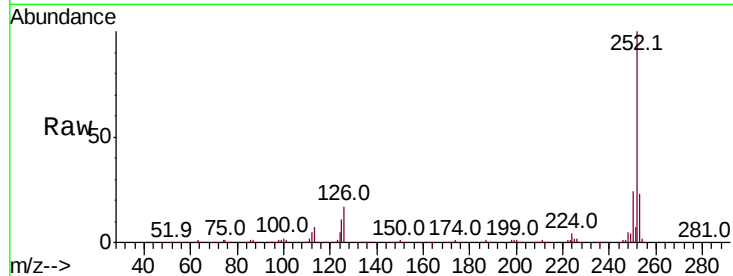
#89
Benzo(k)fluoranthene
Concen: 45.579 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.5	8.9	13.3

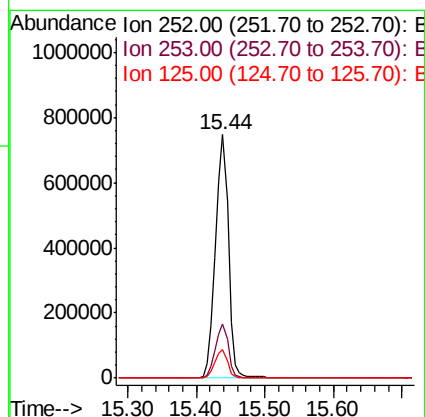
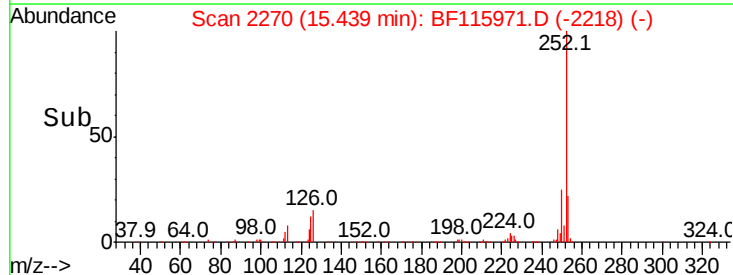
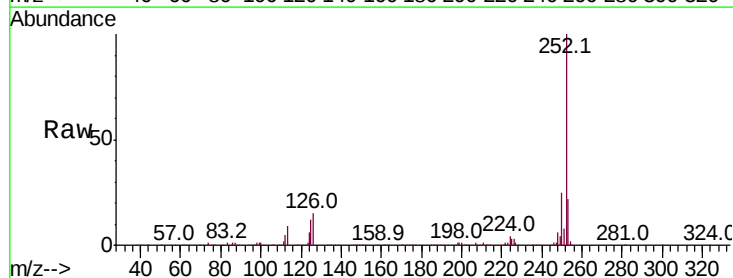
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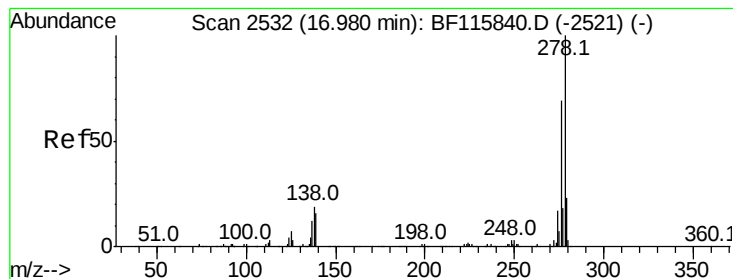
mohammad
8/8/2019 4:45:13 PM



#90
Benzo(a)pyrene
Concen: 50.401 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.022 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

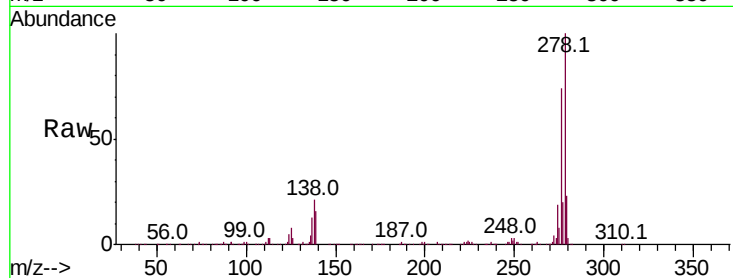
ClientSampleId :

PB121947BS

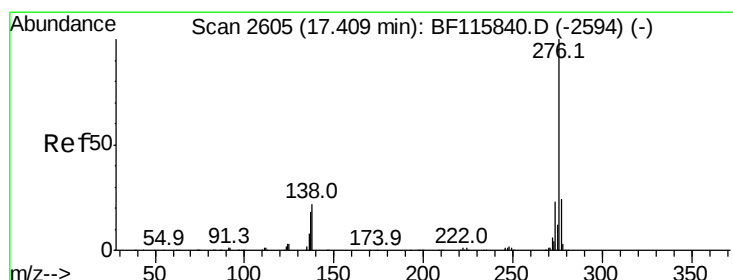
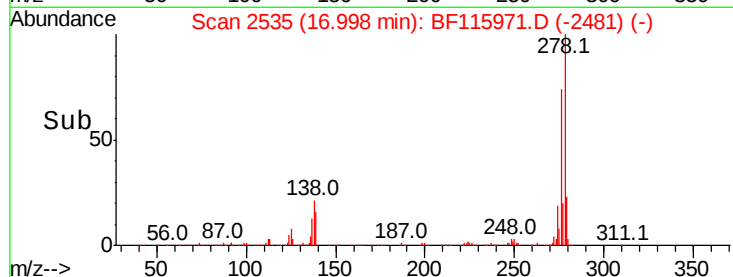
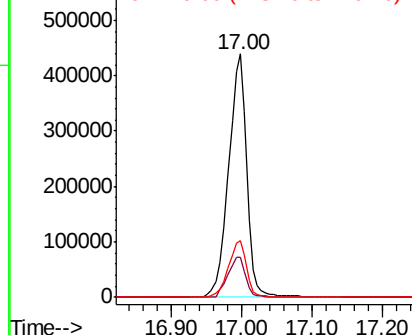
Tot Ion:278	Resp:	785404
Ion Ratio	Lower	Upper
278 100		
139 16.3	12.6	19.0
279 23.4	18.8	28.2

Manual Integrations
APPROVED

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.560 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:276	Resp:	763754
Ion Ratio	Lower	Upper
276 100		
277 23.5	19.5	29.3
138 21.5	17.8	26.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

