

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117197.D
 Acq On : 20 Sep 2019 20:30
 Operator : HP/JU
 Sample : PB123244BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:12:48 AM

Quant Time: Sep 21 01:07:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42856	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	175087	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	93606	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	147463	20.00	ng	0.01
76) Chrysene-d12	13.99	240	94185	20.00	ng	0.01
87) Perylene-d12	15.43	264	75139	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	238476	86.88	ng	0.02
7) Phenol-d6	6.47	99	325196	91.67	ng	0.01
23) Nitrobenzene-d5	7.39	82	301449	90.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	78988	100.96	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	586990	98.05	ng	0.00
79) Terphenyl-d14	12.93	244	558753	110.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	43857	38.182	ng	96
3) Pyridine	3.43	79	78289	24.902	ng	95
4) n-Nitrosodimethylamine	3.38	42	46374	42.982	ng	# 74
6) Aniline	6.49	93	139169	30.470	ng	# 89
8) 2-Chlorophenol	6.61	128	127550	43.072	ng	97
9) Benzaldehyde	6.37	77	93762	56.880	ng	92
10) Phenol	6.48	94	165520	42.324	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	118334	41.170	ng	97
12) 1,3-Dichlorobenzene	6.76	146	127635	38.410	ng	99
13) 1,4-Dichlorobenzene	6.83	146	133495	39.366	ng	98
14) 1,2-Dichlorobenzene	6.99	146	126093	39.937	ng	97
15) Benzyl Alcohol	6.97	79	123751	45.490	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	110347	38.858	ng	# 61
17) 2-Methylphenol	7.08	107	107017	43.120	ng	# 88
18) Hexachloroethane	7.33	117	53919	41.331	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	99250	45.945	ng	92
20) 3+4-Methylphenols	7.23	107	144873	46.863	ng	# 86
22) Acetophenone	7.23	105	196294	44.127	ng	94
24) Nitrobenzene	7.40	77	145781	44.300	ng	98
25) Isophorone	7.65	82	268195	45.456	ng	98
26) 2-Nitrophenol	7.72	139	66419	46.989	ng	92
27) 2,4-Dimethylphenol	7.76	122	113554	50.659	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	155189	42.692	ng	98
29) 2,4-Dichlorophenol	7.97	162	107078	45.590	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	106851	42.109	ng	99
31) Naphthalene	8.13	128	370887	44.045	ng	99
32) Benzoic acid	7.93	122	61171	37.771	ng	89
33) 4-Chloroaniline	8.17	127	60618	16.231	ng	97
34) Hexachlorobutadiene	8.24	225	64114	44.535	ng	94
35) Caprolactam	8.56	113	29050m	36.542	ng	
36) 4-Chloro-3-methylphenol	8.67	107	128130	46.786	ng	98
37) 2-Methylnaphthalene	8.82	142	264693	46.680	ng	97
38) 1-Methylnaphthalene	8.92	142	243075	45.770	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	107238	44.365	ng	98

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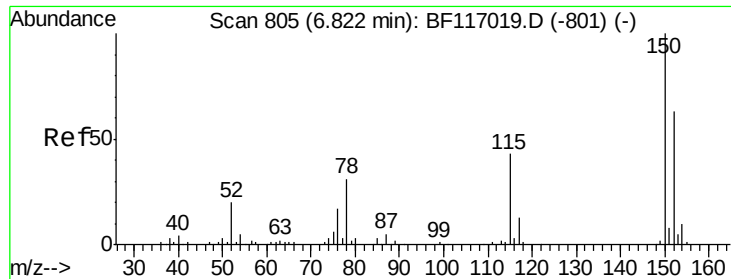
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	112050	102.433	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	72754	44.353	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	77834	44.411	nq	96
46) 1,1'-Biphenyl	9.28	154	321042	43.724	nq	98
47) 2-Chloronaphthalene	9.30	162	249041	42.977	nq	98
48) 2-Nitroaniline	9.40	65	75847	40.807	nq	92
49) Acenaphthylene	9.72	152	383644	44.194	nq	100
50) Dimethylphthalate	9.58	163	296940	44.802	nq	99
51) 2,6-Dinitrotoluene	9.65	165	63627	47.136	nq #	76
52) Acenaphthene	9.89	154	223407	43.415	nq	99
53) 3-Nitroaniline	9.82	138	32706	19.204	nq	97
54) 2,4-Dinitrophenol	9.93	184	45284	77.957	nq	96
55) Dibenzofuran	10.06	168	346650	45.658	nq	97
56) 4-Nitrophenol	10.00	139	76007	68.859	nq	88
57) 2,4-Dinitrotoluene	10.06	165	82053	46.829	nq #	81
58) Fluorene	10.41	166	282388	46.173	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60656	45.227	nq #	95
60) Diethylphthalate	10.28	149	309406	47.451	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	127929	48.345	nq	97
62) 4-Nitroaniline	10.44	138	63654	35.939	nq #	82
63) Azobenzene	10.56	77	311579	46.786	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	33663	49.799	nq	80
66) n-Nitrosodiphenylamine	10.52	169	248345	48.764	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	73565	48.850	nq	95
68) Hexachlorobenzene	10.96	284	75607	45.902	nq	92
69) Atrazine	11.05	200	68726	58.990	nq	99
70) Pentachlorophenol	11.16	266	69987	90.645	nq	99
71) Phenanthrene	11.37	178	380880	45.474	nq	100
72) Anthracene	11.42	178	391402	45.772	nq	97
73) Carbazole	11.57	167	339964	41.884	nq	99
74) Di-n-butylphthalate	11.90	149	497367	51.503	nq	98
75) Fluoranthene	12.56	202	371882	43.211	nq	97
77) Benzidine	12.67	184	184086	60.676	nq	98
78) Pyrene	12.79	202	366257	46.345	nq	100
80) Butylbenzylphthalate	13.39	149	190030	50.889	nq	96
81) Benzo(a)anthracene	13.97	228	277690	44.129	nq	96
82) 3,3'-Dichlorobenzidine	13.93	252	49460	24.391	nq	97
83) Chrysene	14.01	228	264831	43.151	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	278180	57.777	nq	99
85) Di-n-octyl phthalate	14.56	149	430663	56.830	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	187411	41.856	nq	97
88) Benzo(b)fluoranthene	15.02	252	207968	45.693	nq	98
89) Benzo(k)fluoranthene	15.04	252	211520	49.060	nq	99
90) Benzo(a)pyrene	15.37	252	187173	46.864	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	160641	50.489	nq	95
92) Benzo(g,h,i)perylene	17.32	276	146511	46.210	nq	96

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



#1

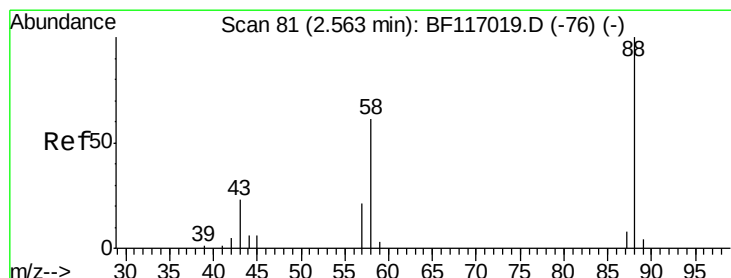
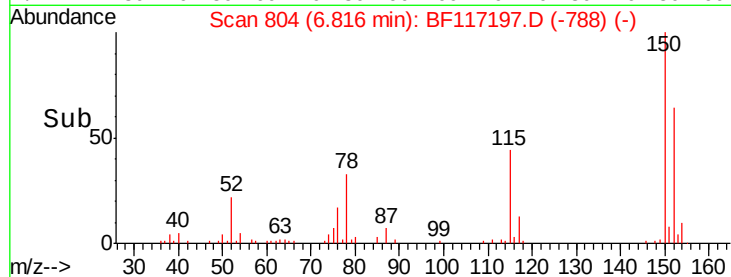
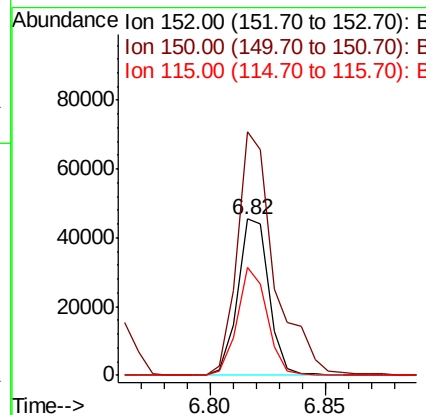
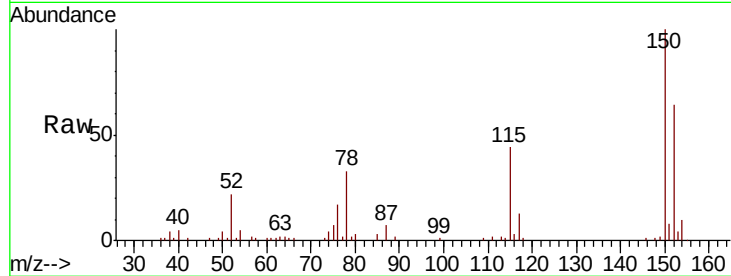
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.5	191.3
115	69.0	55.0	82.4

Manual Integrations
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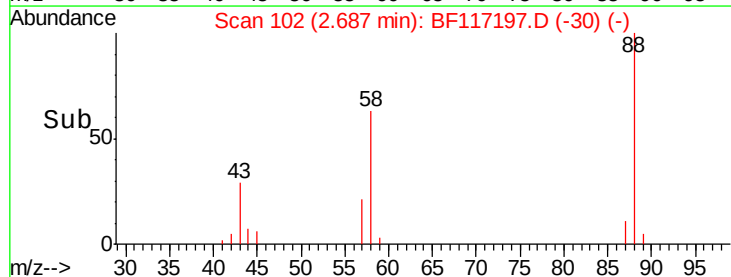
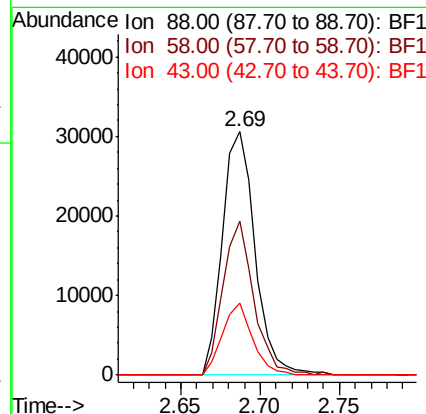
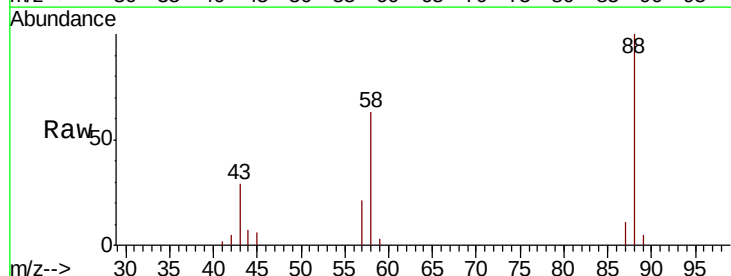
mohammad
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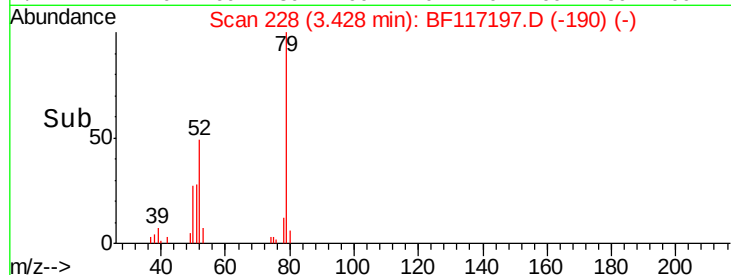
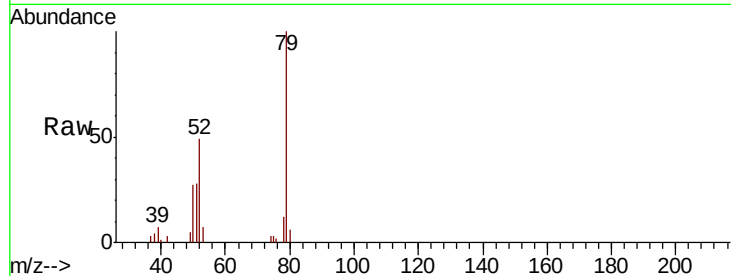
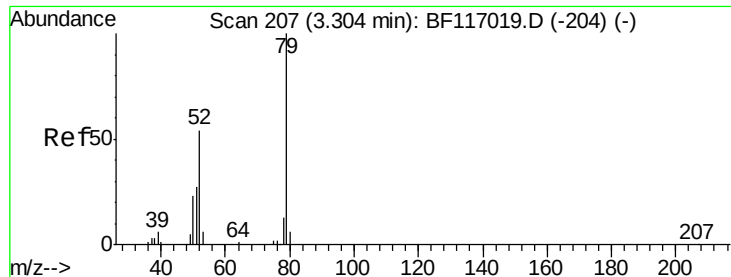


#2

1,4-Dioxane
Concen: 38.182 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	49.3	73.9
43	27.1	18.8	28.2





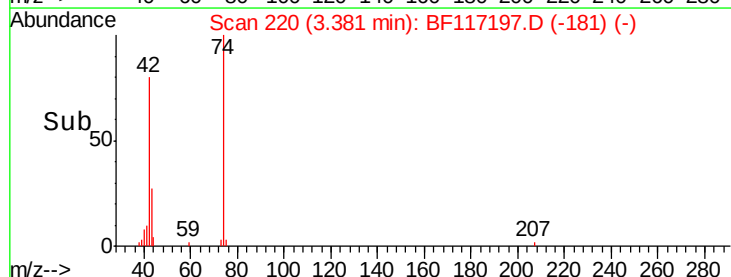
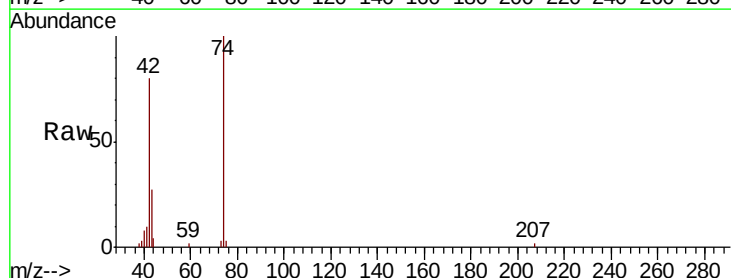
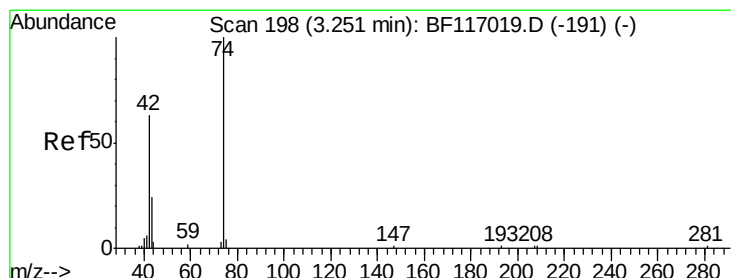
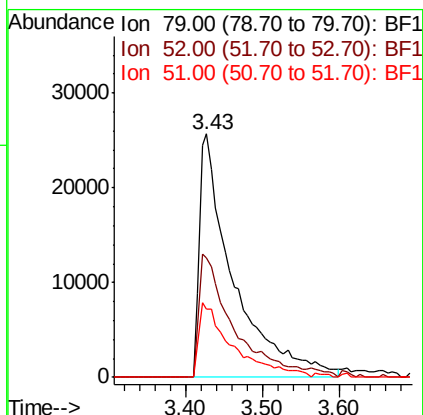
#3
 Pvrindine
 Concen: 24.902 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.12 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tot Ion:	79	Resp:	78289
Ion	Ratio	Lower	Upper
79	100		
52	49.3	43.5	65.3
51	27.9	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

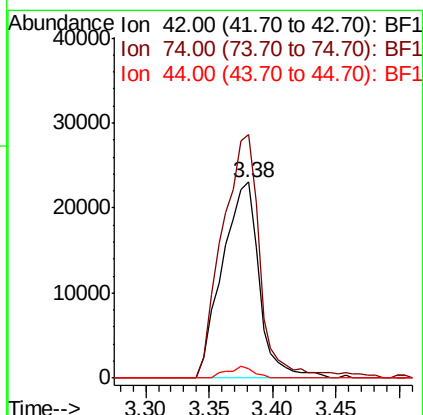
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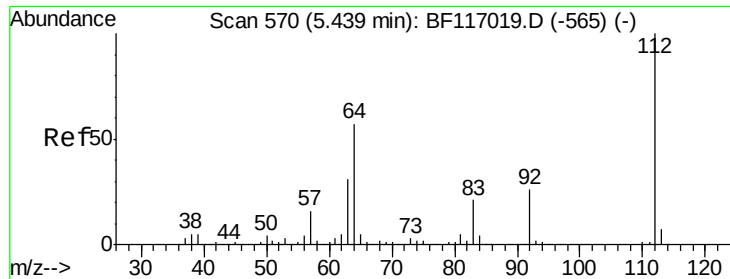
mohammad
 9/24/2019 9:12:48 AM



#4
 n-Nitrosodimethylamine
 Concen: 42.982 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:	42	Resp:	46374
Ion	Ratio	Lower	Upper
42	100		
74	124.3	127.1	190.7#
44	4.7	4.3	6.5





#5

2-Fluorophenol

Concen: 86.877 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

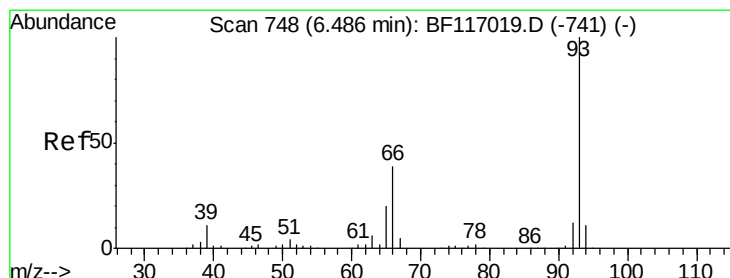
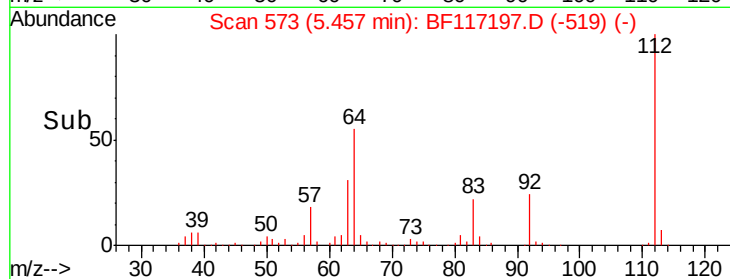
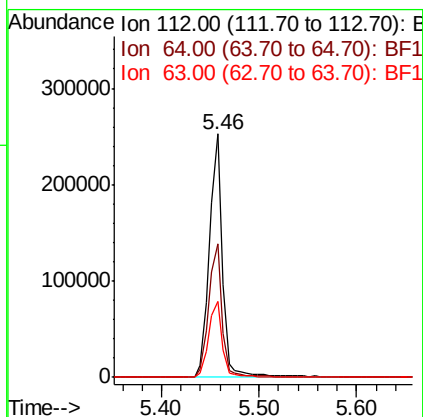
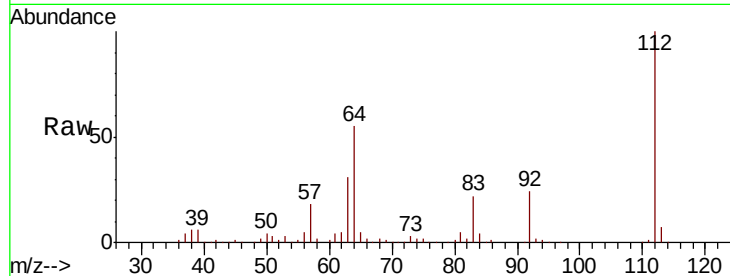
ClientSampleId :

PB123244BSD

Tot Ion:	112	Resp:	238476
Ion Ratio	Lower	Upper	
112	100		
64	54.7	45.7	68.5
63	31.3	24.9	37.3

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#6

Aniline

Concen: 30.470 ng

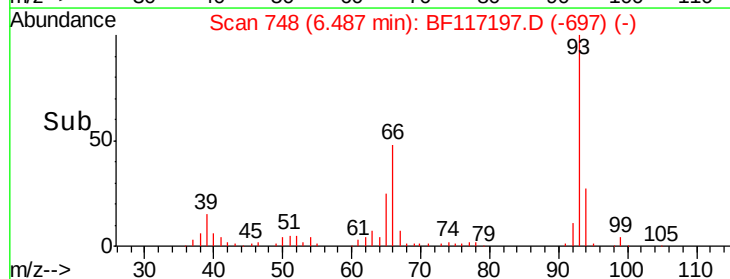
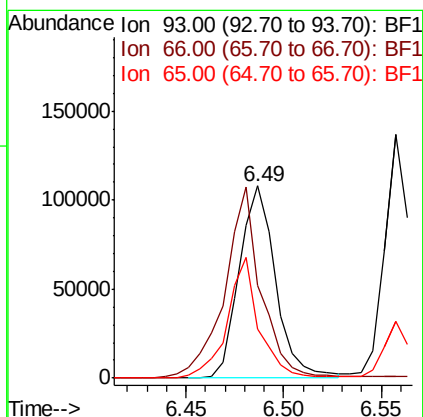
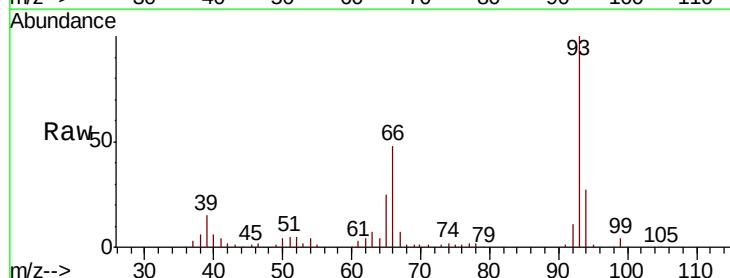
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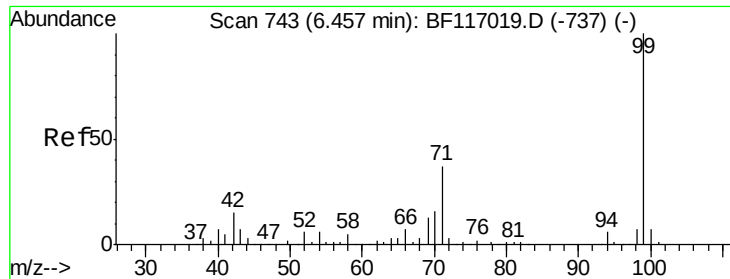
Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	93	Resp:	139169
Ion Ratio	Lower	Upper	
93	100		
66	48.2	32.6	49.0
65	25.3	16.7	25.1#





#7

Phenol-d6

Concen: 91.669 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

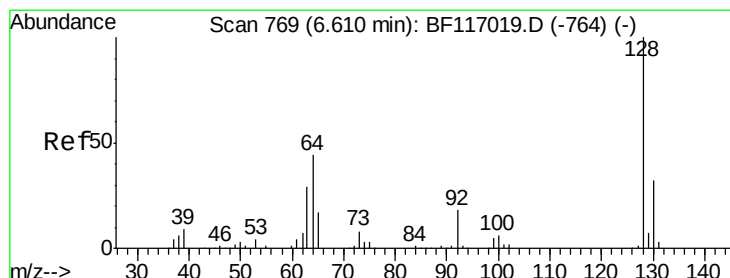
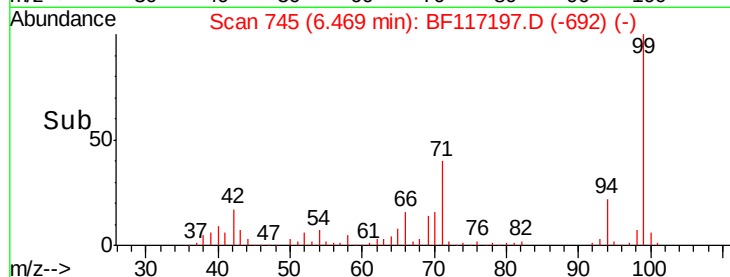
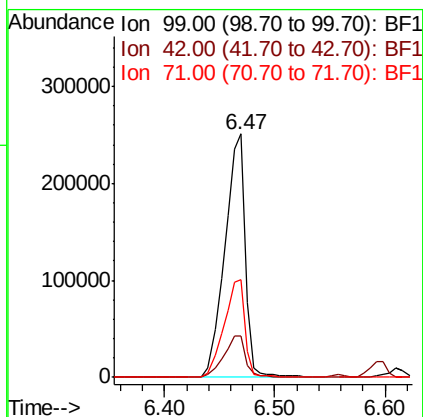
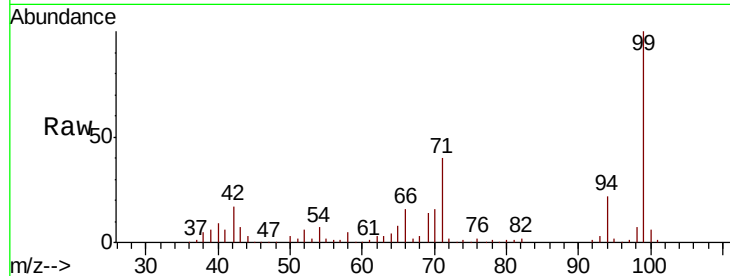
ClientSampleId :

PB123244BSD

Tot Ion:	99	Resp:	325196
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	40.1	29.8	44.8

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#8

2-Chlorophenol

Concen: 43.072 ng

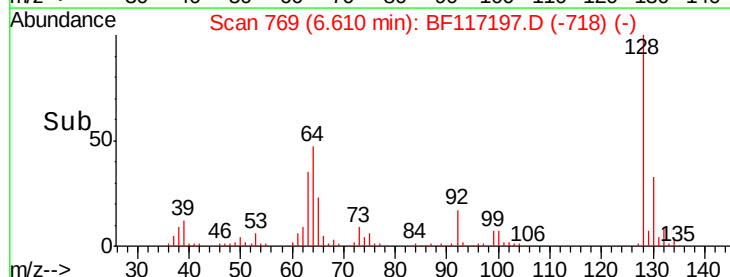
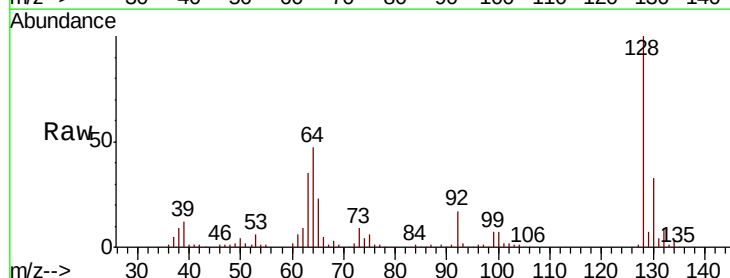
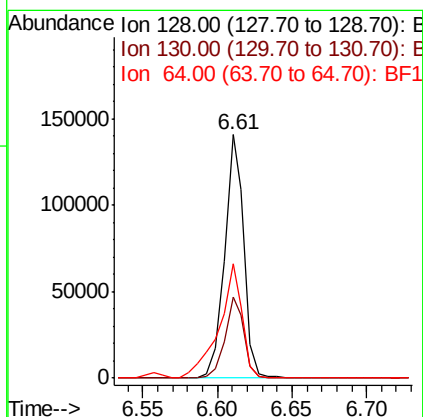
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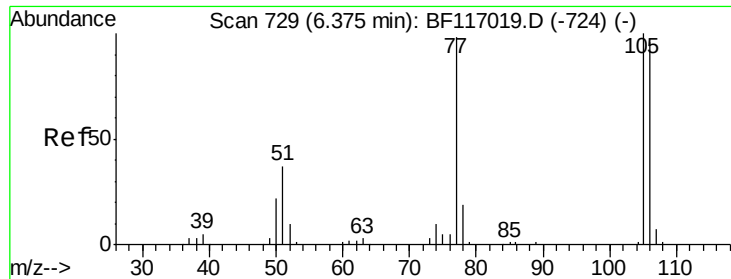
Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	128	Resp:	127550
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.8	51.8
64	47.2	25.0	65.0





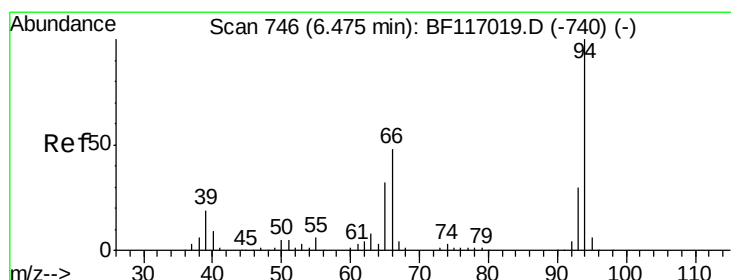
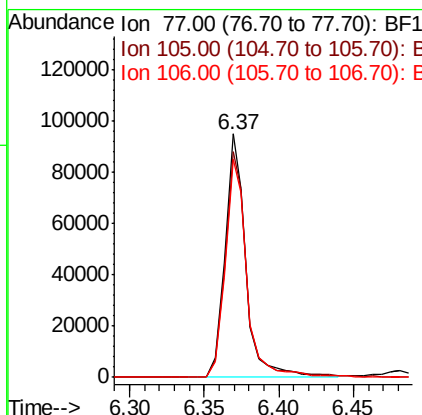
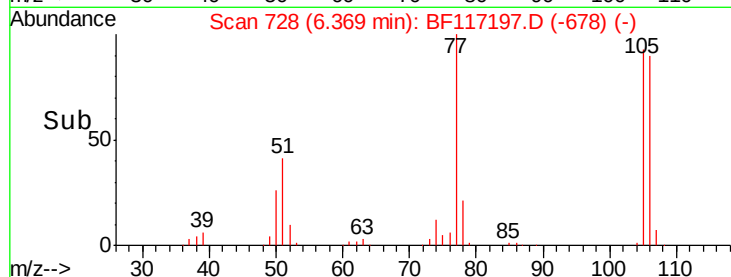
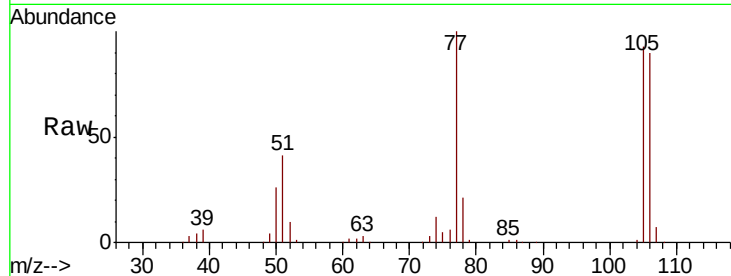
#9
Benzaldehyde
Concen: 56.880 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.7	81.8	121.8
106	89.6	77.3	117.3

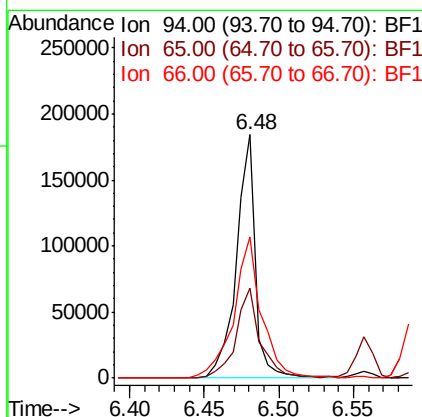
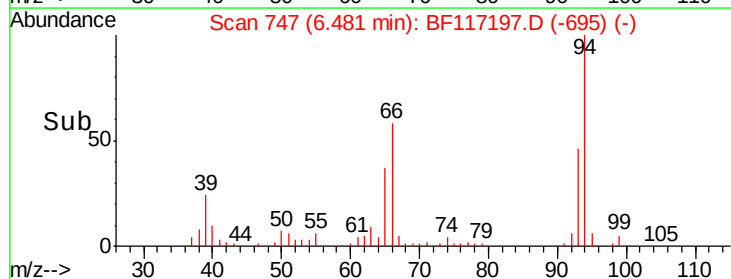
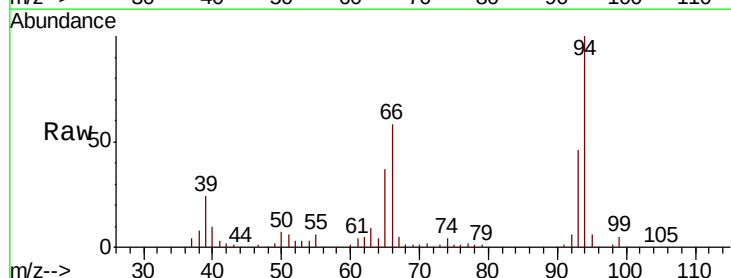
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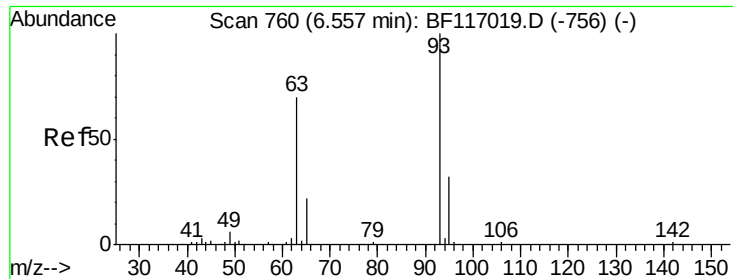
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#10
Phenol
Concen: 42.324 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	12.5	52.5
66	58.1	28.9	68.9





#11

bis(2-Chloroethyl)ether

Concen: 41.170 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

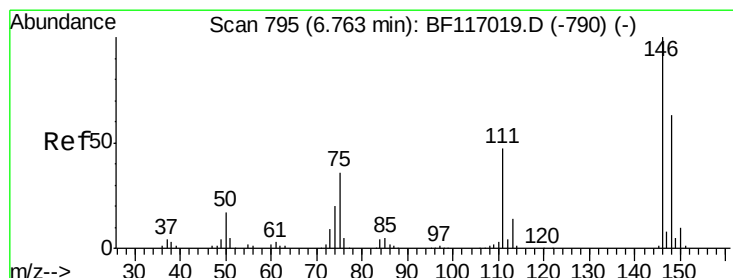
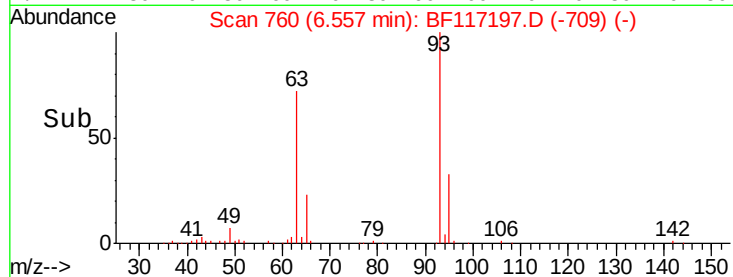
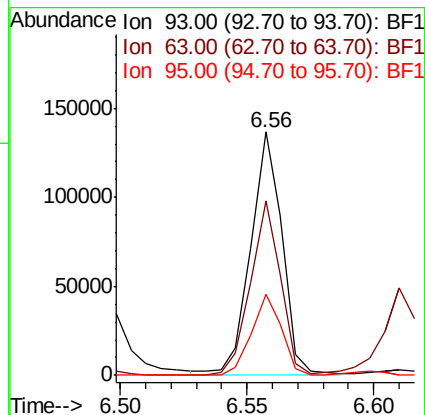
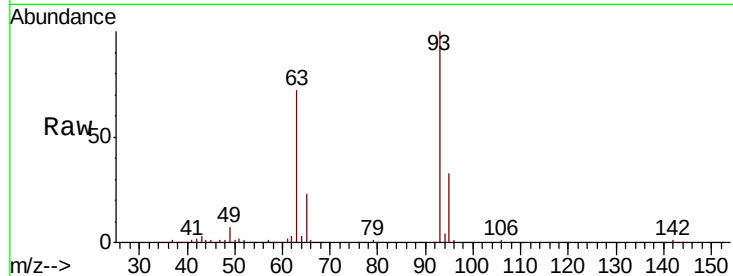
ClientSampleId :

PB123244BSD

Tot Ion:	93	Resp:	118334
Ion Ratio	Lower	Upper	
93	100		
63	71.8	49.3	89.3
95	33.0	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 38.410 ng

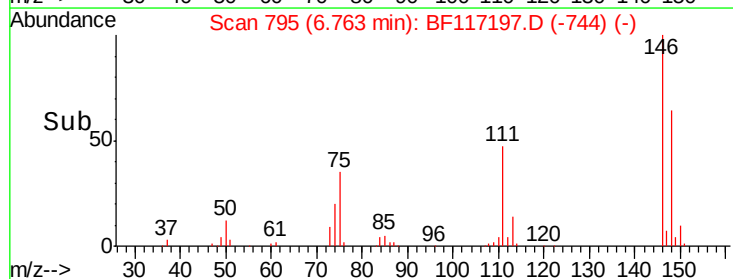
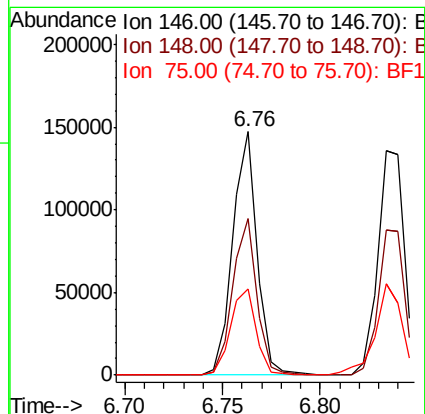
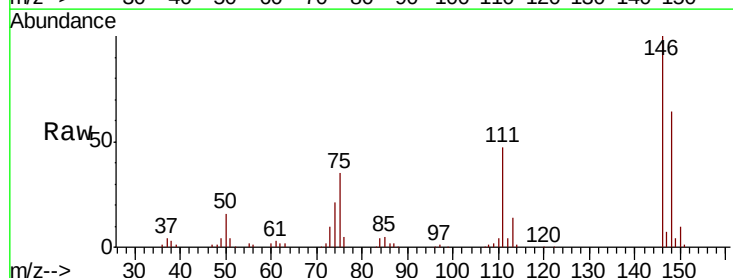
RT: 6.76 min Scan# 795

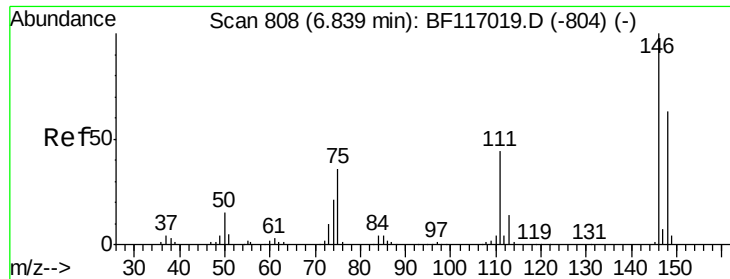
Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	146	Resp:	127635
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
75	35.4	28.7	43.1





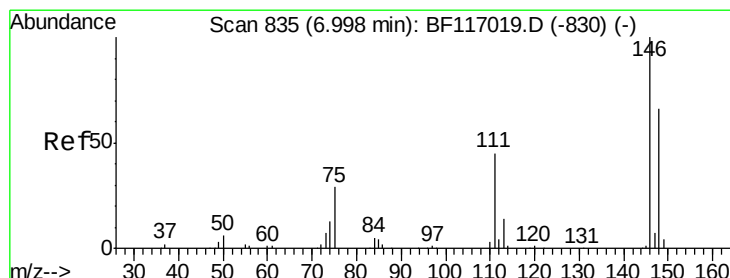
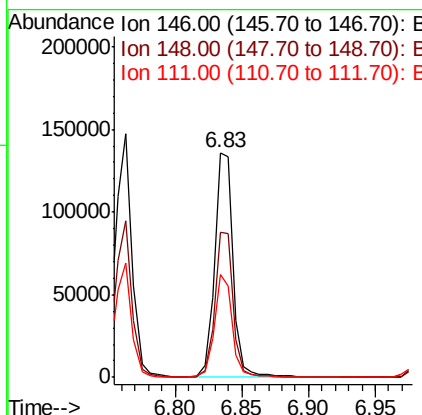
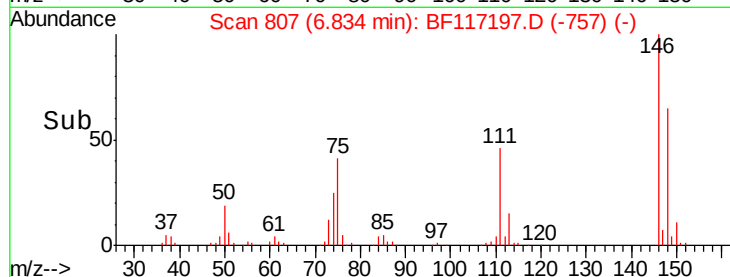
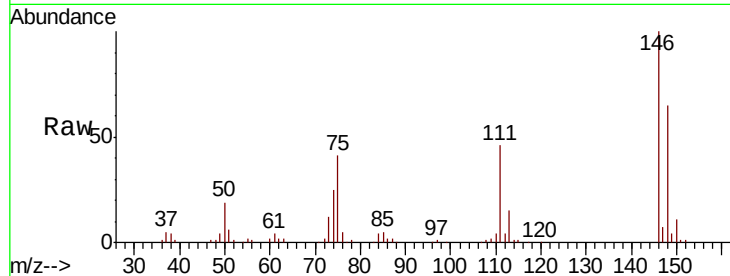
#13
 1,4-Dichlorobenzene
 Concen: 39.366 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133495		
148	64.6	50.6	76.0	
111	46.0	35.0	52.6	

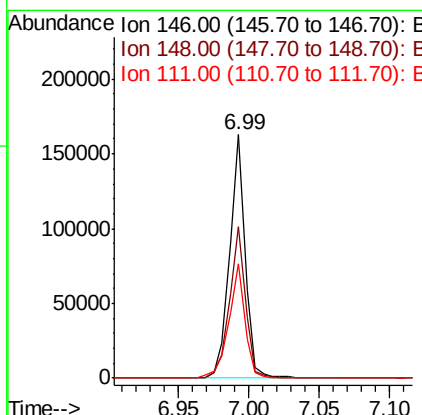
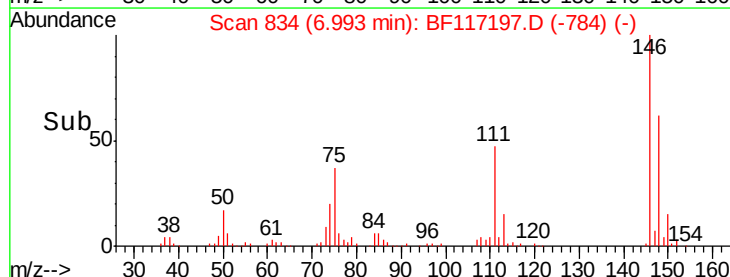
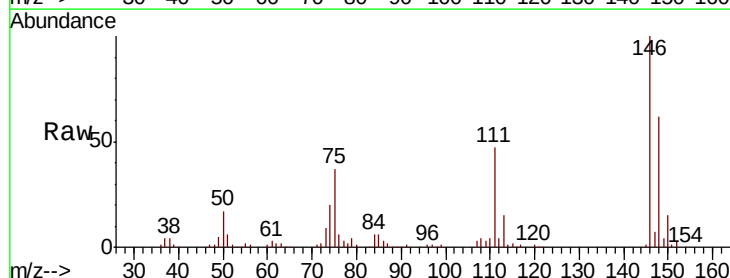
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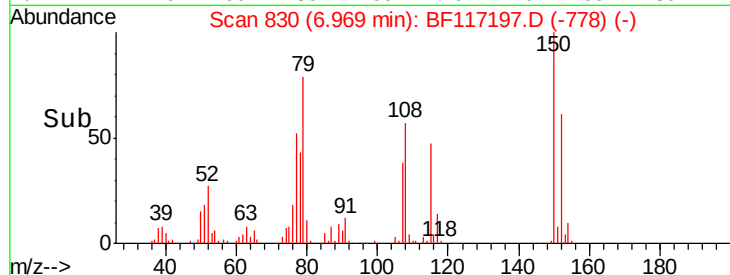
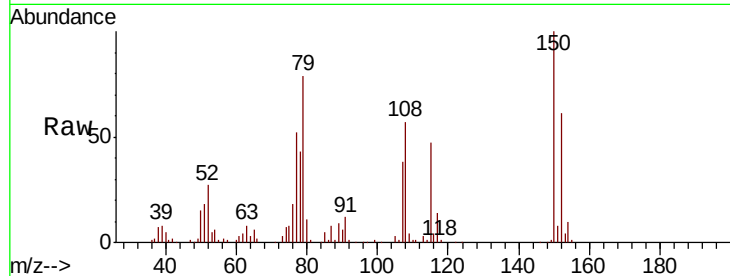
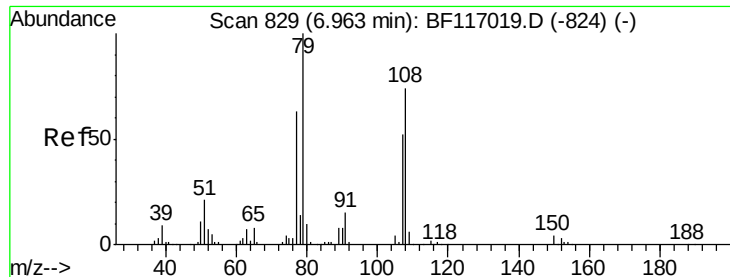
mohammad
 9/24/2019 9:12:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.937 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	126093		
148	62.5	52.6	78.8	
111	46.9	36.2	54.2	





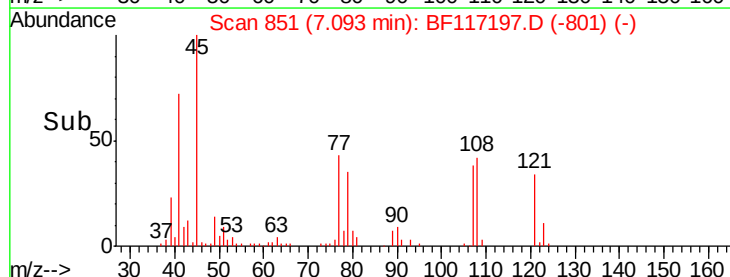
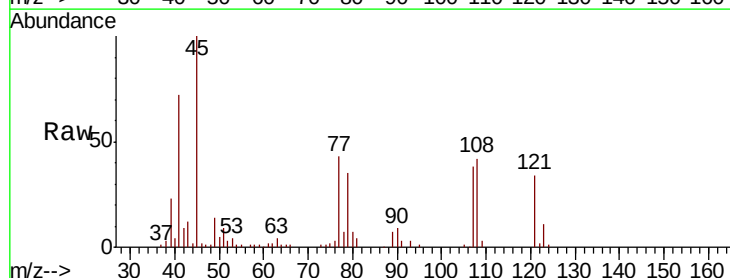
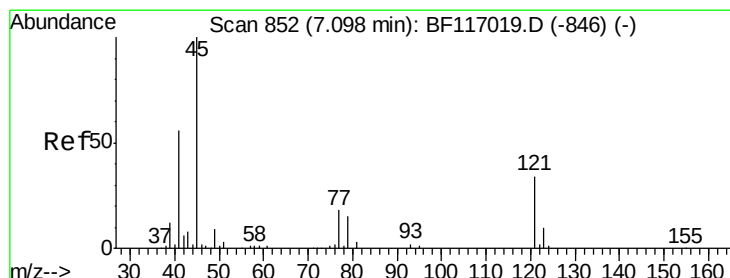
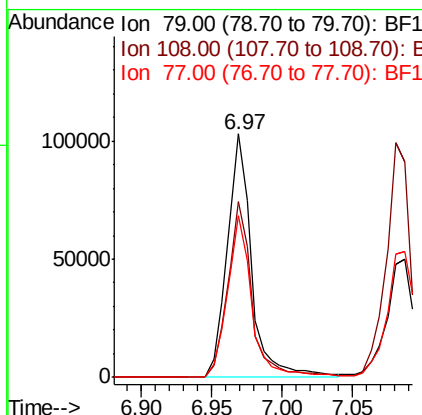
#15
Benzyl Alcohol
Concen: 45.490 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tot Ion	Ratio	Resp	Lower	Upper
79	100	123751		
108	72.1	59.4	89.0	
77	66.4	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

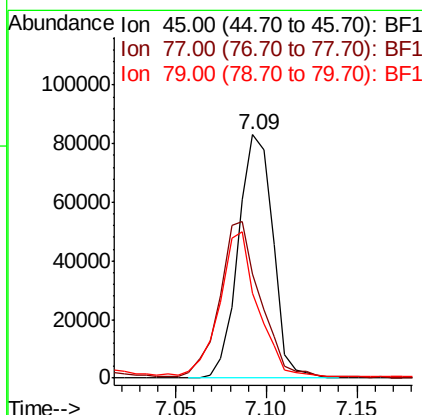
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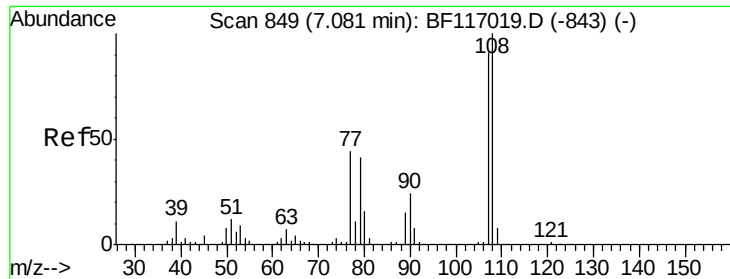
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.858 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	110347		
77	42.8	2.7	42.7#	
79	34.7	0.0	38.9	





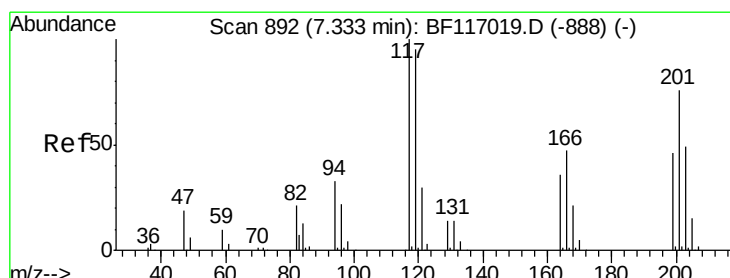
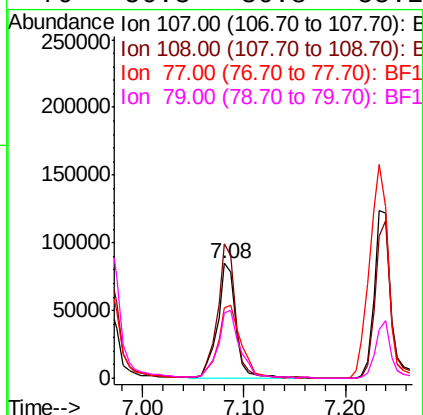
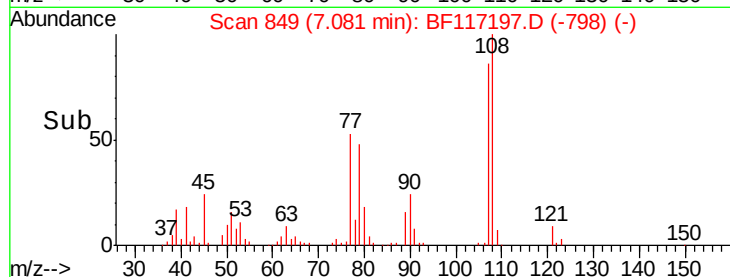
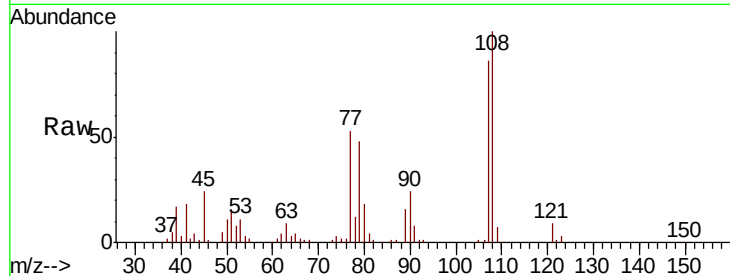
#17
2-Methylphenol
Concen: 43.120 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.9	87.7	131.5	
77	61.4	38.6	58.0	
79	56.3	36.8	55.2	

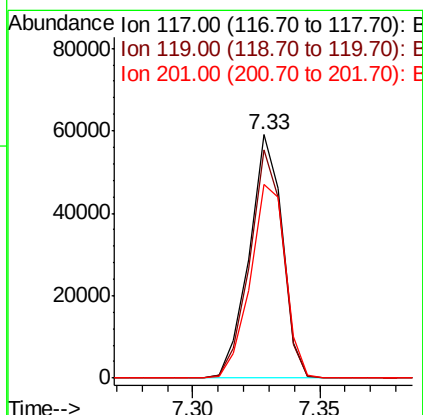
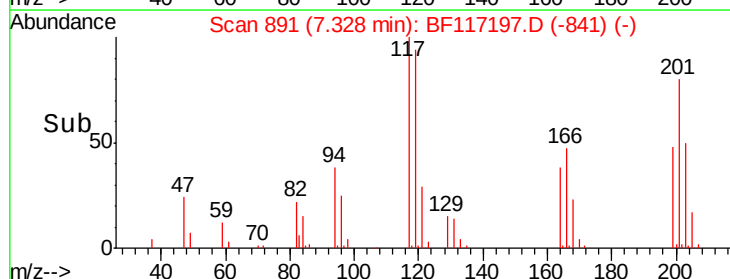
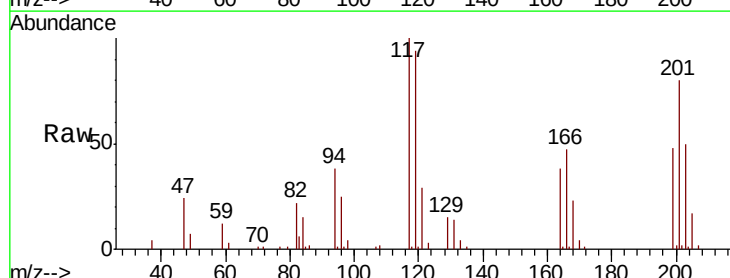
Manual Integrations
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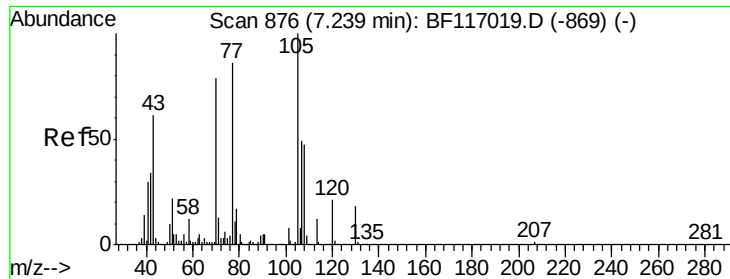
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#18
Hexachloroethane
Concen: 41.331 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	75.8	113.8	
201	79.6	60.9	91.3	





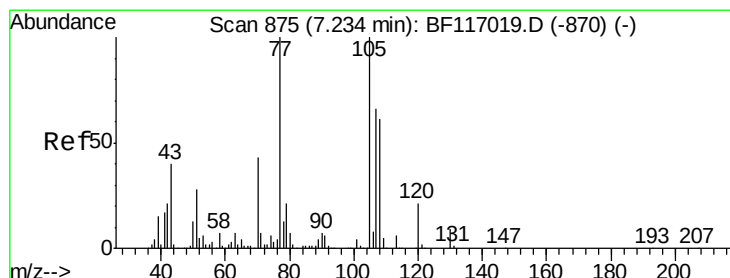
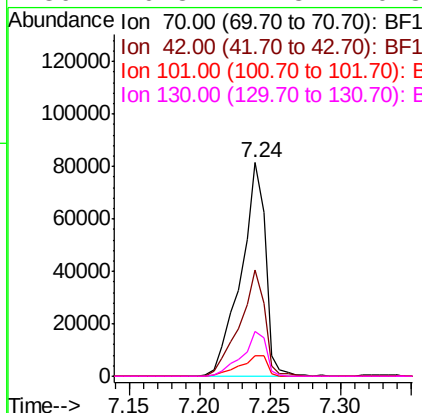
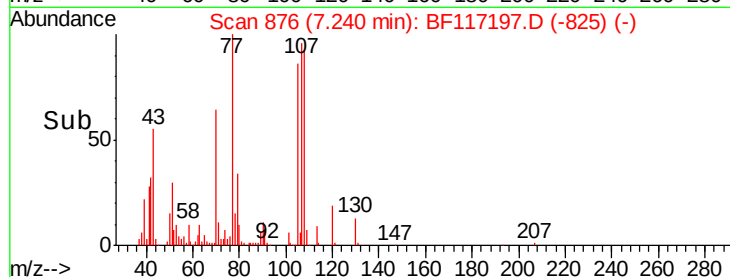
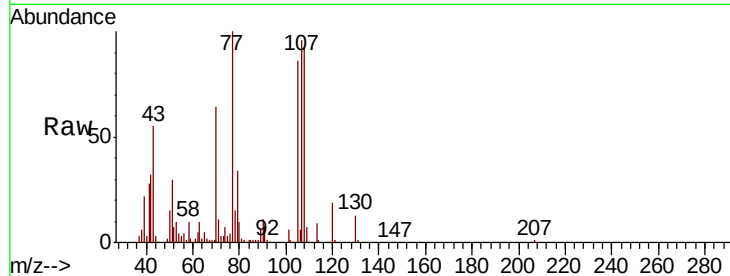
#19
n-Nitroso-di-n-propylamine
Concen: 45.945 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	34.0	51.0
101	9.4	7.8	11.6
130	20.8	17.8	26.8

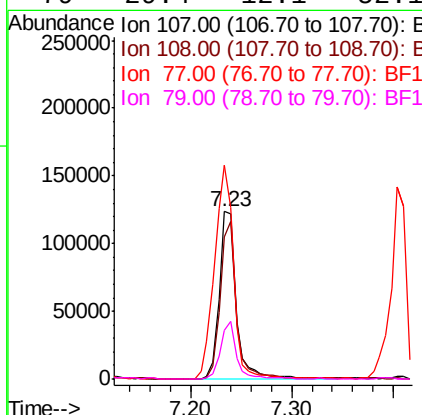
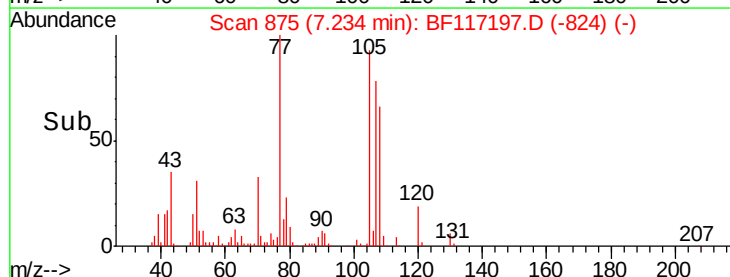
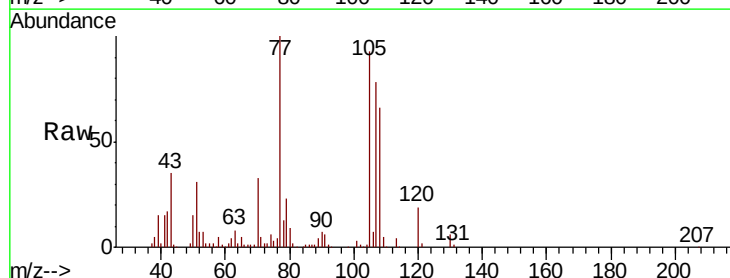
Manual Integrations
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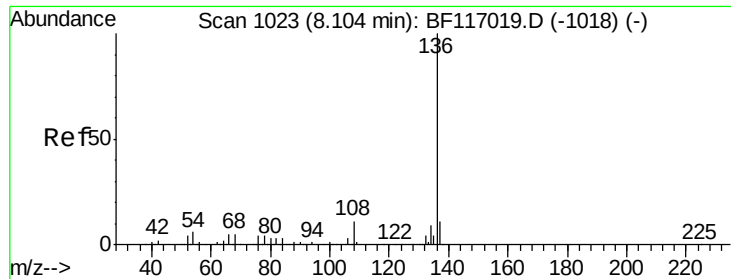
mohammad
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#20
3+4-Methylphenols
Concen: 46.863 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	72.6	112.6
77	127.8	132.1	172.1
79	29.4	12.1	52.1





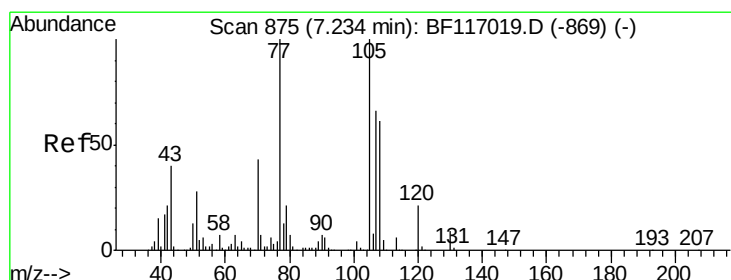
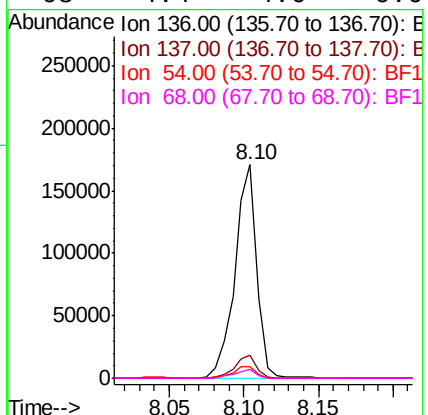
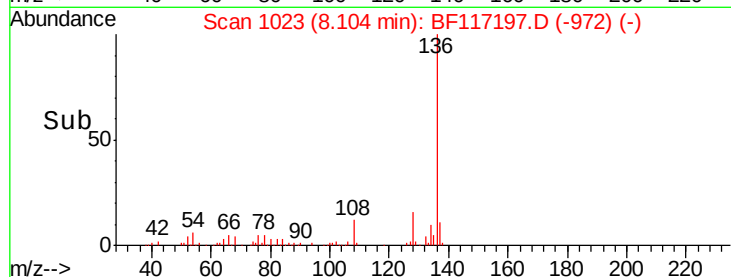
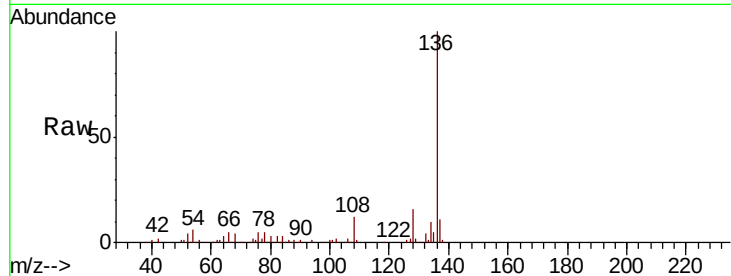
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	175087		
137	10.7		9.0	13.4
54	5.5		4.5	6.7
68	4.4		4.0	6.0

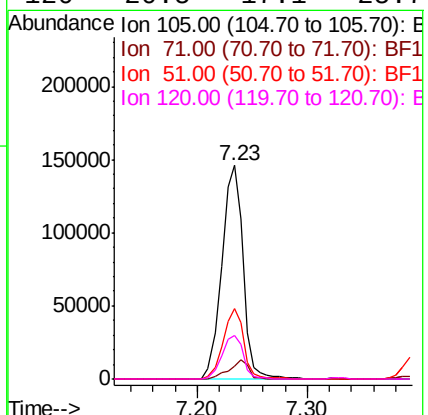
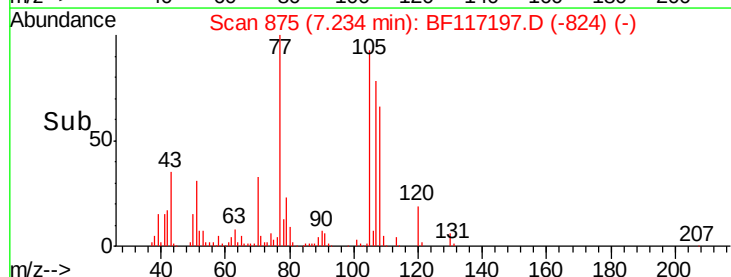
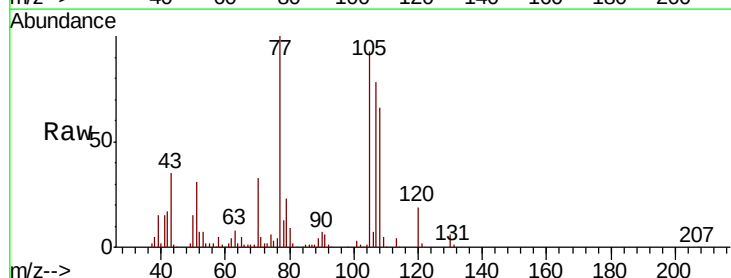
Manual Integrations
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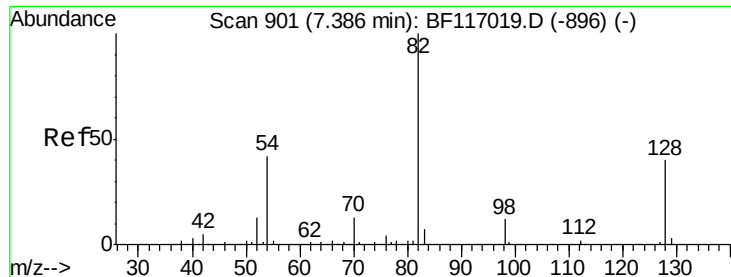
mohammad
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#22
Acetophenone
Concen: 44.127 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196294		
71	5.8		5.7	8.5
51	33.0		22.1	33.1
120	20.5		17.1	25.7





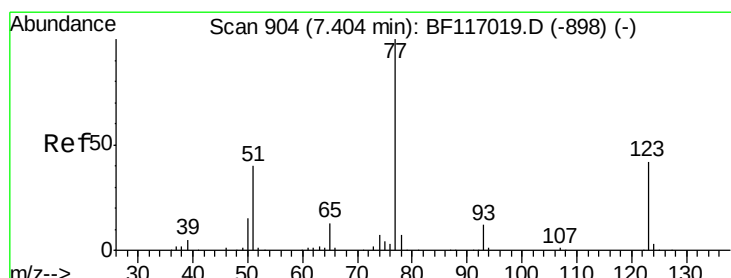
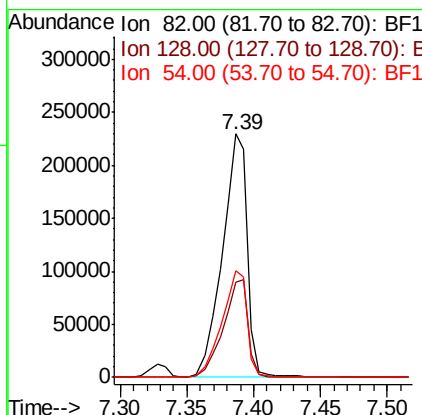
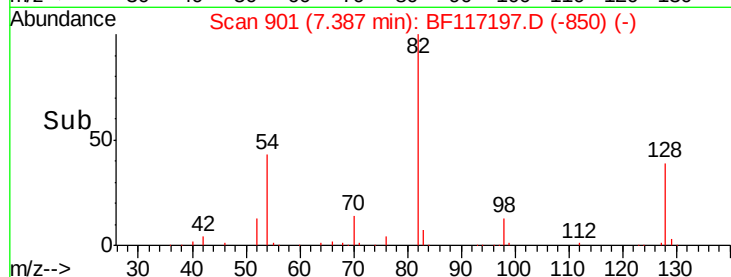
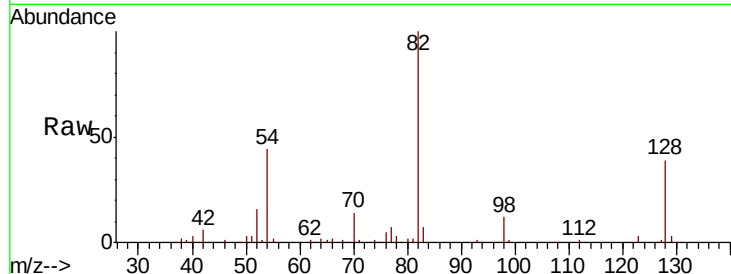
#23
 Nitrobenzene-d5
 Concen: 90.463 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	301449		
128	39.1		32.3	48.5
54	43.9		33.3	49.9

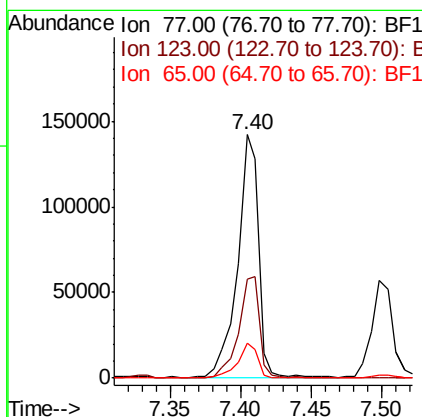
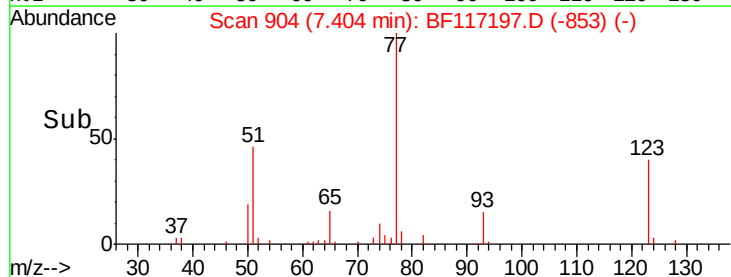
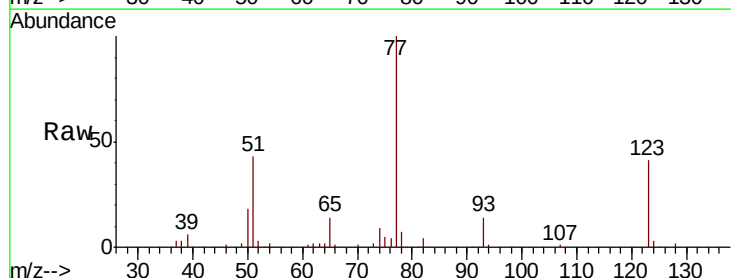
Manual Integrations
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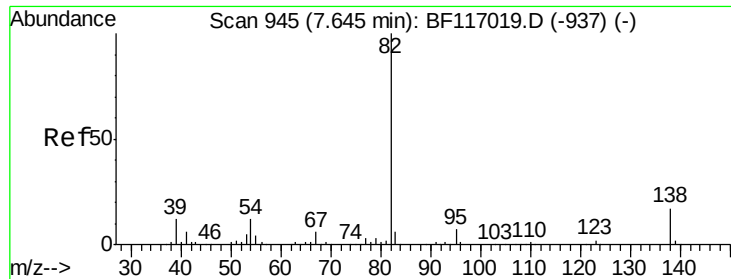
mohammad
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#24
 Nitrobenzene
 Concen: 44.300 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	145781		
123	40.5		33.5	50.3
65	14.4		10.5	15.7





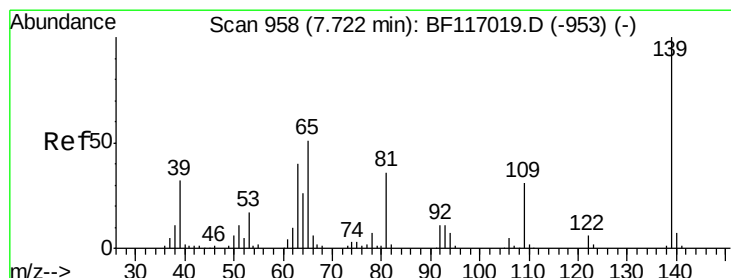
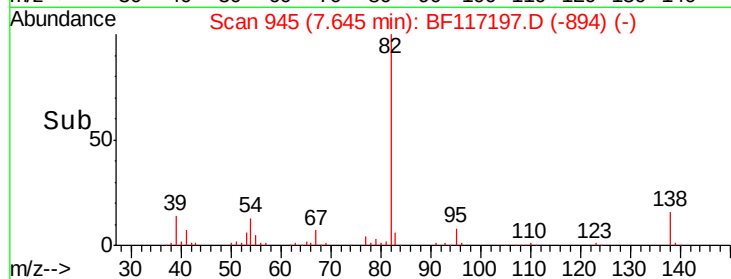
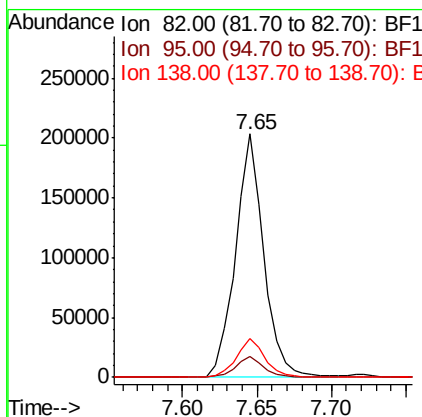
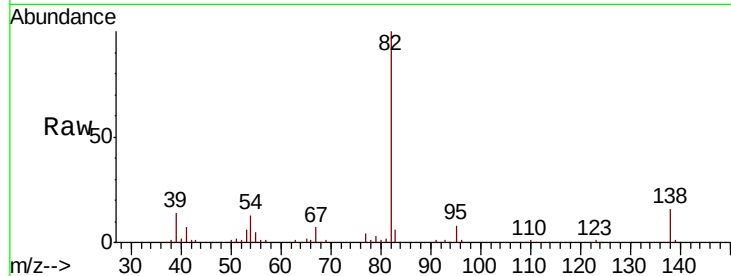
#25
Isophorone
Concen: 45.456 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampled :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	268195		
95	8.5		5.8	8.6
138	16.2		13.5	20.3

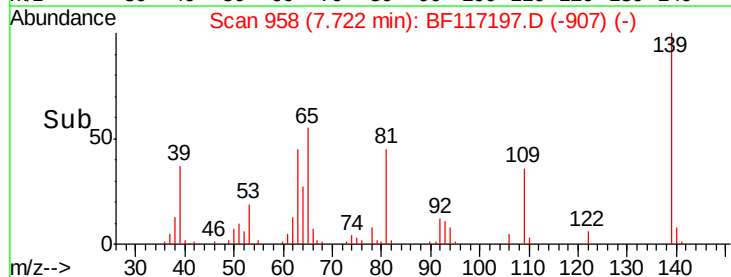
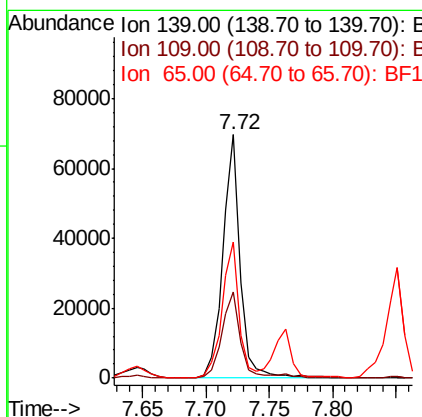
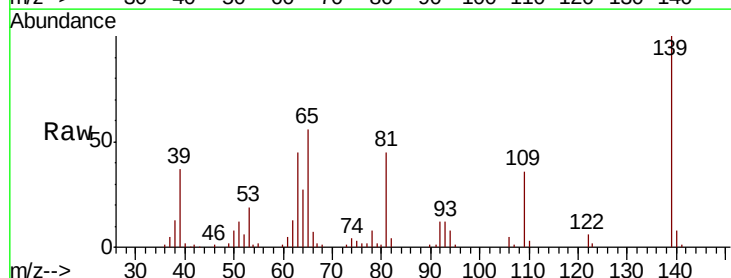
Manual Integrations
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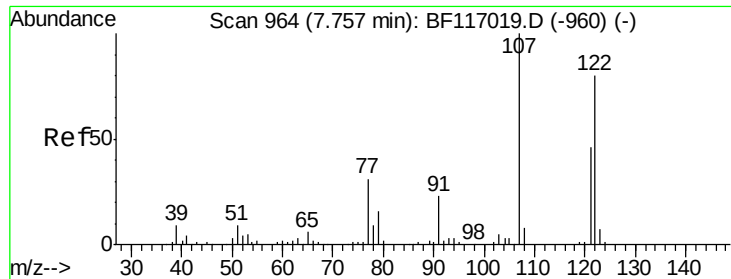
mohammad
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#26
2-Nitrophenol
Concen: 46.989 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66419		
109	35.5		24.6	36.8
65	55.8		40.9	61.3





#27

2,4-Dimethylphenol

Concen: 50.659 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

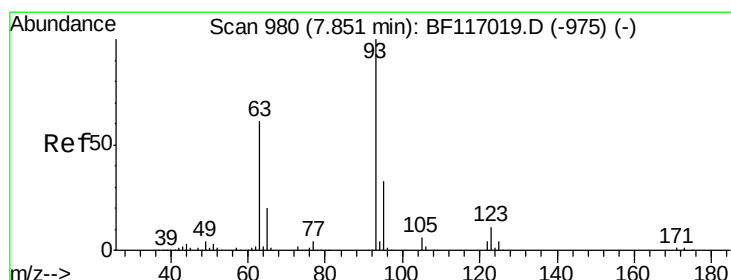
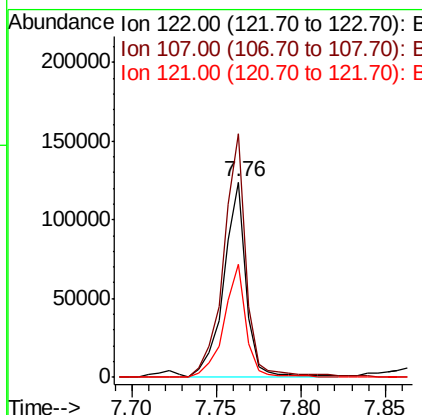
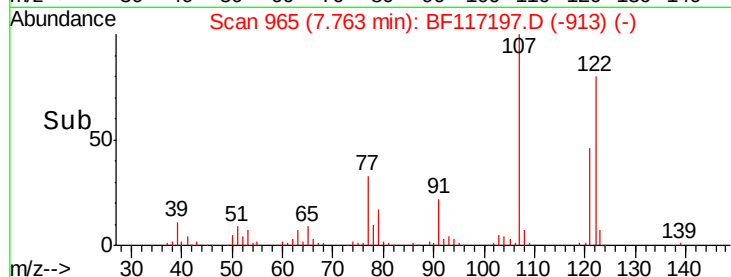
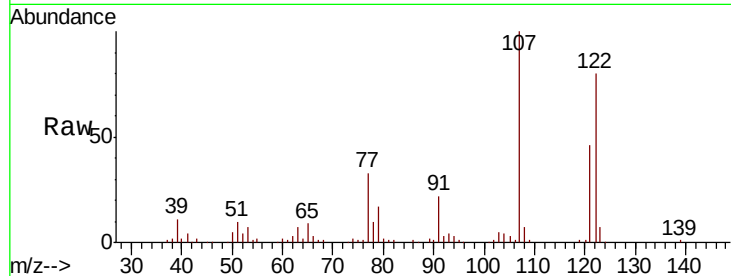
ClientSampleId :

PB123244BSD

Tot Ion:	122	Resp:	113554
Ion Ratio	Lower	Upper	
122	100		
107	124.7	98.9	148.3
121	58.0	45.3	67.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.692 ng

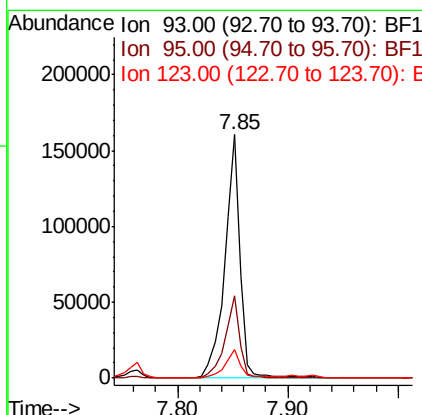
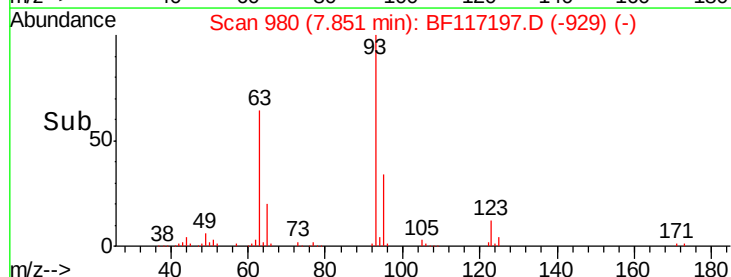
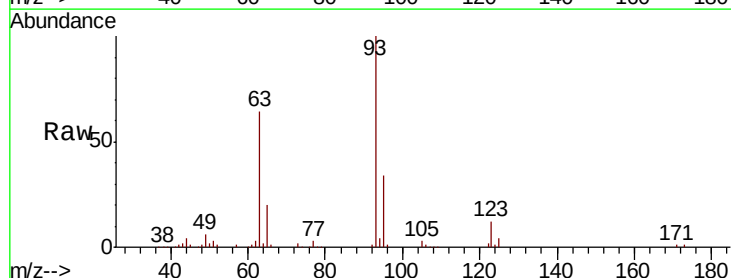
RT: 7.85 min Scan# 980

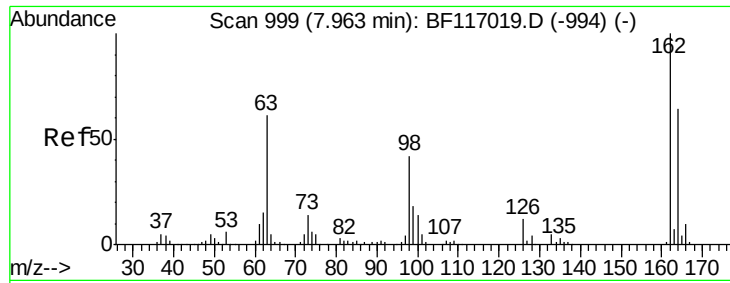
Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	93	Resp:	155189
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.2	39.4
123	11.6	9.0	13.6





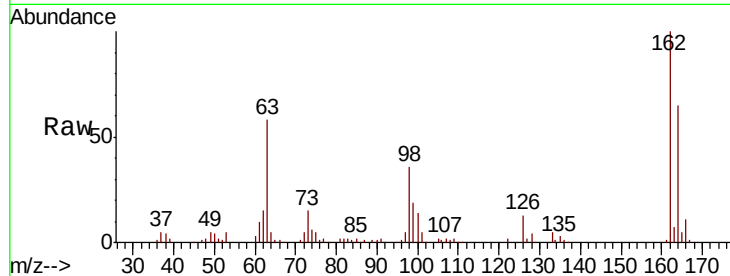
#29
 2,4-Dichlorophenol
 Concen: 45.590 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	107078		
164	65.4	43.8	83.8	
98	36.0	22.1	62.1	

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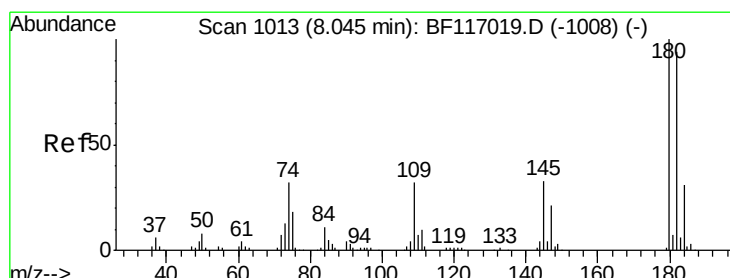
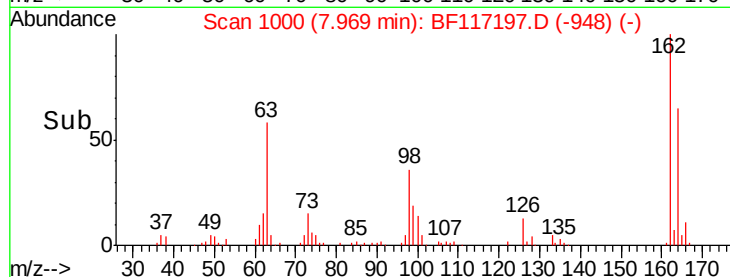
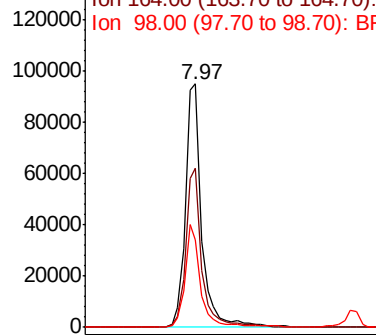


Abundance

Ion 162.00 (161.70 to 162.70): E

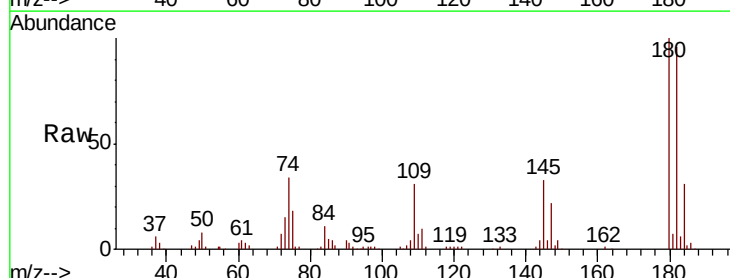
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.109 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106851		
182	95.6	75.4	113.0	
145	32.6	26.7	40.1	

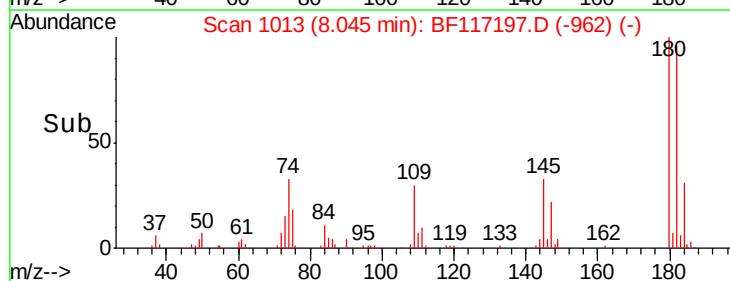
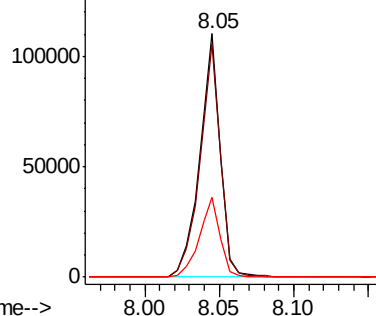


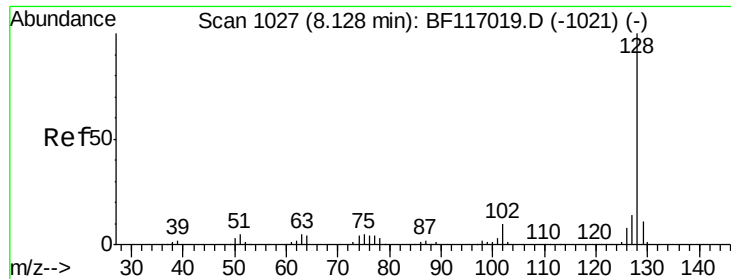
Abundance

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





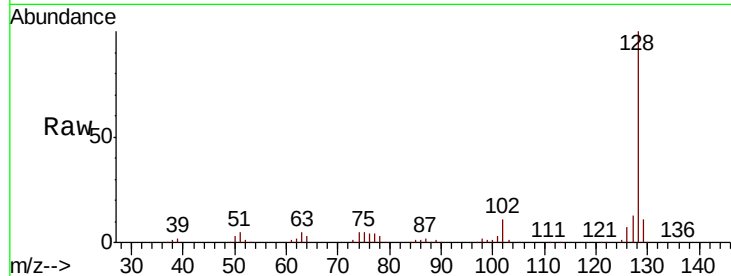
#31
Naphthalene
Concen: 44.045 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.1	10.8	16.2

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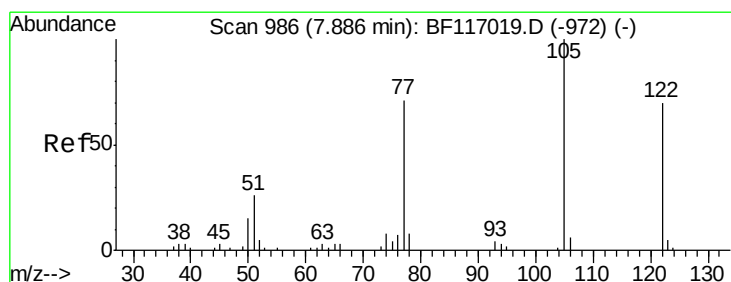
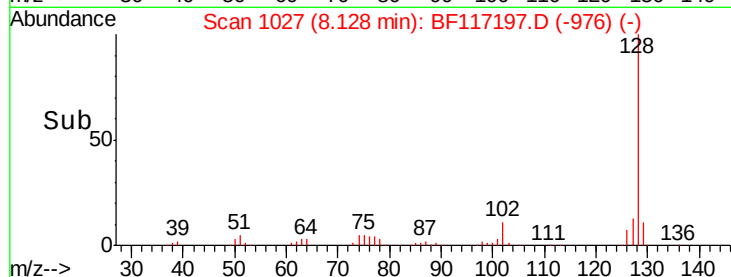
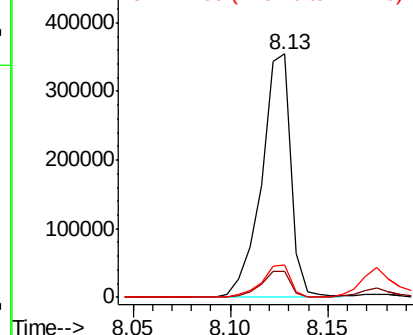


Abundance

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: 37.771 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

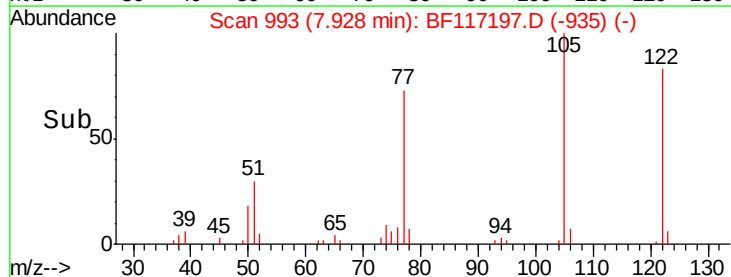
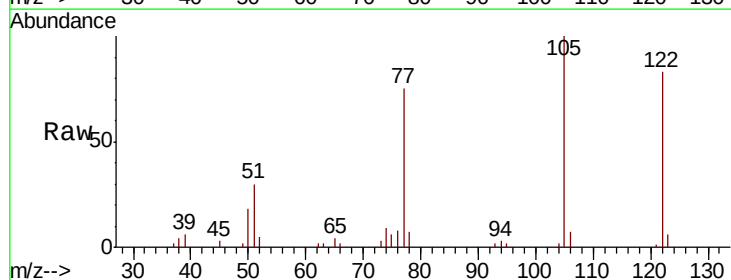
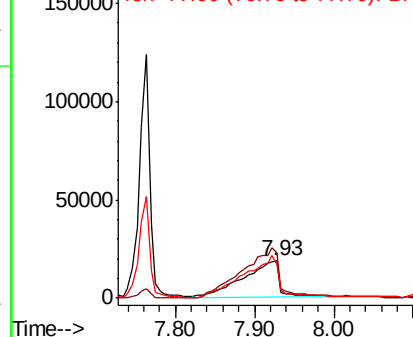
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	114.8	154.8
77	89.8	78.7	118.7

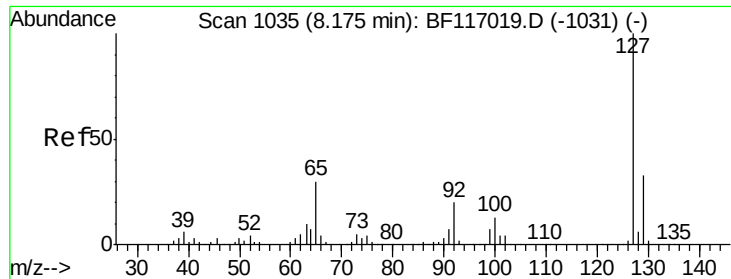
Abundance

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





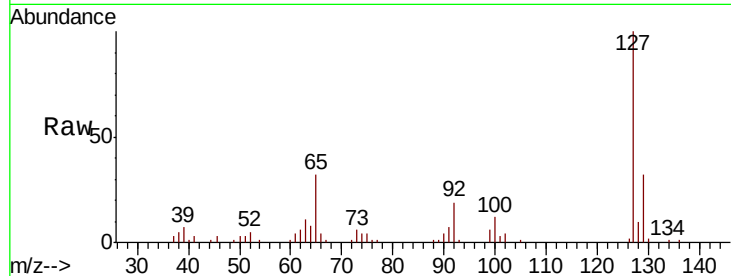
#33
4-Chloroaniline
Concen: 16.231 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

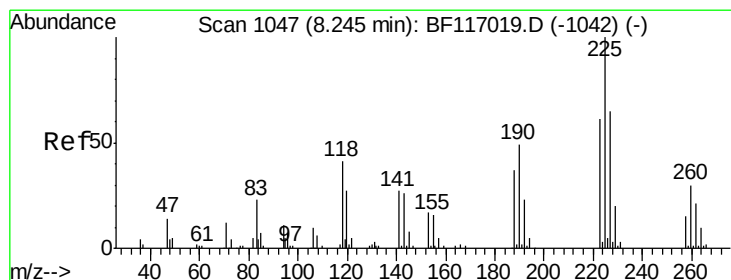
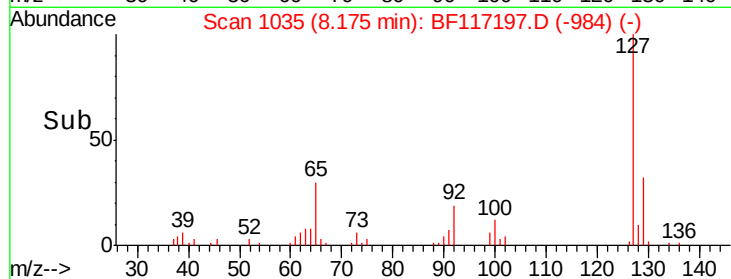
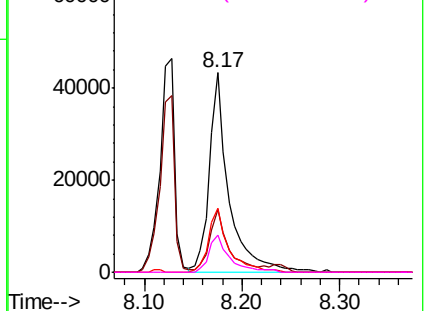
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60618		
129	31.5	26.2	39.2		
65	31.9	23.5	35.3		
92	18.6	15.9	23.9		

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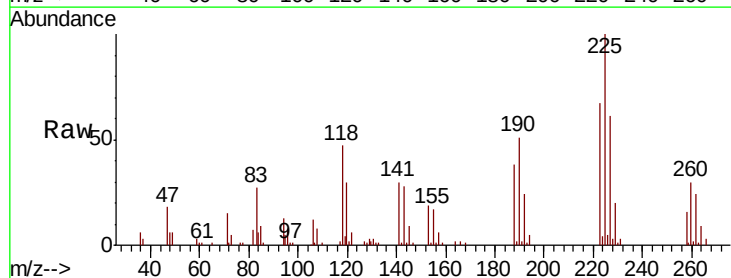


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

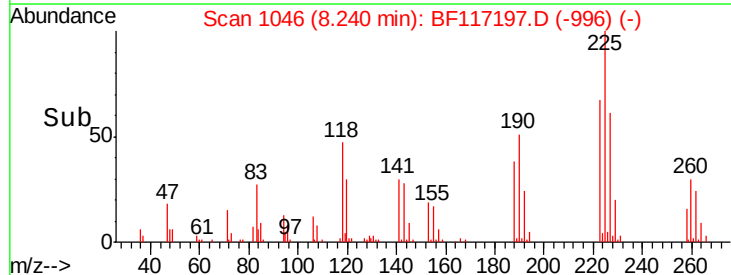
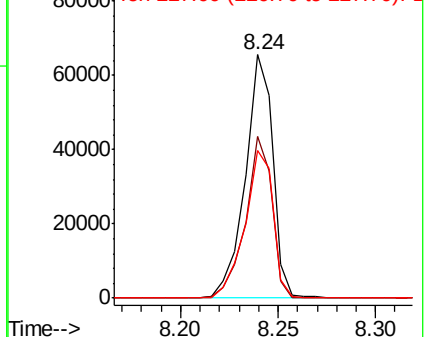


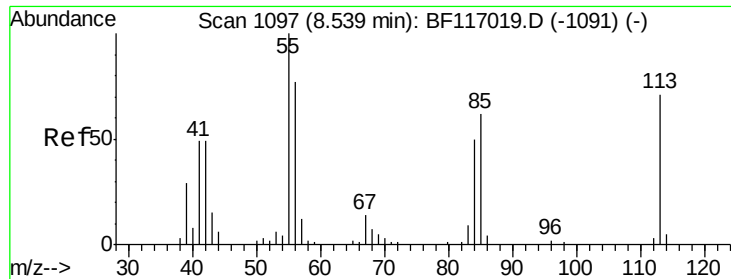
#34
Hexachlorobutadiene
Concen: 44.535 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		64114		
223	66.6	49.1	73.7		
227	60.7	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





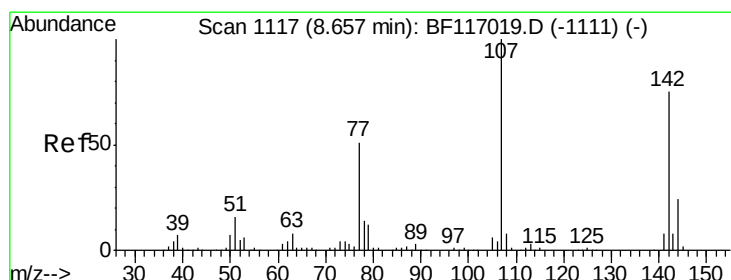
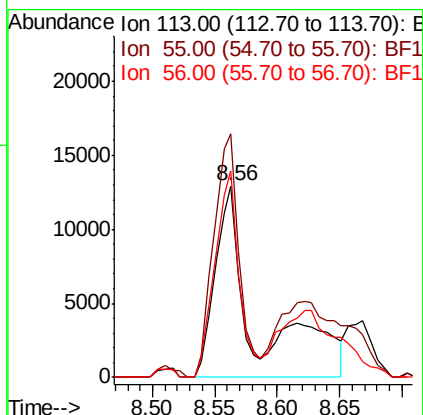
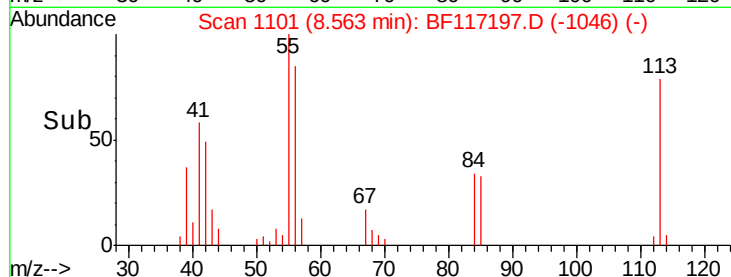
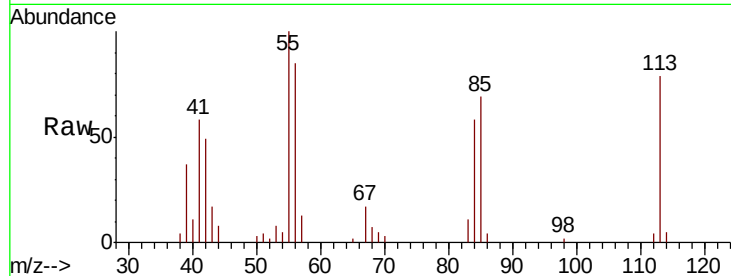
#35
Caprolactam
Concen: 36.542 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.0	120.6	160.6
56	107.6	88.8	128.8

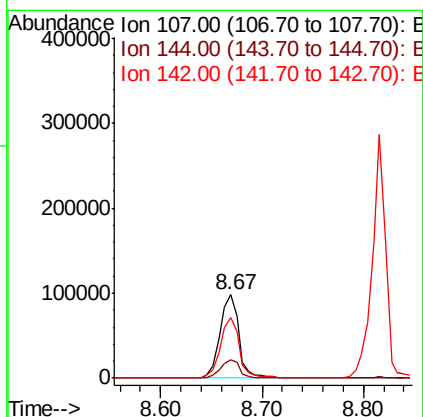
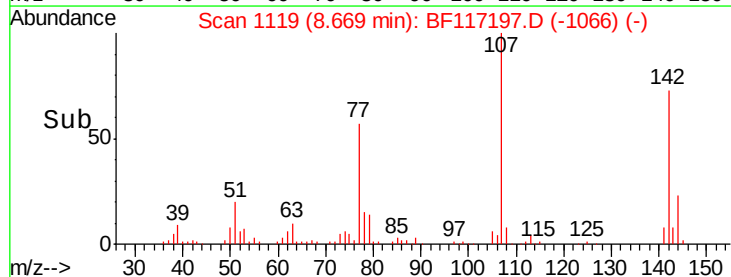
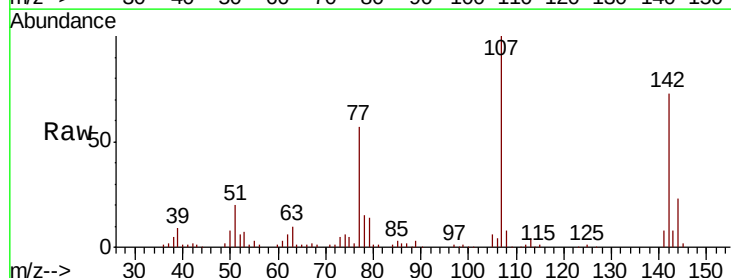
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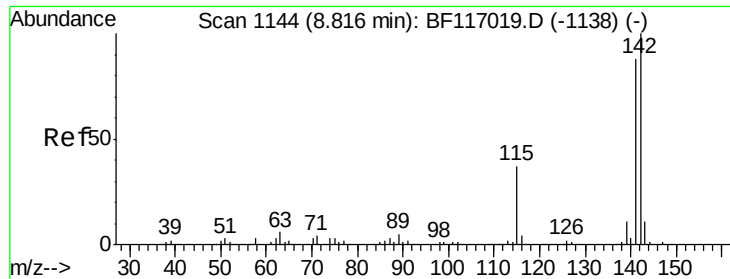
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#36
4-Chloro-3-methylphenol
Concen: 46.786 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.2	28.8
142	72.9	59.6	89.4





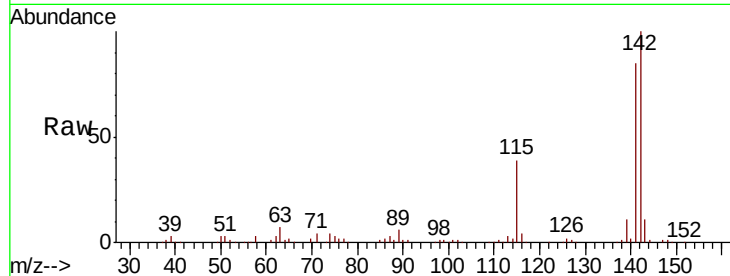
#37
2-Methylnaphthalene
Concen: 46.680 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.7	106.1
115	38.7	29.4	44.0

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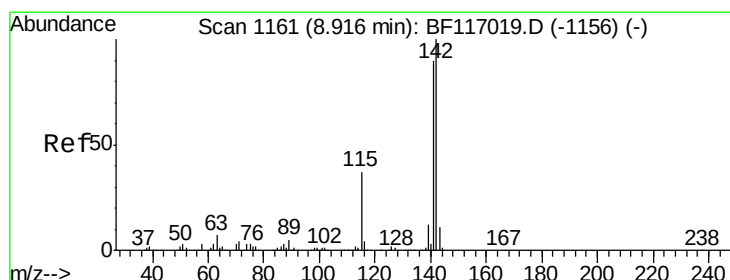
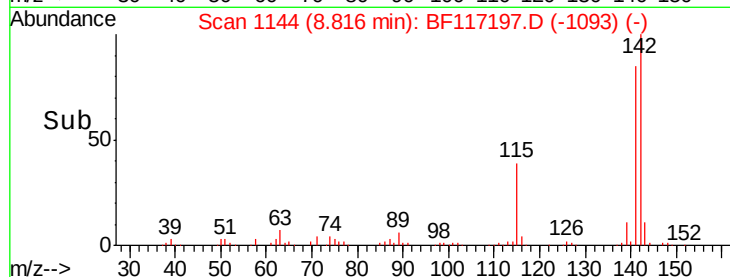
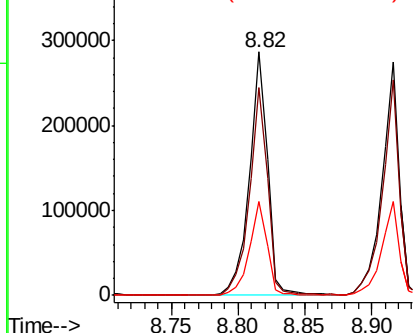


Abundance

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: 45.770 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

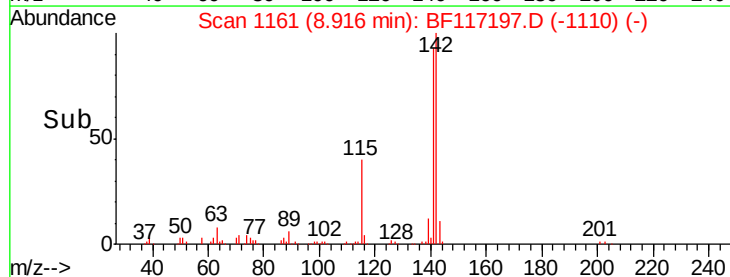
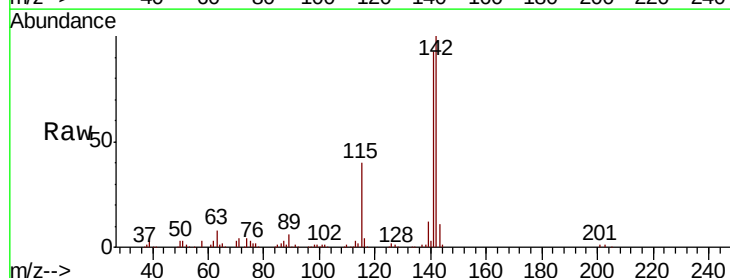
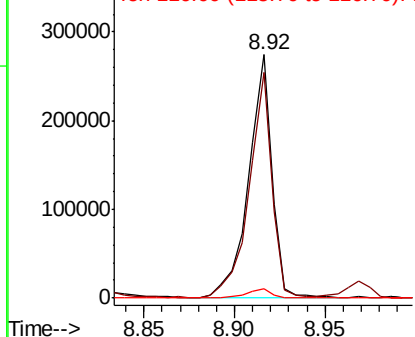
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
116	4.0	3.2	4.8

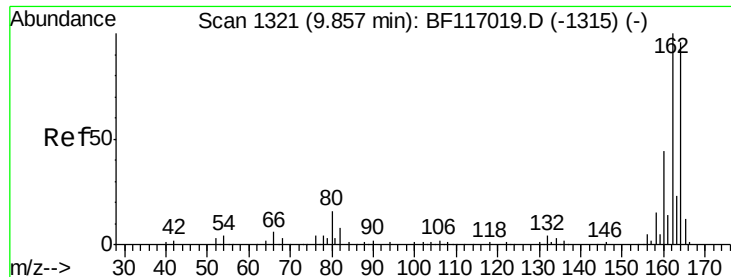
Abundance

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





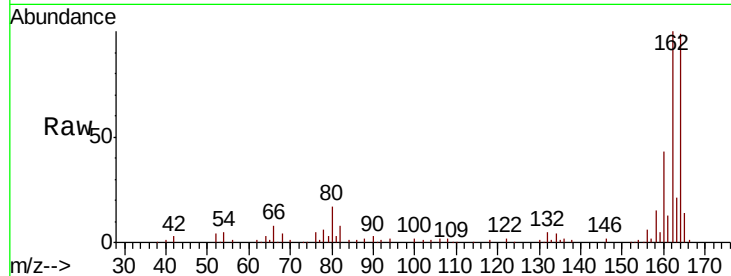
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampled :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	43.5	36.4	54.6

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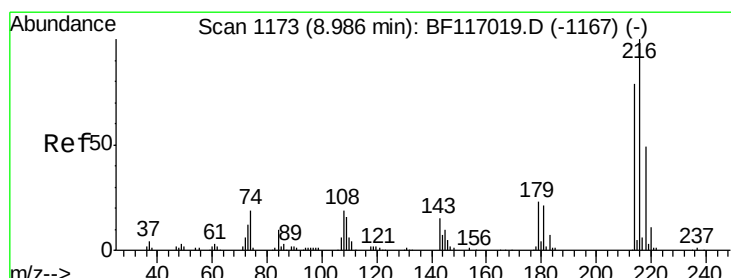
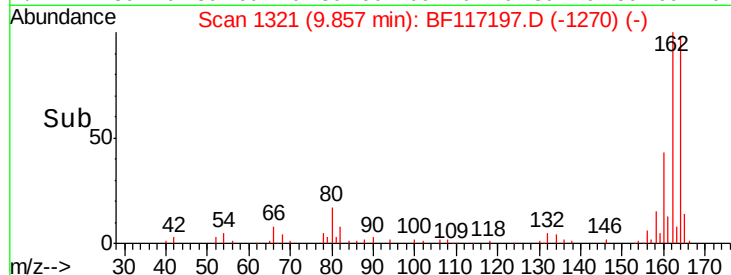
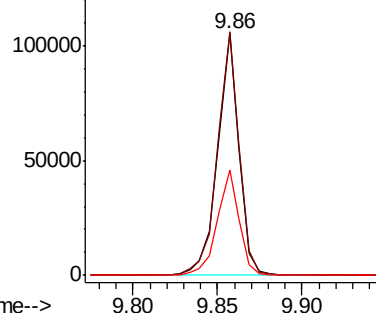


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.365 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.6	95.4
179	23.8	18.3	27.5
108	25.9	17.8	26.6

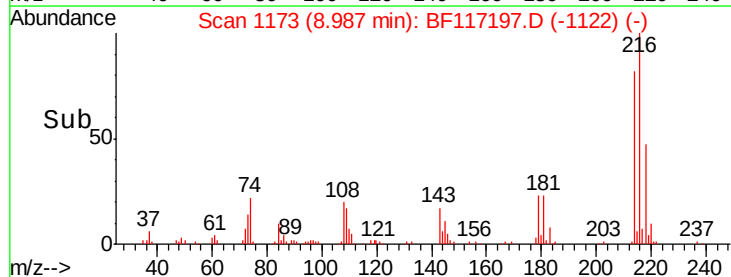
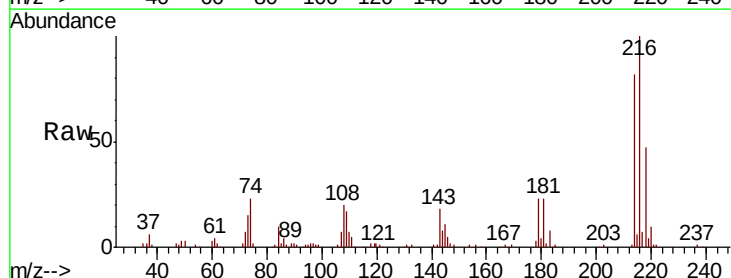
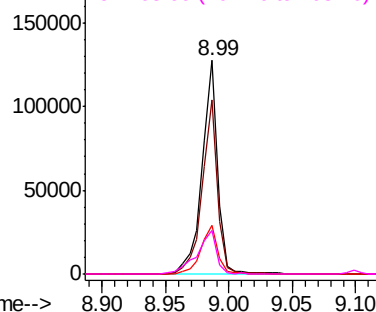
Abundance

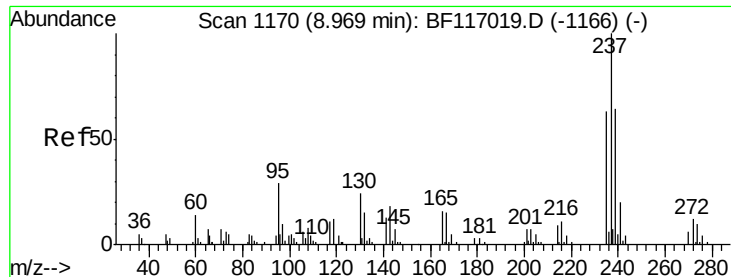
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.433 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

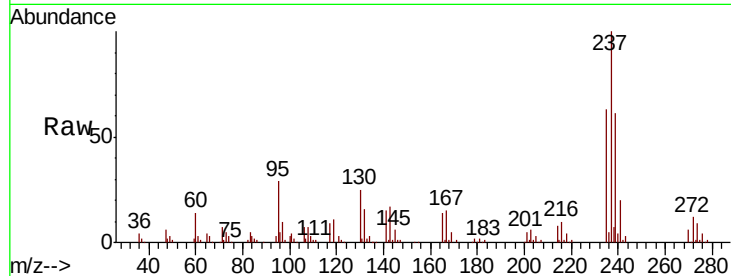
ClientSampleId :

PB123244BSD

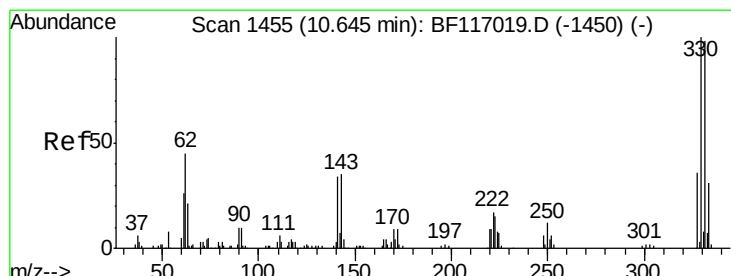
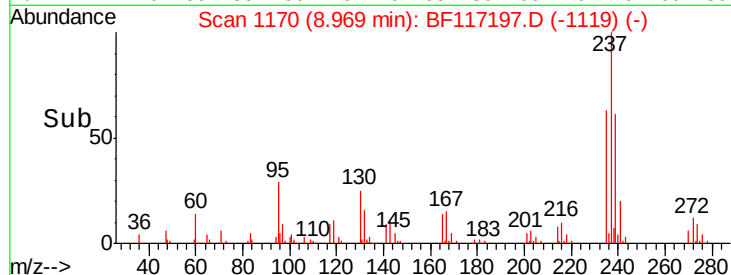
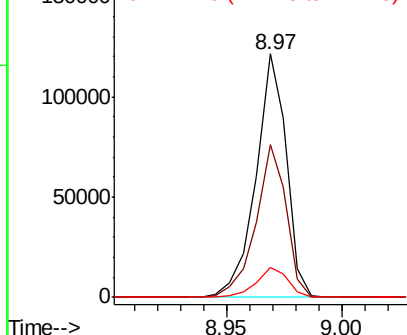
Tot Ion:	237	Resp:	112050
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.2	83.2
272	12.3	0.0	31.9

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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: 100.965 ng

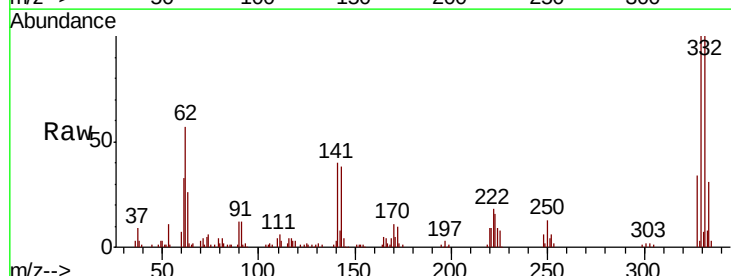
RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

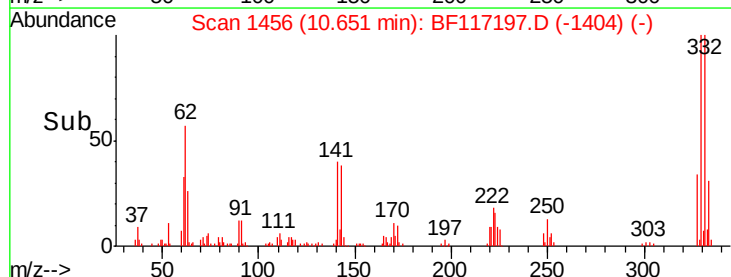
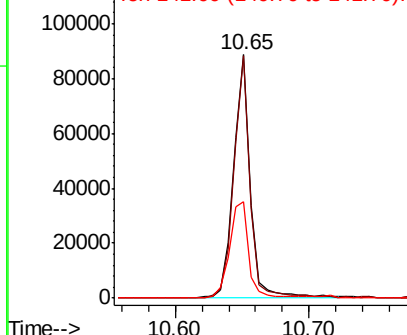
Lab File: BF117197.D

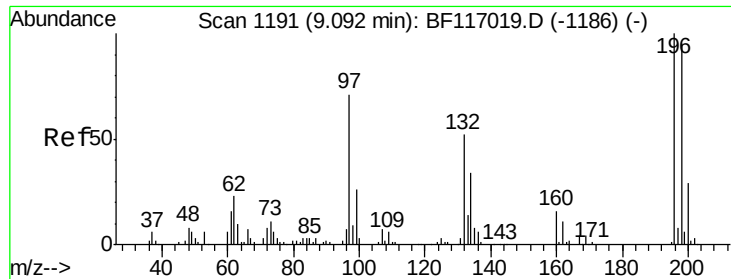
Acq: 20 Sep 2019 20:30

Tgt Ion:	330	Resp:	78988
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.0	117.0
141	45.4	35.8	53.6



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





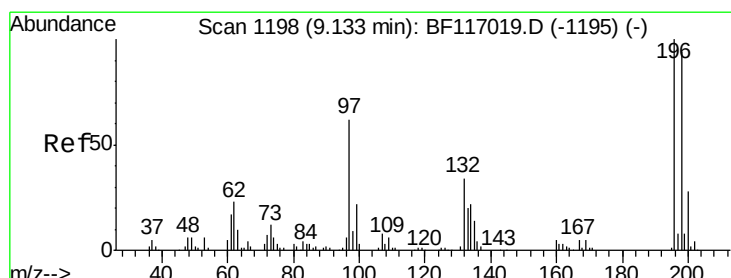
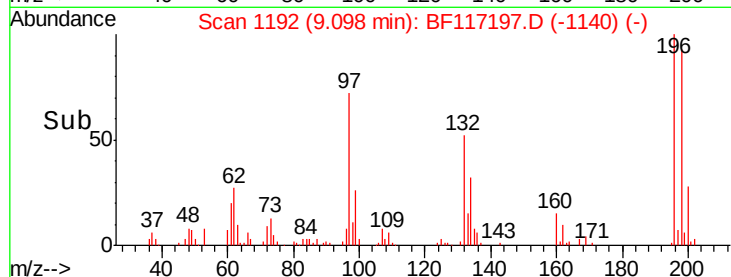
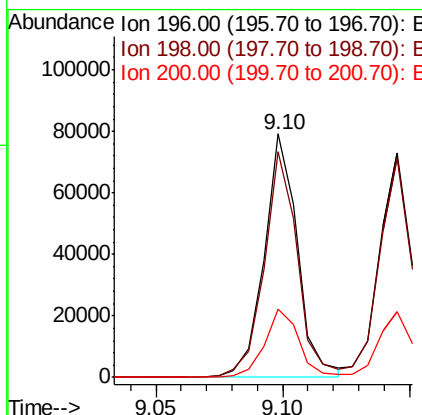
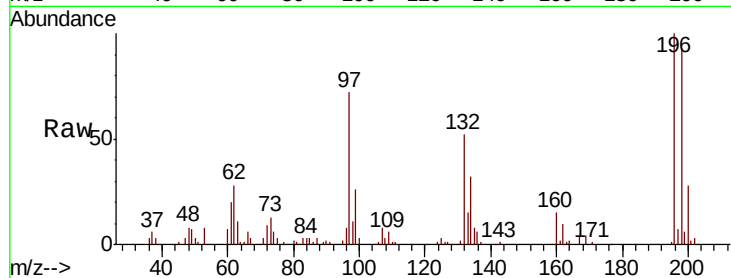
#43
2,4,6-Trichlorophenol
Concen: 44.353 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampled :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72754		
198	92.8		75.7	113.5
200	28.2		23.3	34.9

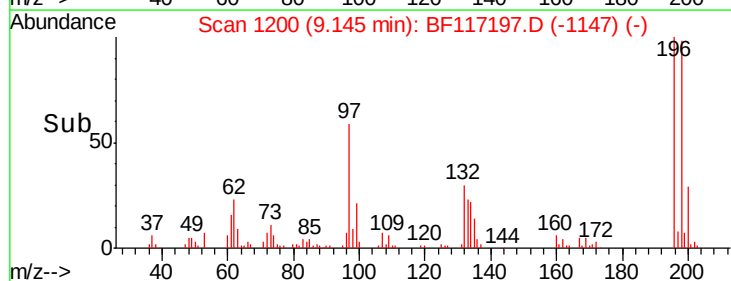
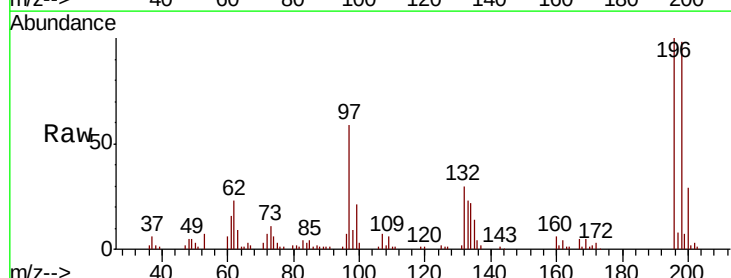
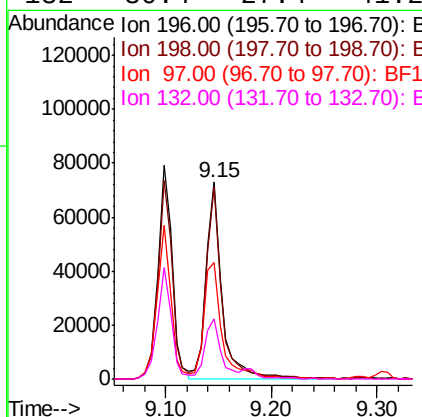
Manual Integrations
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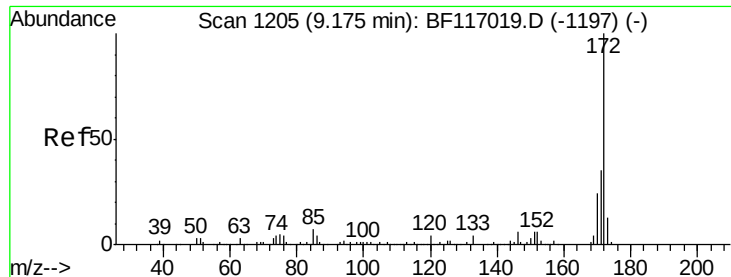
mohammad
9/24/2019 9:12:48 AM



#44
2,4,5-Trichlorophenol
Concen: 44.411 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77834		
198	97.6		74.6	112.0
97	59.4		49.5	74.3
132	30.4		27.4	41.2





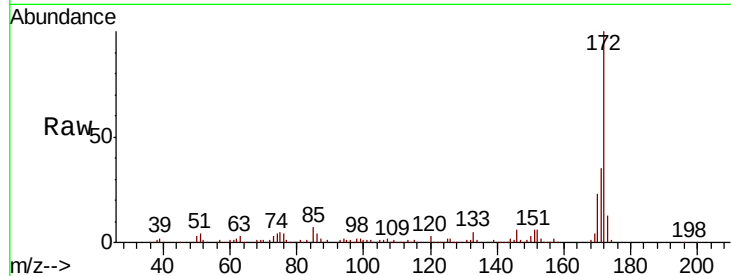
#45
2-Fluorobiphenyl
Concen: 98.050 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	586990		
171	35.0		28.2	42.2
170	23.5		18.9	28.3

Manual Integrations
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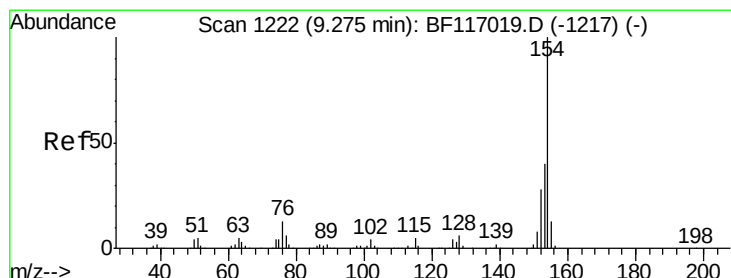
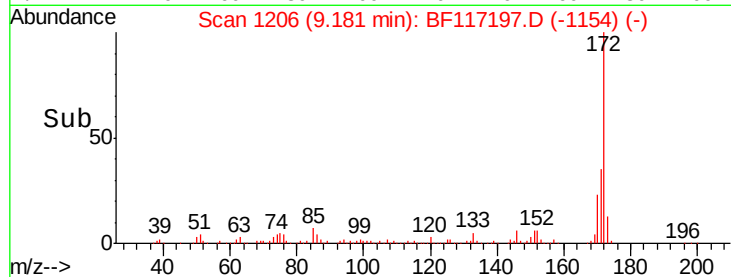
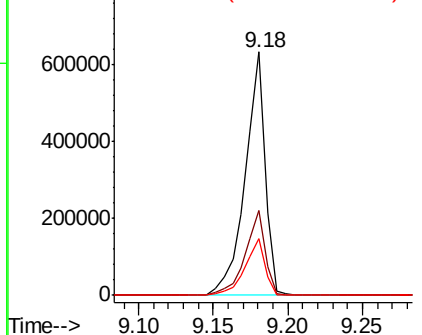


Abundance

Ion 172.00 (171.70 to 172.70): E

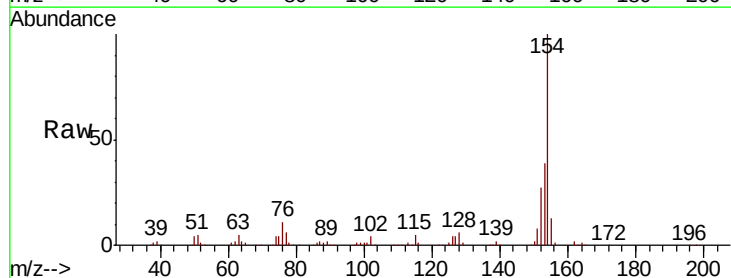
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.724 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	321042		
153	39.0		20.0	60.0
76	11.0		0.0	32.7

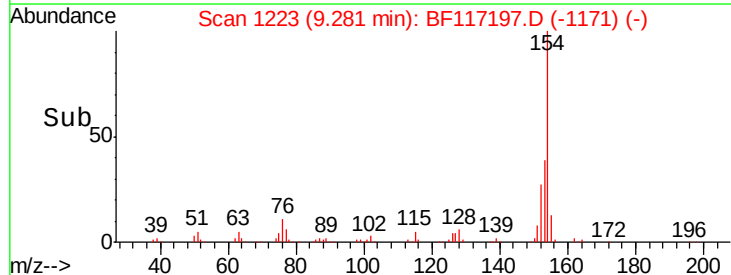
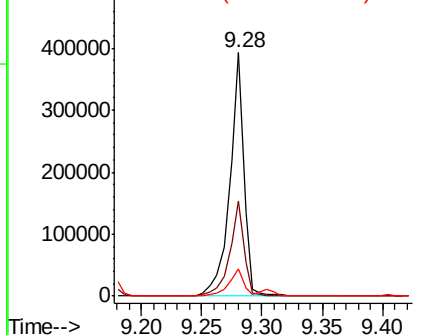


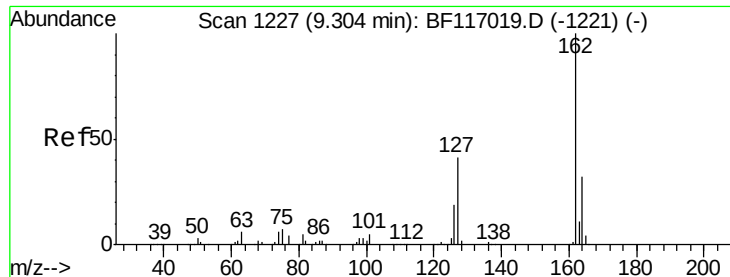
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





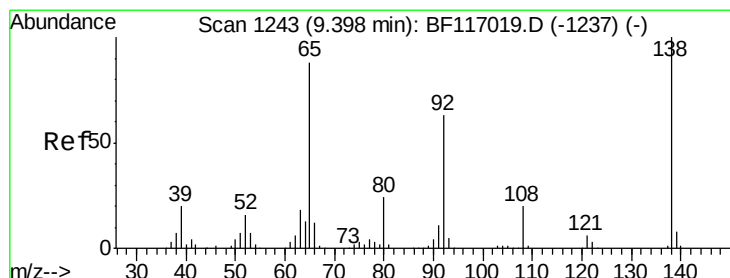
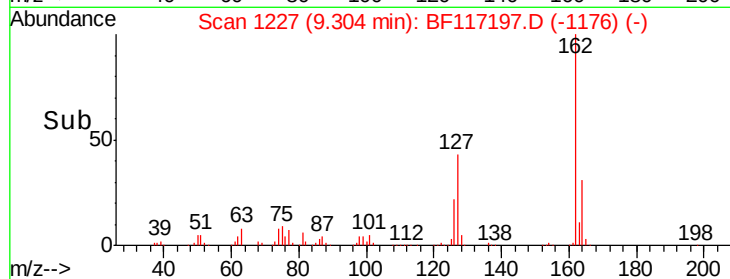
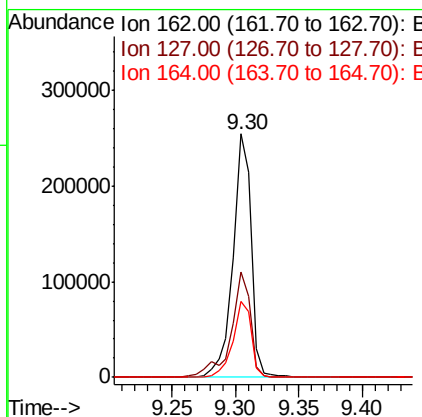
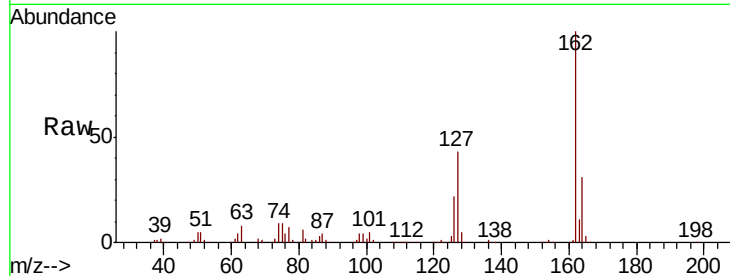
#47
2-Chloronaphthalene
Concen: 42.977 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	249041		
127	43.1		34.1	51.1
164	31.0		25.9	38.9

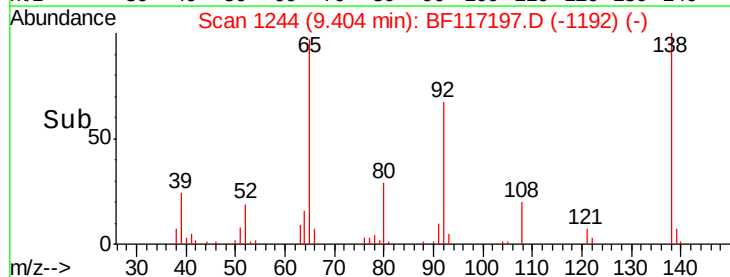
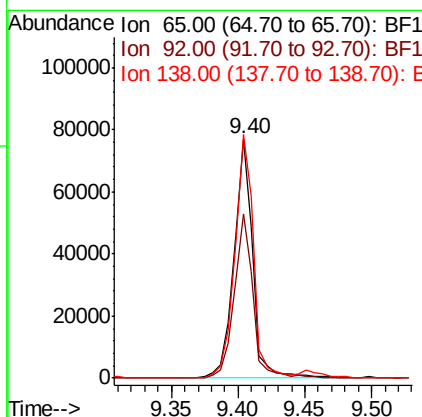
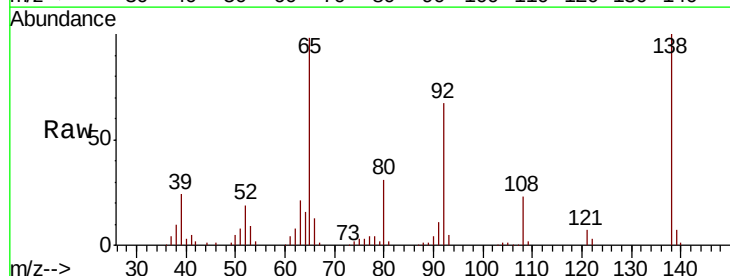
Manual Integrations
APPROVED

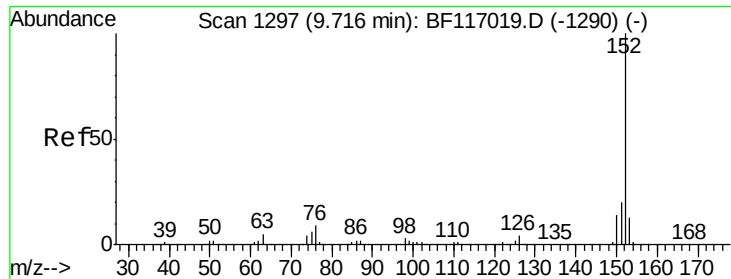
mohammad
9/24/2019 9:12:48 AM



#48
2-Nitroaniline
Concen: 40.807 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	75847		
92	68.8		57.5	86.3
138	102.1		90.6	136.0





#49

Acenaphthylene

Concen: 44.194 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

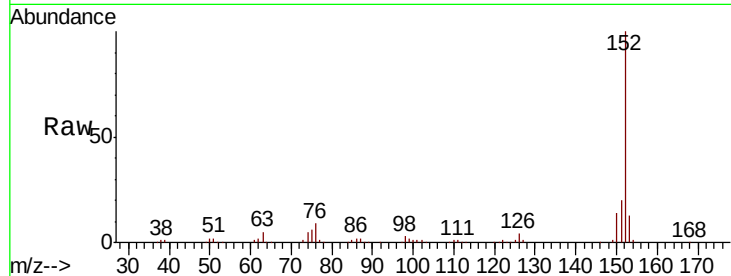
ClientSampleId :

PB123244BSD

Tot Ion:	152	Resp:	383644
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	12.9	10.2	15.4

Manual Integrations
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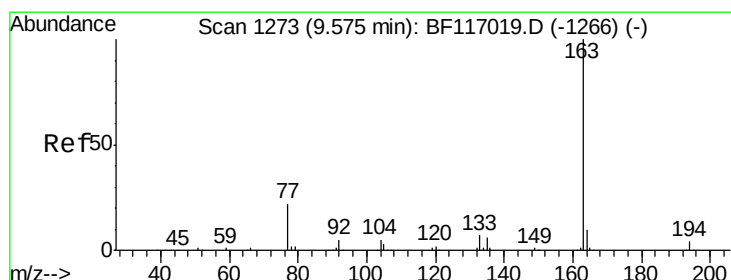
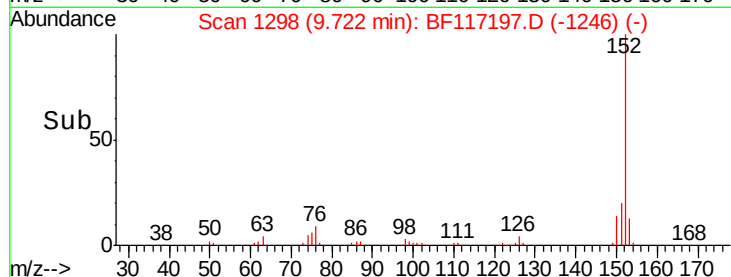
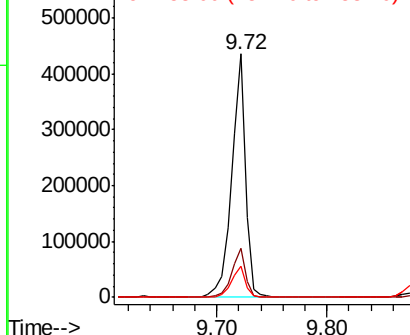


Abundance

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: 44.802 ng

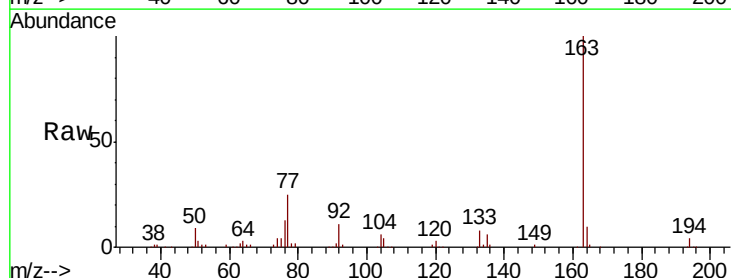
RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	163	Resp:	296940
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.8	8.2	12.4

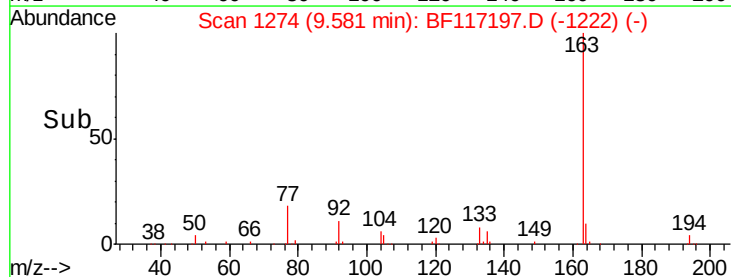
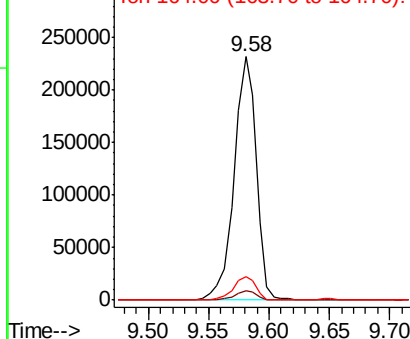


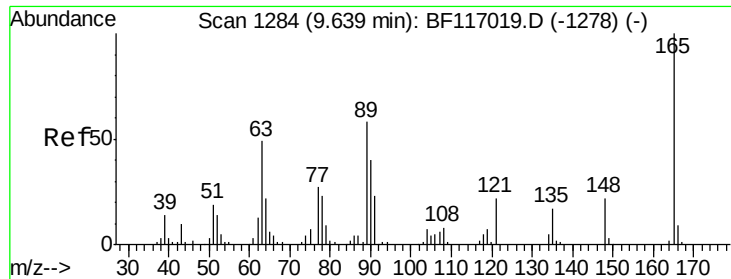
Abundance

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





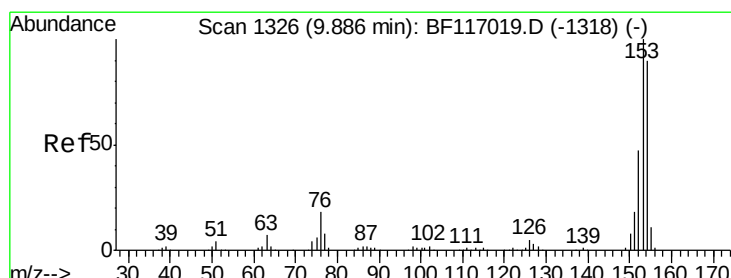
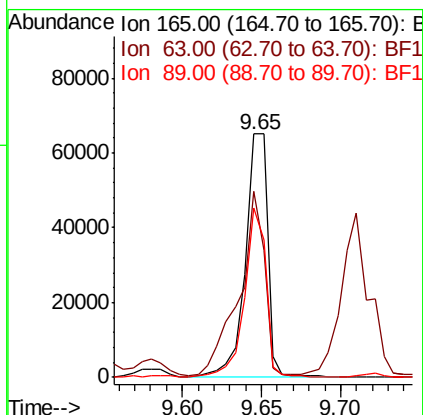
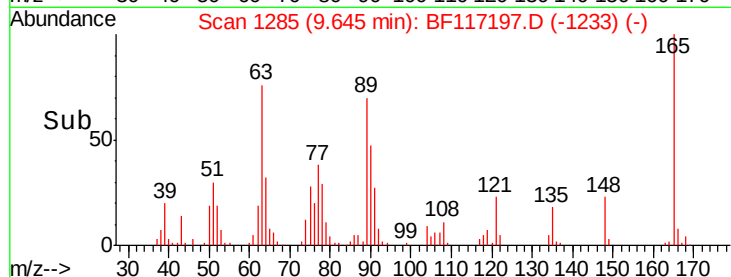
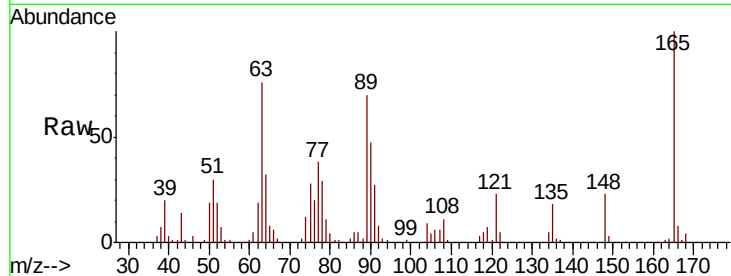
#51
 2,6-Dinitrotoluene
 Concen: 47.136 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.4	41.8	62.8#	
89	69.8	46.5	69.7#	

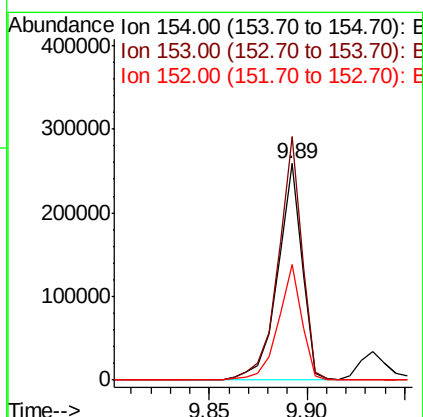
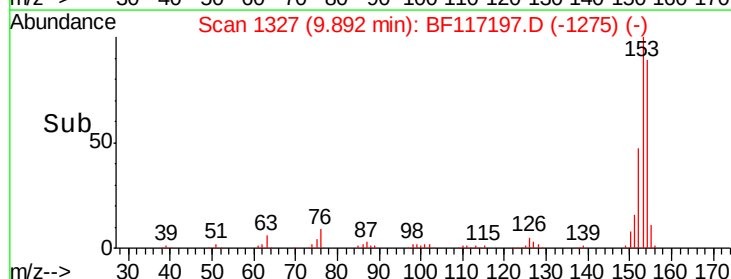
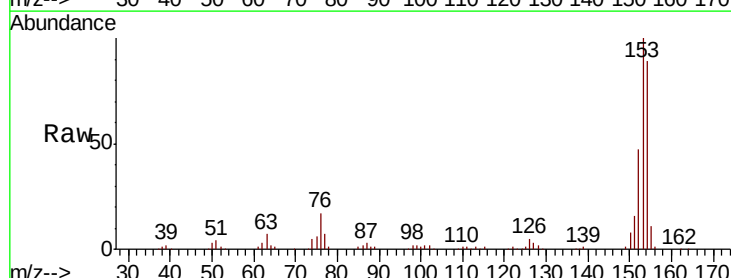
Manual Integrations
 APPROVED

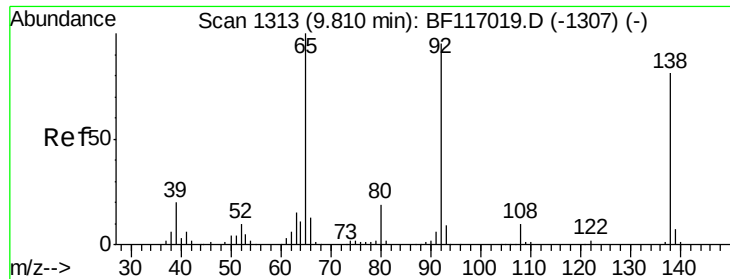
mohammad
 9/24/2019 9:12:48 AM



#52
 Acenaphthene
 Concen: 43.415 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	89.0	133.6	
152	53.3	41.9	62.9	





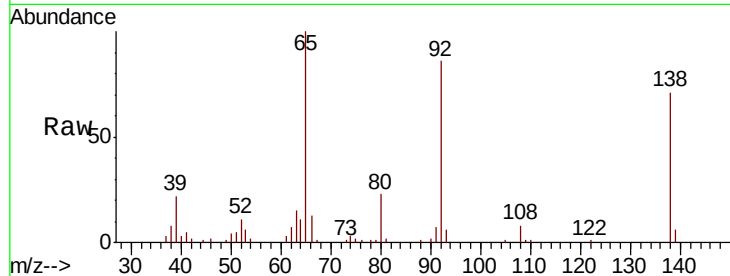
#53
3-Nitroaniline
Concen: 19.204 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.5	14.3
92	120.8	94.1	141.1

Manual Integrations
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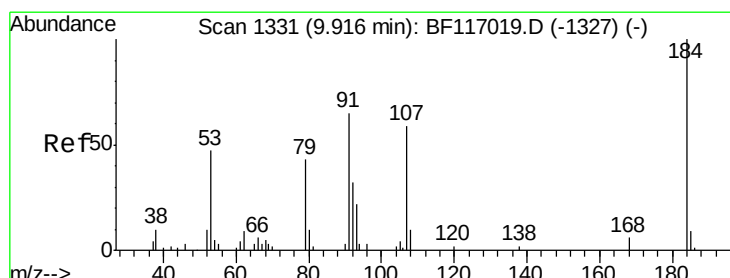
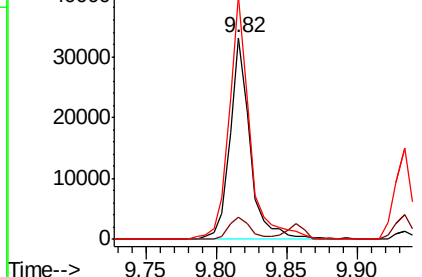
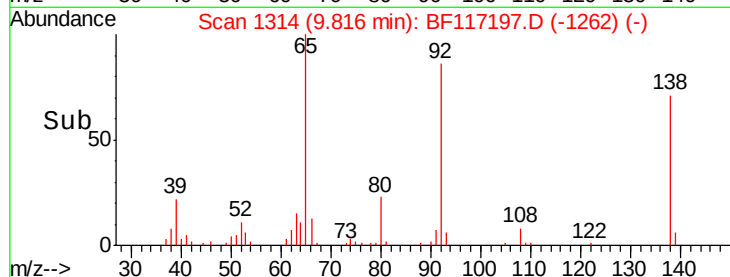


Abundance

Ion 138.00 (137.70 to 138.70): E

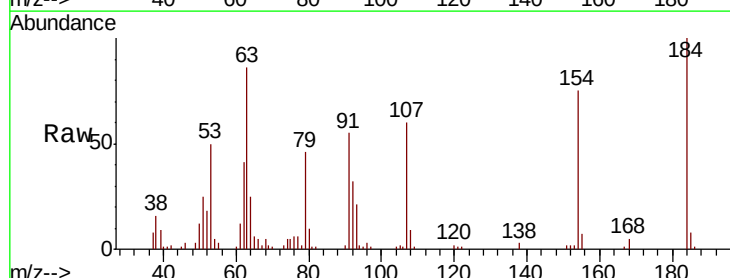
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.957 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.6	63.8	95.6
154	74.8	60.4	90.6

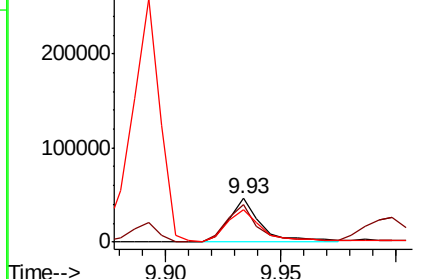
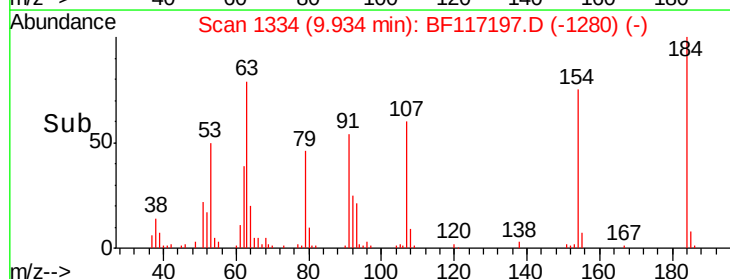


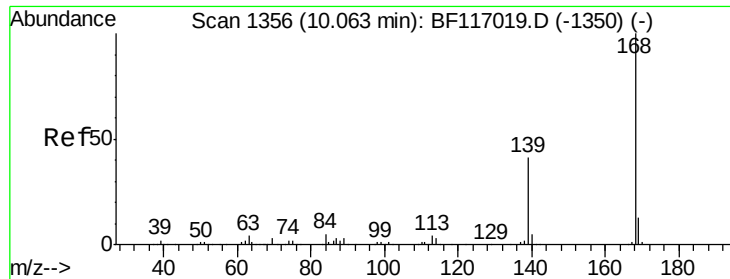
Abundance

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





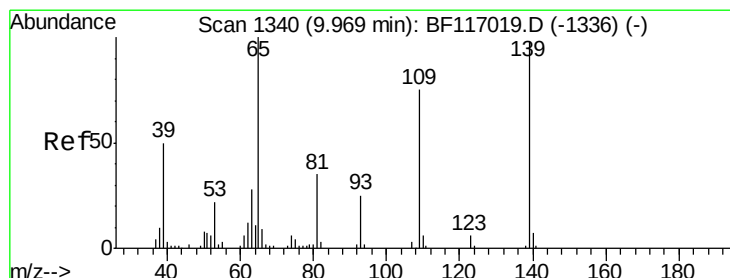
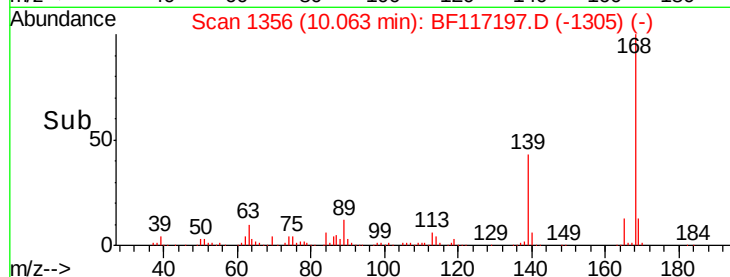
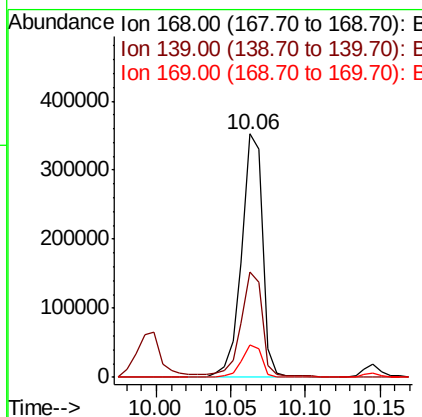
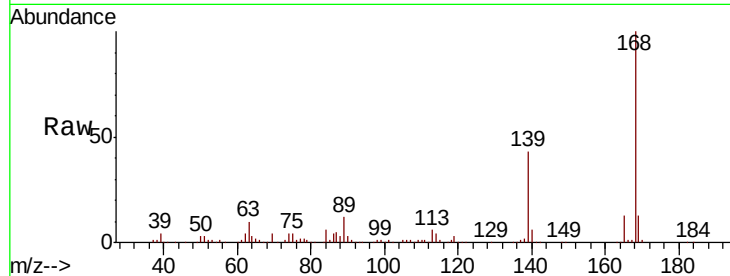
#55
Dibenzenofuran
Concen: 45.658 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	32.8	49.2
169	13.1	10.5	15.7

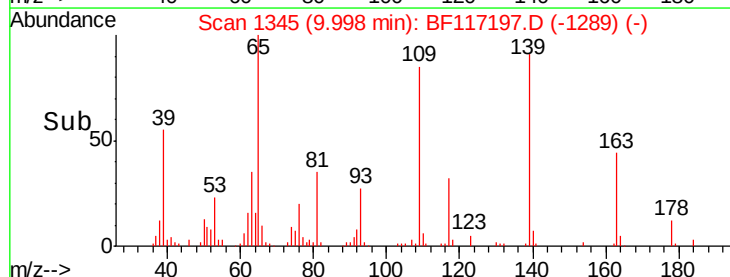
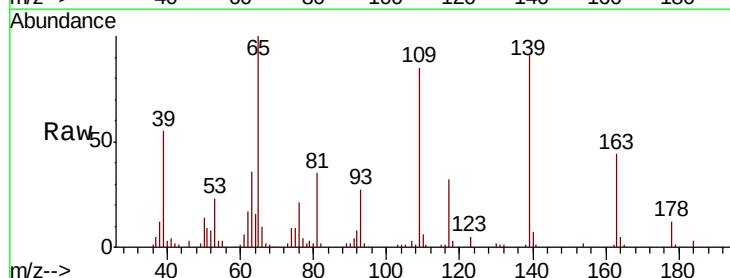
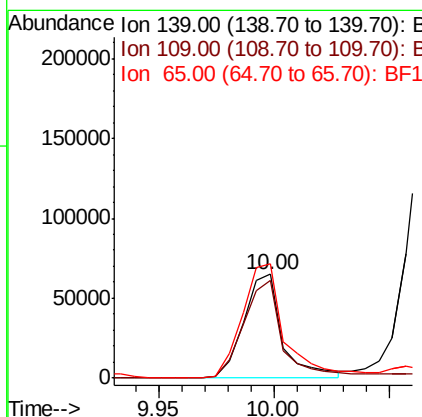
Manual Integrations
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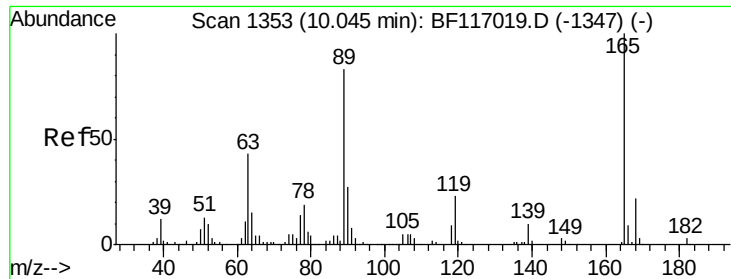
mohammad
9/24/2019 9:12:48 AM



#56
4-Nitrophenol
Concen: 68.859 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.4	56.4	96.4
65	109.6	82.5	122.5





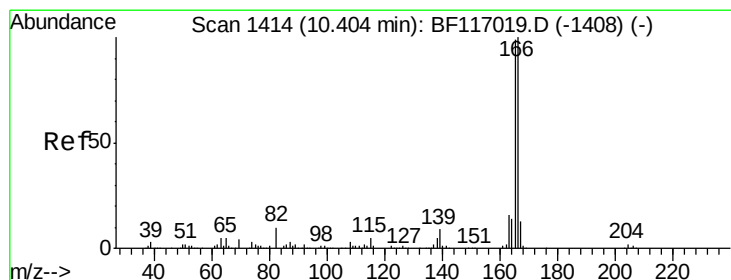
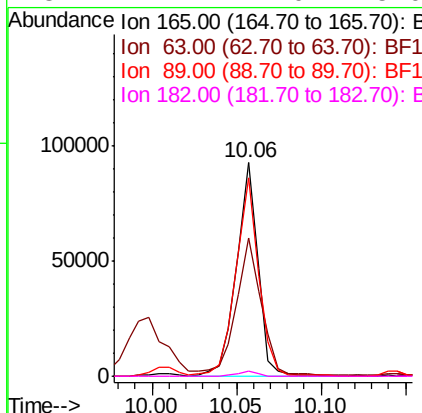
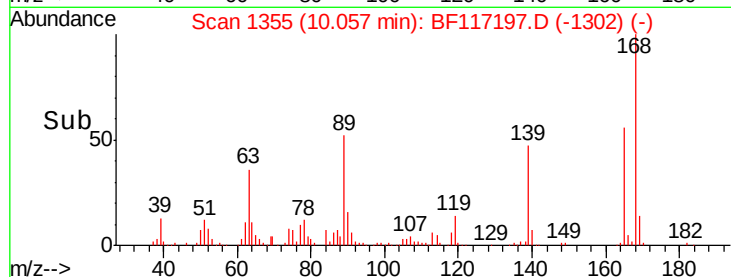
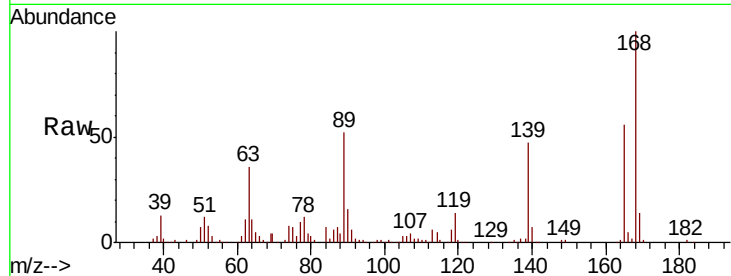
#57
2,4-Dinitrotoluene
Concen: 46.829 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.9	35.0	52.4#
89	93.0	66.1	99.1
182	2.7	2.0	3.0

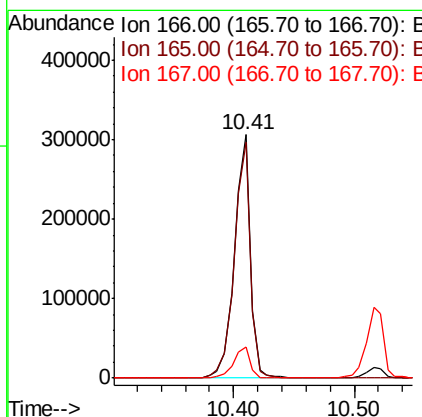
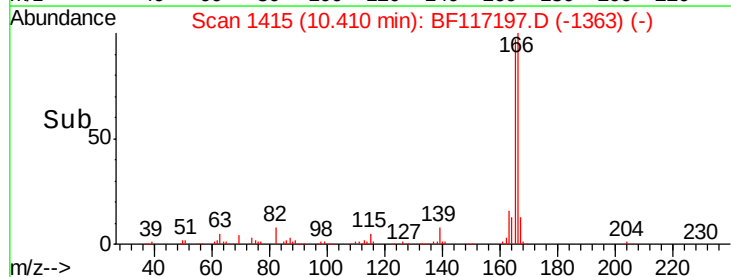
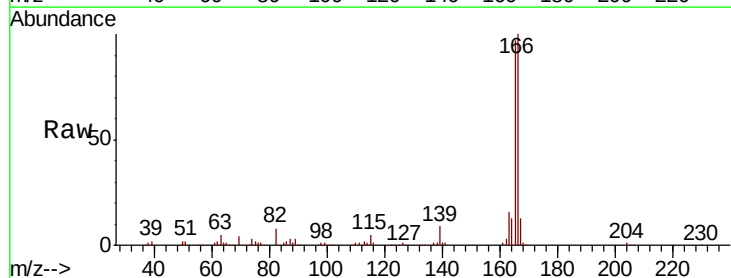
Manual Integrations
APPROVED

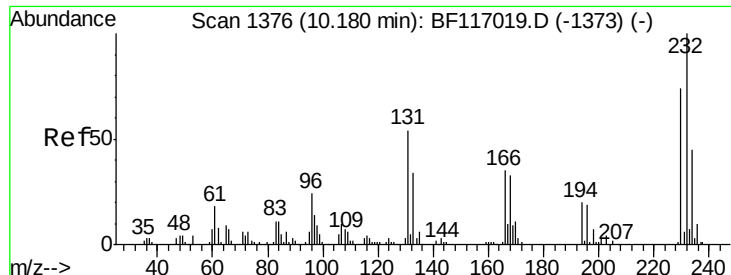
mohammad
9/24/2019 9:12:48 AM



#58
Fluorene
Concen: 46.173 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.8	78.9	118.3
167	12.9	10.6	15.8





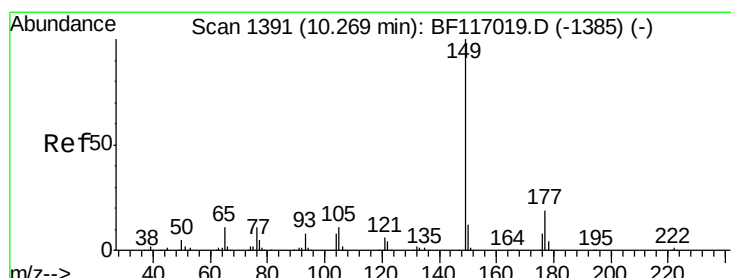
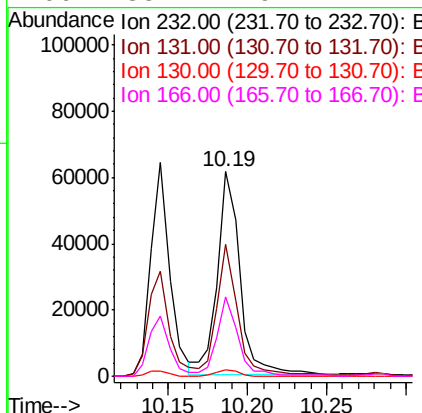
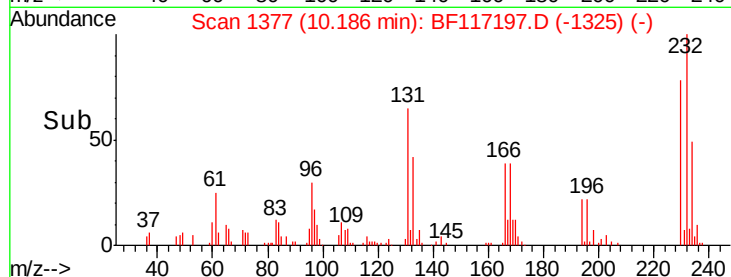
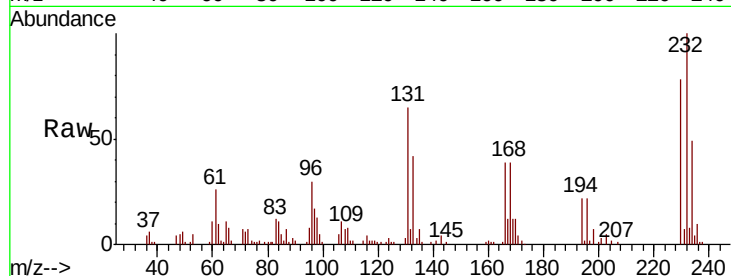
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.227 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	62.2	45.3	67.9
130	3.3	1.8	2.8
166	35.7	29.4	44.2

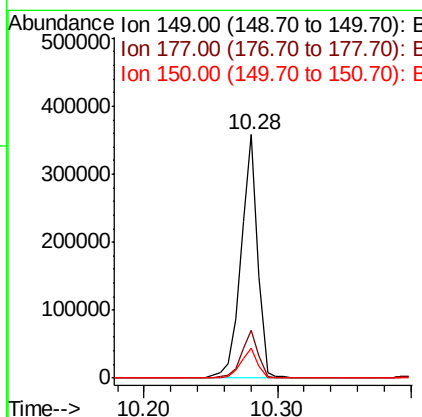
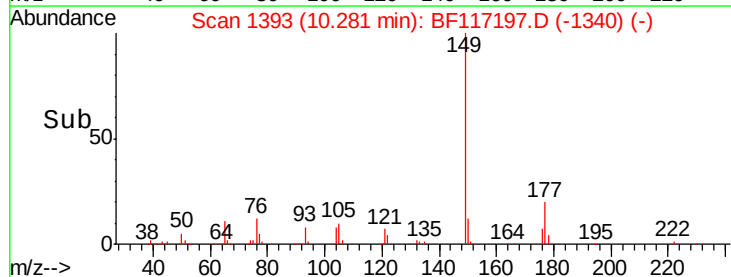
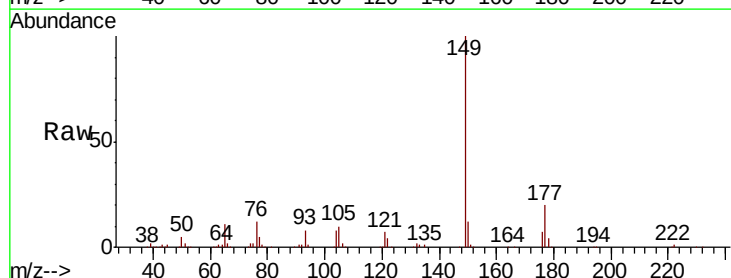
Manual Integrations
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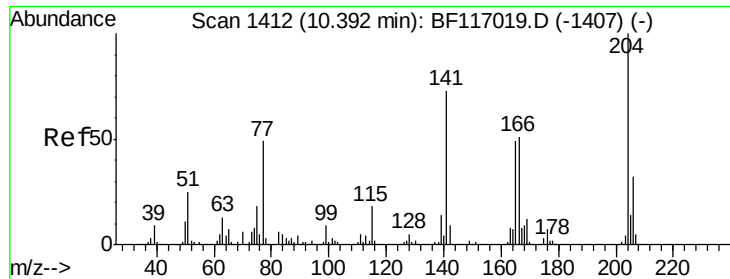
mohammad
 9/24/2019 9:12:48 AM



#60
 Diethylphthalate
 Concen: 47.451 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	19.7	15.2	22.8
150	12.3	9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 48.345 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

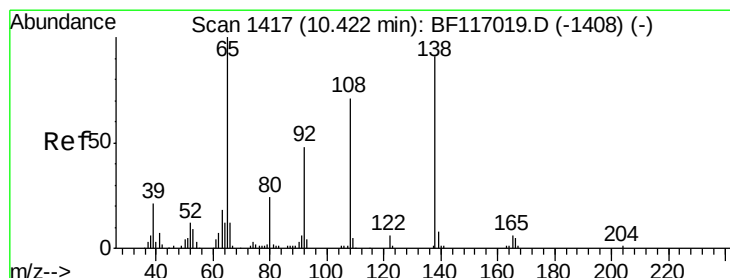
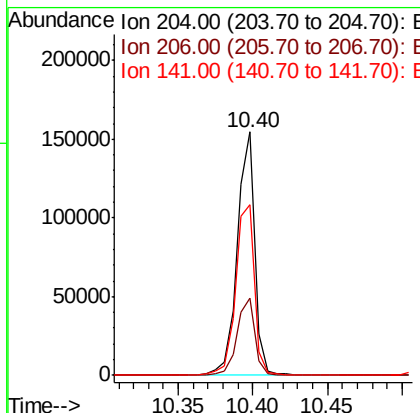
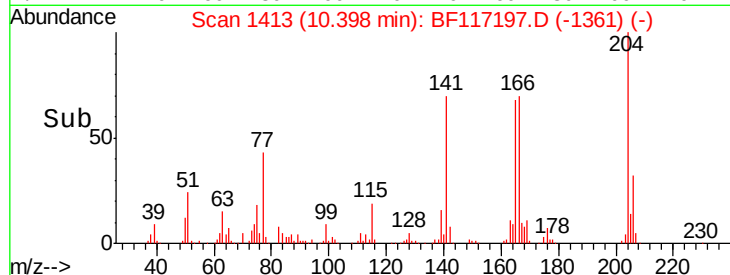
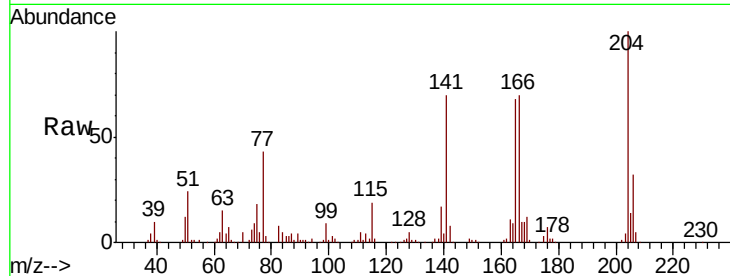
ClientSampleId :

PB123244BSD

Tot Ion:	204	Resp:	127929
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.0	39.0
141	69.9	58.2	87.2

Manual Integrations
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#62

4-Nitroaniline

Concen: 35.939 ng

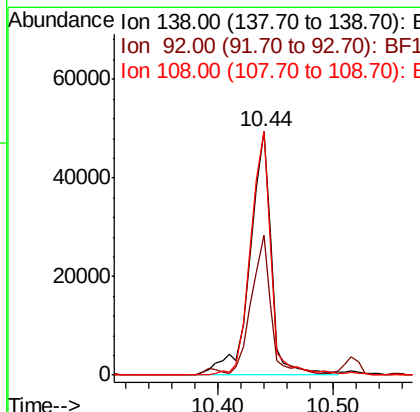
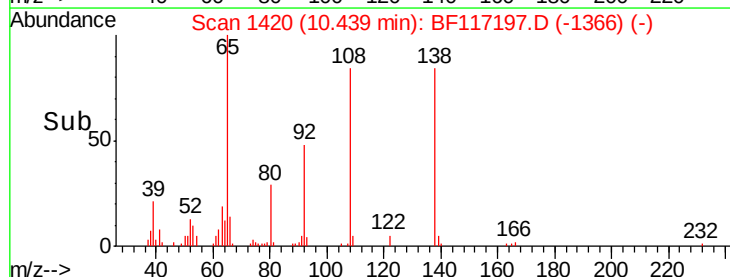
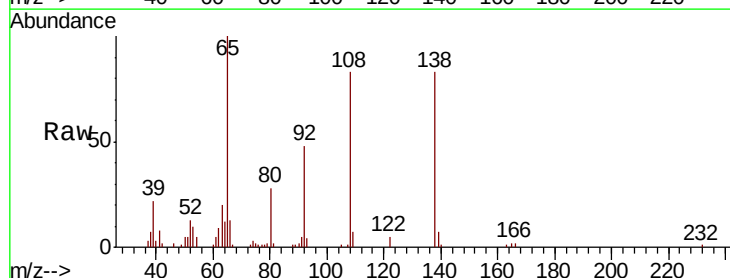
RT: 10.44 min Scan# 1420

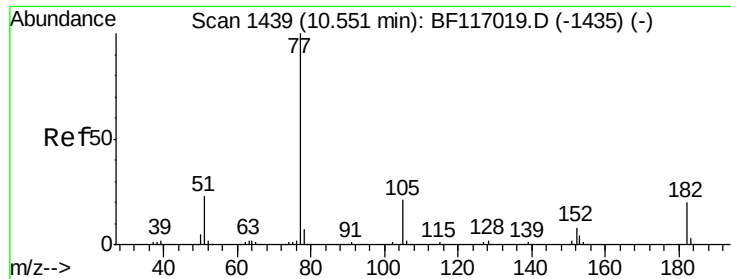
Delta R.T. 0.02 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:	138	Resp:	63654
Ion Ratio	Lower	Upper	
138	100		
92	57.6	32.9	72.9
108	100.2	58.3	98.3#





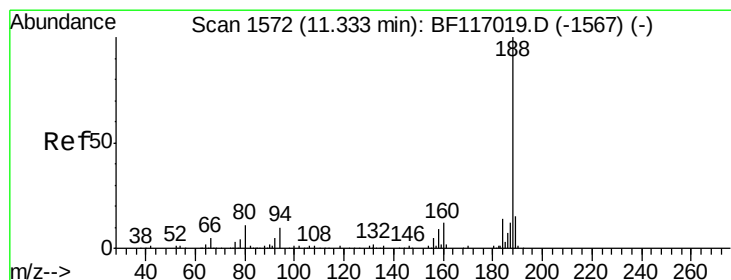
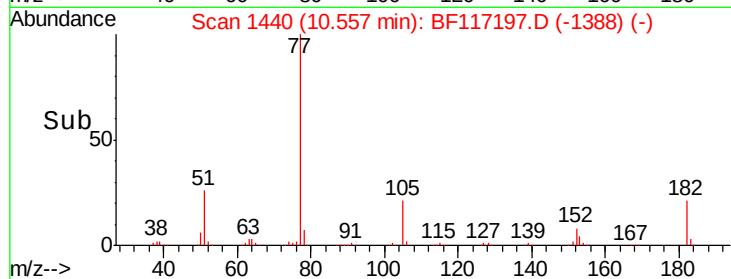
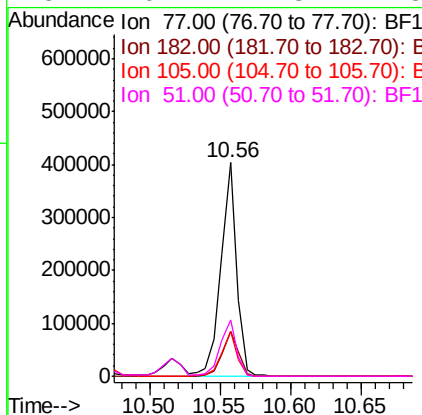
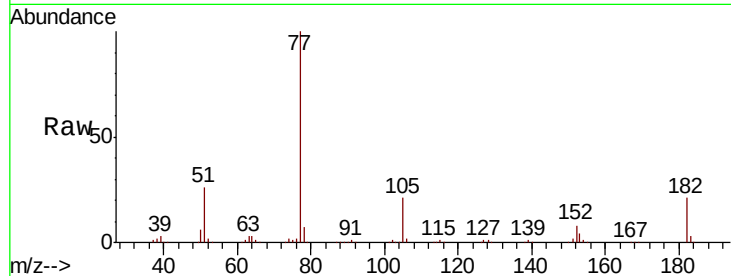
#63
Azobenzene
Concen: 46.786 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.2	0.4	40.4	
105	21.1	0.9	40.9	
51	26.4	2.8	42.8	

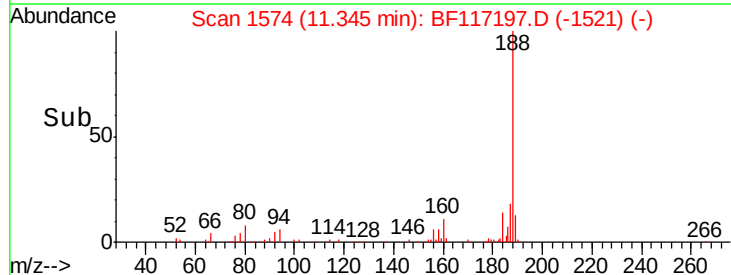
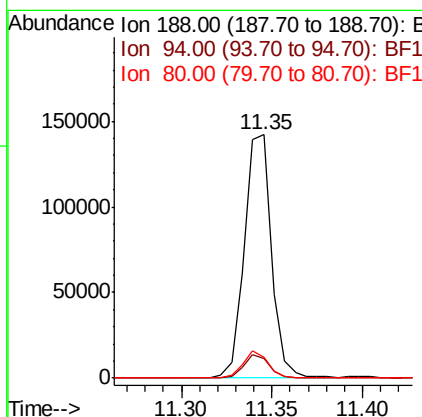
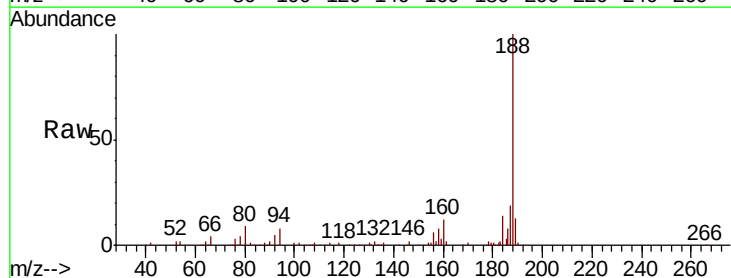
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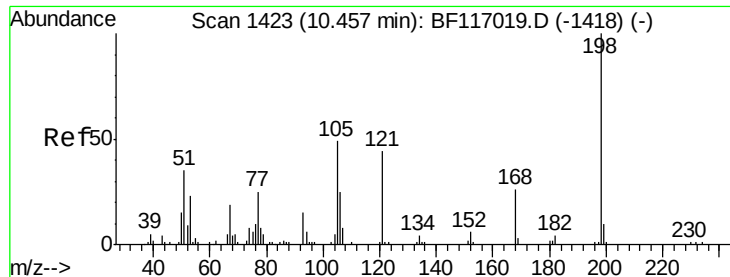
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	8.2	12.2	
80	8.7	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.799 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampled :

PB123244BSD

Tot Ion:198 Resp: 33663

Ion Ratio Lower Upper

198 100

51 54.5 18.7 58.7

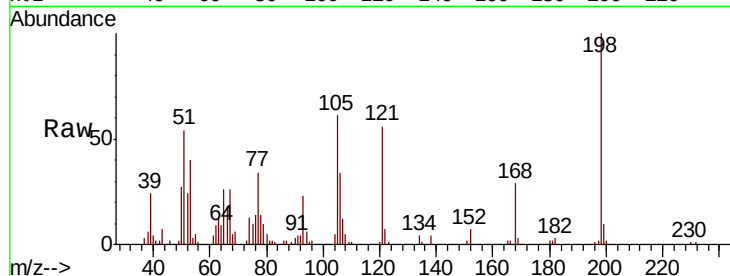
105 61.0 30.2 70.2

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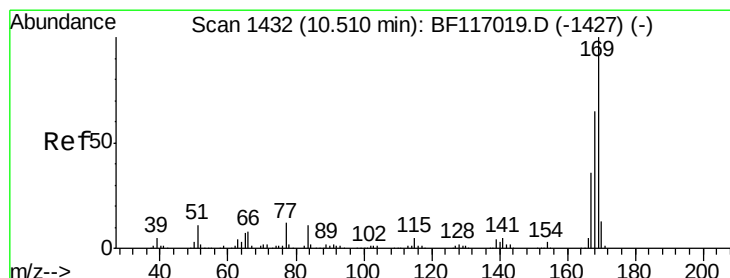
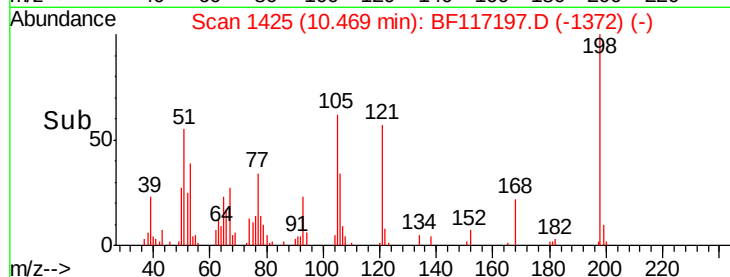
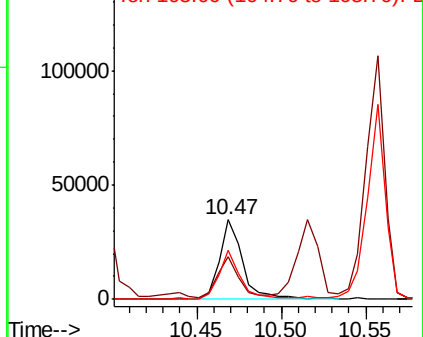
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.764 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

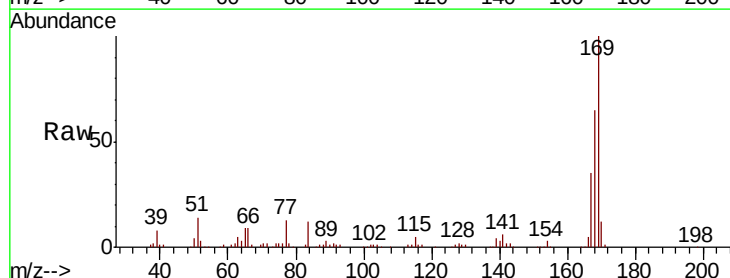
Tgt Ion:169 Resp: 248345

Ion Ratio Lower Upper

169 100

168 64.9 52.2 78.2

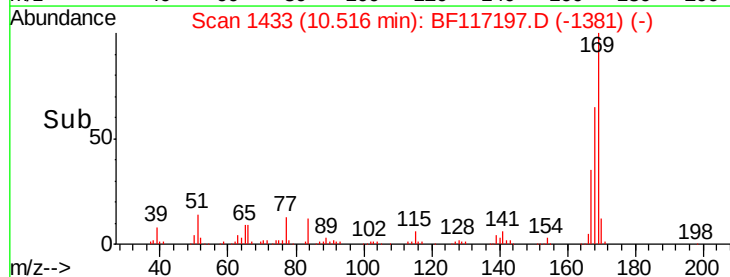
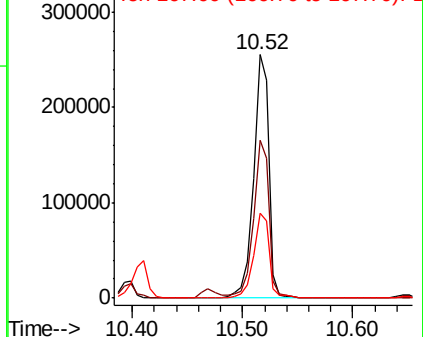
167 34.8 28.8 43.2

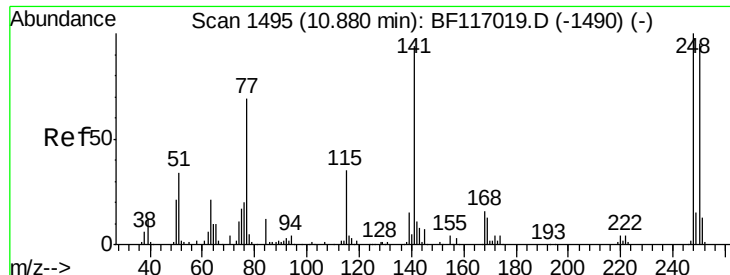


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





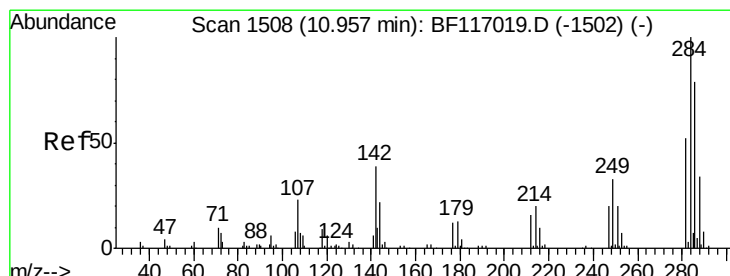
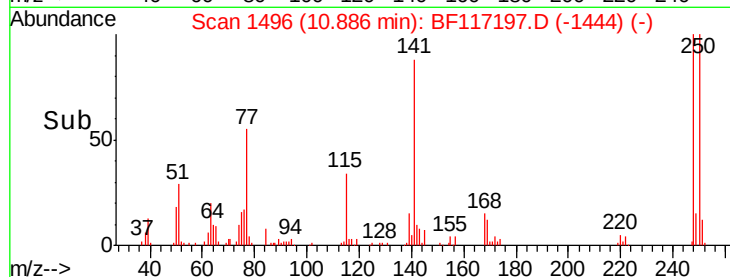
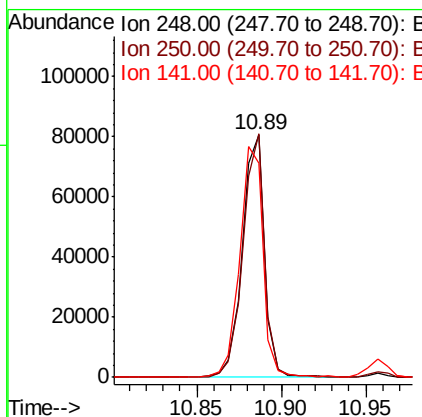
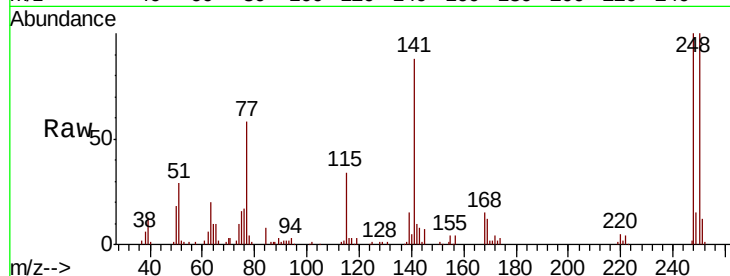
#67
 4-Bromophenyl-phenylether
 Concen: 48.850 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampled :
 PB123244BSD

Tot Ion:	248	Resp:	73565
Ion Ratio	Lower	Upper	
248	100		
250	100.3	76.2	114.4
141	88.4	75.0	112.4

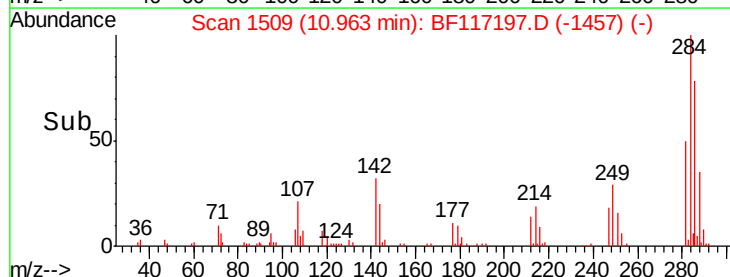
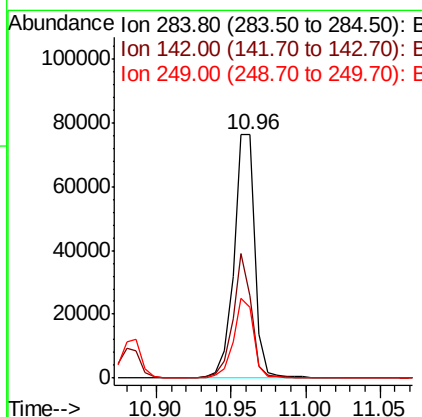
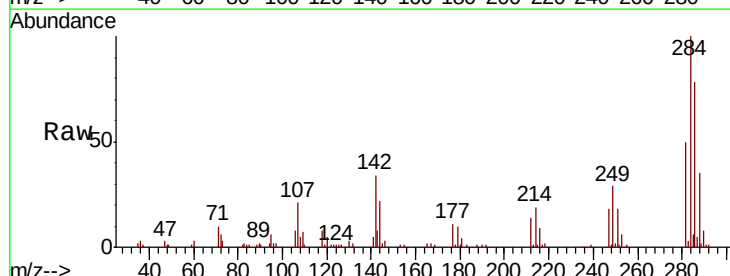
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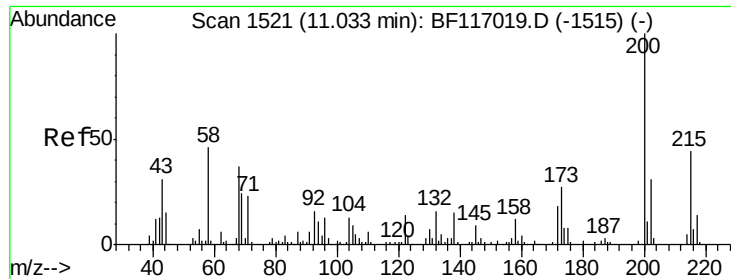
mohammad
 9/24/2019 9:12:48 AM



#68
 Hexachlorobenzene
 Concen: 45.902 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:	284	Resp:	75607
Ion Ratio	Lower	Upper	
284	100		
142	33.8	31.4	47.2
249	29.2	26.5	39.7





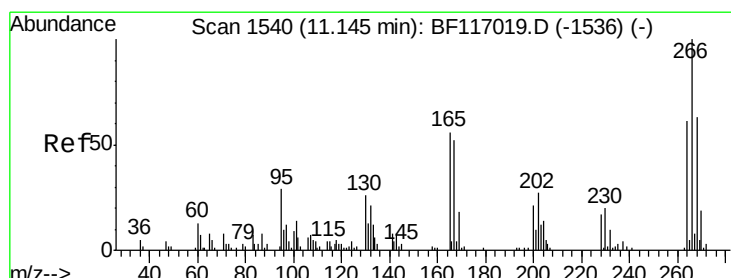
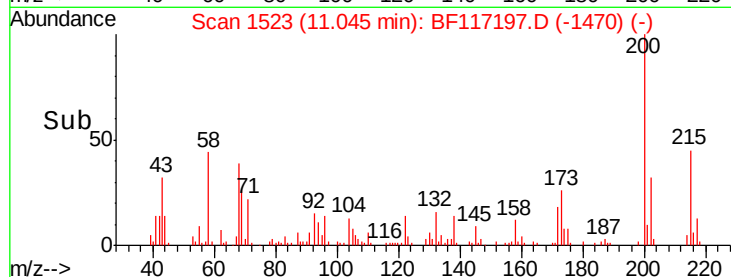
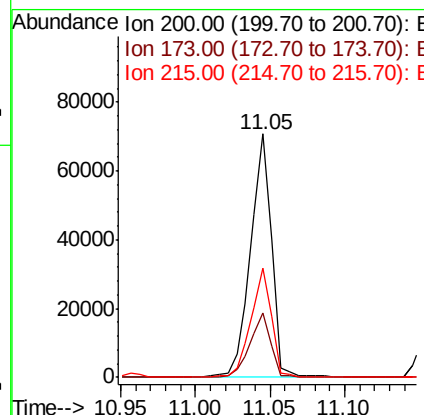
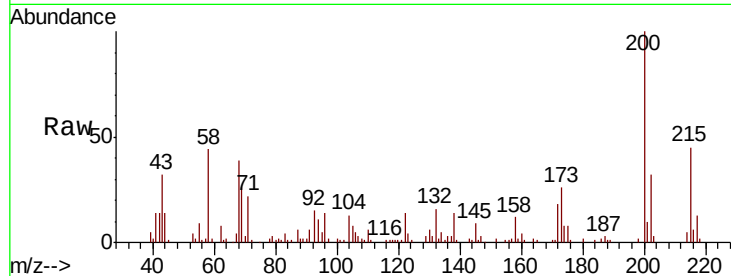
#69
Atrazine
Concen: 58.990 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	44.6	23.8	63.8

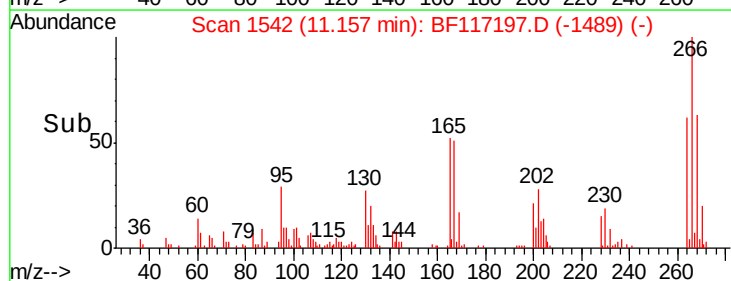
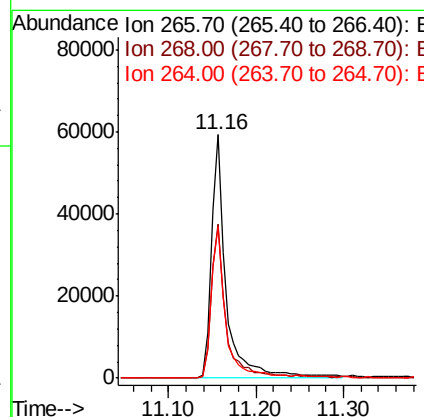
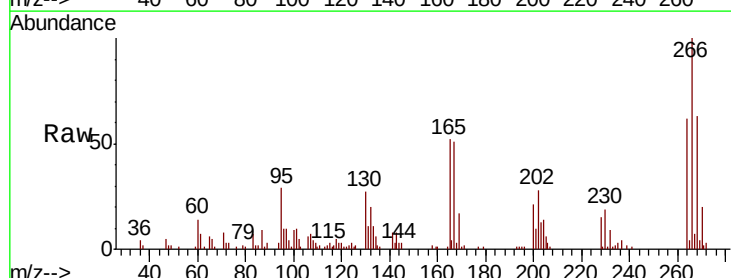
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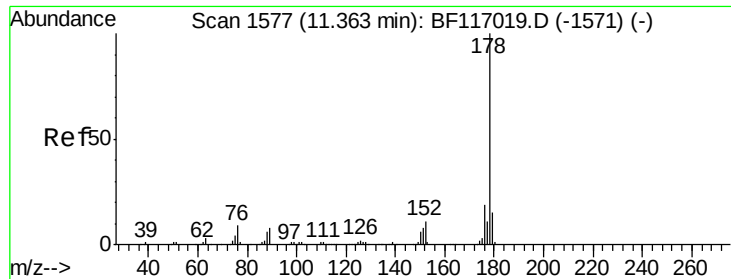
mohammad
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#70
Pentachlorophenol
Concen: 90.645 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.5	75.7
264	62.4	48.8	73.2





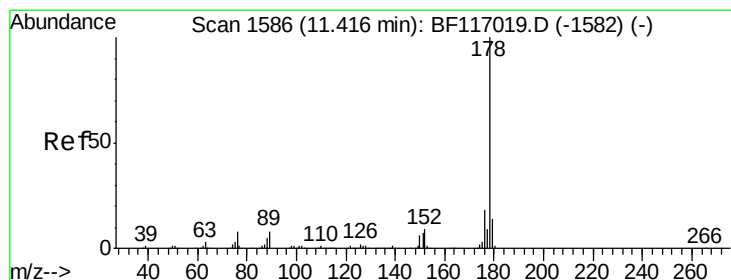
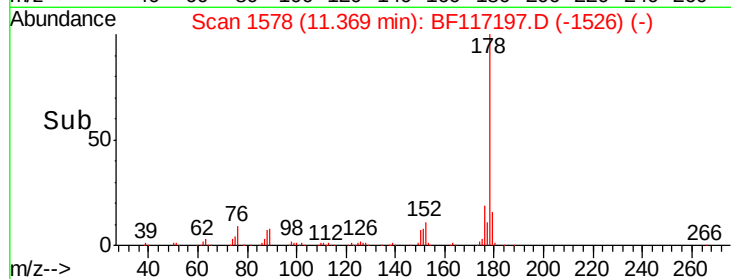
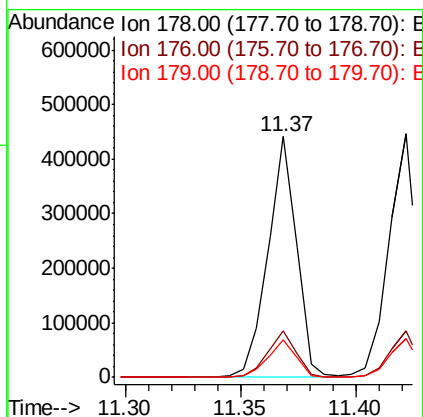
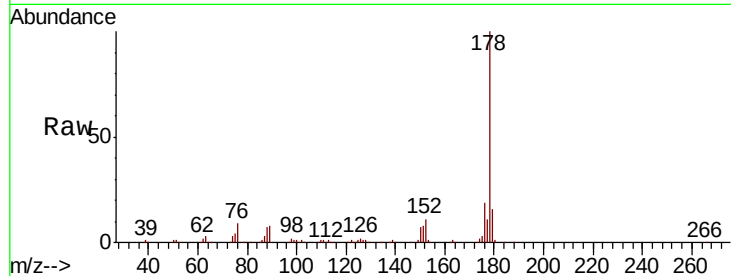
#71
Phenanthrene
Concen: 45.474 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.4	18.6

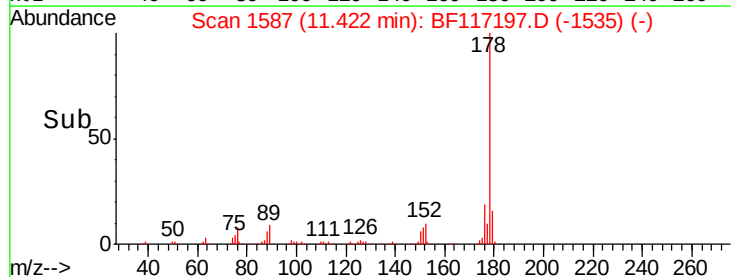
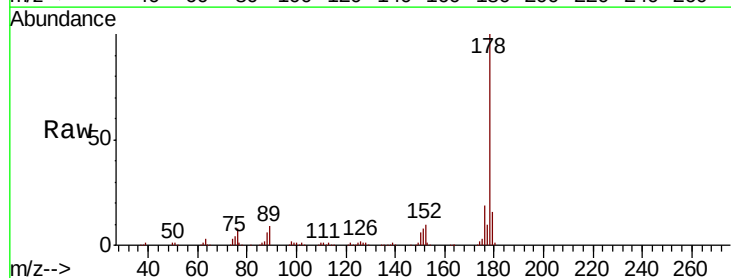
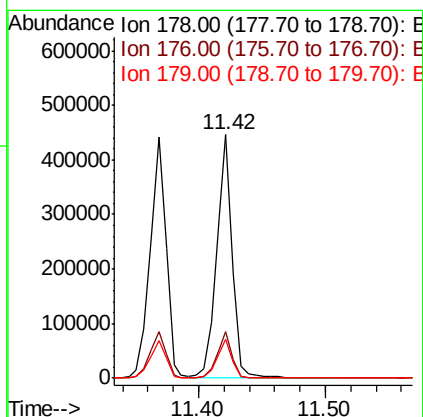
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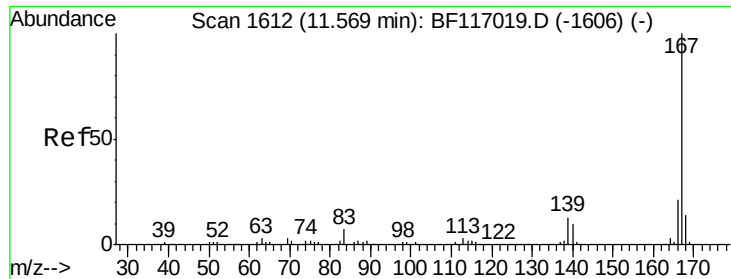
mohammad
9/24/2019 9:12:48 AM



#72
Anthracene
Concen: 45.772 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	16.0	11.6	17.4





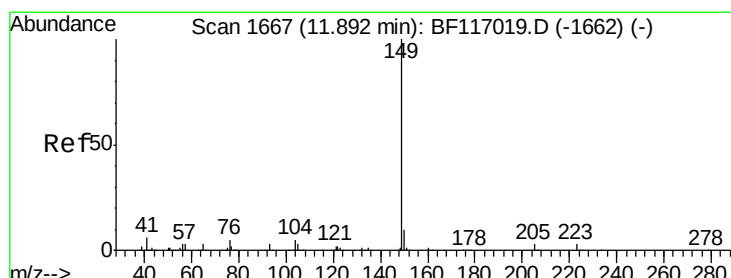
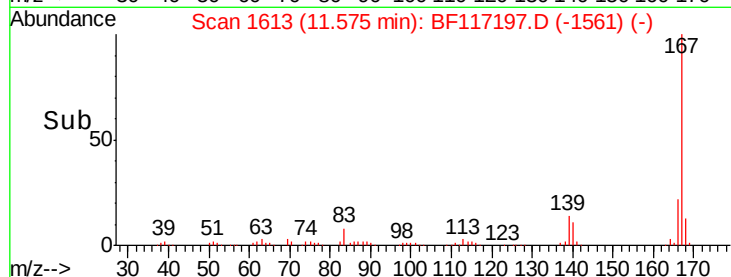
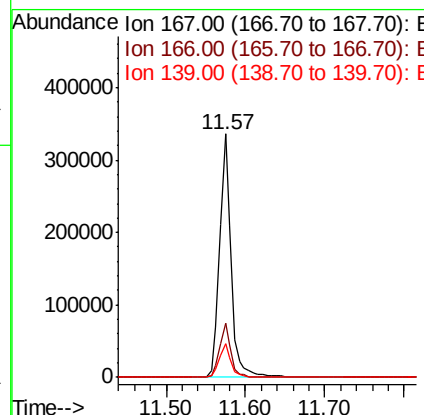
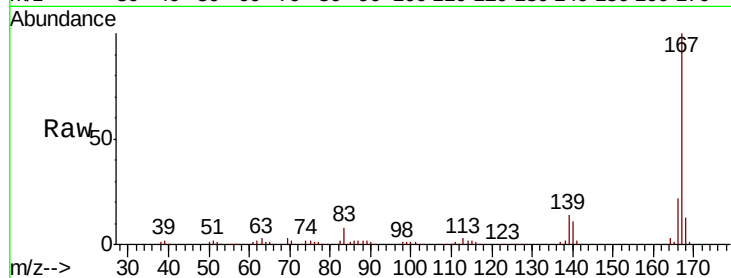
#73
 Carbazole
 Concen: 41.884 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	13.6	10.6	16.0

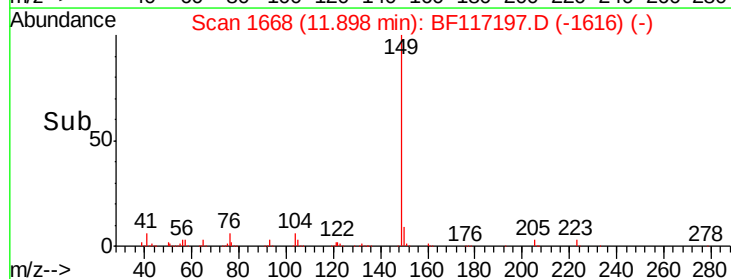
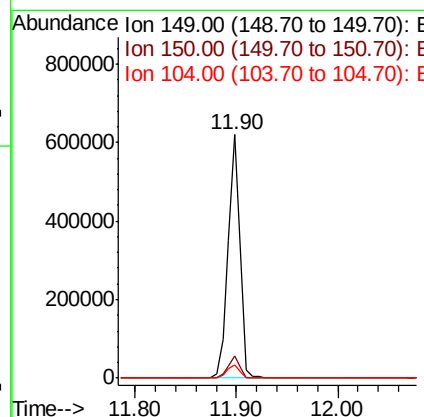
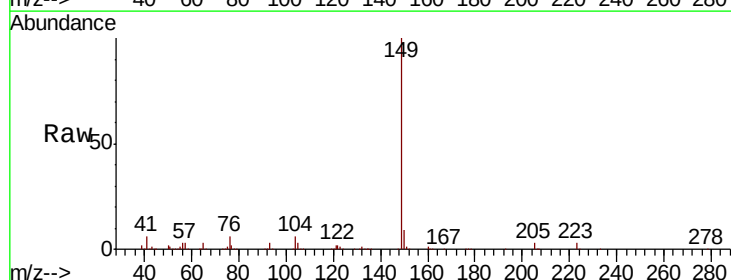
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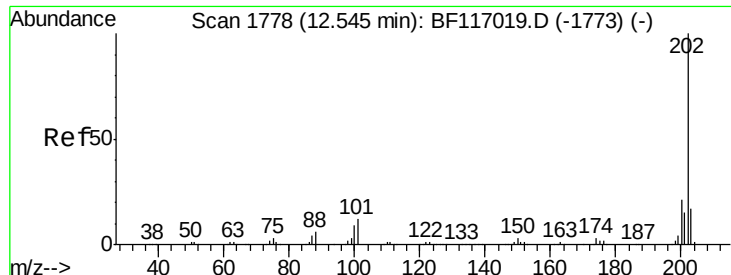
mohammad
 9/24/2019 9:12:48 AM



#74
 Di-n-butylphthalate
 Concen: 51.503 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.7	4.2	6.4





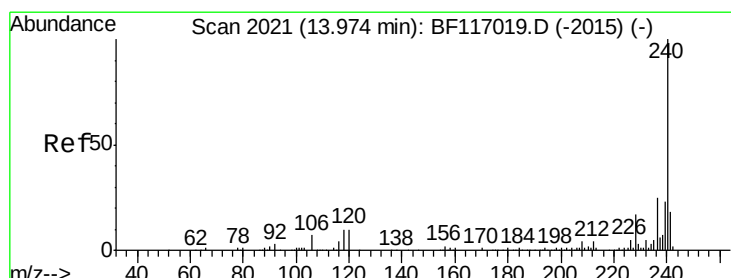
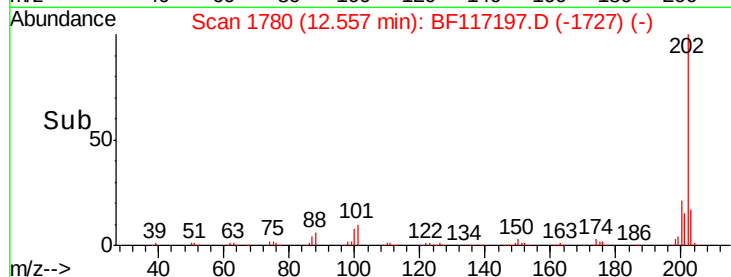
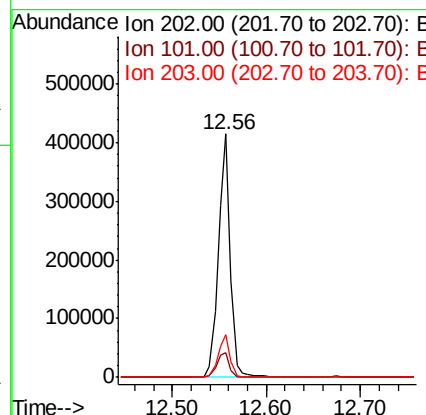
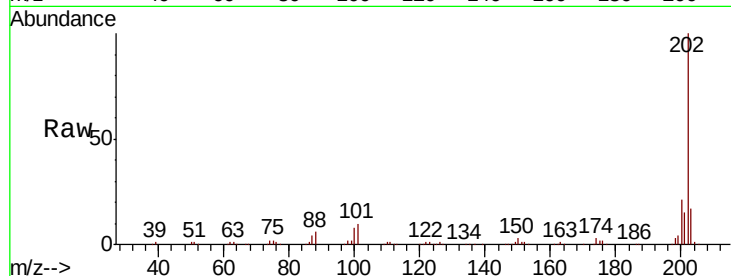
#75
 Fluoranthene
 Concen: 43.211 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampled :
 PB123244BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	32.3
203	17.5	0.0	37.1

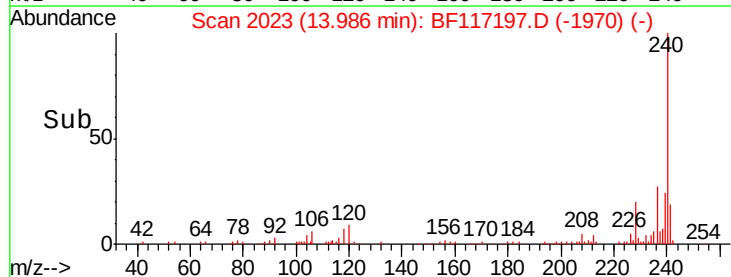
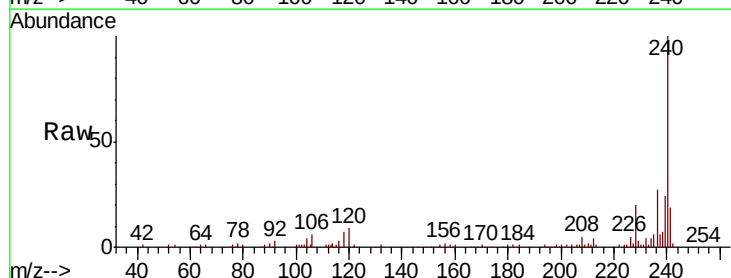
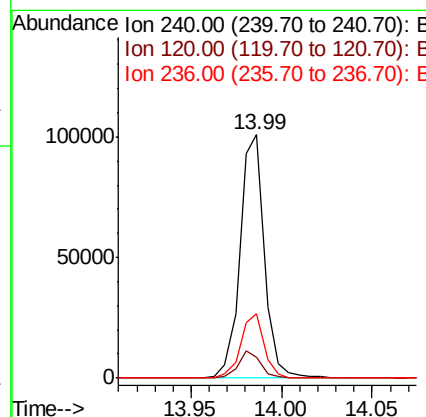
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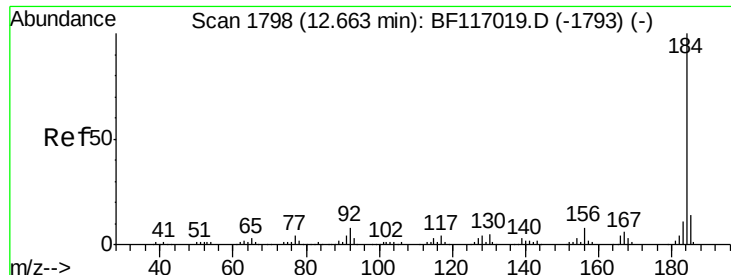
mohammad
 9/24/2019 9:12:48 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	8.3	12.5
236	26.7	20.3	30.5





#77

Benzidine

Concen: 60.676 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

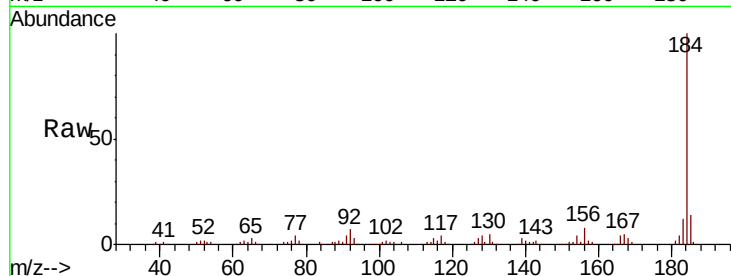
ClientSampleId :

PB123244BSD

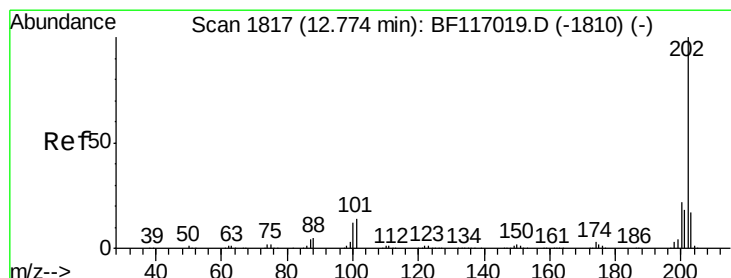
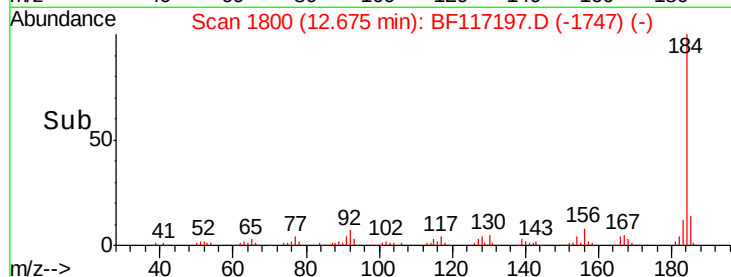
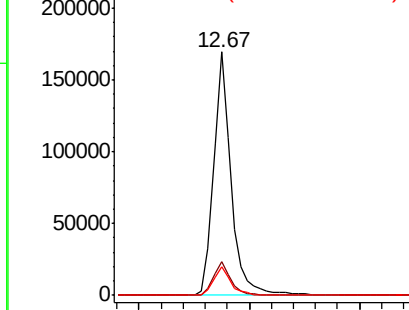
Tot Ion:	184	Resp:	184086
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.6	17.4
183	12.0	9.0	13.4

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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: 46.345 ng

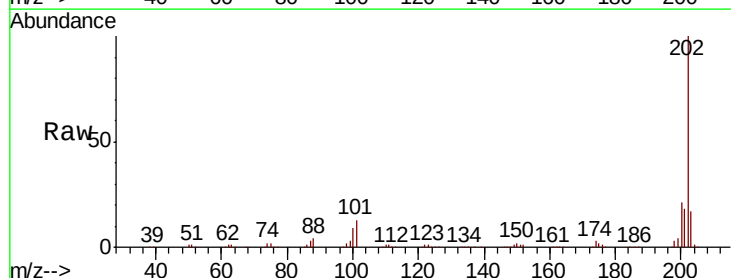
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

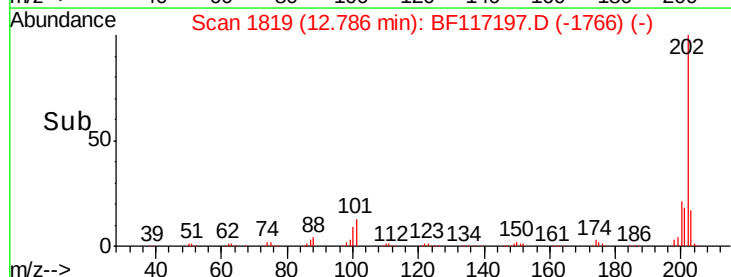
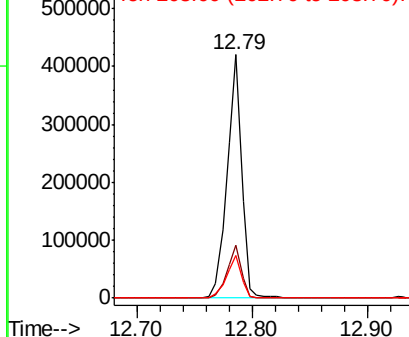
Lab File: BF117197.D

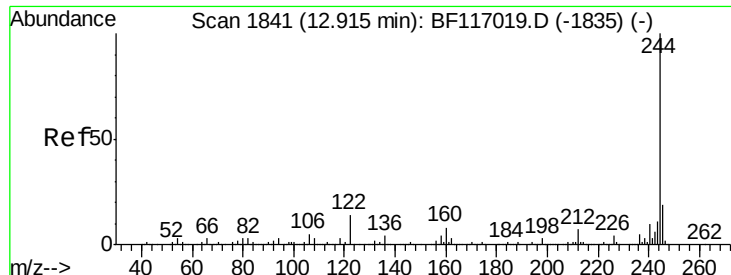
Acq: 20 Sep 2019 20:30

Tgt Ion:	202	Resp:	366257
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.2	25.8
203	17.3	14.0	21.0



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





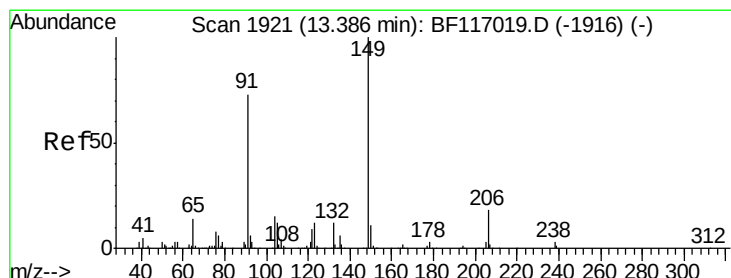
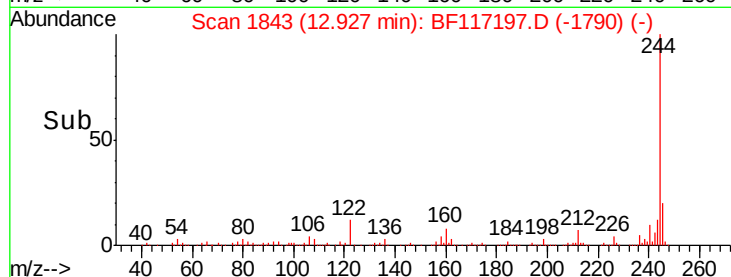
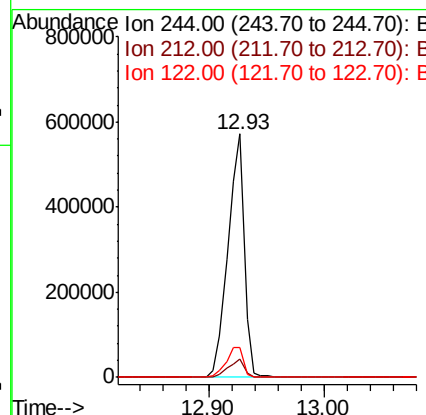
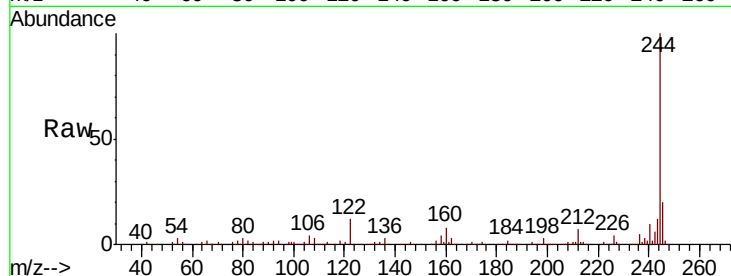
#79
 Terphenyl-d14
 Concen: 110.892 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.8	8.8
122	12.1	11.3	16.9

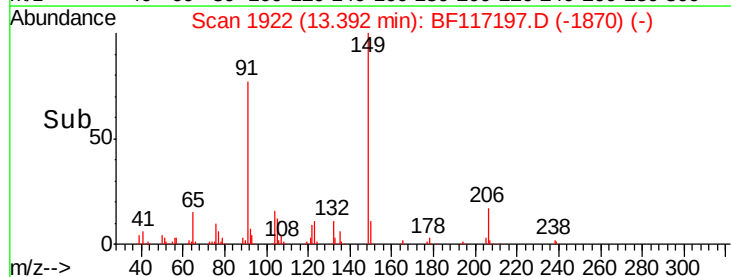
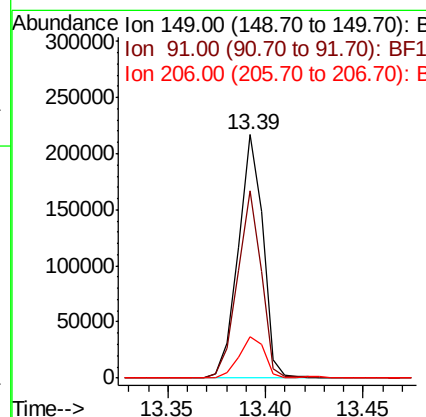
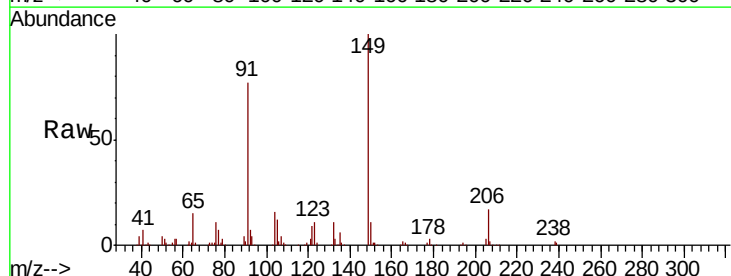
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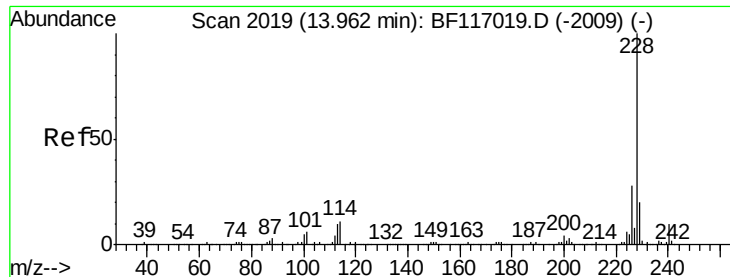
mohammad
 9/24/2019 9:12:48 AM



#80
 Butylbenzylphthalate
 Concen: 50.889 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.1	58.8	88.2
206	17.1	14.1	21.1





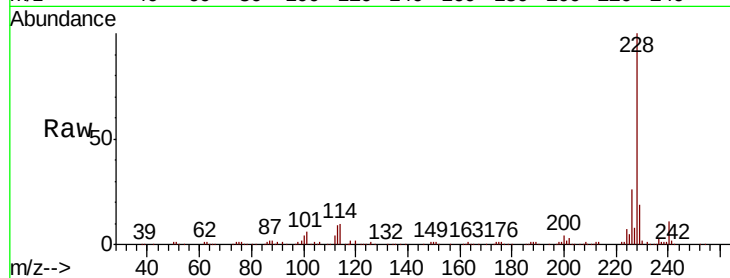
#81
Benzo(a)anthracene
Concen: 44.129 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.3	33.5
229	18.7	15.9	23.9

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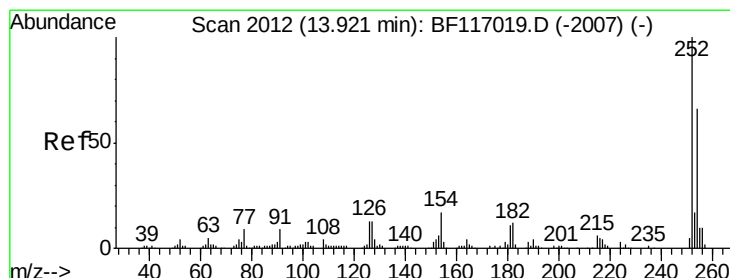
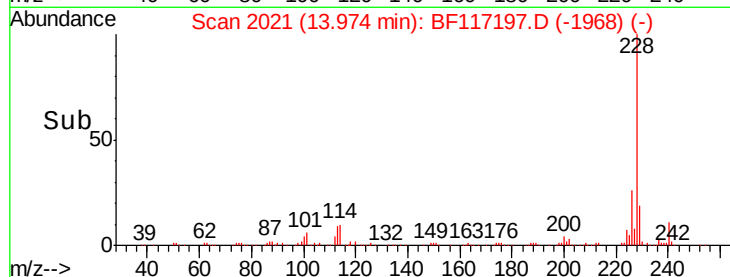
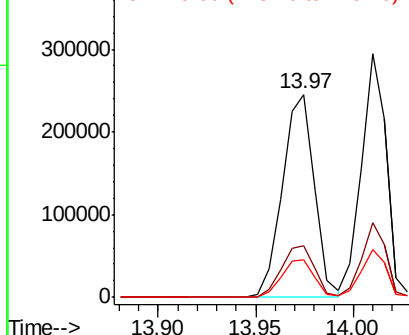


Abundance

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: 24.391 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

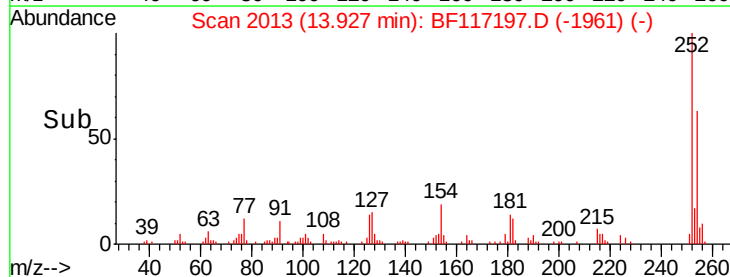
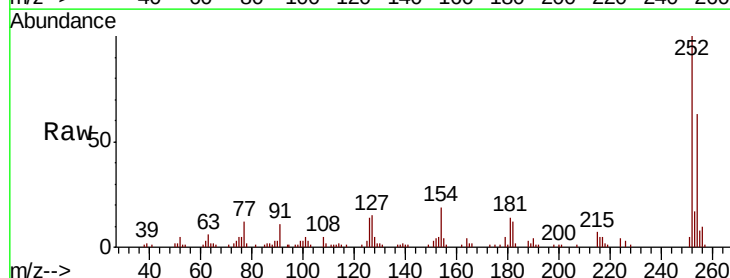
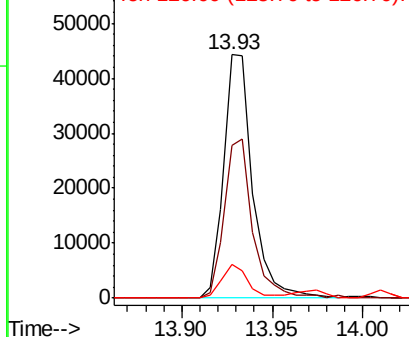
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.6	79.0
126	13.9	10.4	15.6

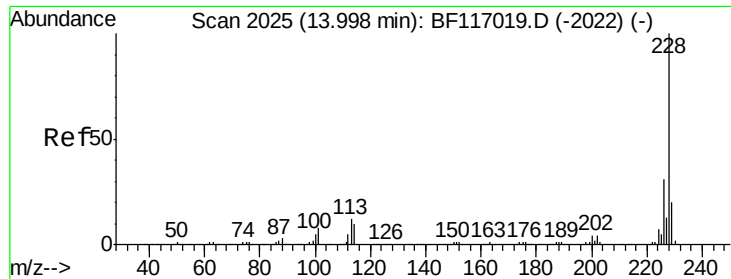
Abundance

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





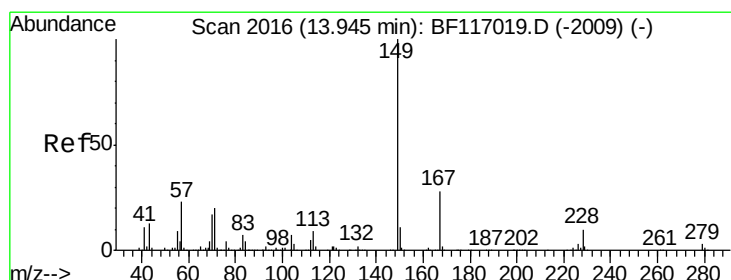
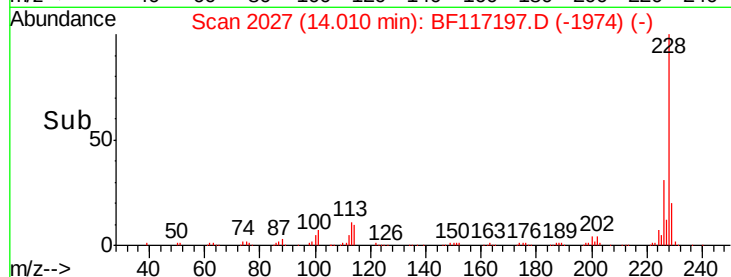
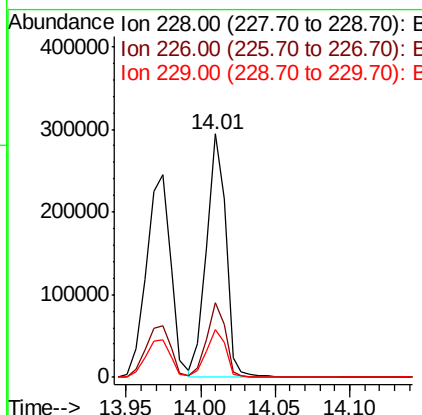
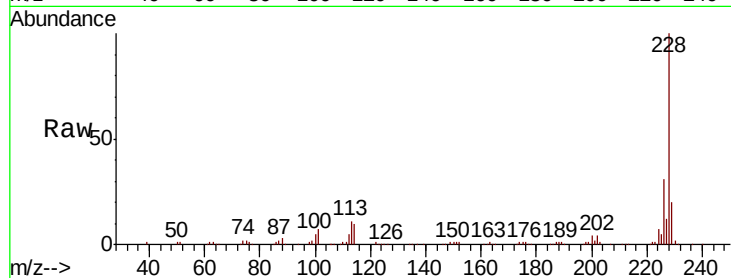
#83
 Chrysene
 Concen: 43.151 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	264831		
226	30.6		24.8	37.2
229	19.7		15.8	23.8

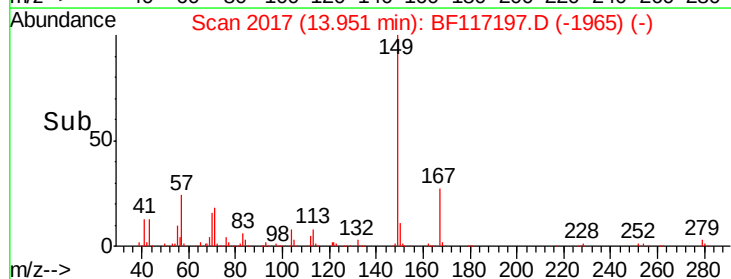
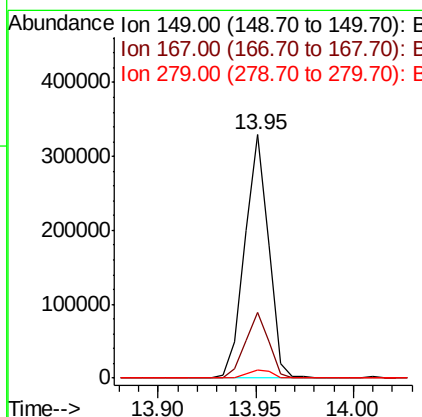
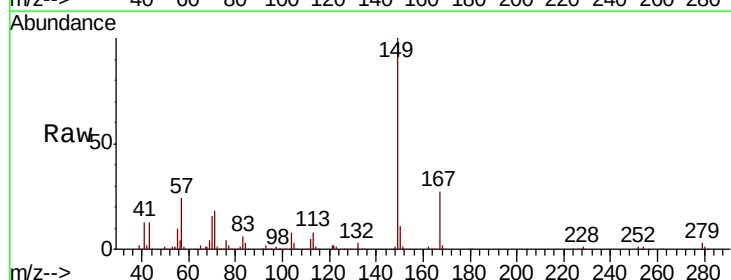
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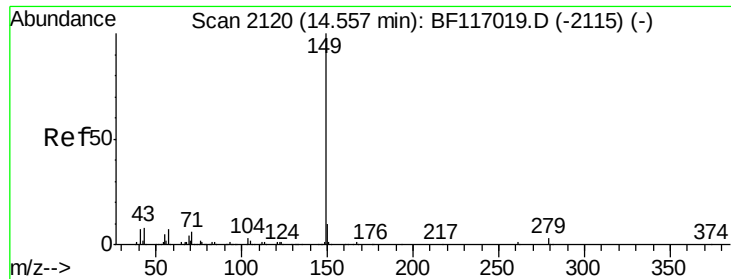
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.777 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	278180		
167	27.1		22.2	33.2
279	3.3		2.8	4.2





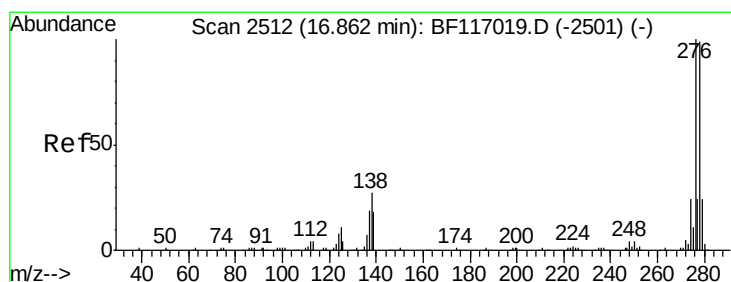
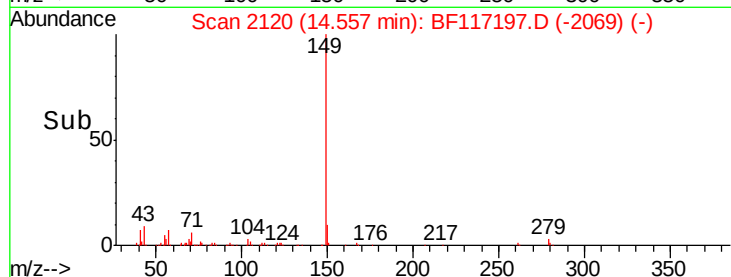
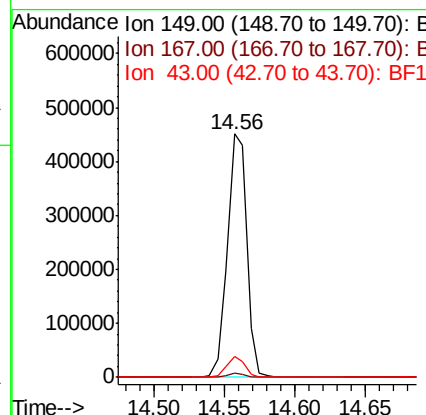
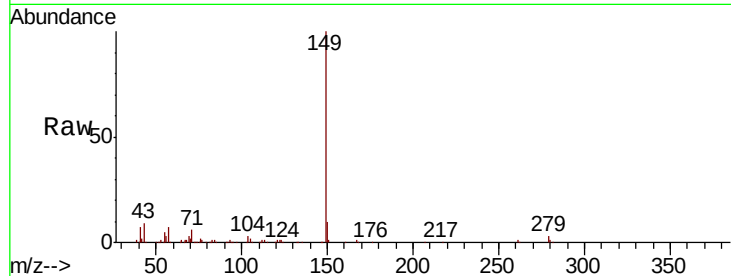
#85
Di-n-octyl phthalate
Concen: 56.830 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.2	9.4

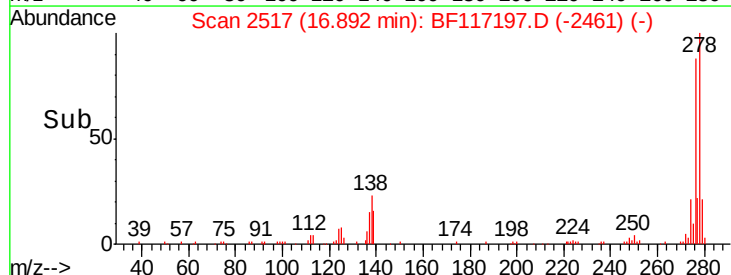
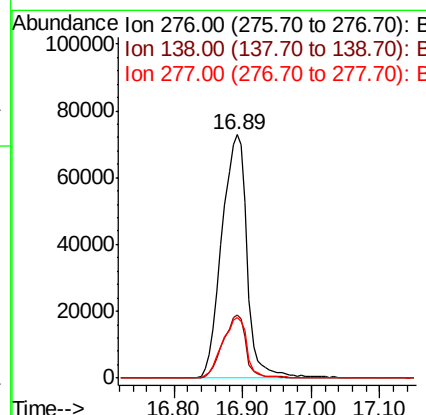
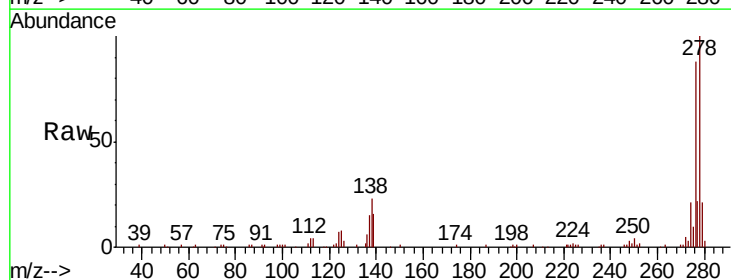
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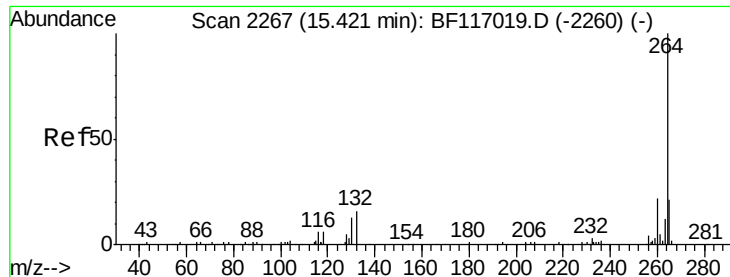
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.856 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.6	20.7	31.1
277	24.1	19.8	29.8





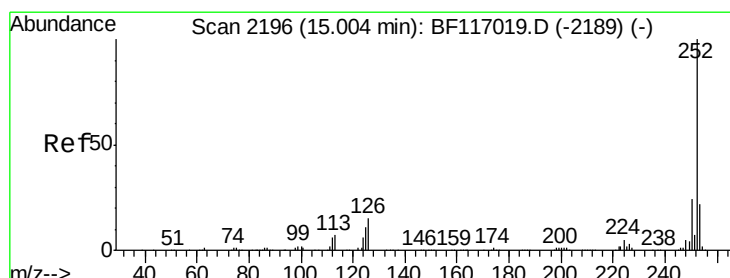
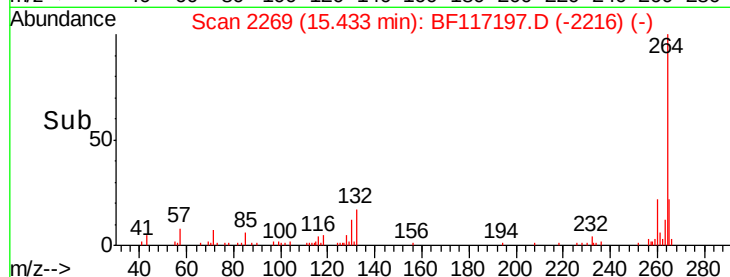
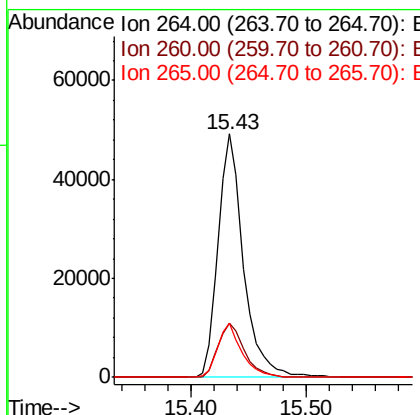
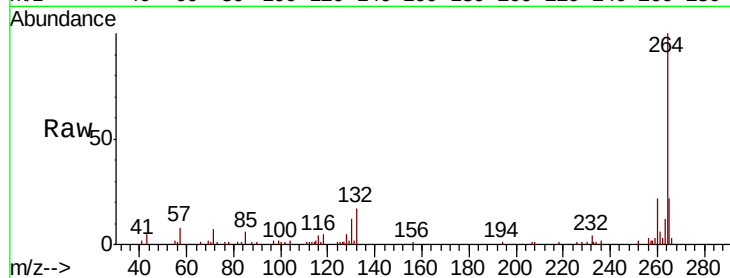
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	22.1	16.6	24.8

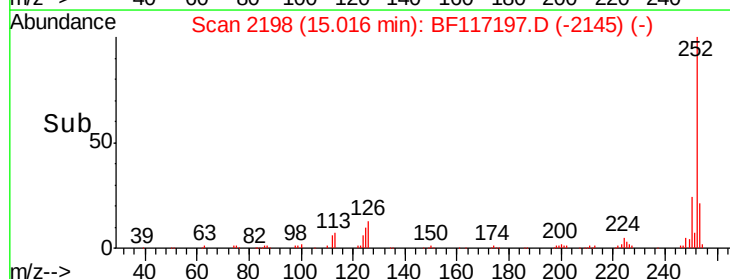
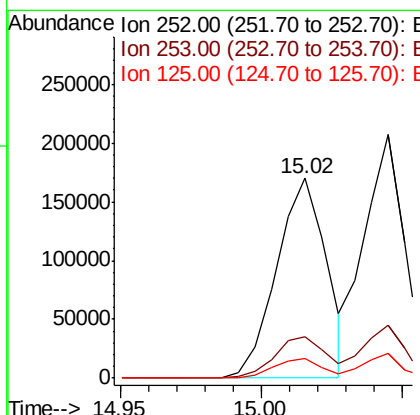
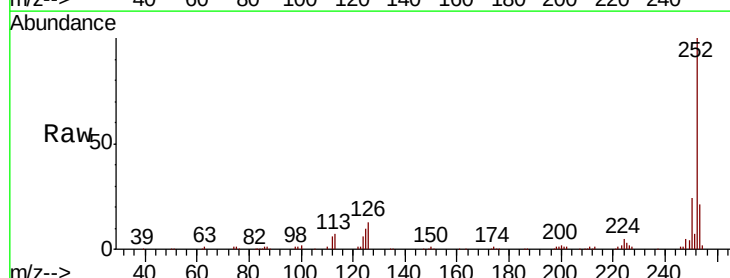
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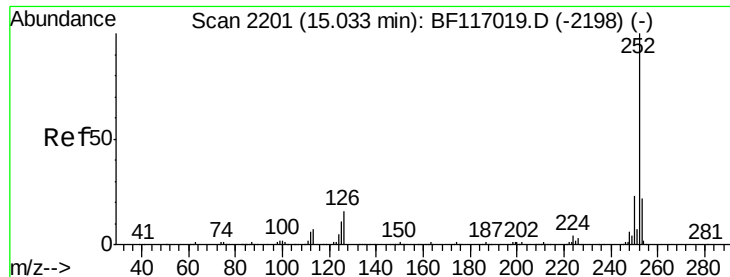
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.693 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	9.8	8.6	12.8





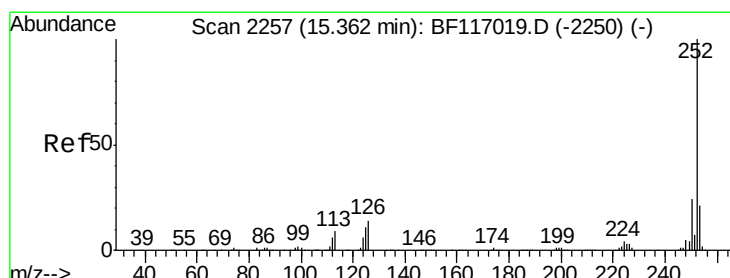
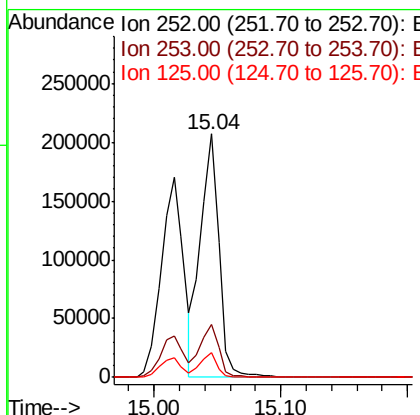
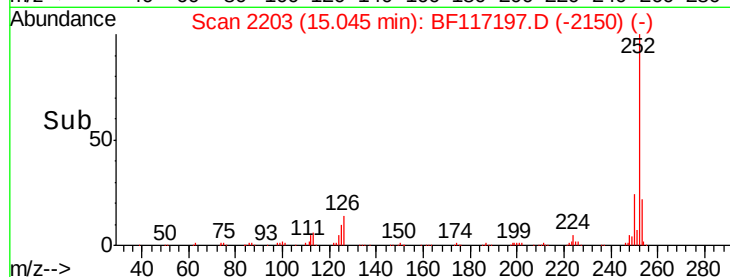
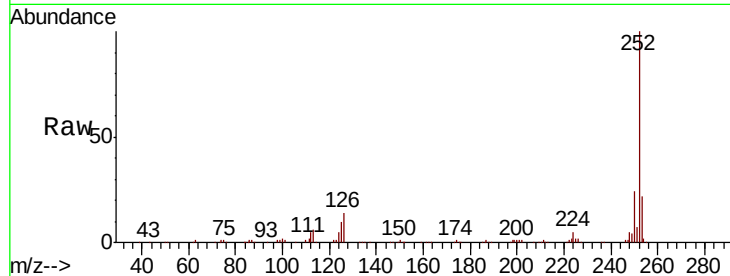
#89
Benzo(k)fluoranthene
Concen: 49.060 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.0	8.8	13.2

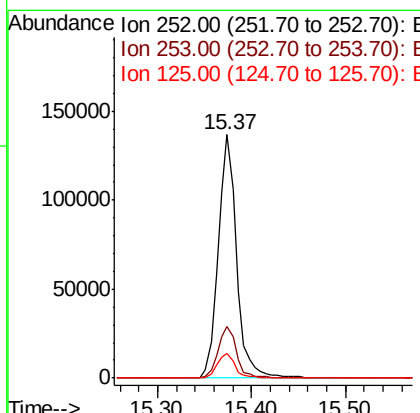
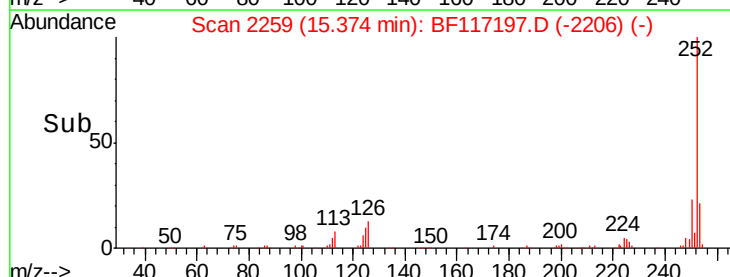
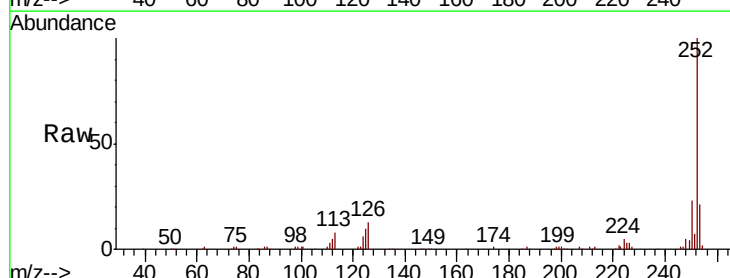
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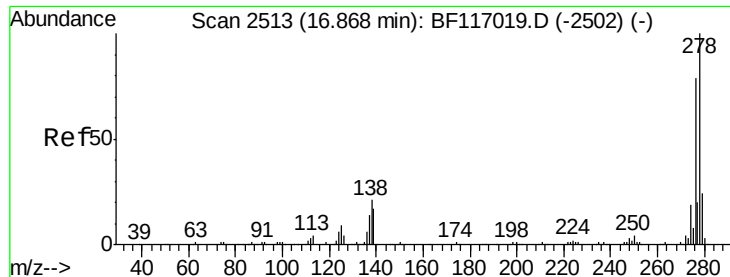
mohammad
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#90
Benzo(a)pyrene
Concen: 46.864 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.6	25.0
125	10.3	8.9	13.3





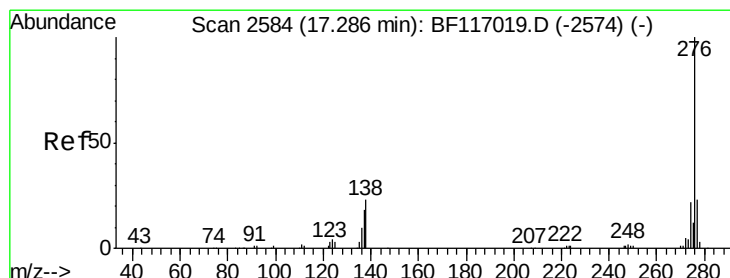
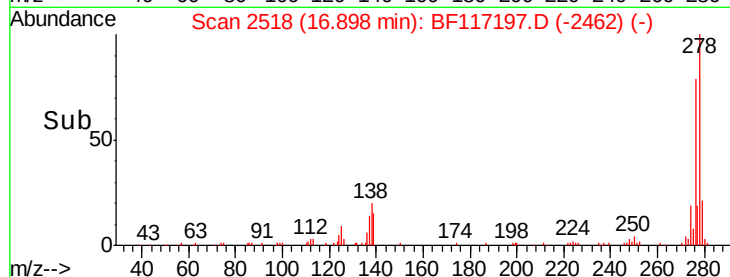
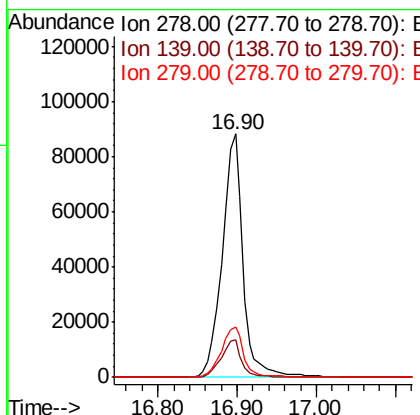
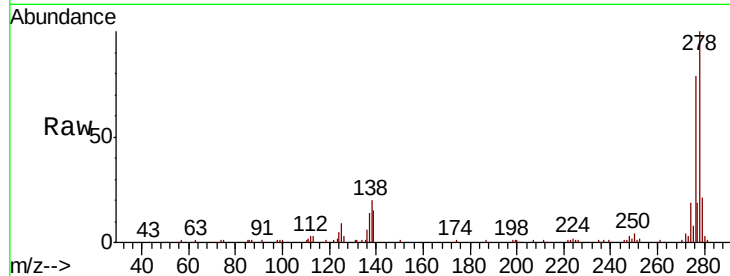
#91
Dibenzo(a,h)anthracene
Concen: 50.489 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion:	278	Resp:	160641
Ion Ratio	Lower	Upper	
278	100		
139	15.2	13.5	20.3
279	20.8	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 46.210 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:	276	Resp:	146511
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	27.8
138	19.7	18.0	27.0

