

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119894.D
 Acq On : 10 Apr 2020 15:03
 Operator : MA/SJ
 Sample : PB128092BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:04 PM

Quant Time: Apr 10 15:41:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197594	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	769502	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	401075	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	772451	20.00	ng	0.00
76) Chrysene-d12	13.93	240	540898	20.00	ng	0.00
87) Perylene-d12	15.36	264	505520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1384153	121.06	ng	0.01
7) Phenol-d6	6.39	99	1771524	120.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1099731	73.93	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	550515	112.11	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2155171	76.29	ng	0.00
79) Terphenyl-d14	12.87	244	2491313	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	160367	31.491	ng	96
3) Pyridine	3.20	79	460779	32.978	ng	99
4) n-Nitrosodimethylamine	3.15	42	278244	38.976	ng	97
6) Aniline	6.42	93	704361	36.426	ng	99
8) 2-Chlorophenol	6.54	128	568783	44.523	ng	99
9) Benzaldehyde	6.30	77	193666	18.996	ng	98
10) Phenol	6.40	94	705746	42.224	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	528413	40.945	ng	100
12) 1,3-Dichlorobenzene	6.69	146	549984	39.324	ng	98
13) 1,4-Dichlorobenzene	6.77	146	564493	39.622	ng	100
14) 1,2-Dichlorobenzene	6.93	146	527333	40.162	ng	97
15) Benzyl Alcohol	6.90	79	423465	37.007	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948288	37.761	ng	99
17) 2-Methylphenol	7.02	107	453665	39.793	ng	97
18) Hexachloroethane	7.27	117	214970	40.374	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	378998	40.004	ng	98
20) 3+4-Methylphenols	7.17	107	557148	39.958	ng	96
22) Acetophenone	7.17	105	725516	40.263	ng	98
24) Nitrobenzene	7.34	77	584367	39.054	ng	99
25) Isophorone	7.58	82	1092179	38.090	ng	99
26) 2-Nitrophenol	7.66	139	305195	40.826	ng	93
27) 2,4-Dimethylphenol	7.70	122	480661	42.633	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	685241	40.613	ng	99
29) 2,4-Dichlorophenol	7.90	162	472084	40.850	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	495969	37.876	ng	100
31) Naphthalene	8.06	128	1579751	39.020	ng	100
32) Benzoic acid	7.83	122	402564	40.656	ng	92
33) 4-Chloroaniline	8.11	127	517096	29.339	ng	99
34) Hexachlorobutadiene	8.18	225	281318	35.889	ng	98
35) Caprolactam	8.49	113	155236m	43.913	ng	
36) 4-Chloro-3-methylphenol	8.60	107	523919	41.873	ng	96
37) 2-Methylnaphthalene	8.75	142	1089591	39.696	ng	99
38) 1-Methylnaphthalene	8.85	142	1028399	39.751	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	476878	37.645	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	586653	81.442	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	355212	40.607	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	378384	38.405	nq	97
46) 1,1'-Biphenyl	9.22	154	1318878	38.959	nq	99
47) 2-Chloronaphthalene	9.25	162	1025175	39.311	nq	99
48) 2-Nitroaniline	9.34	65	378319	40.032	nq	97
49) Acenaphthylene	9.66	152	1641554	41.390	nq	100
50) Dimethylphthalate	9.53	163	1228997	39.616	nq	99
51) 2,6-Dinitrotoluene	9.59	165	277081	40.787	nq	87
52) Acenaphthene	9.83	154	1007799	38.093	nq	99
53) 3-Nitroaniline	9.75	138	235591	30.365	nq	97
54) 2,4-Dinitrophenol	9.86	184	354713	87.212	nq	92
55) Dibenzofuran	10.00	168	1468512	40.450	nq	99
56) 4-Nitrophenol	9.92	139	480110	83.166	nq	98
57) 2,4-Dinitrotoluene	9.99	165	368487	41.170	nq	97
58) Fluorene	10.35	166	1135452	39.107	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	324540	43.070	nq	98
60) Diethylphthalate	10.23	149	1254675	39.022	nq	100
61) 4-Chlorophenyl-phenylether	10.34	204	541706	36.402	nq	97
62) 4-Nitroaniline	10.37	138	310949	42.053	nq	96
63) Azobenzene	10.50	77	1173608	40.729	nq	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	223989	44.015	nq	82
66) n-Nitrosodiphenylamine	10.46	169	1056172	41.113	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	363738	37.865	nq	97
68) Hexachlorobenzene	10.90	284	396694	40.707	nq	93
69) Atrazine	10.99	200	313112	43.806	nq	98
70) Pentachlorophenol	11.09	266	445397	79.310	nq	99
71) Phenanthrene	11.31	178	1657641	40.321	nq	98
72) Anthracene	11.36	178	1718488	40.919	nq	100
73) Carbazole	11.52	167	1596453	40.197	nq	99
74) Di-n-butylphthalate	11.85	149	1953392	37.414	nq	99
75) Fluoranthene	12.50	202	1787549	40.298	nq	100
77) Benzidine	12.62	184	946862	51.787	nq	97
78) Pyrene	12.73	202	1821245	39.941	nq	99
80) Butylbenzylphthalate	13.35	149	809357	36.579	nq	99
81) Benzo(a)anthracene	13.92	228	1411664	39.672	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	429297	32.334	nq	96
83) Chrysene	13.96	228	1457750	40.318	nq	99
84) Bis(2-ethylhexyl)phthalate	13.91	149	1007630	33.629	nq	# 98
85) Di-n-octyl phthalate	14.53	149	1730079	33.912	nq	99
86) Dibenzo(1,2,3-cd)pyrene	16.77	276	1277583	40.086	nq	98
88) Benzo(b)fluoranthene	14.95	252	1401248	38.532	nq	99
89) Benzo(k)fluoranthene	14.98	252	1306424	41.636	nq	99
90) Benzo(a)pyrene	15.30	252	1219706	39.890	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	1069410	39.484	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1051147	39.317	nq	97

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



#1

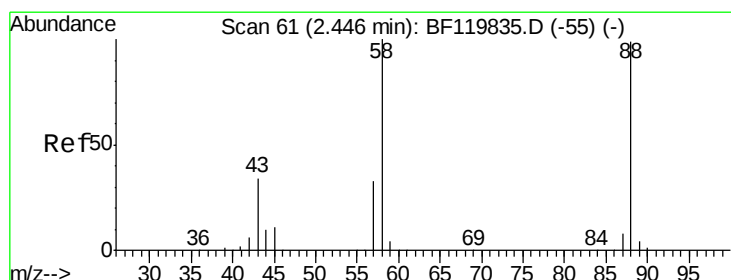
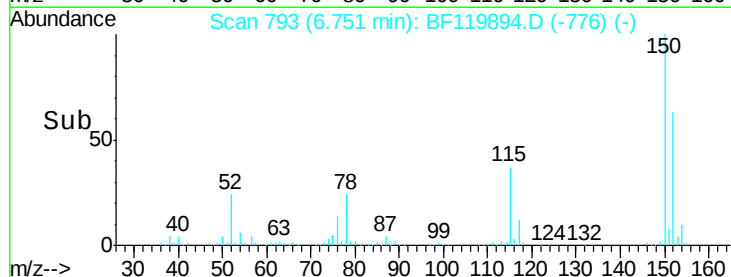
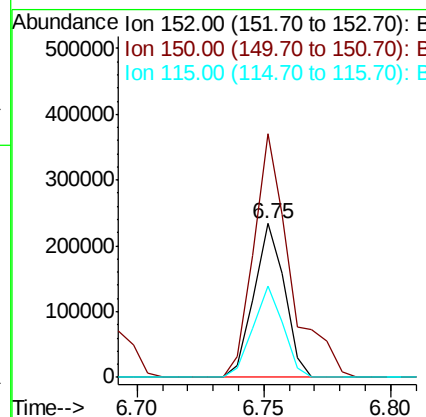
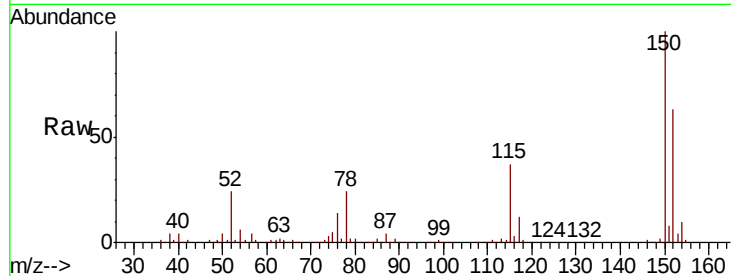
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.8	187.2
115	59.3	46.5	69.7

Manual Integrations
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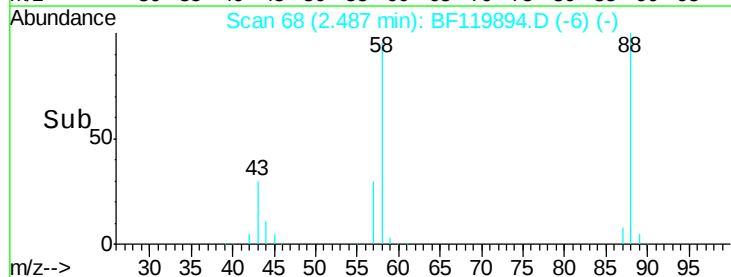
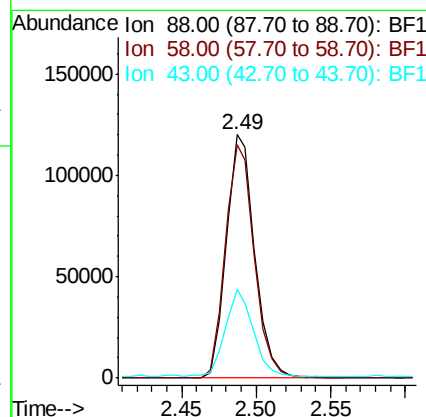
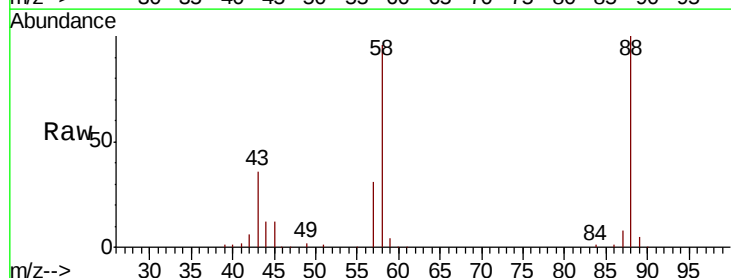
mohammad
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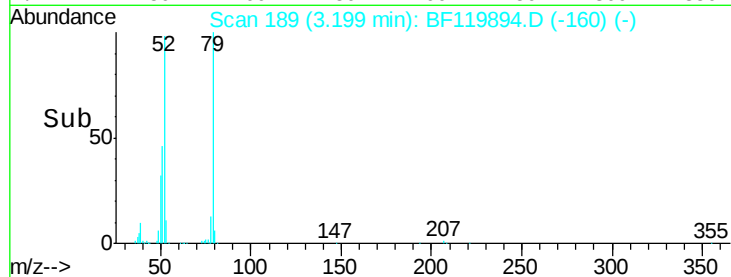
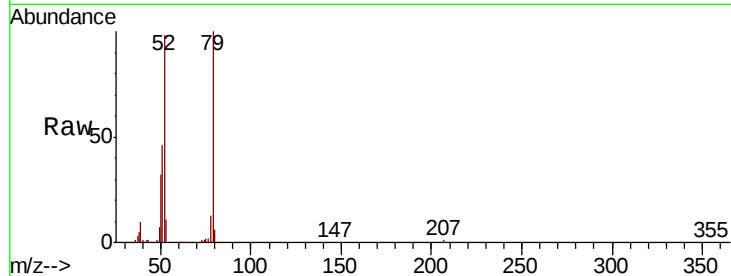
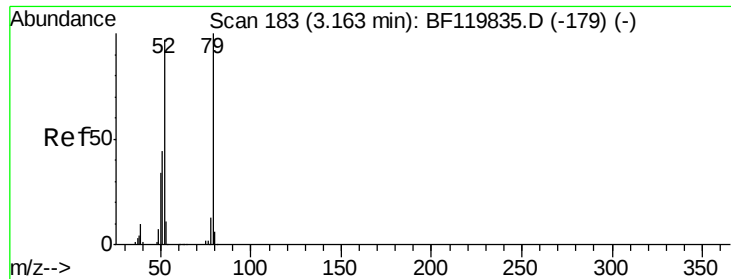


#2

1,4-Dioxane
Concen: 31.491 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.06 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.2	82.6	123.8
43	35.4	28.6	42.8





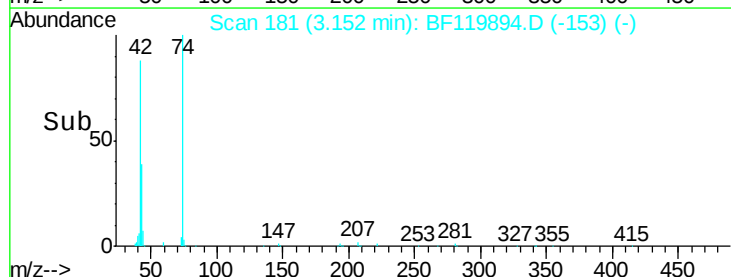
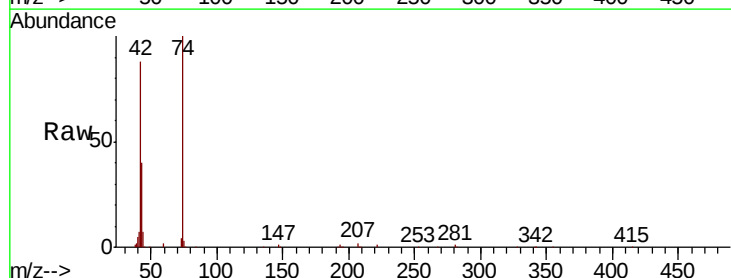
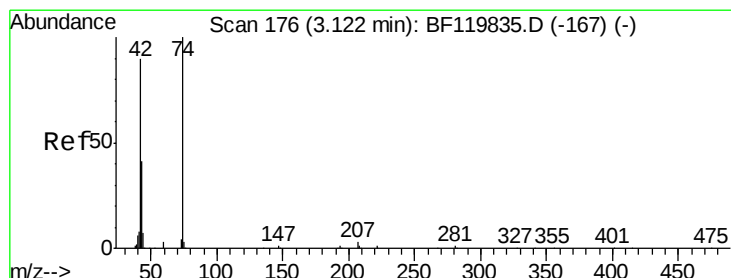
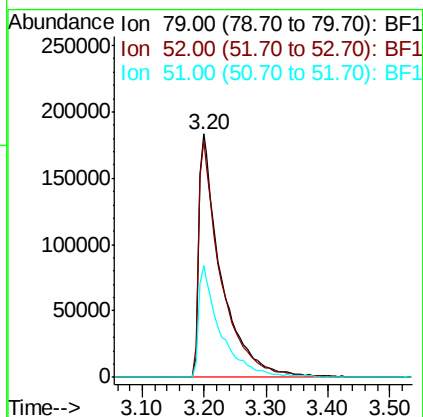
#3
Pvridine
Concen: 32.978 ng
RT: 3.20 min Scan# 189
Delta R.T. 0.07 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.5	77.4	116.0
51	45.8	35.3	52.9

Instrument :
BNA_F
ClientSampleId :
PB128092BS

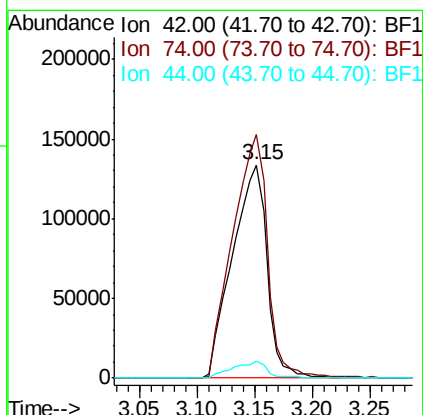
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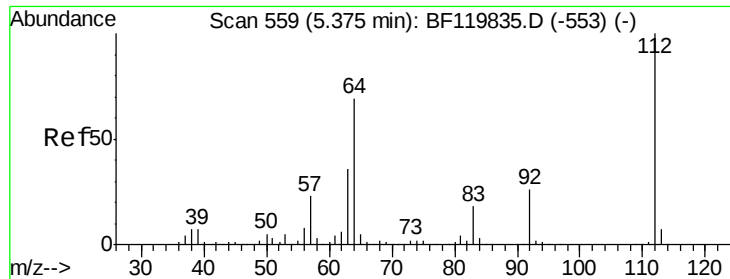
mohammad
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#4
n-Nitrosodimethylamine
Concen: 38.976 ng
RT: 3.15 min Scan# 181
Delta R.T. 0.06 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.2	89.0	133.4
44	8.1	6.2	9.4





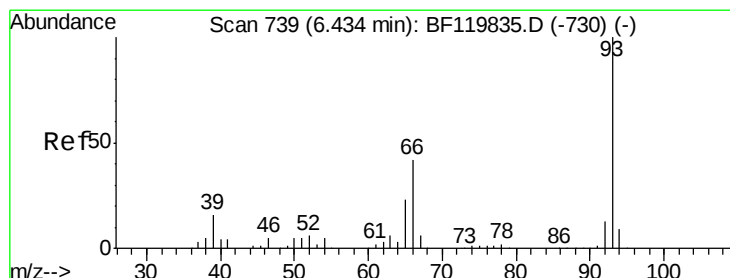
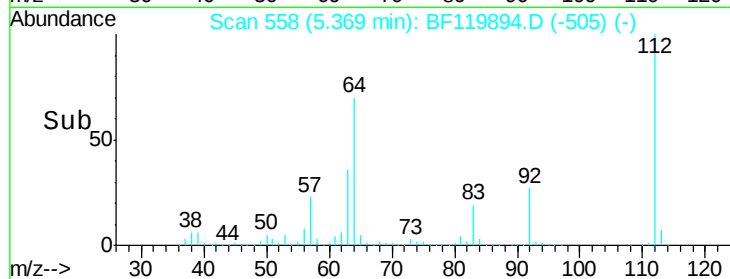
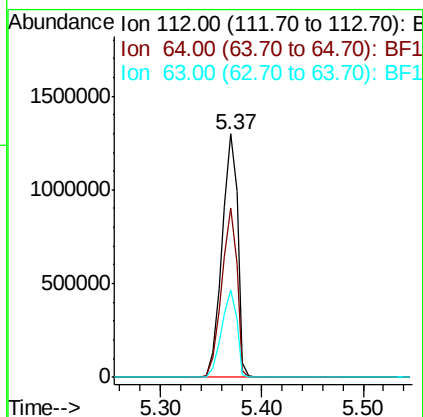
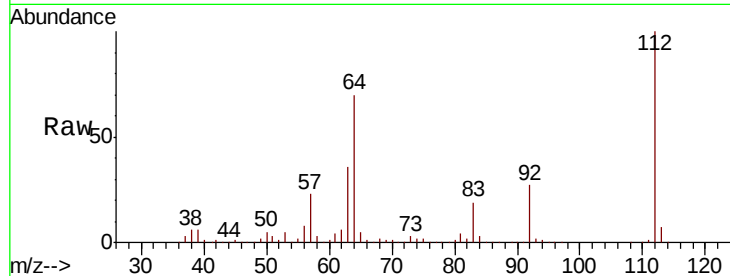
#5
2-Fluorophenol
Concen: 121.060 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.5	83.3
63	36.0	29.1	43.7

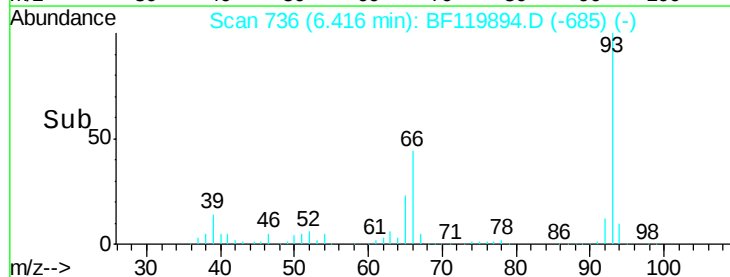
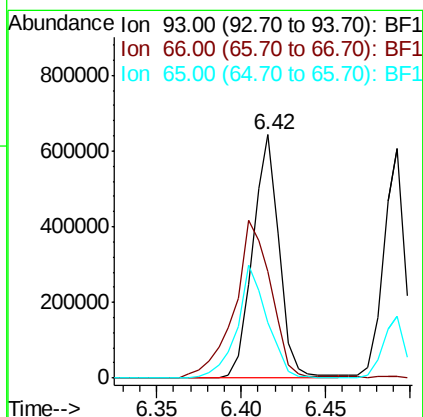
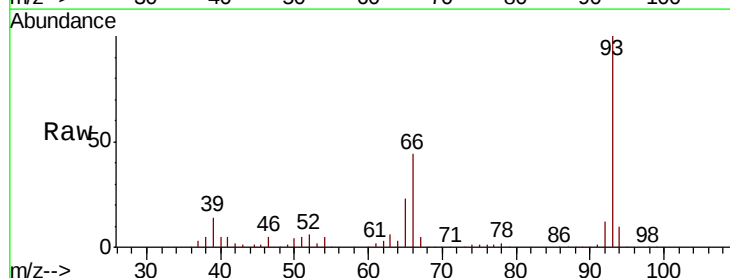
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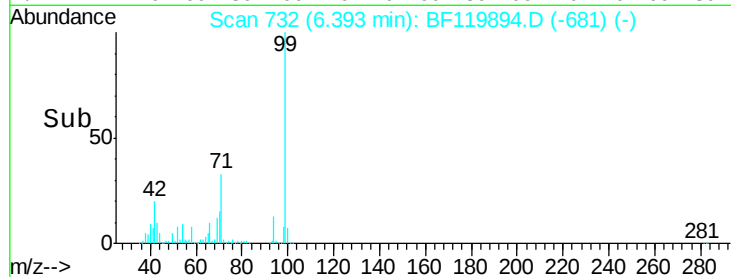
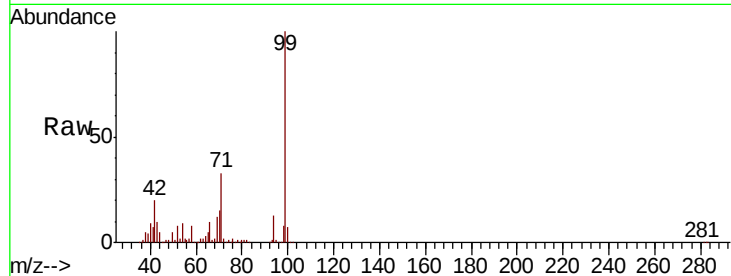
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#6
Aniline
Concen: 36.426 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.9	34.2	51.2
65	22.9	18.3	27.5





#7

Phenol-d6

Concen: 120.244 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tot Ion:	99	Resp:	1771524
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.9	25.3
71	33.0	26.3	39.5

Instrument :

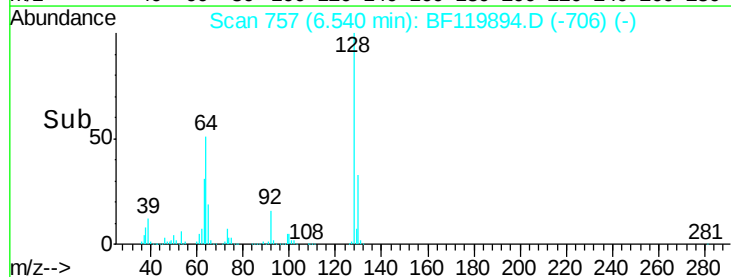
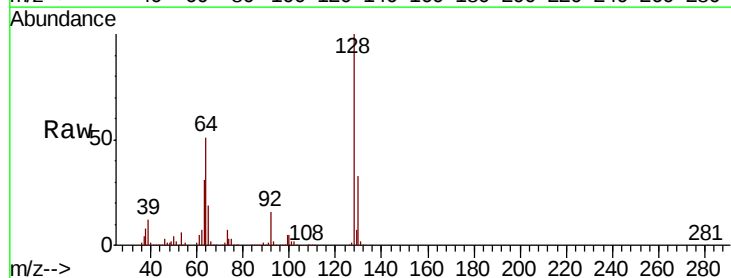
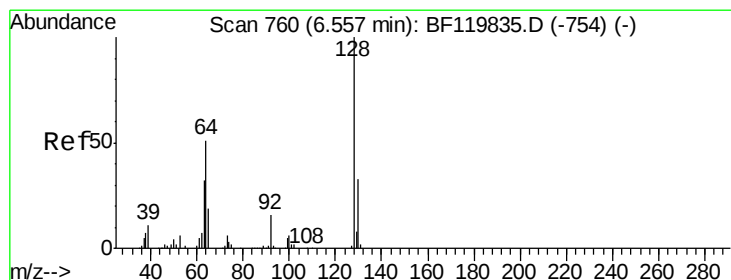
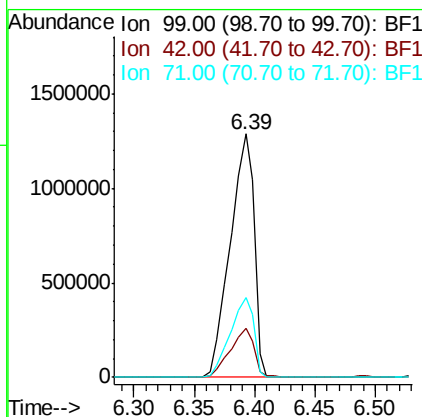
BNA_F

ClientSampleId :

PB128092BS

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#8

2-Chlorophenol

Concen: 44.523 ng

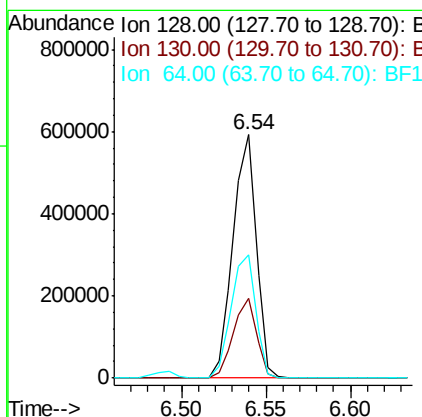
RT: 6.54 min Scan# 757

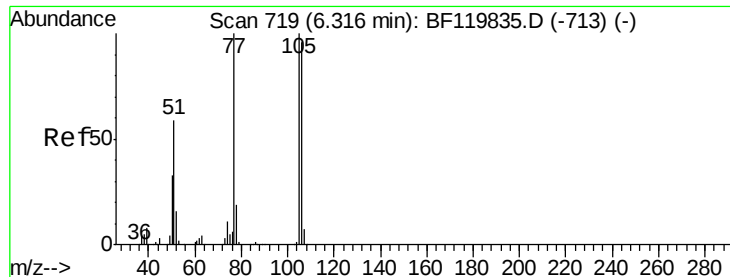
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:	128	Resp:	568783
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	50.6	32.0	72.0





#9

Benzaldehyde

Concen: 18.996 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

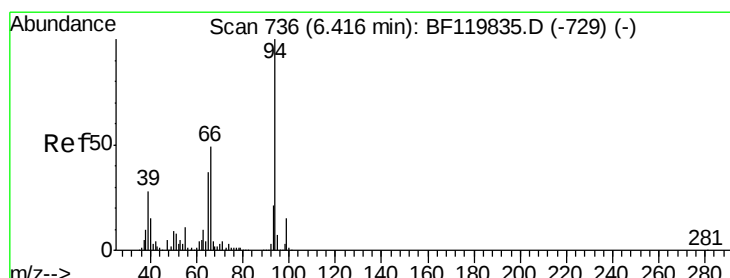
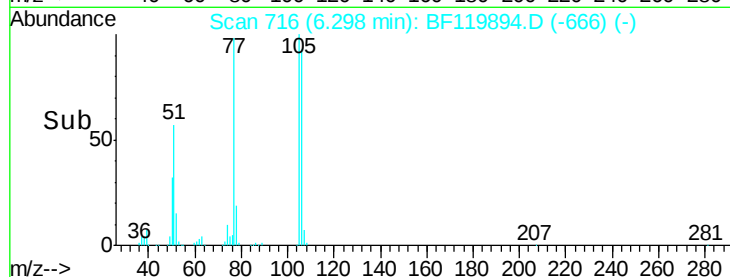
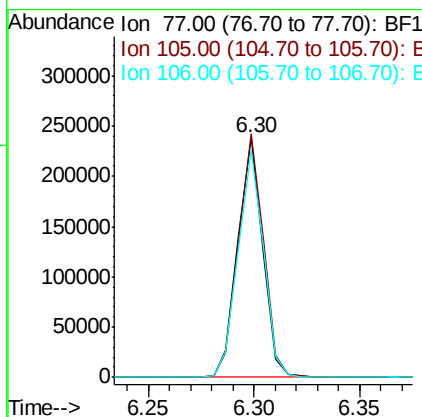
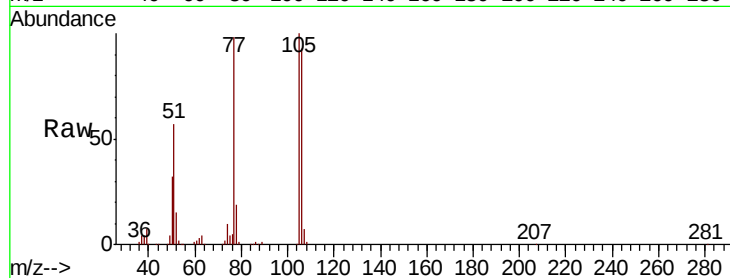
ClientSampleId :

PB128092BS

Tot Ion:	77	Resp:	193666
Ion	Ratio	Lower	Upper
77	100		
105	101.8	79.9	119.9
106	94.9	76.4	116.4

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#10

Phenol

Concen: 42.224 ng

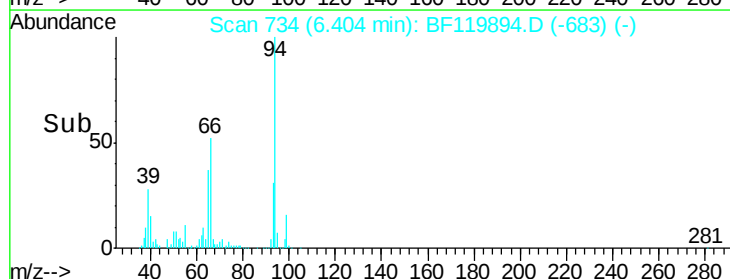
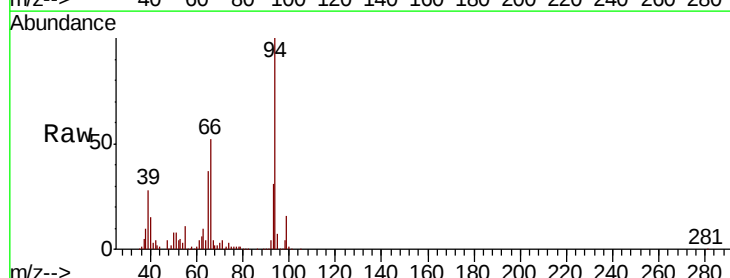
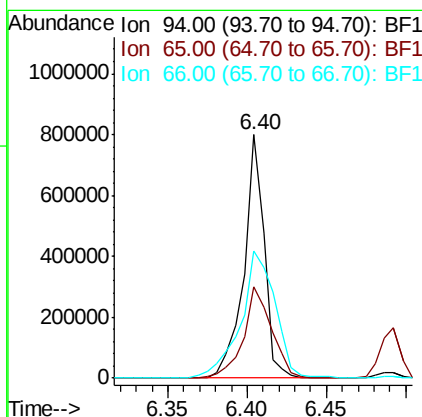
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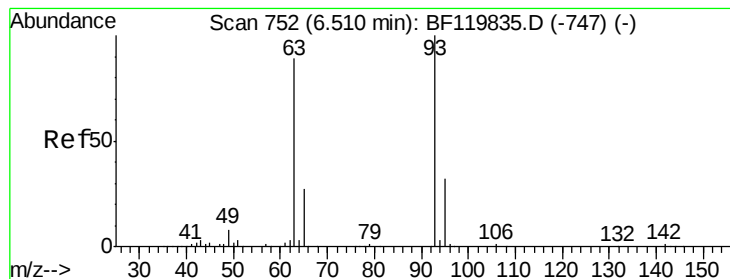
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:	94	Resp:	705746
Ion	Ratio	Lower	Upper
94	100		
65	37.3	16.6	56.6
66	52.0	29.3	69.3





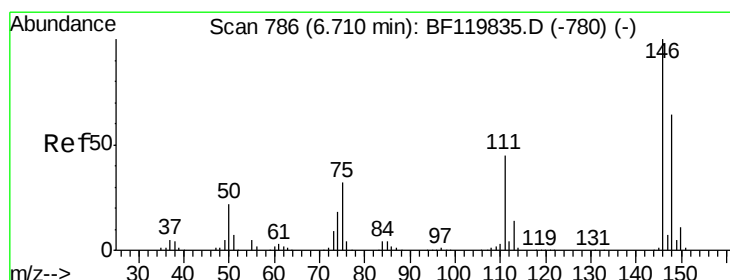
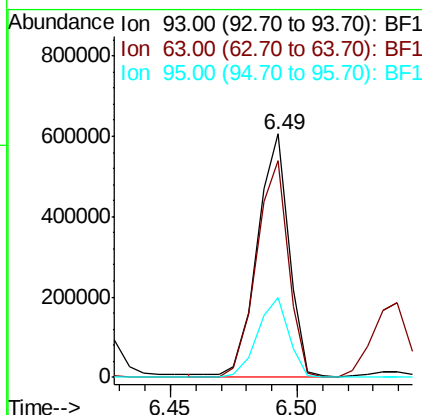
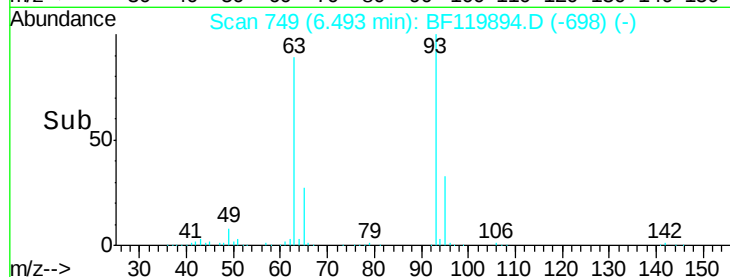
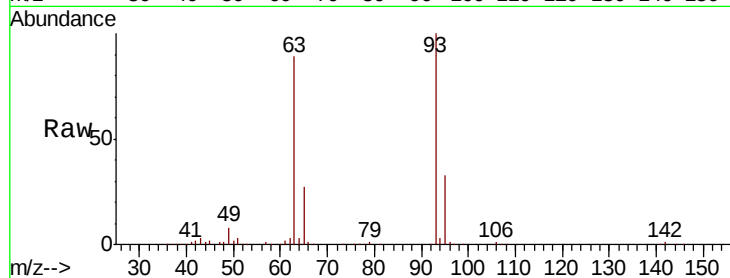
#11
bis(2-Chloroethyl)ether
Concen: 40.945 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	69.1	109.1
95	33.0	12.3	52.3

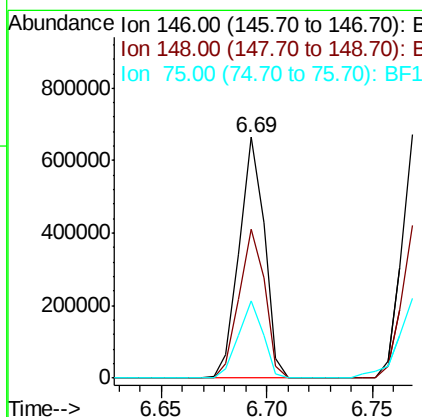
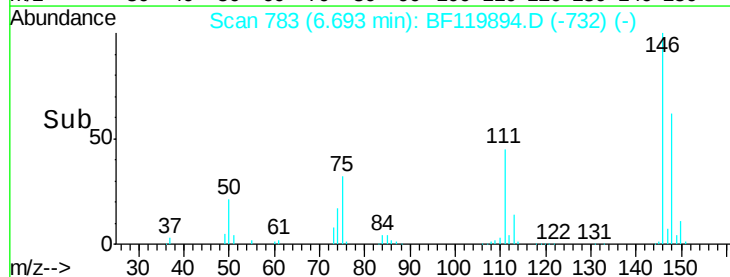
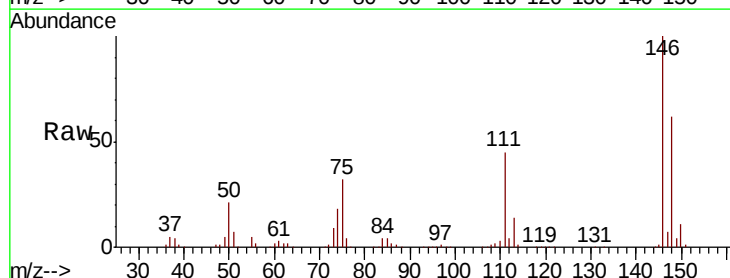
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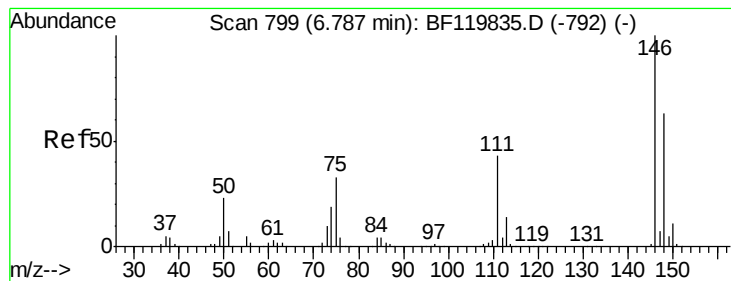
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.324 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
75	32.0	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 39.622 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

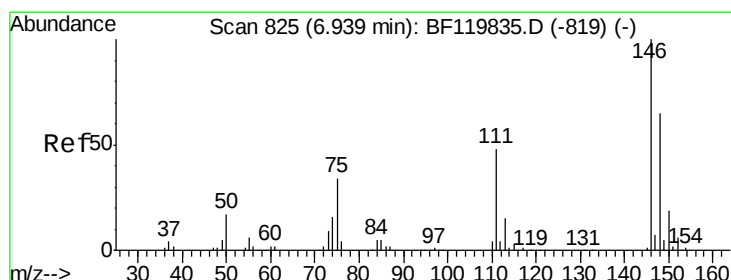
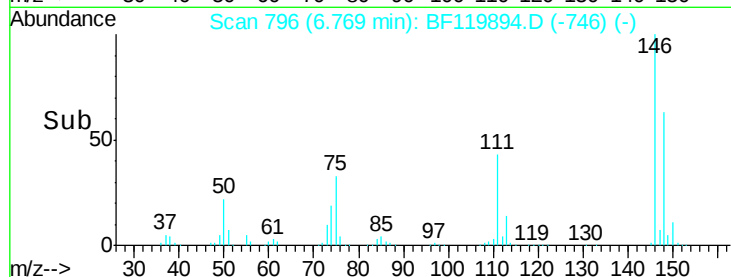
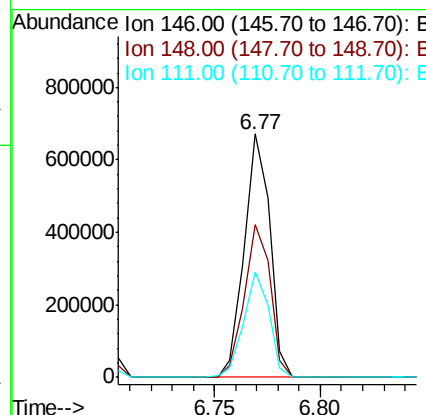
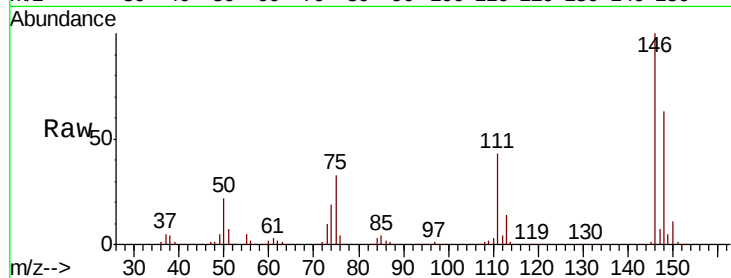
ClientSampleId :

PB128092BS

Tot Ion:	146	Resp:	564493
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.5	75.7
111	43.4	34.7	52.1

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#14

1,2-Dichlorobenzene

Concen: 40.162 ng

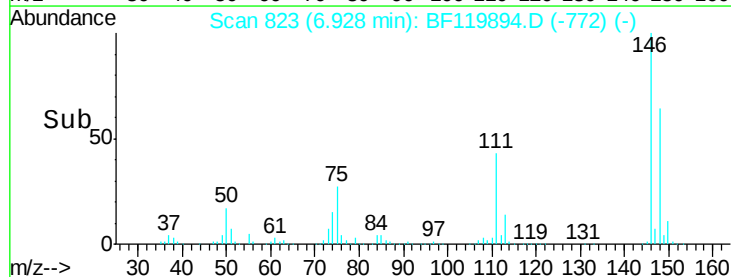
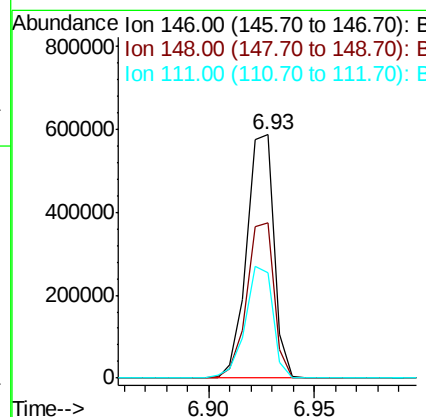
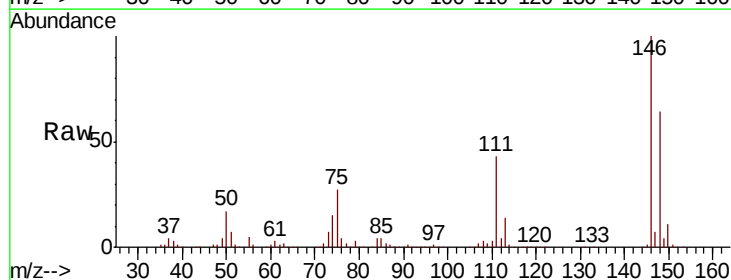
RT: 6.93 min Scan# 823

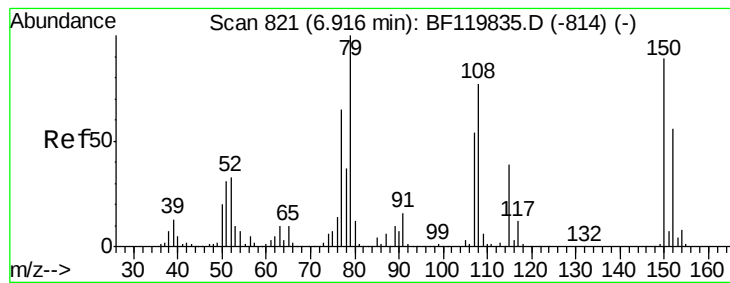
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:	146	Resp:	527333
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
111	43.5	38.0	57.0





#15

Benzyl Alcohol

Concen: 37.007 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion: 79 Resp: 423465

Ion Ratio Lower Upper

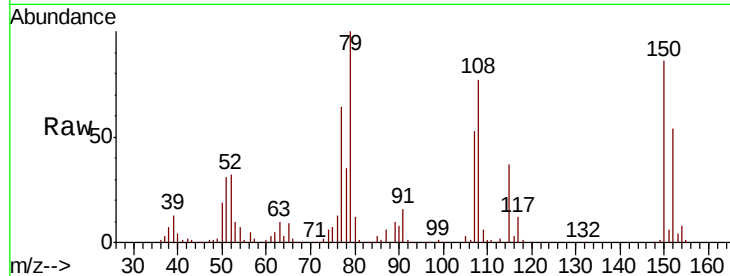
79 100

108 76.8 62.0 93.0

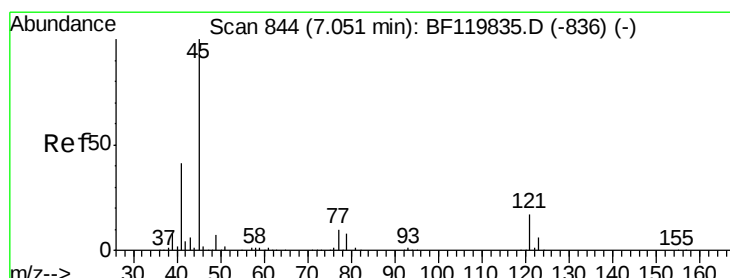
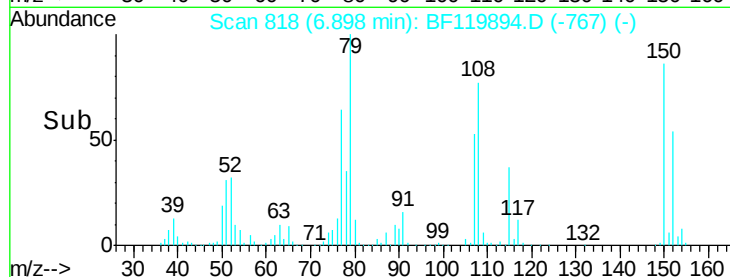
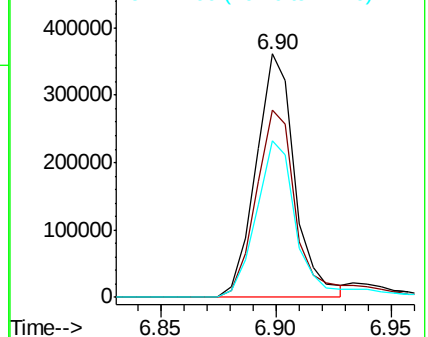
77 64.2 51.8 77.6

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.761 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

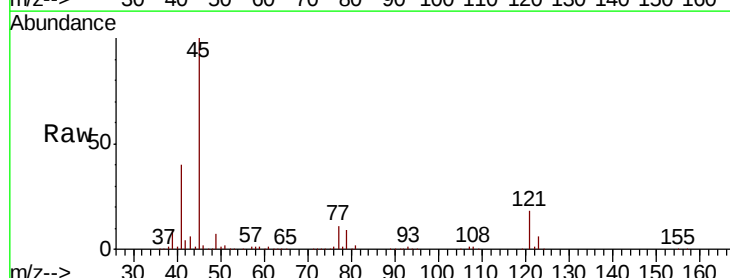
Tgt Ion: 45 Resp: 948288

Ion Ratio Lower Upper

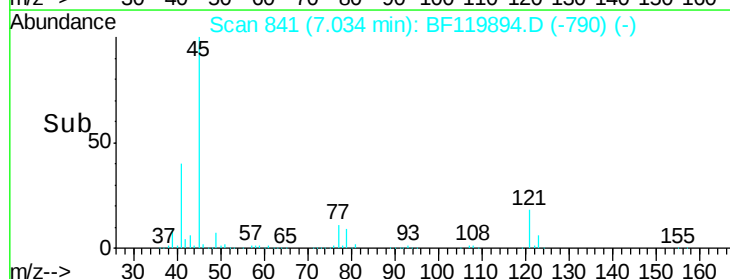
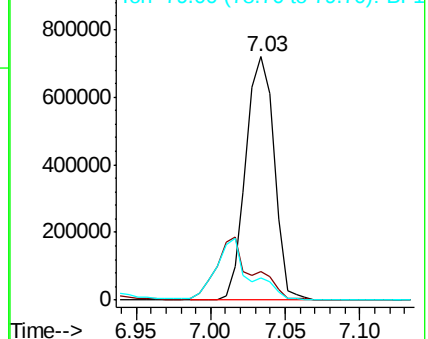
45 100

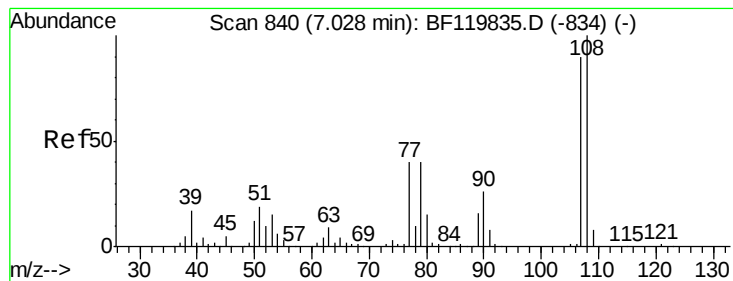
77 11.5 0.0 30.7

79 8.8 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





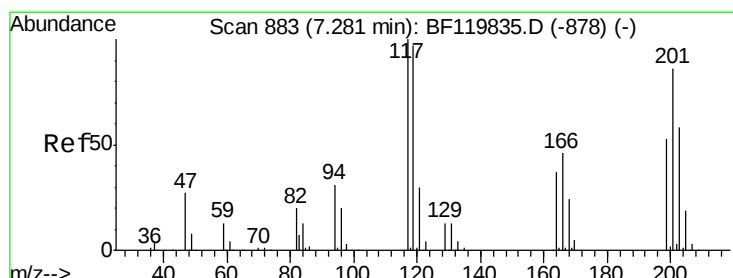
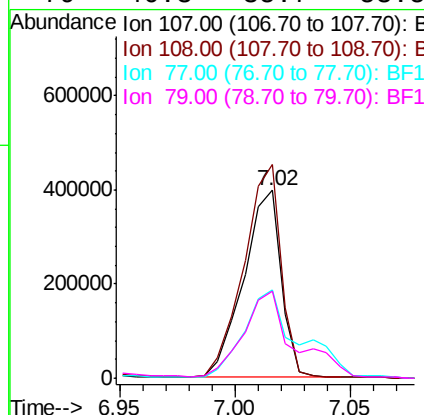
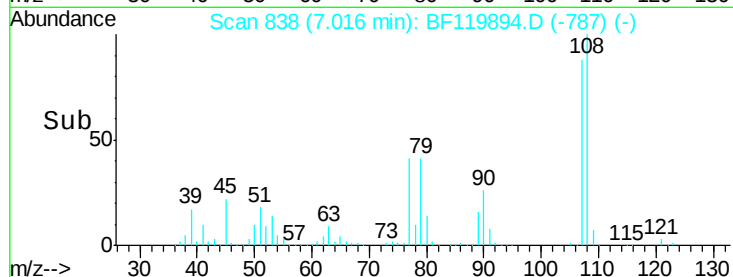
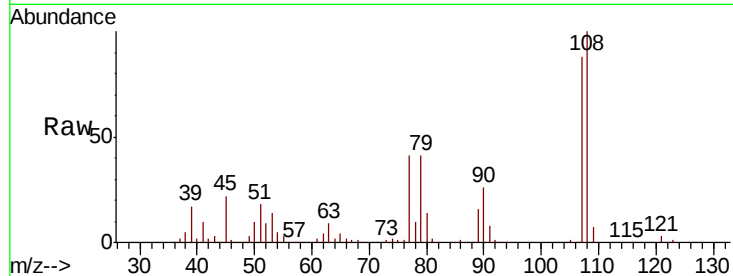
#17
2-Methylphenol
Concen: 39.793 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	453665		
108	113.8	88.8	133.2	
77	47.0	36.0	54.0	
79	46.3	35.7	53.5	

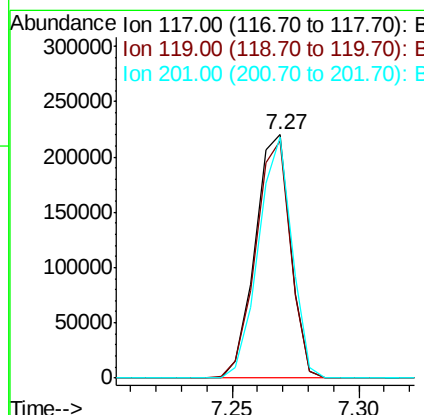
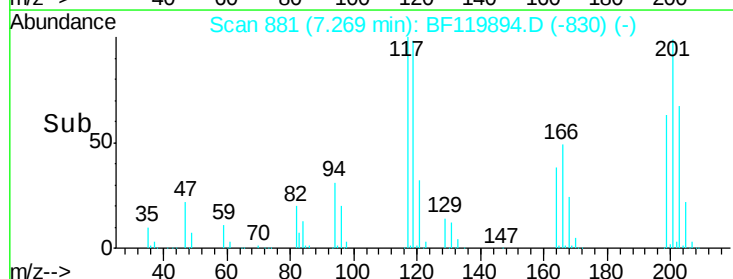
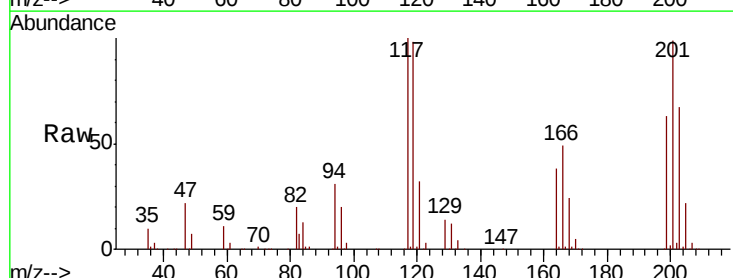
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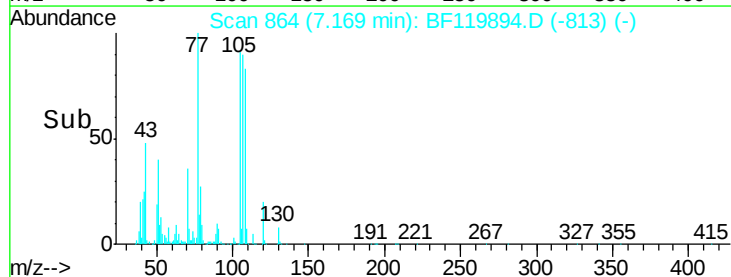
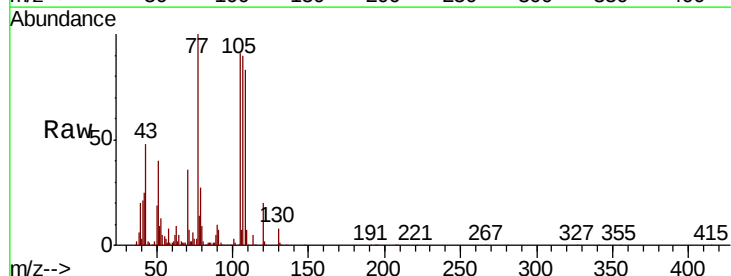
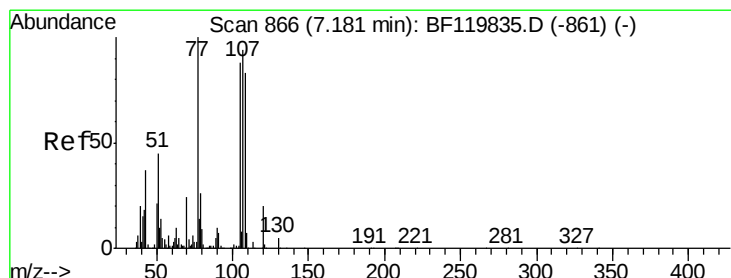
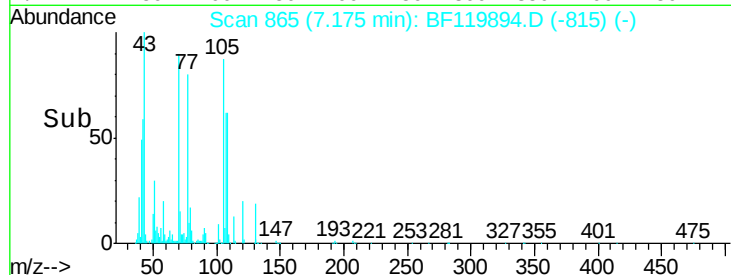
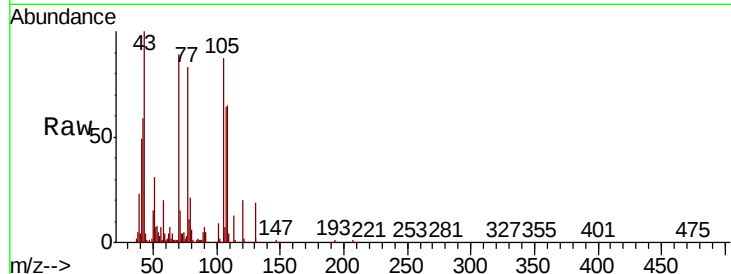
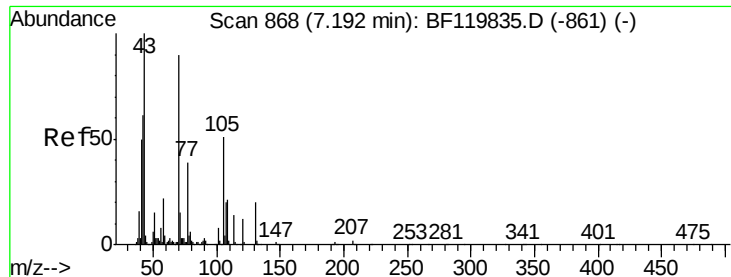
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#18
Hexachloroethane
Concen: 40.374 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

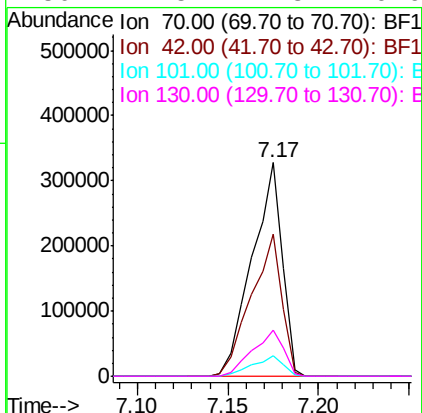
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	214970		
119	97.7	77.4	116.0	
201	99.2	68.4	102.6	





#19
n-Nitroso-di-n-propylamine
Concen: 40.004 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	9.6	7.4	11.2
130	21.5	17.8	26.6



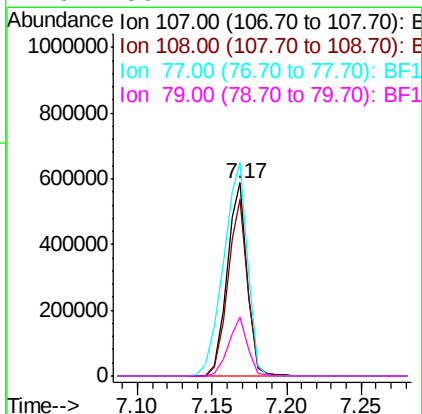
Instrument :
BNA_F
ClientSampleId :
PB128092BS

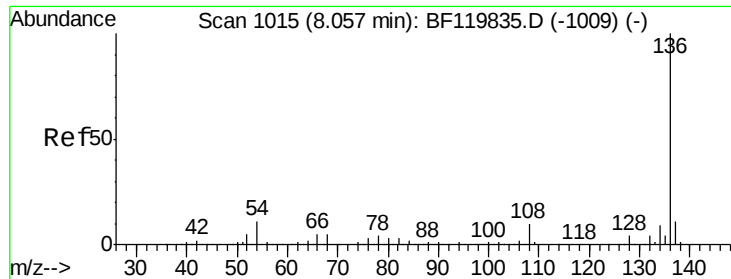
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#20
3+4-Methylphenols
Concen: 39.958 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	110.6	86.6	126.6
79	30.2	7.7	47.7





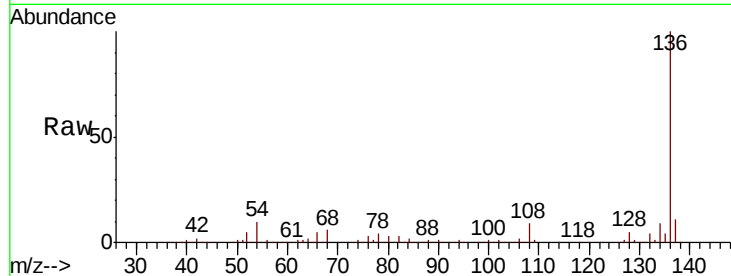
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	769502		
137	11.0		8.7	13.1
54	9.7		8.5	12.7
68	5.7		3.9	5.9

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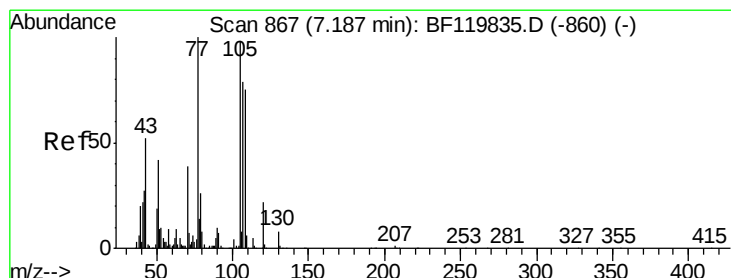
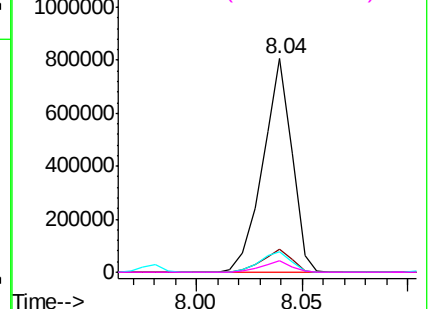
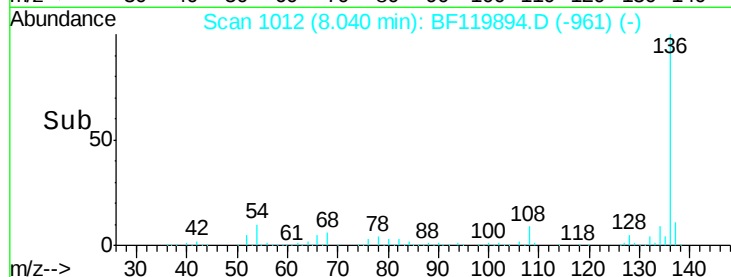
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

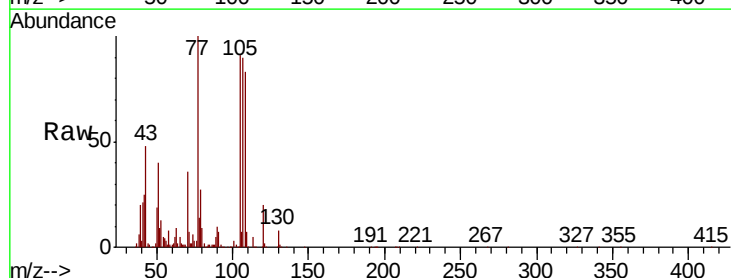
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.263 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	725516		
71	7.3		5.6	8.4
51	44.2		33.9	50.9
120	21.8		17.8	26.8



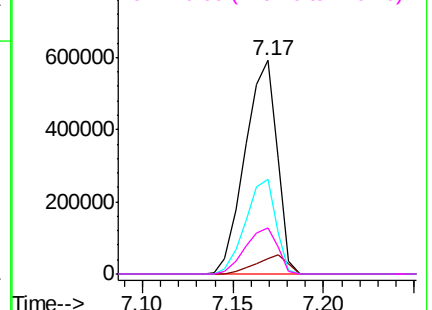
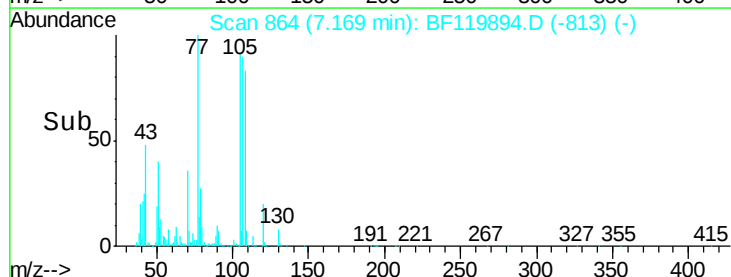
Abundance

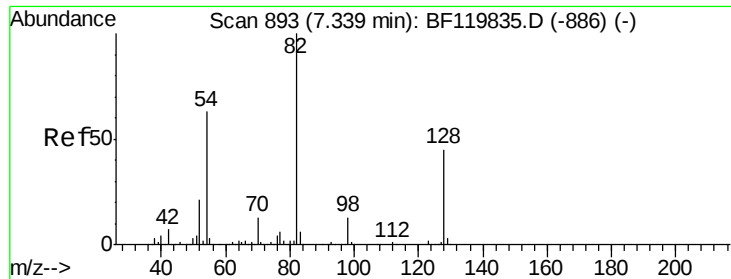
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





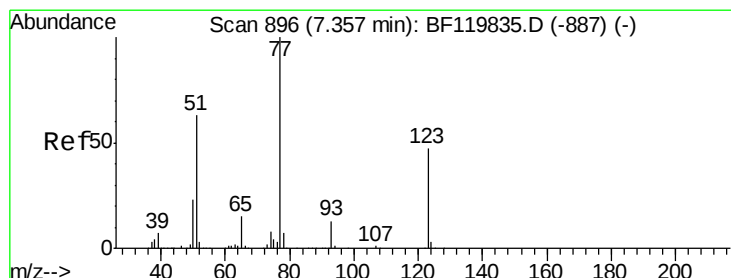
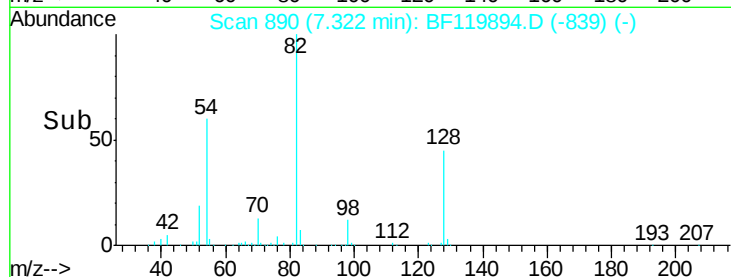
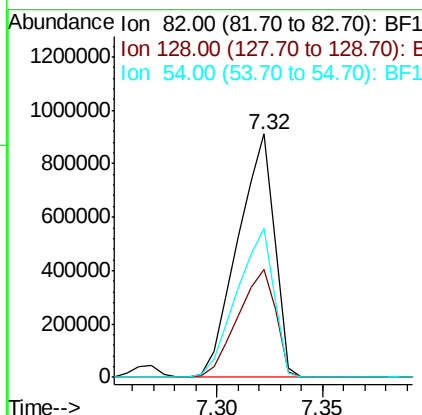
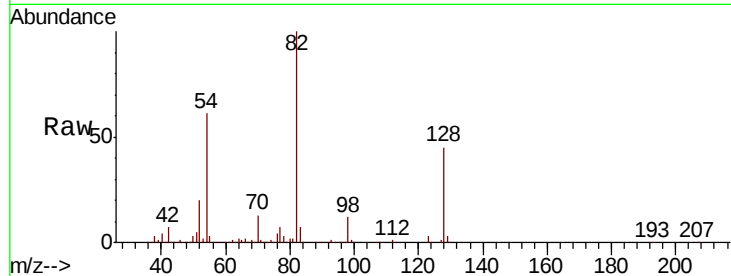
#23
 Nitrobenzene-d5
 Concen: 73.935 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	82	Resp	1099731
Ion Ratio	100	Lower	Upper
128	44.6	36.2	54.4
54	61.1	50.4	75.6

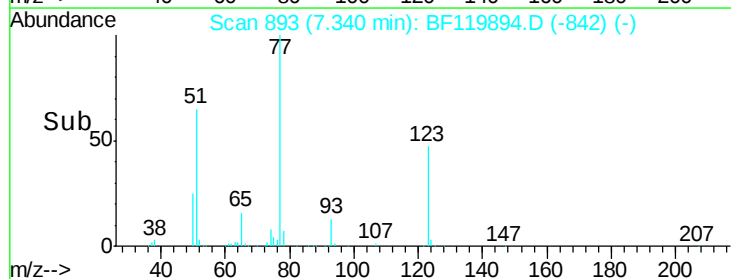
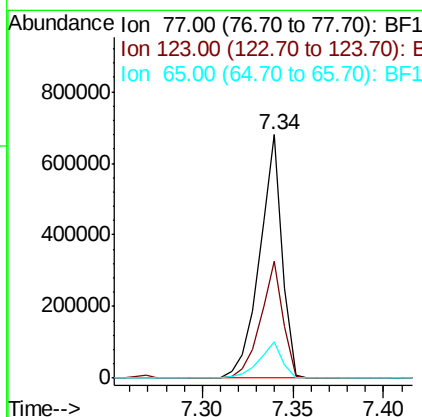
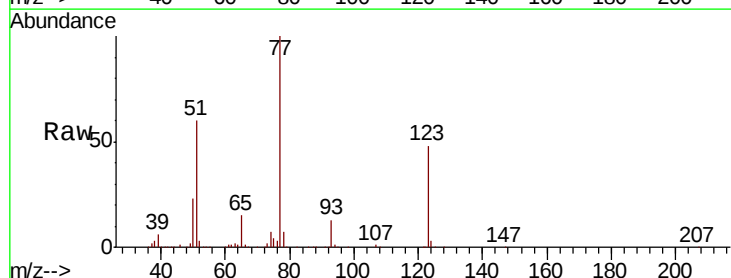
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#24
 Nitrobenzene
 Concen: 39.054 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	77	Resp	584367
Ion Ratio	100	Lower	Upper
123	47.9	37.8	56.8
65	14.9	12.2	18.2





#25

Isophorone

Concen: 38.090 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion: 82 Resp: 1092179

Ion Ratio Lower Upper

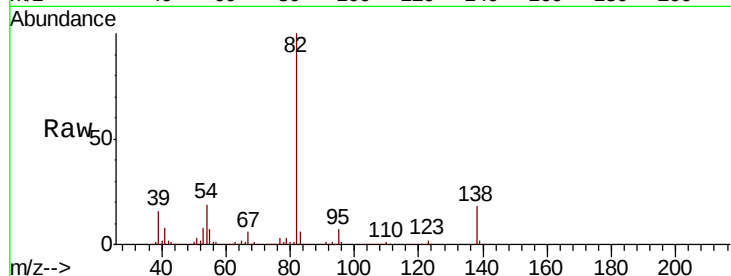
82 100

95 7.0 5.8 8.6

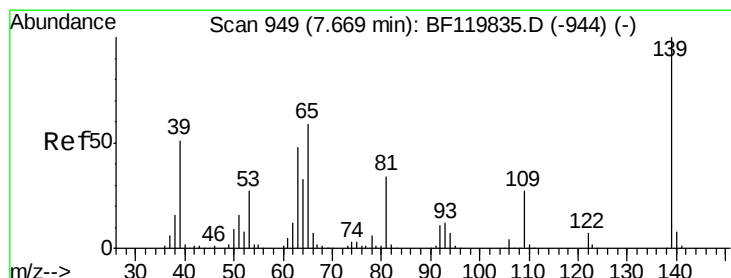
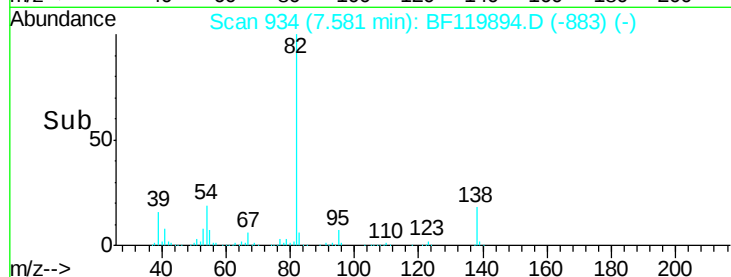
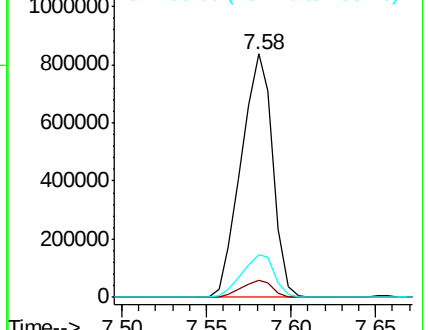
138 17.7 14.5 21.7

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.826 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

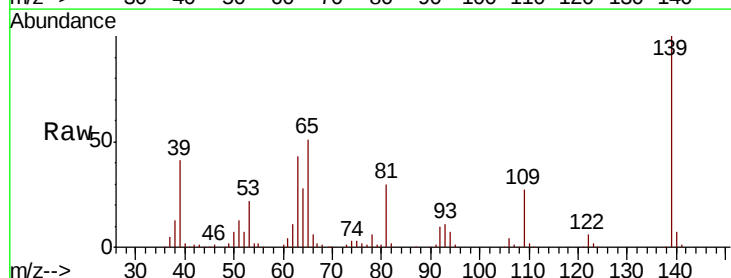
Tgt Ion: 139 Resp: 305195

Ion Ratio Lower Upper

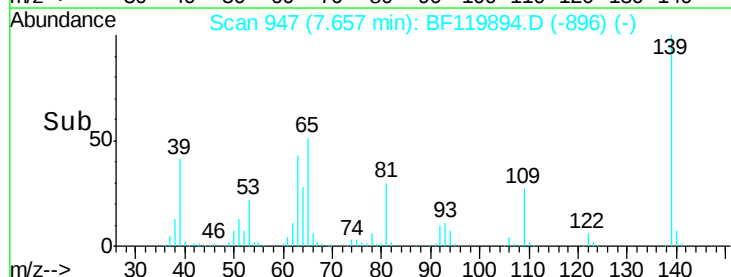
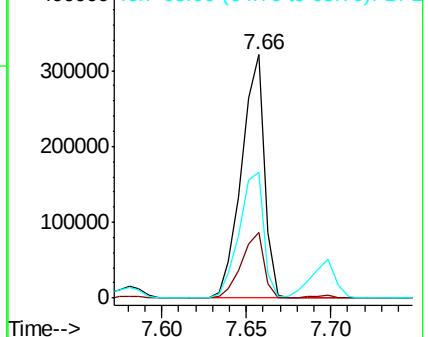
139 100

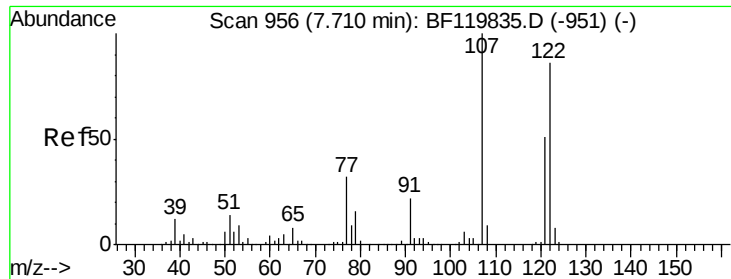
109 27.1 21.8 32.6

65 51.5 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





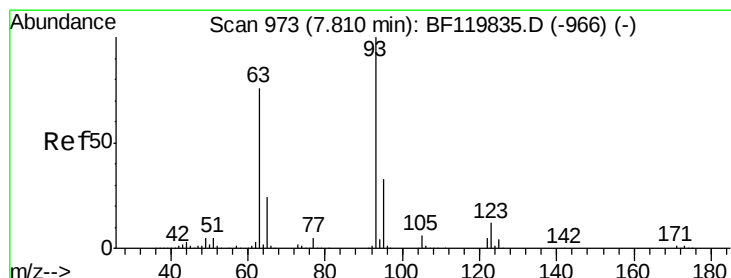
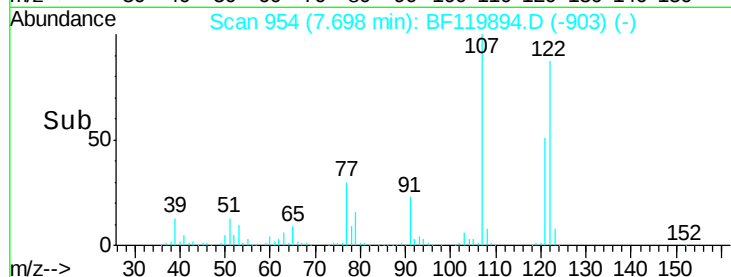
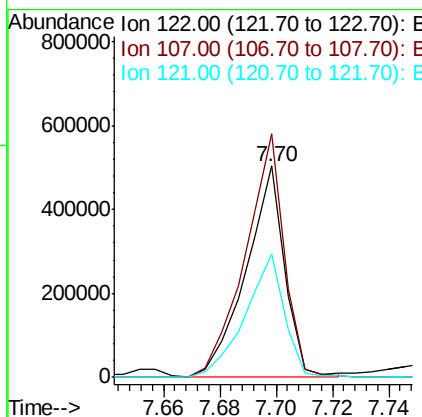
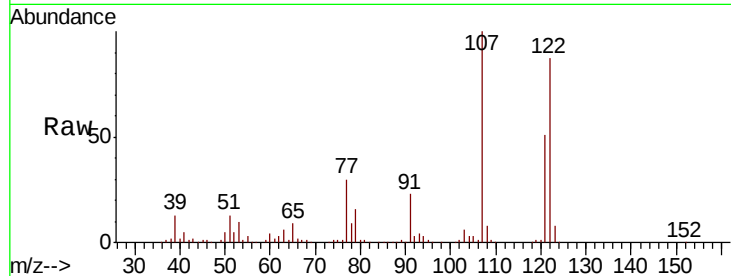
#27
 2,4-Dimethylphenol
 Concen: 42.633 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.3	138.5
121	58.2	46.6	70.0

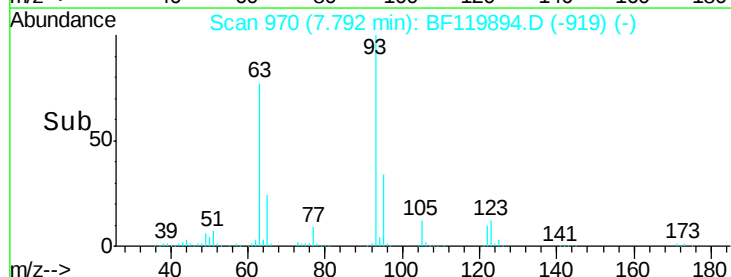
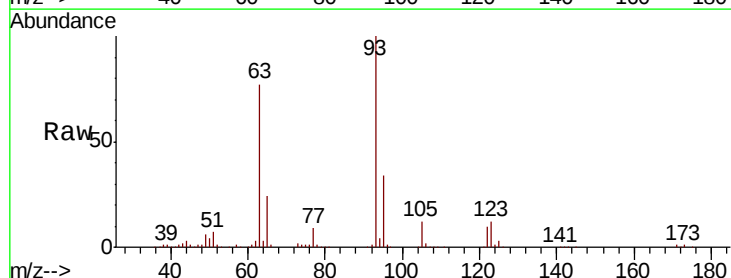
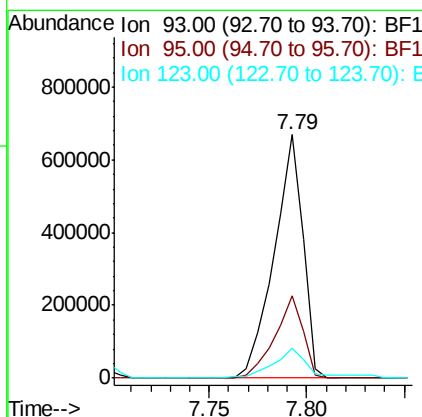
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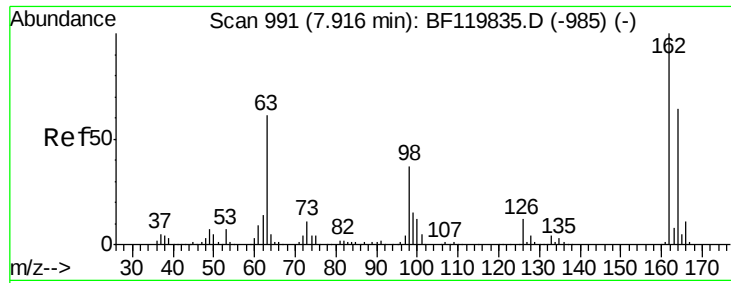
mohammad
 4/14/2020 3:39:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.613 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	12.1	9.7	14.5





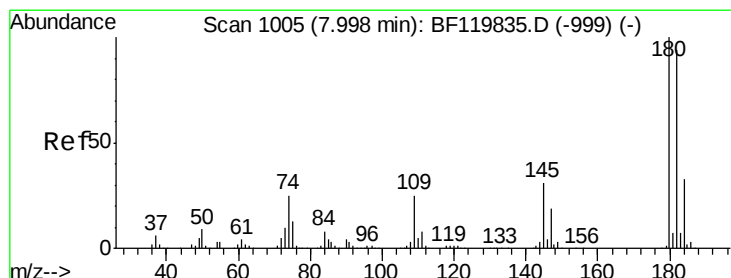
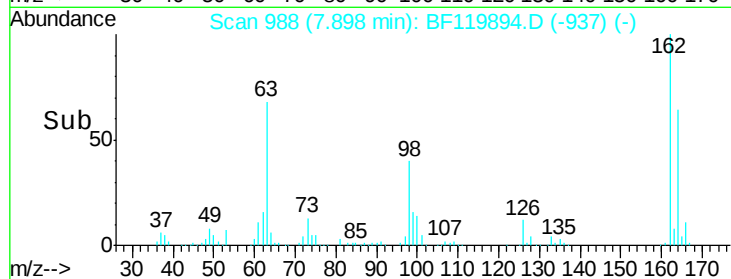
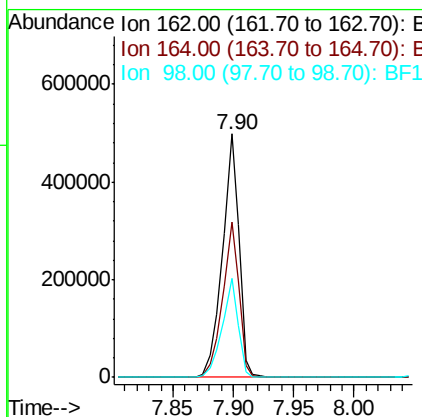
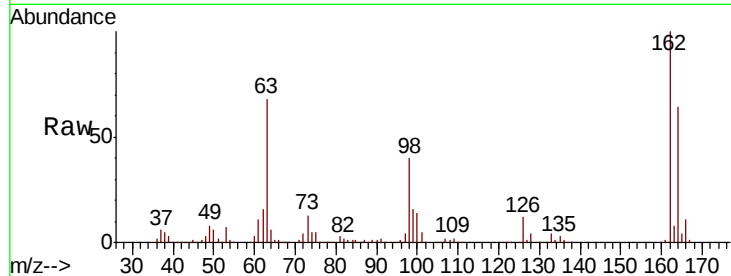
#29
 2,4-Dichlorophenol
 Concen: 40.850 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion:	162	Resp:	472084
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.4	84.4
98	40.4	17.3	57.3

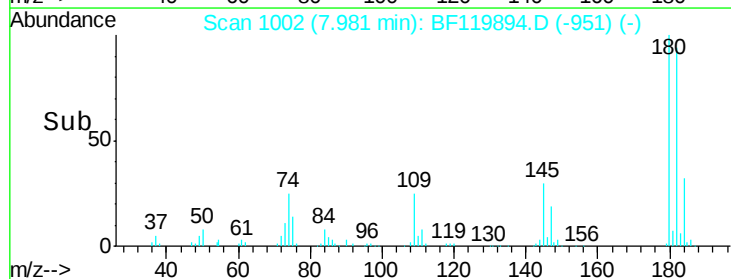
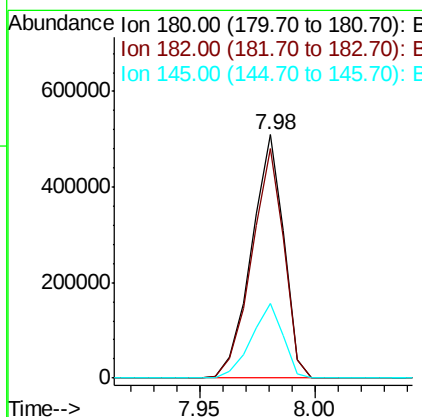
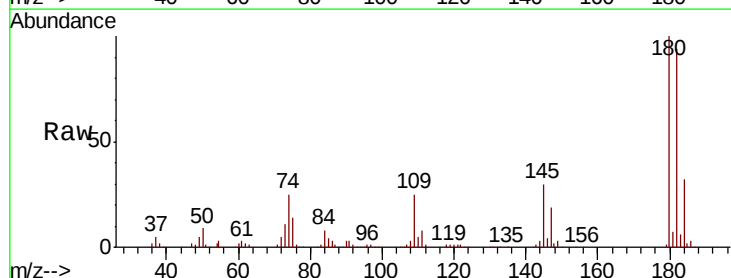
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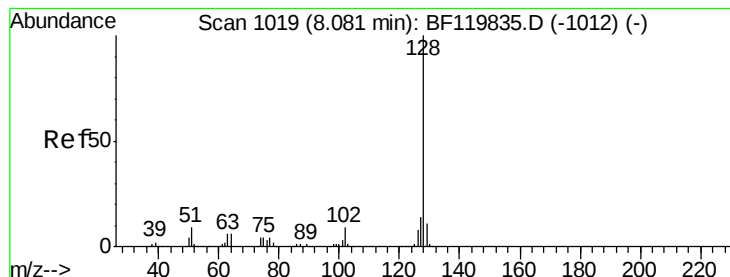
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.876 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:	180	Resp:	495969
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.4	113.0
145	30.5	24.6	37.0





#31

Naphthalene

Concen: 39.020 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:128 Resp: 1579751

Ion Ratio Lower Upper

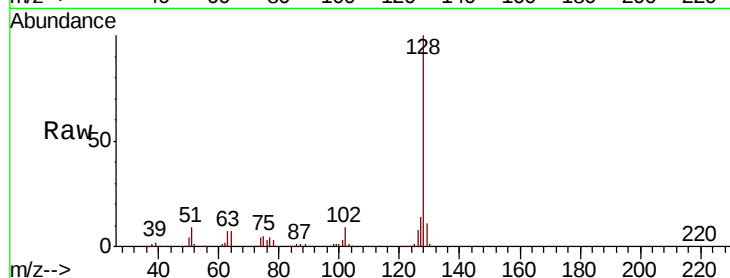
128 100

129 11.3 9.0 13.6

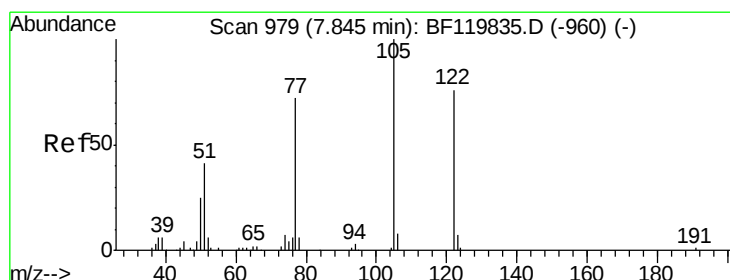
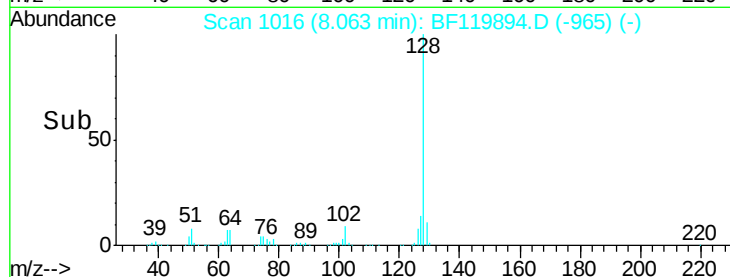
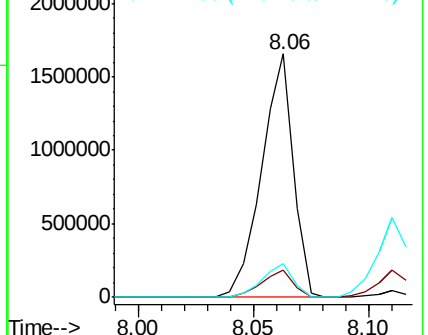
127 13.8 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.656 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

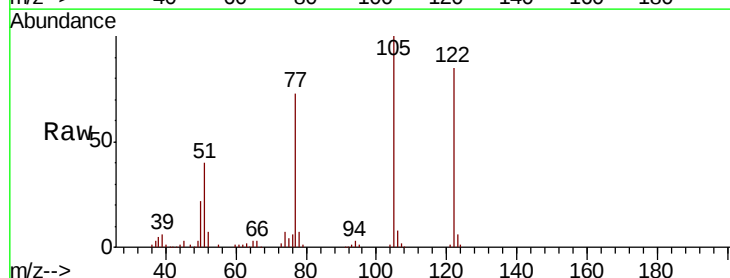
Tgt Ion:122 Resp: 402564

Ion Ratio Lower Upper

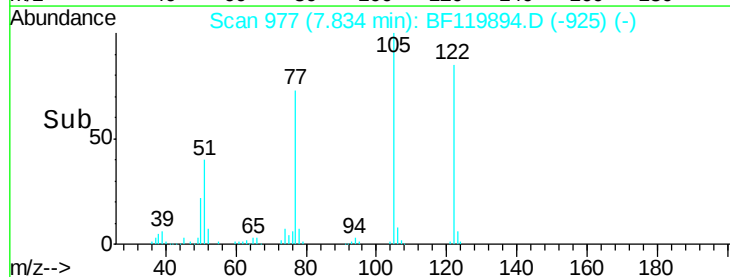
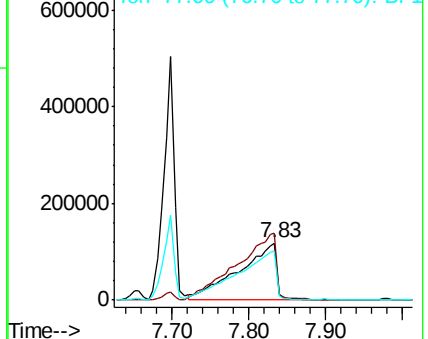
122 100

105 117.2 106.7 146.7

77 85.7 72.1 112.1



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





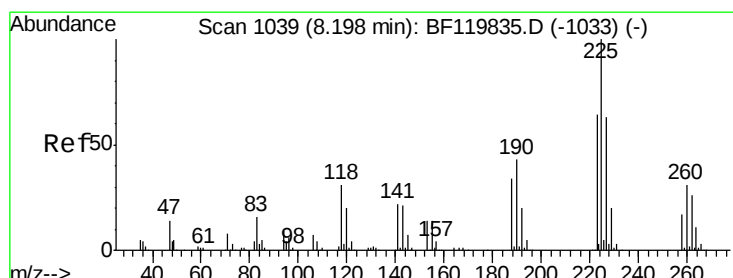
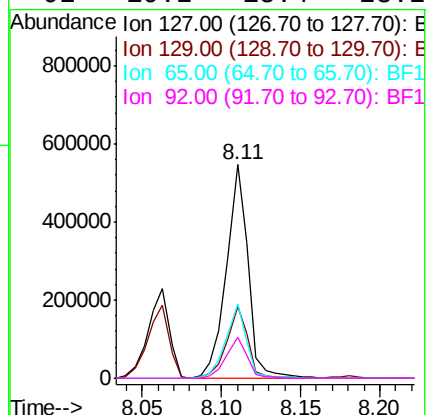
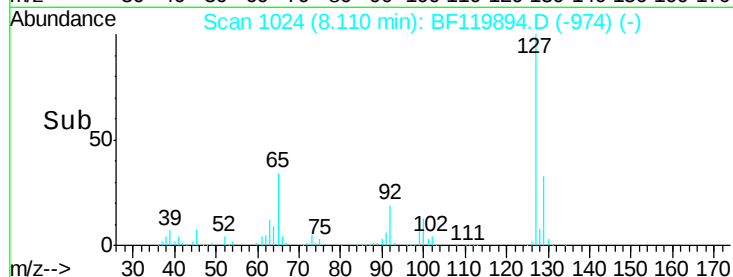
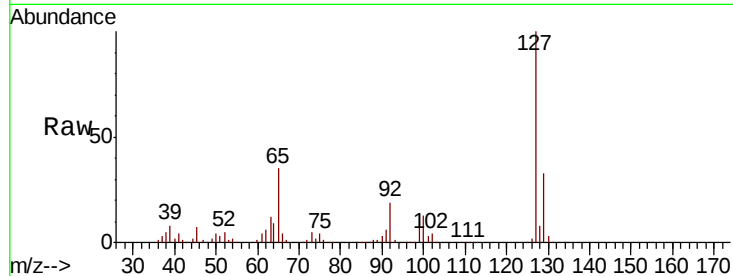
#33
4-Chloroaniline
Concen: 29.339 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.2		
65	34.8	28.3	42.5		
92	19.2	15.4	23.2		

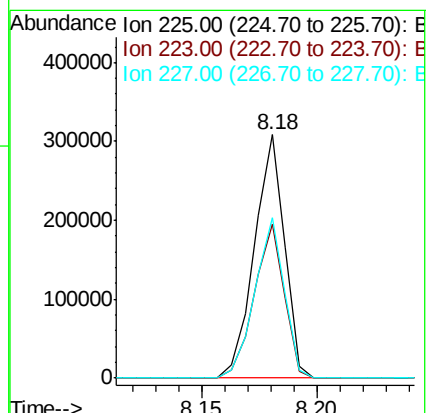
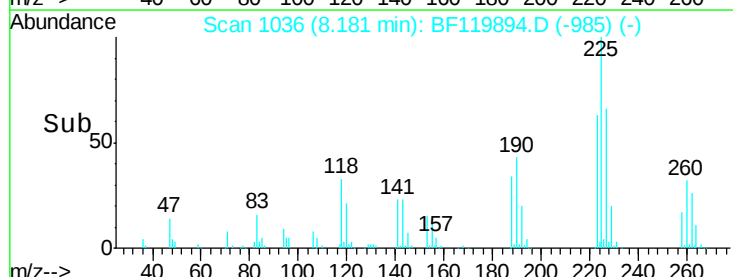
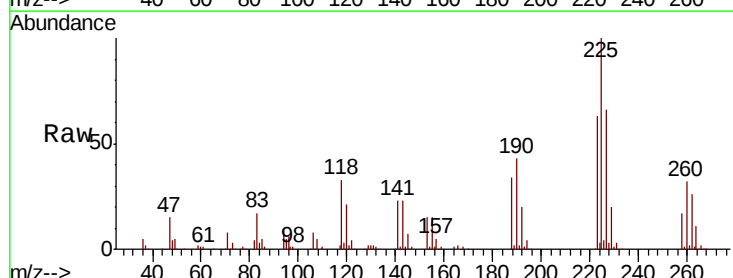
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#34
Hexachlorobutadiene
Concen: 35.889 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.0	76.6		
227	66.0	50.4	75.6		





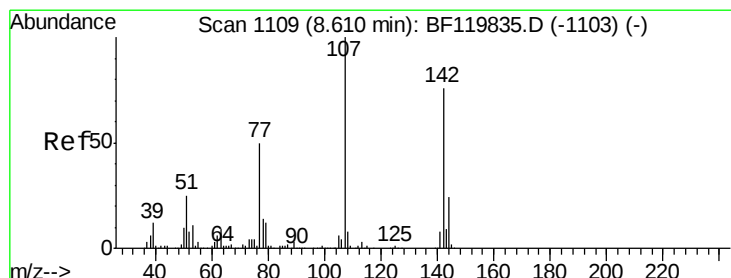
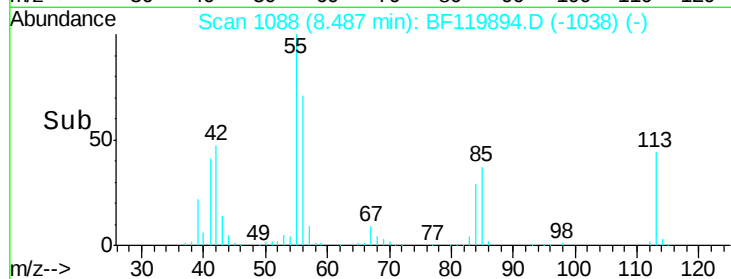
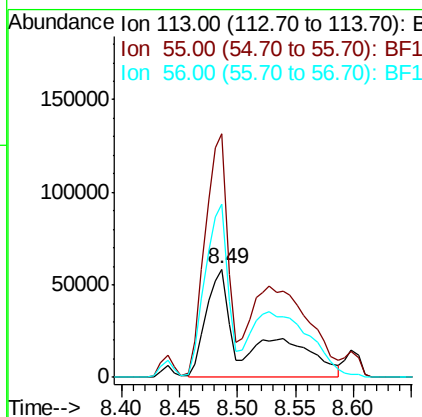
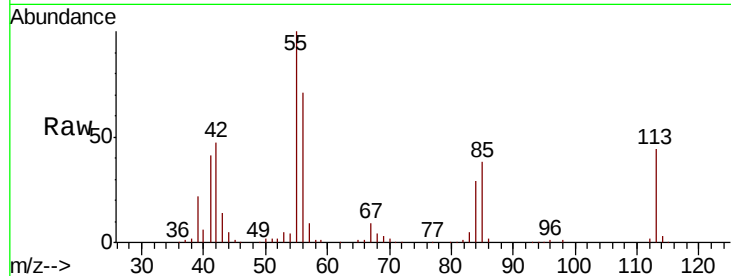
#35
 Caprolactam
 Concen: 43.913 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.7	192.7	232.7
56	159.4	133.3	173.3

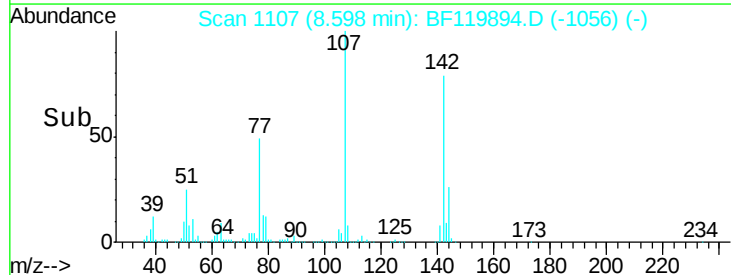
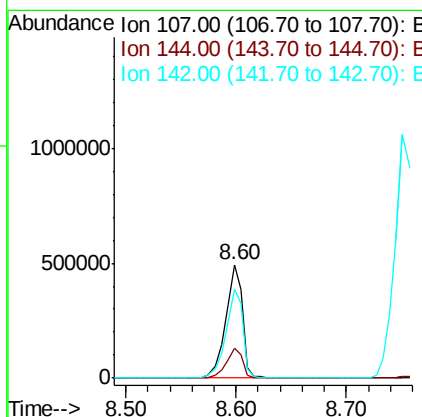
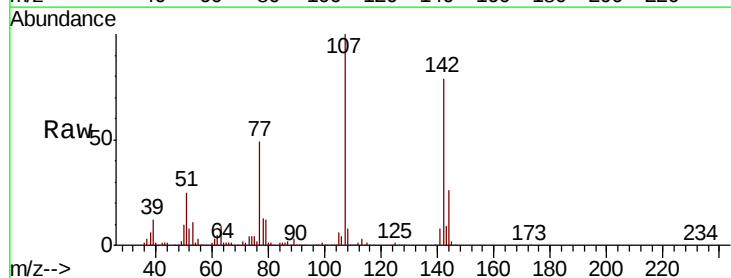
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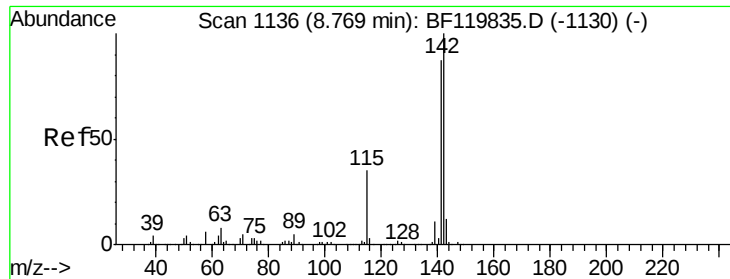
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.873 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.5	29.3
142	78.8	60.5	90.7





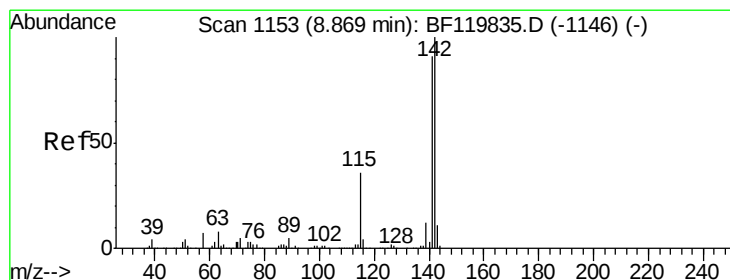
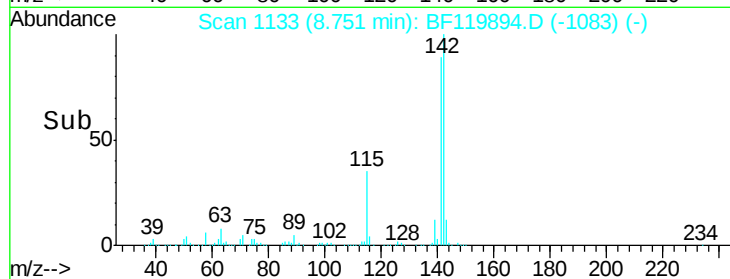
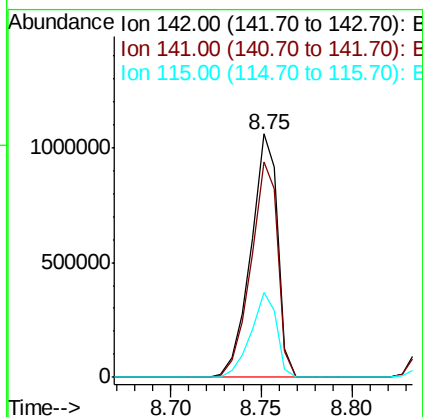
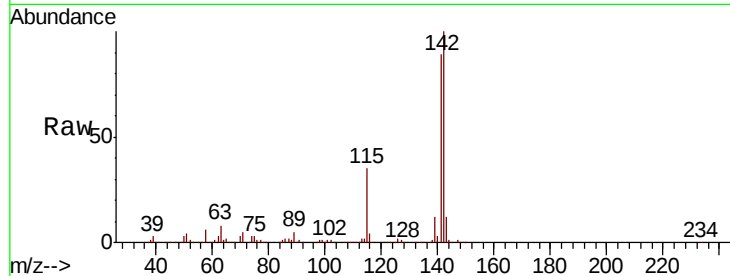
#37
2-Methylnaphthalene
Concen: 39.696 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampled :
PB128092BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9
115	34.8	28.0	42.0

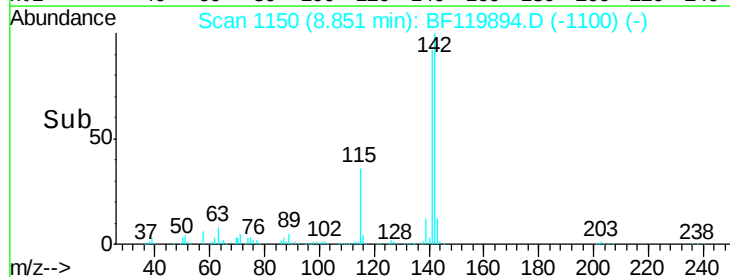
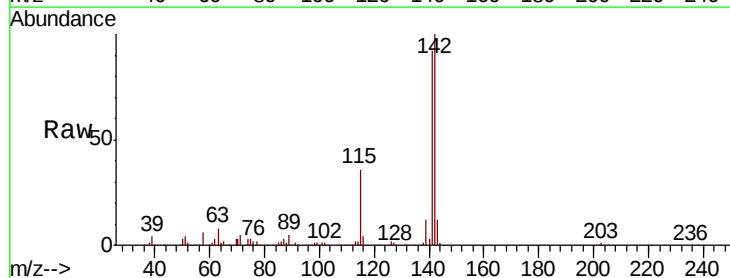
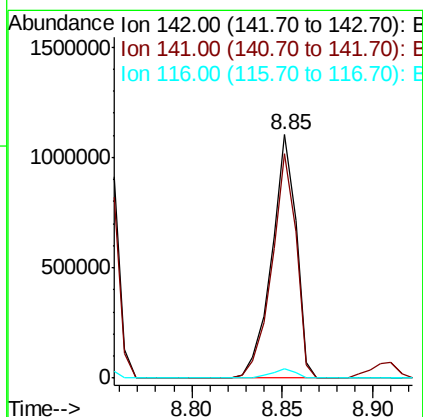
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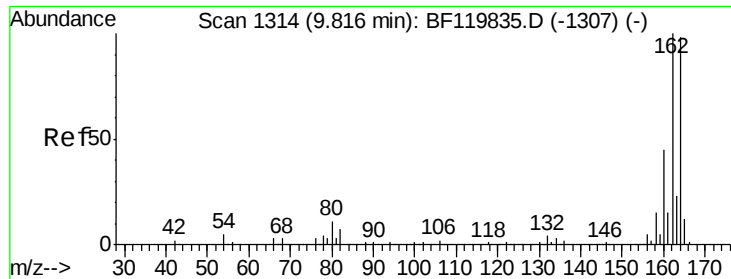
mohammad
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#38
1-Methylnaphthalene
Concen: 39.751 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:164 Resp: 401075

Ion Ratio Lower Upper

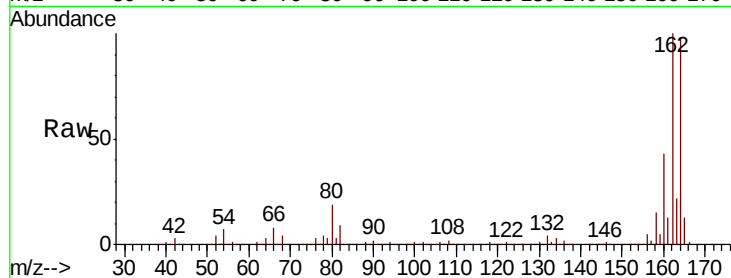
164 100

162 102.1 81.9 122.9

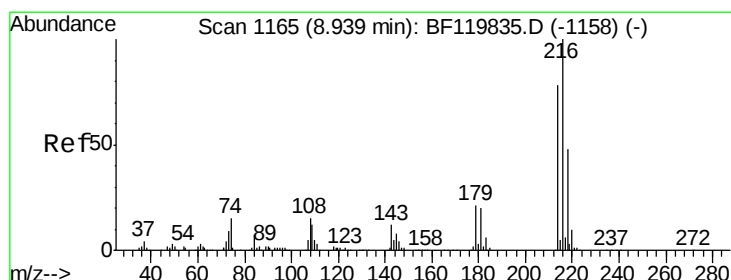
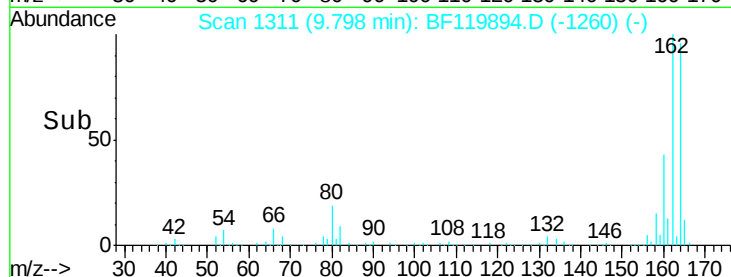
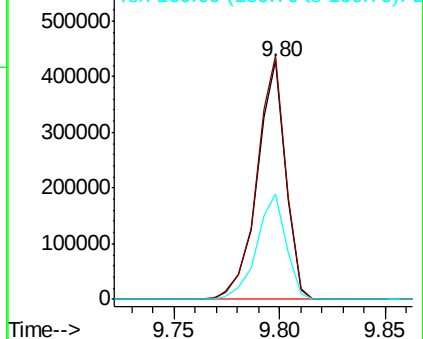
160 44.2 36.6 54.8

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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: 37.645 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:216 Resp: 476878

Ion Ratio Lower Upper

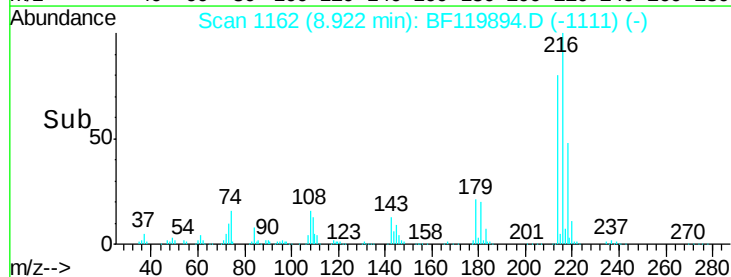
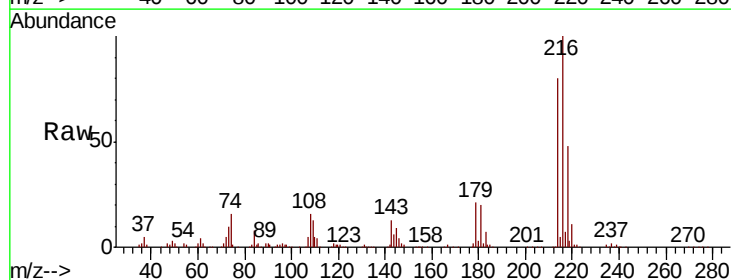
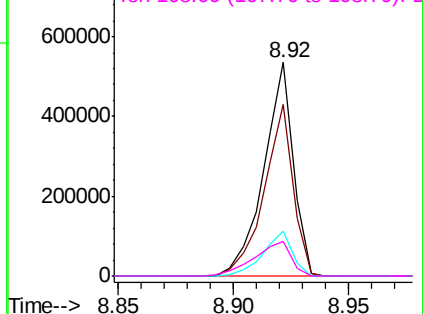
216 100

214 79.0 63.1 94.7

179 21.1 17.0 25.4

108 20.3 14.8 22.2

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





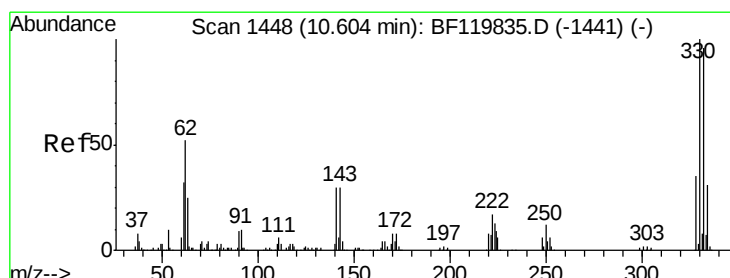
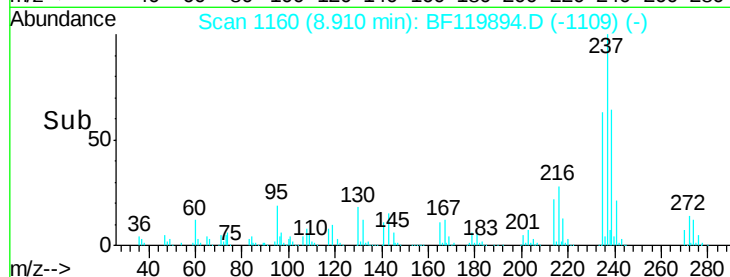
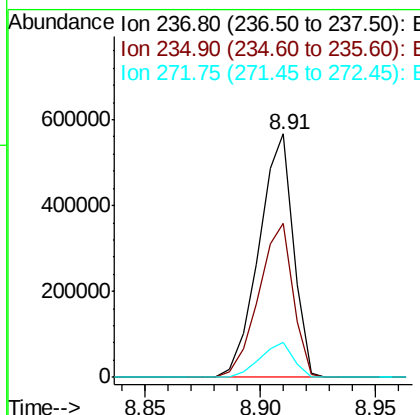
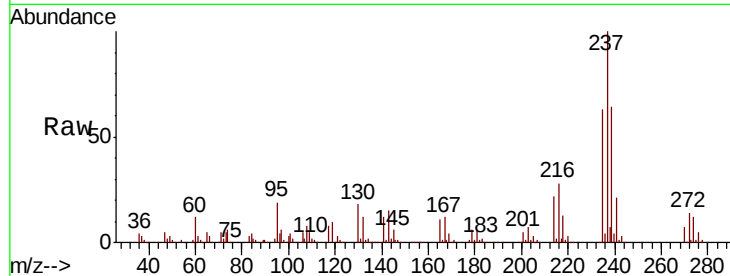
#41
Hexachlorocyclopentadiene
Concen: 81.442 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	44.9	84.9
272	14.2	0.0	33.6

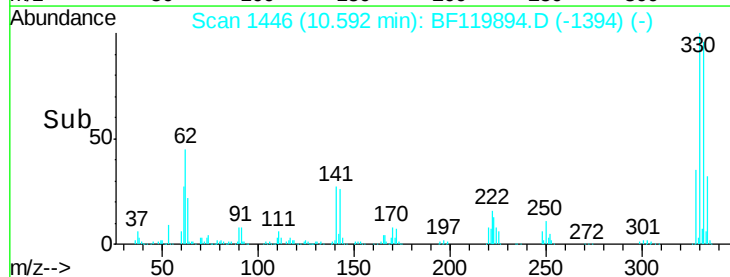
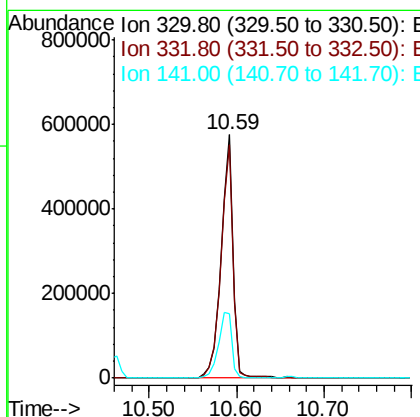
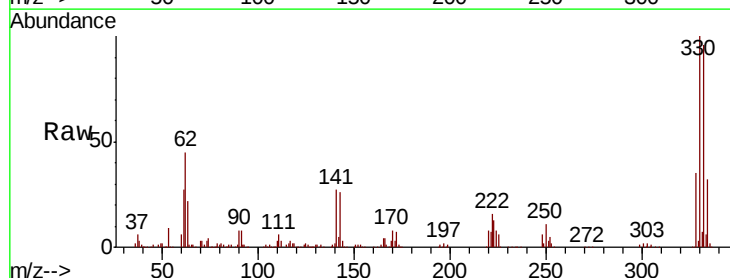
Manual Integrations
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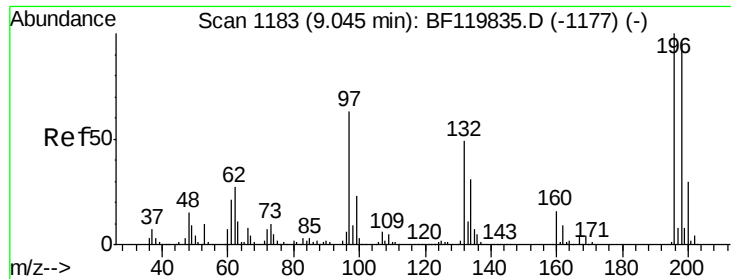
mohammad
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#42
2,4,6-Tribromophenol
Concen: 112.109 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.2	76.8	115.2
141	30.7	25.1	37.7





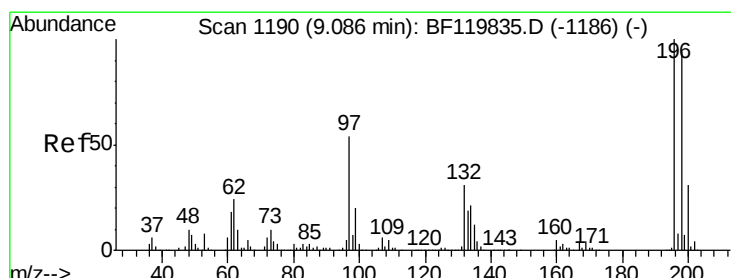
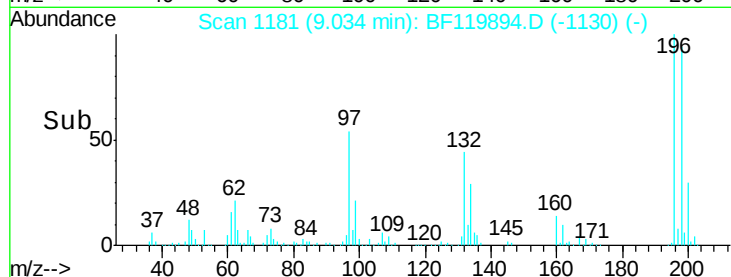
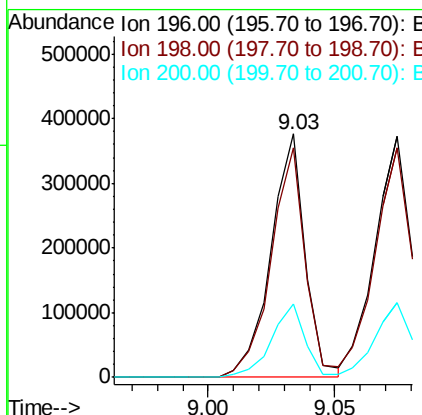
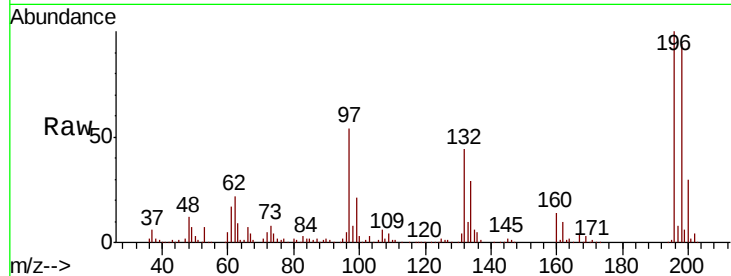
#43
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	355212		
198	94.1	76.6	115.0	
200	30.2	24.2	36.2	

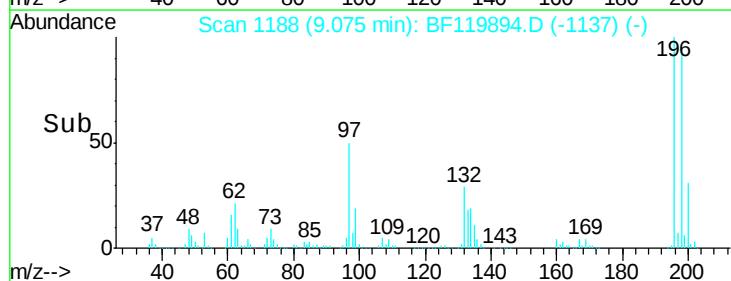
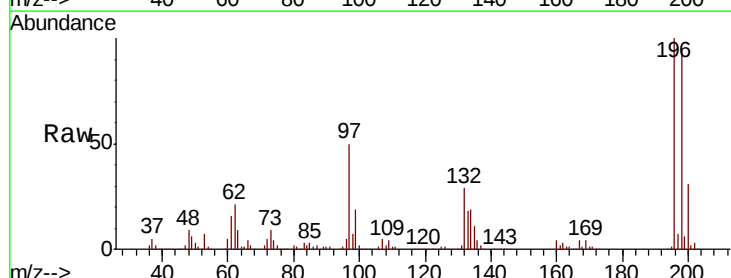
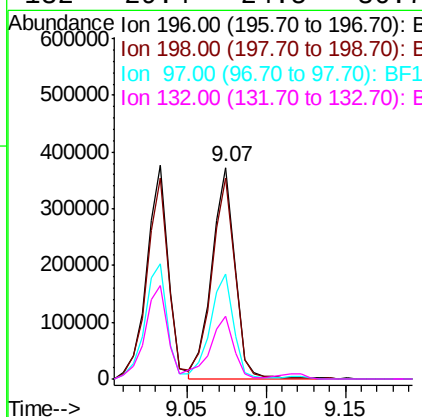
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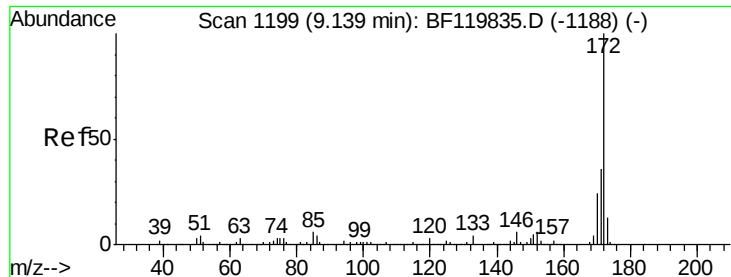
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.405 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378384		
198	95.2	75.1	112.7	
97	49.7	43.4	65.2	
132	29.4	24.5	36.7	





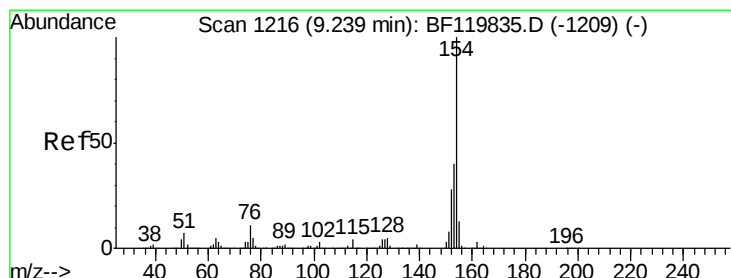
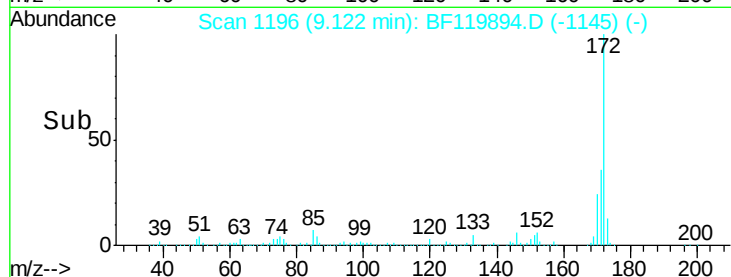
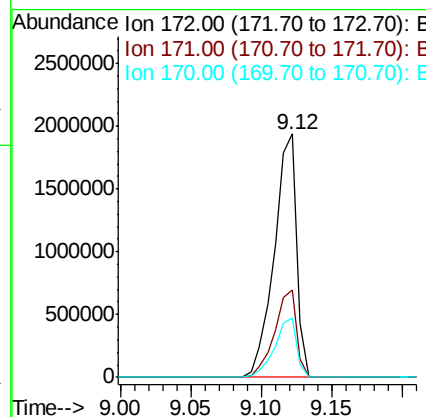
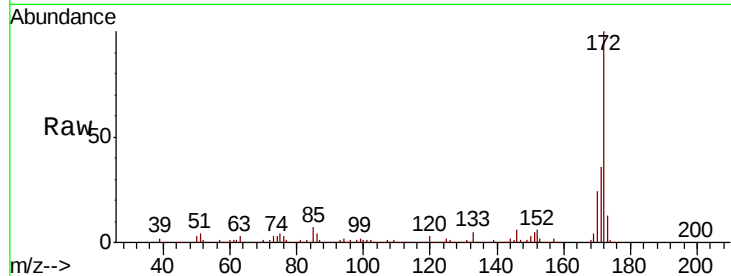
#45
 2-Fluorobiphenyl
 Concen: 76.292 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.4	19.4	29.2

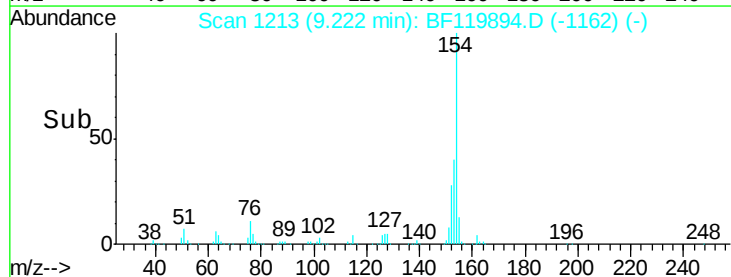
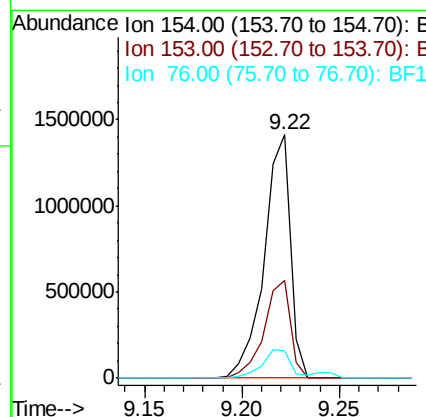
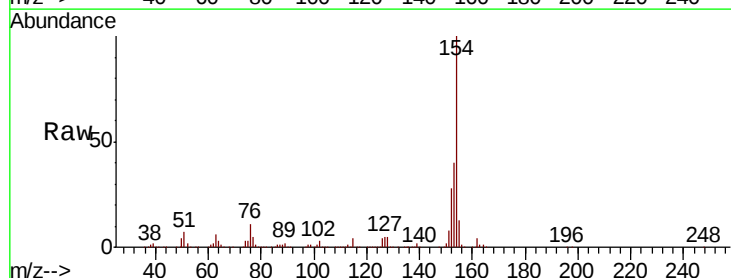
Manual Integrations
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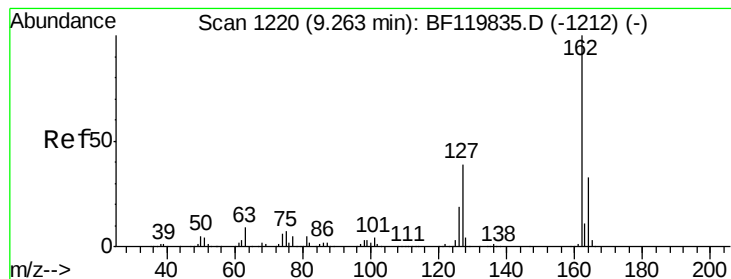
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.959 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	11.3	0.0	30.6





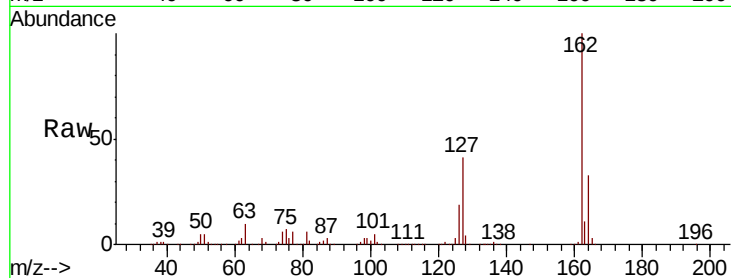
#47
2-Chloronaphthalene
Concen: 39.311 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampled :
PB128092BS

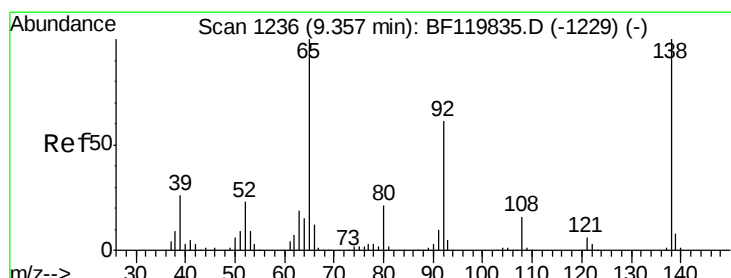
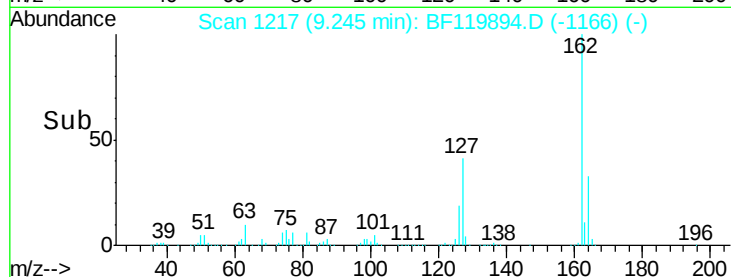
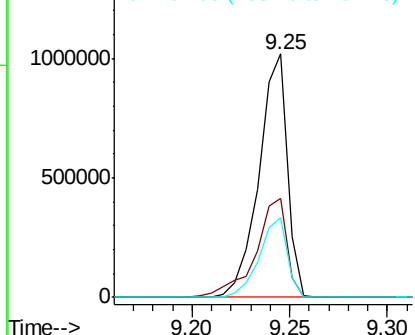
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.2	46.8
164	32.9	26.3	39.5

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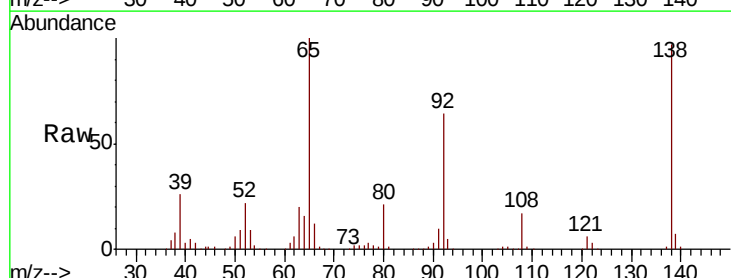


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

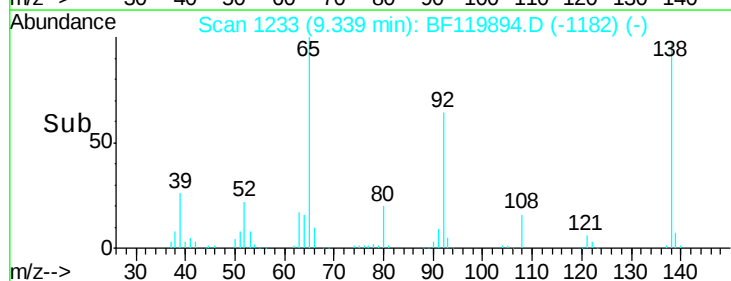
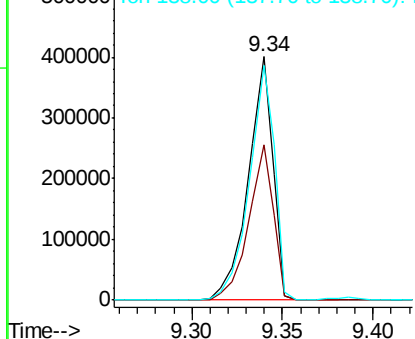


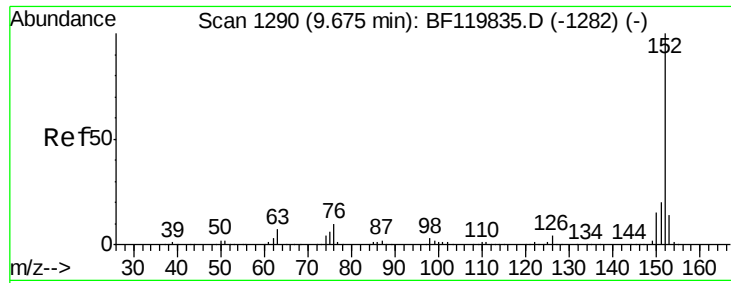
#48
2-Nitroaniline
Concen: 40.032 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	49.0	73.6
138	96.6	79.7	119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.390 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:152 Resp: 1641554

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

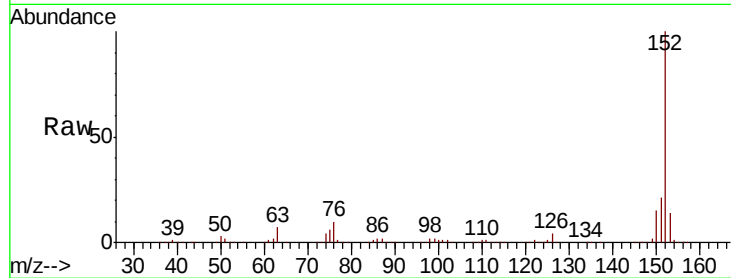
153 13.8 10.9 16.3

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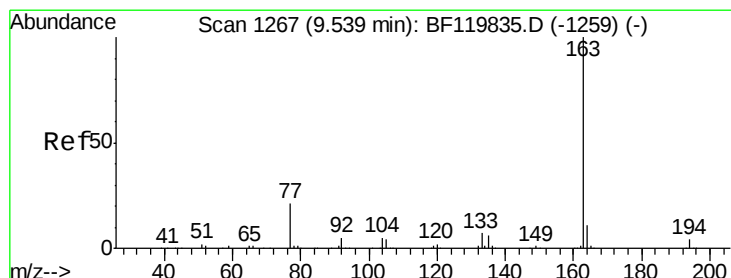
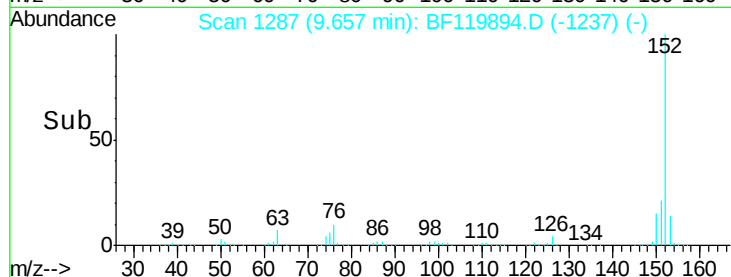
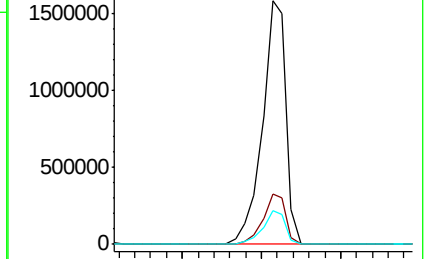
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.616 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

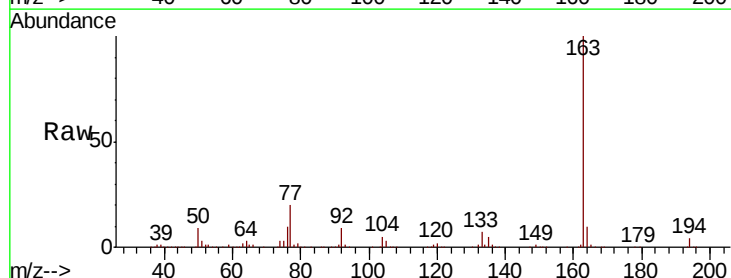
Tgt Ion:163 Resp: 1228997

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

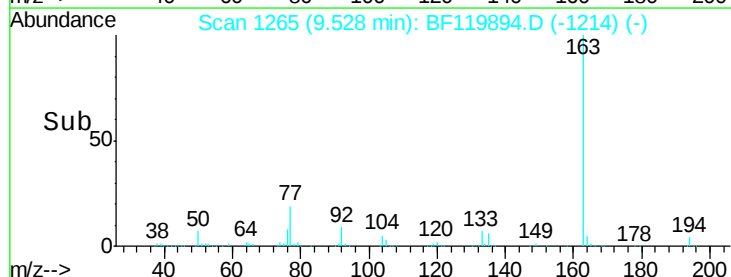
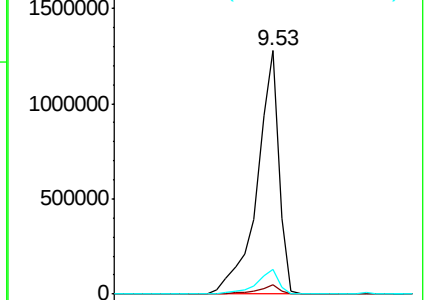
164 10.0 8.4 12.6

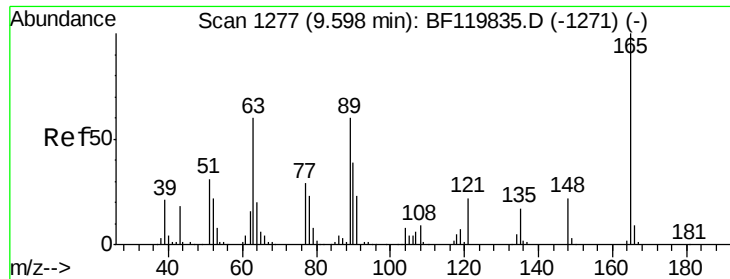


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





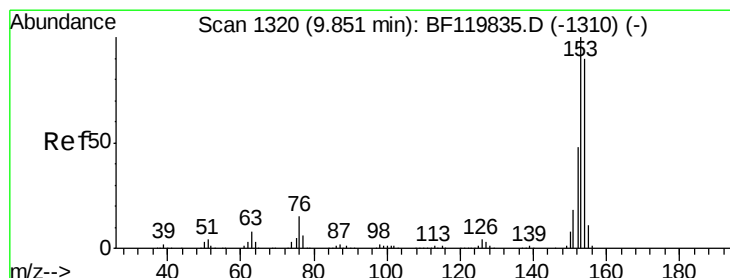
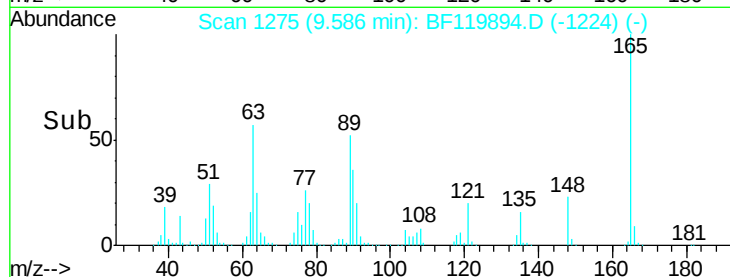
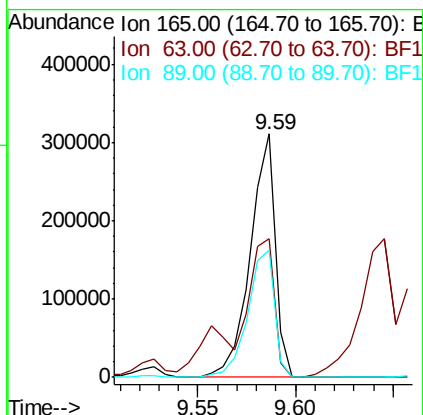
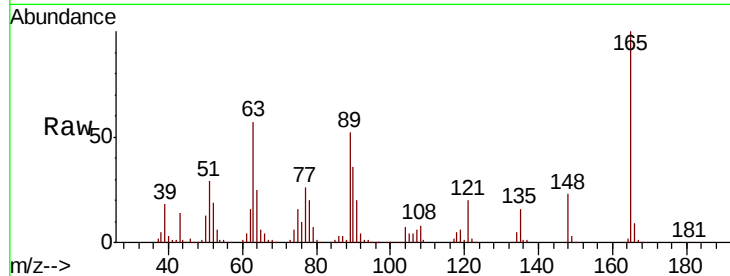
#51
 2,6-Dinitrotoluene
 Concen: 40.787 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampled :
 PB128092BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	277081		
63	57.1		55.6	83.4
89	52.1		47.9	71.9

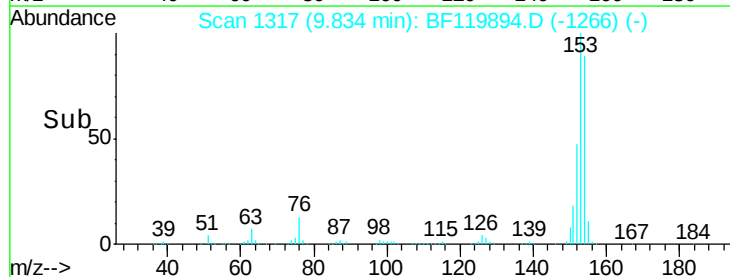
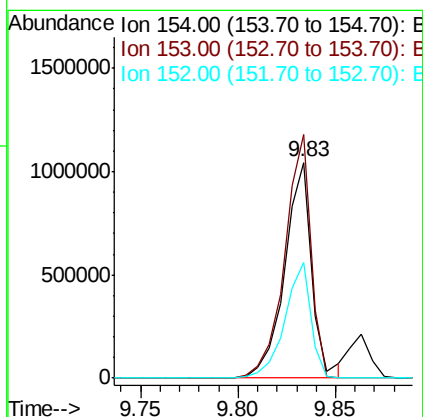
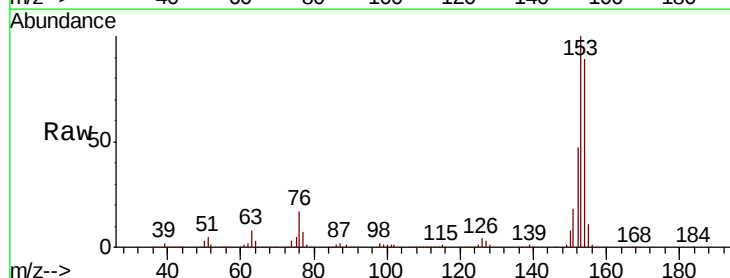
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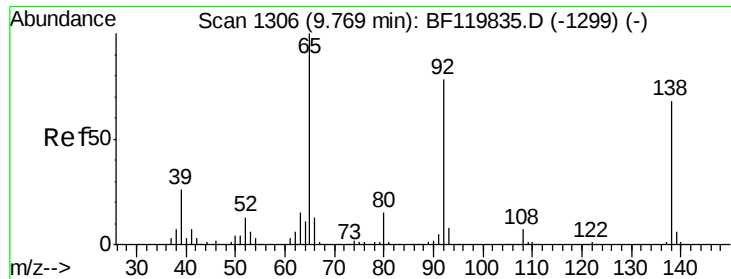
mohammad
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#52
 Acenaphthene
 Concen: 38.093 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1007799		
153	112.9		88.8	133.2
152	53.6		42.4	63.6





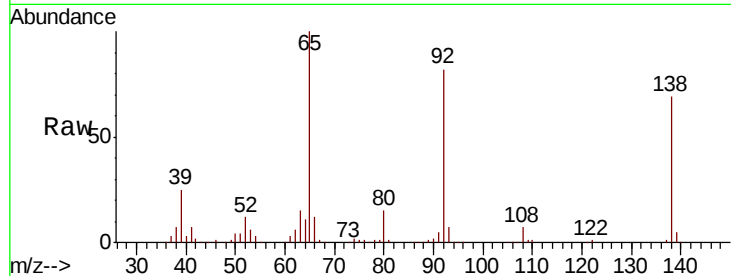
#53
3-Nitroaniline
Concen: 30.365 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.0	12.0
92	118.5	92.1	138.1

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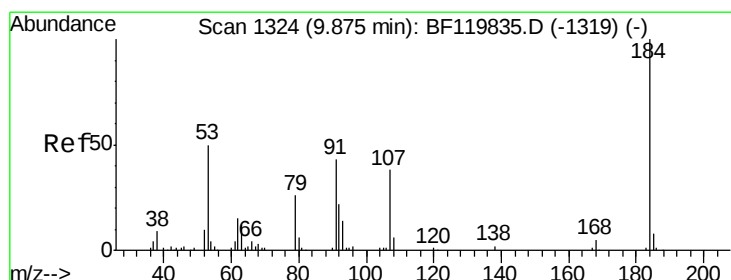
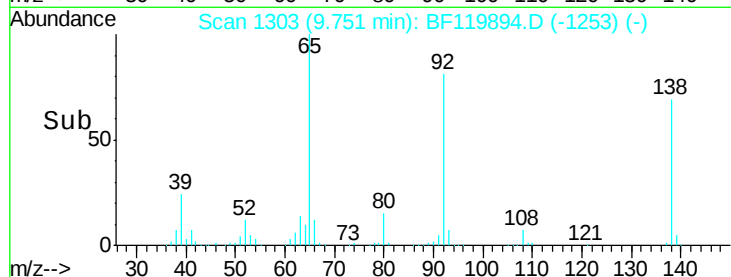
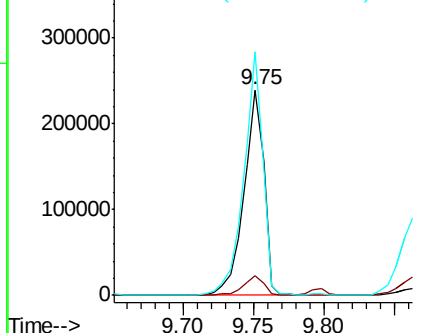


Abundance

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: 87.212 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

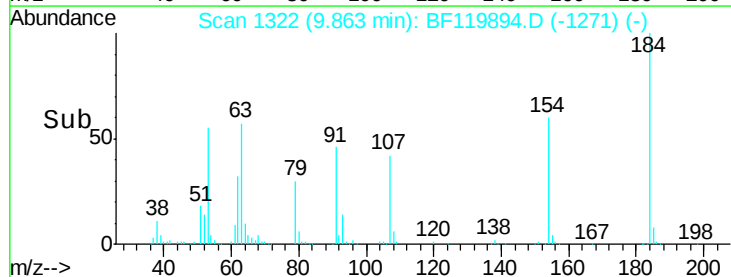
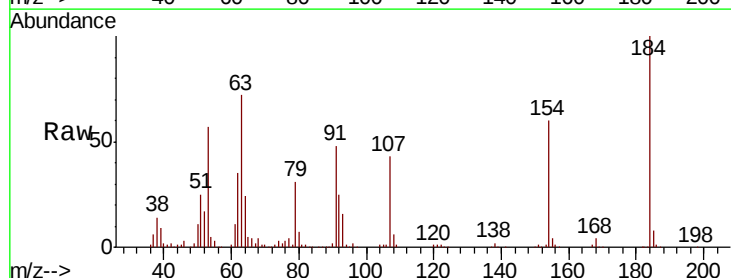
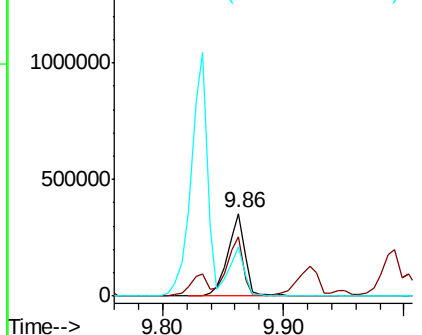
Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	49.8	74.6
154	59.5	46.5	69.7

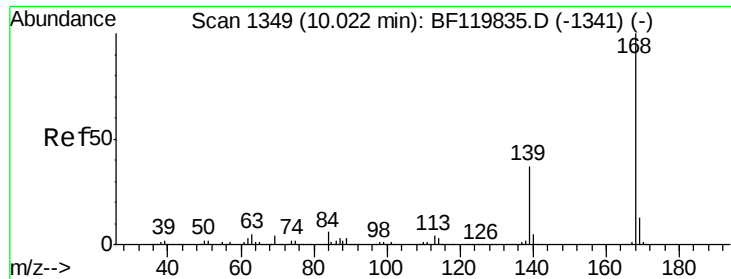
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





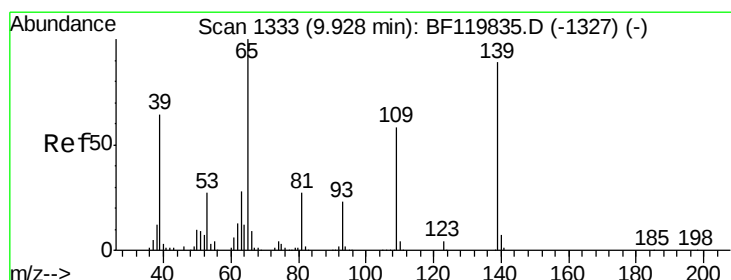
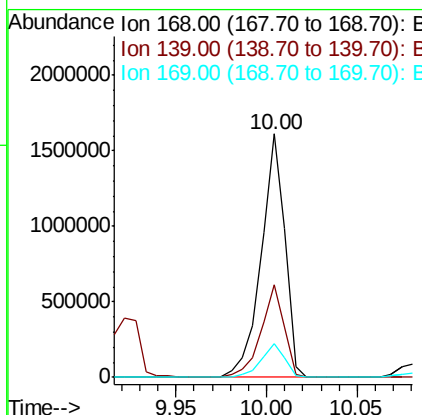
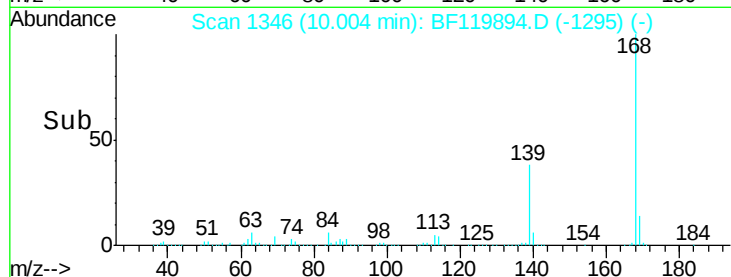
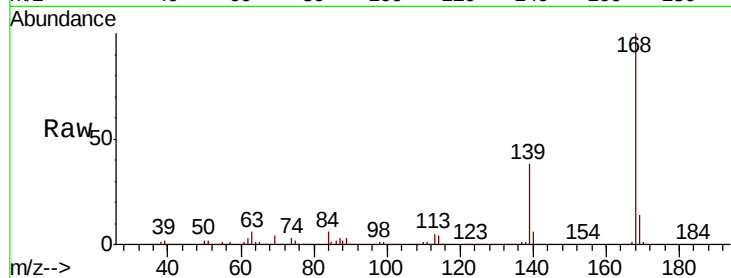
#55
Dibenzofuran
Concen: 40.450 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.8	44.6
169	13.7	10.6	15.8

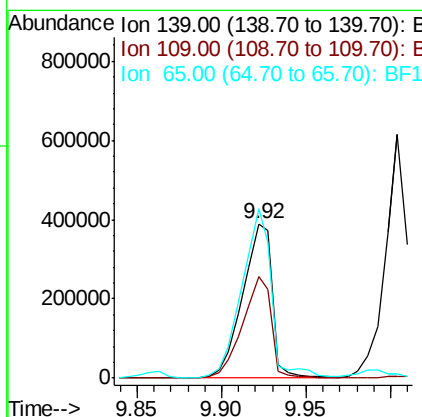
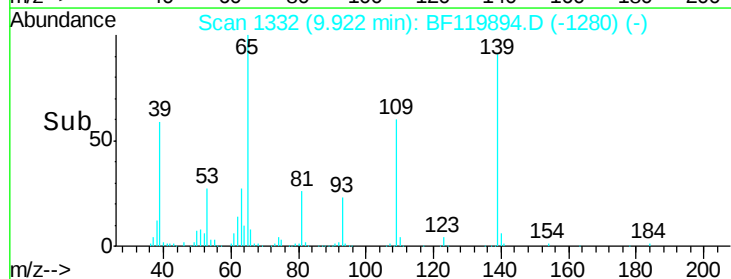
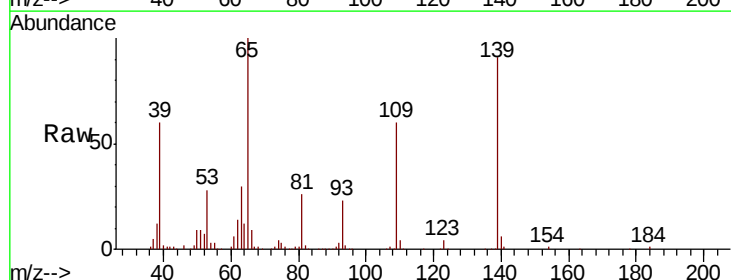
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#56
4-Nitrophenol
Concen: 83.166 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	45.5	85.5
65	110.3	92.3	132.3





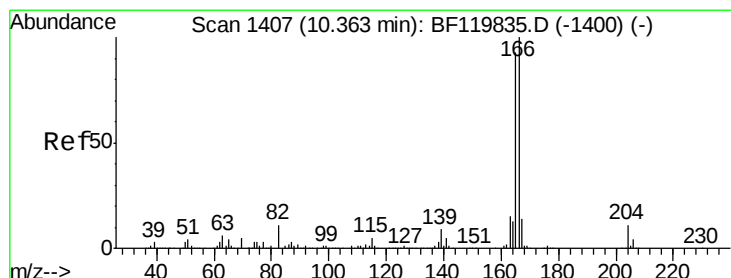
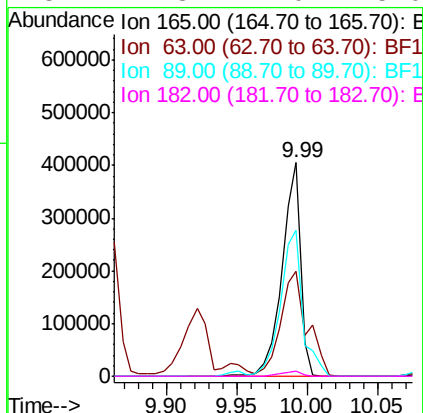
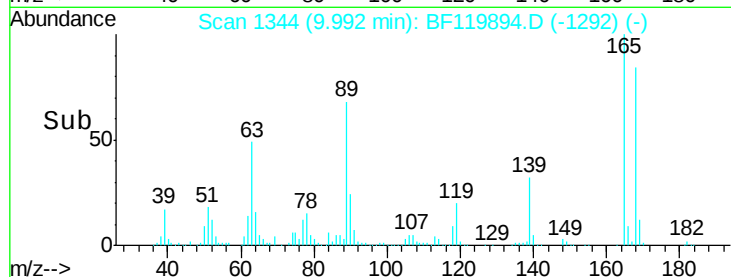
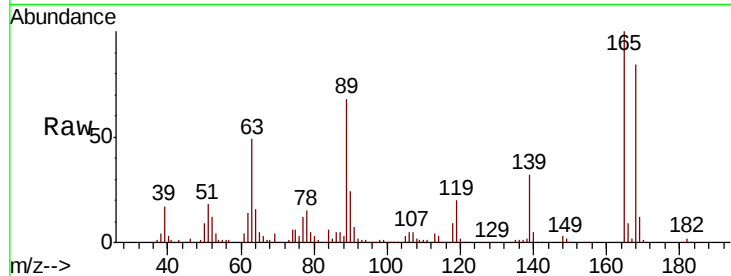
#57
2,4-Dinitrotoluene
Concen: 41.170 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		368487		
63	49.4	40.8	61.2		
89	68.5	56.9	85.3		
182	2.3	2.0	3.0		

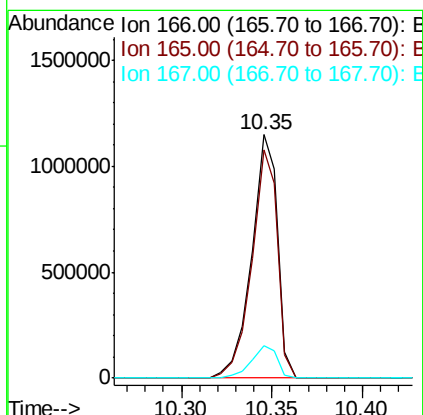
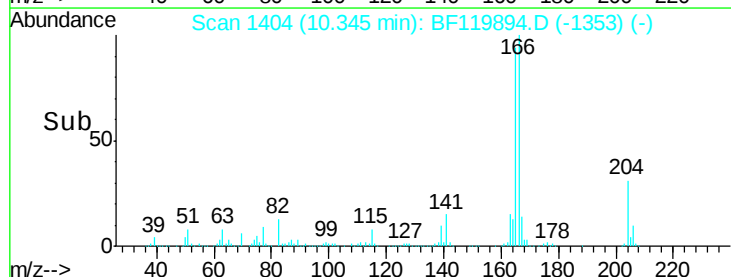
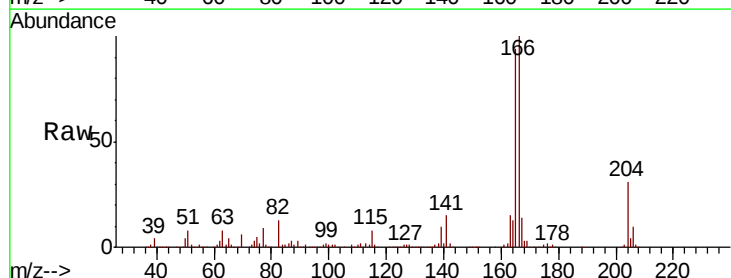
Manual Integrations
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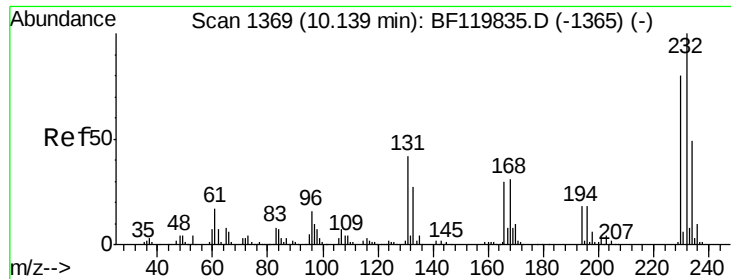
mohammad
4/14/2020 3:39:04 PM



#58
Fluorene
Concen: 39.107 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1135452		
165	93.8	74.2	111.2		
167	13.5	10.8	16.2		





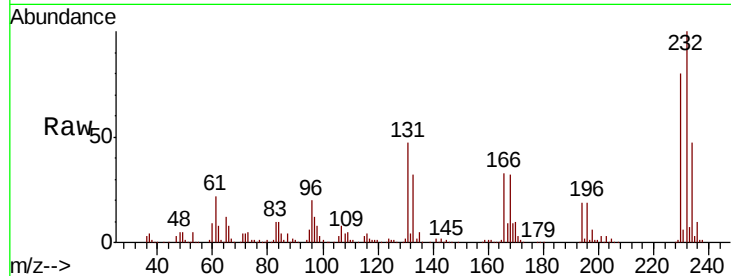
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.070 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

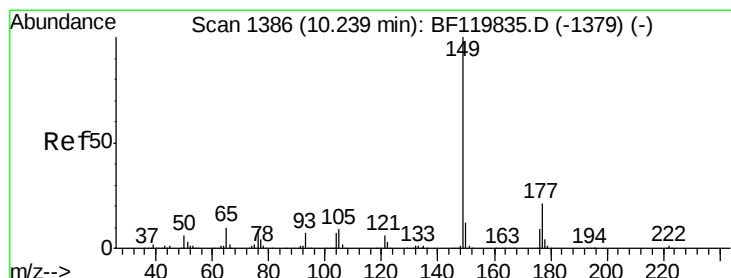
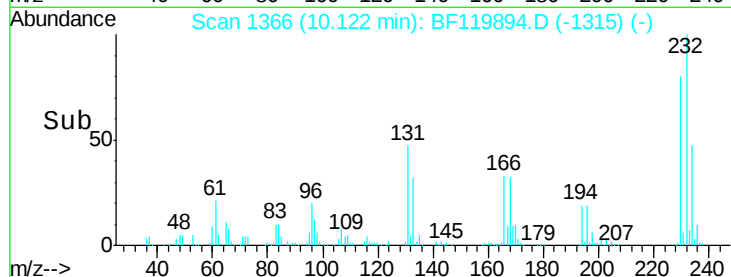
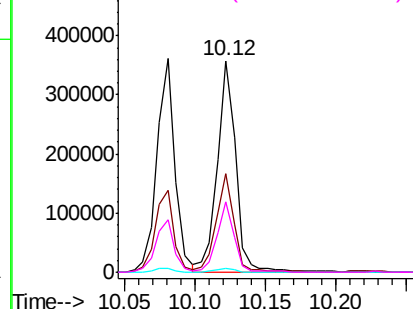
Tot Ion:	232	Resp:	324540
Ion Ratio	Lower	Upper	
232	100		
131	45.4	37.9	56.9
130	2.1	1.8	2.6
166	31.2	25.4	38.0

Manual Integrations
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mohammad
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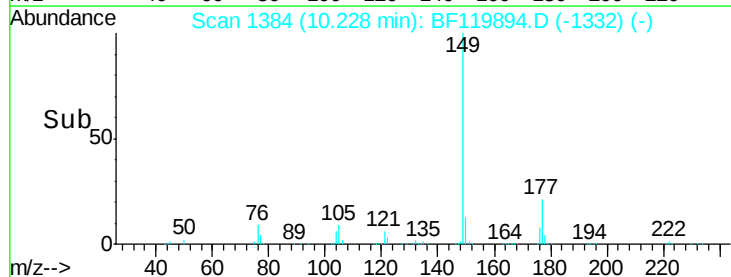
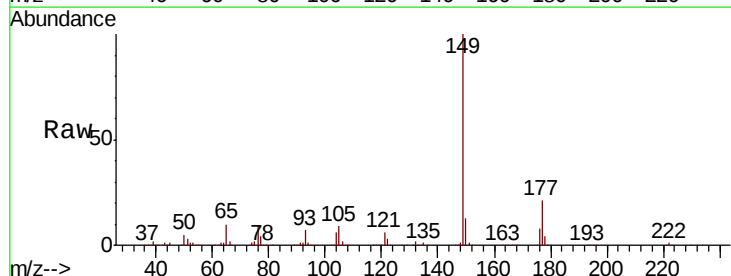
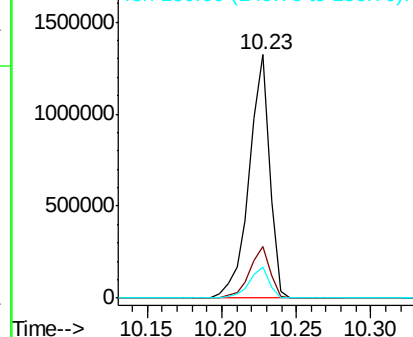
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

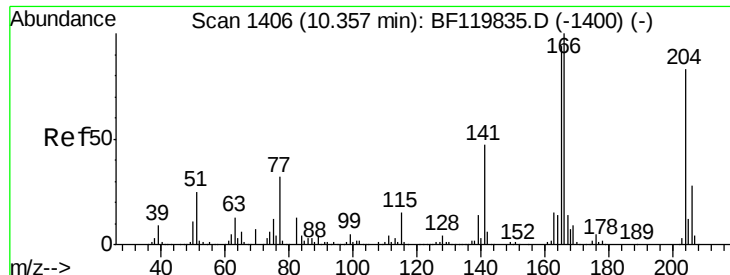


#60
 Diethylphthalate
 Concen: 39.022 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:	149	Resp:	1254675
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.8	25.2
150	12.5	9.8	14.6

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





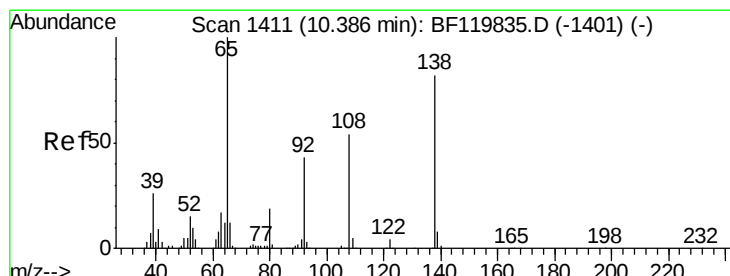
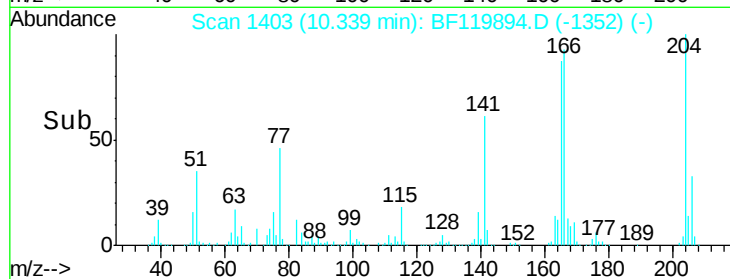
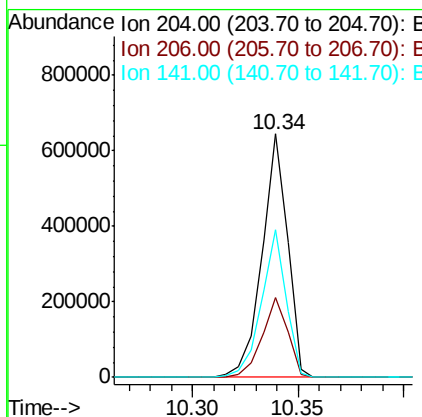
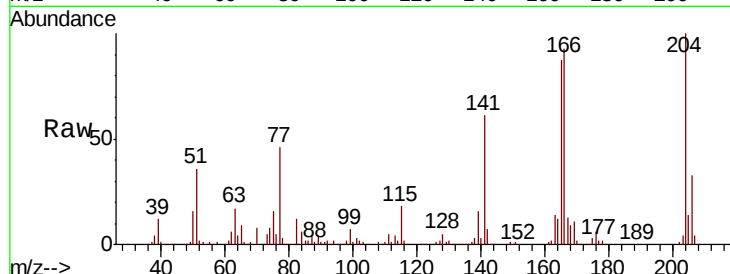
#61
 4-Chlorophenyl-phenylether
 Concen: 36.402 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	60.6	45.8	68.8

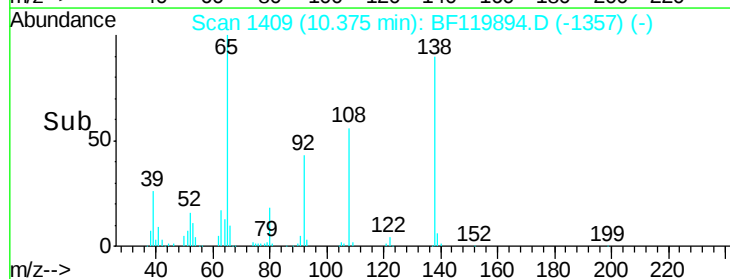
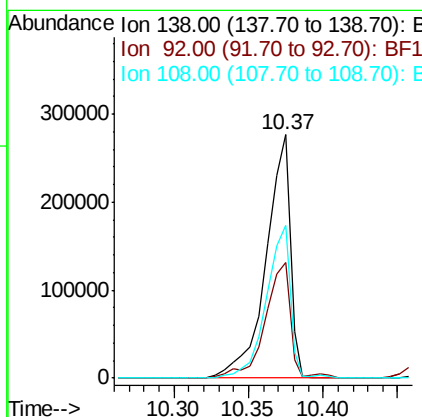
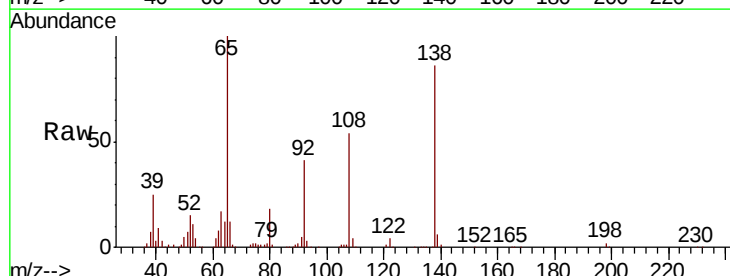
Manual Integrations
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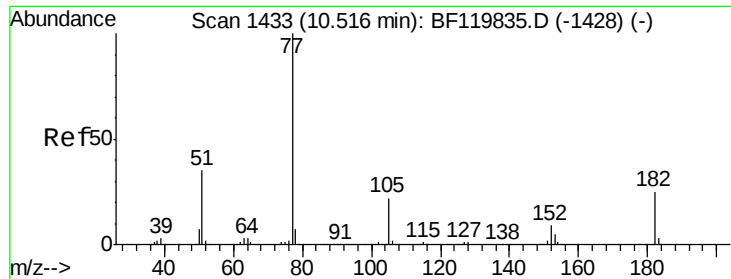
mohammad
 4/14/2020 3:39:04 PM



#62
 4-Nitroaniline
 Concen: 42.053 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.6	71.6
108	63.0	45.2	85.2





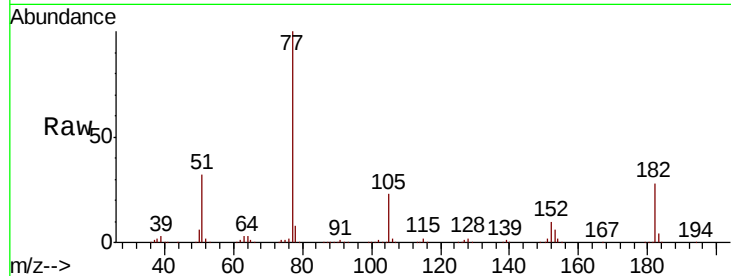
#63
Azobenzene
Concen: 40.729 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	4.5	44.5	
105	23.4	2.2	42.2	
51	32.5	15.1	55.1	

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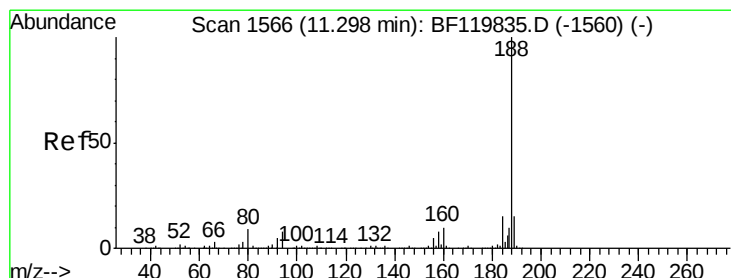
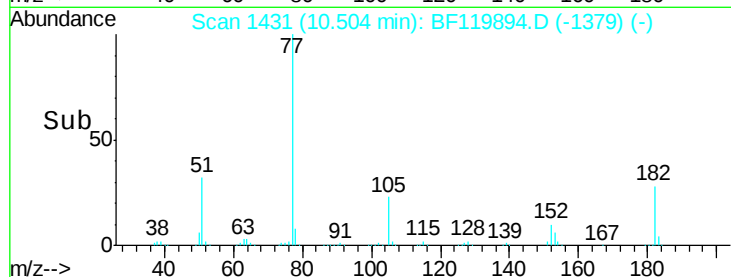
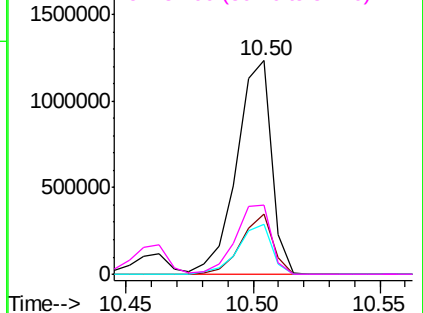
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

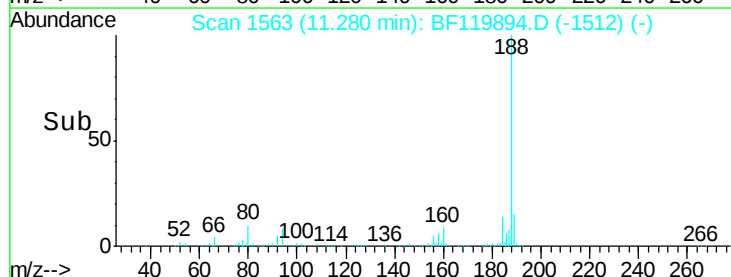
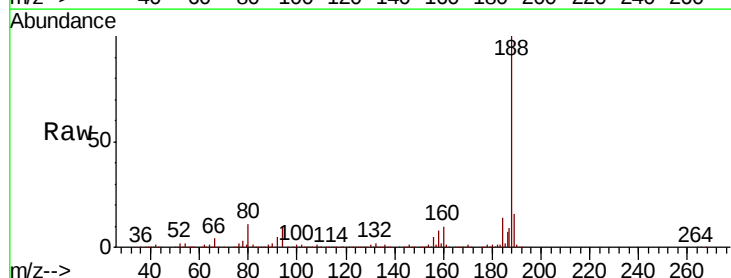
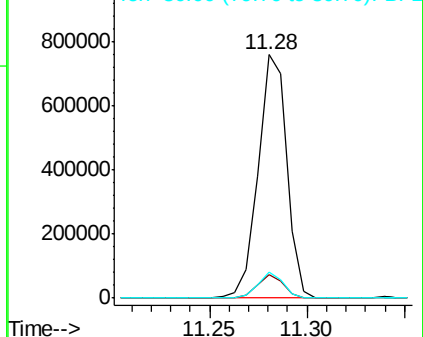
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	6.7	10.1	
80	10.7	7.4	11.2	

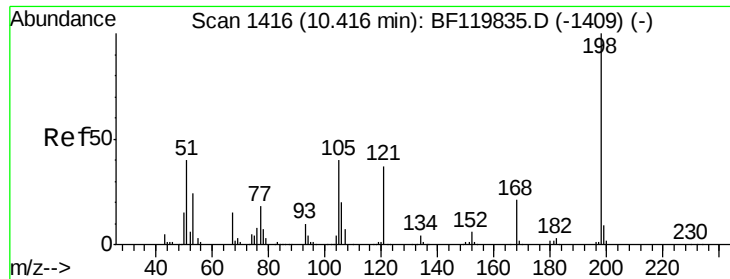
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





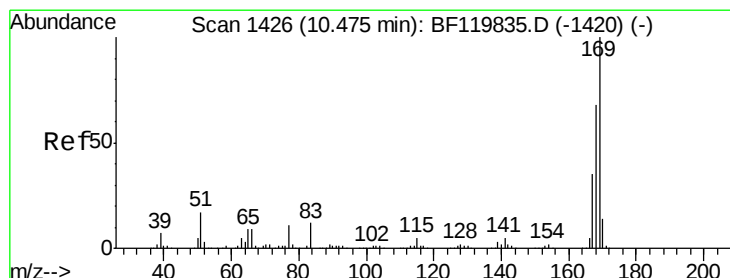
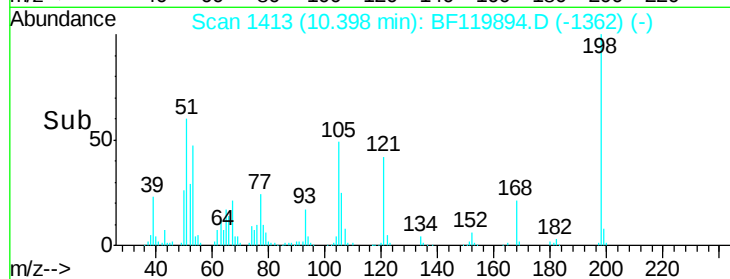
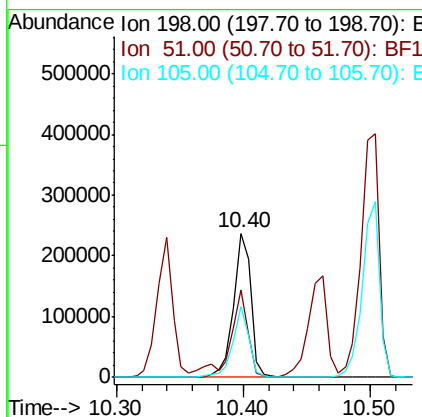
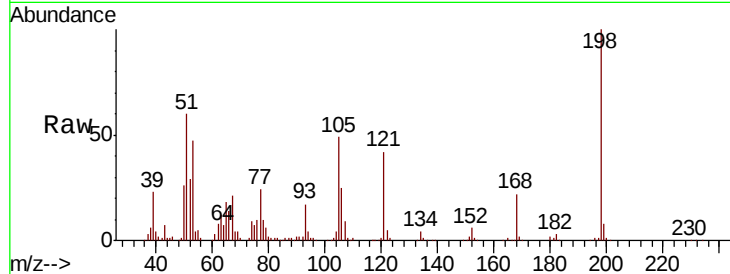
#65
4,6-Dinitro-2-methylphenol
Concen: 44.015 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	223989		
51	60.5	25.2	65.2	
105	49.0	20.8	60.8	

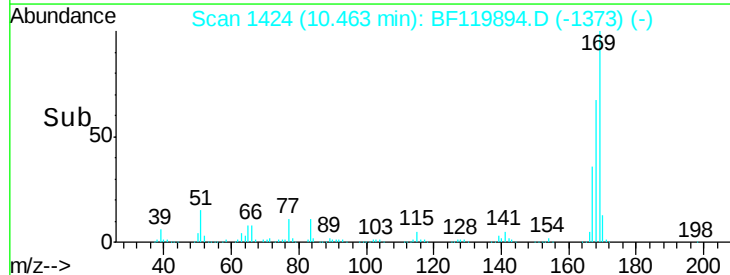
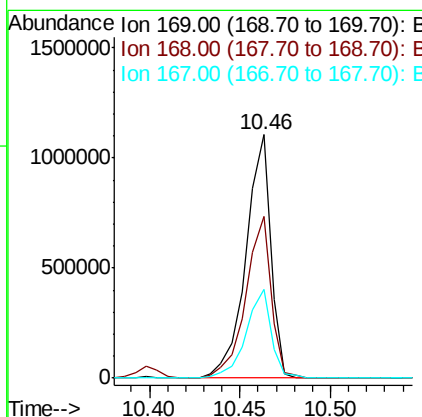
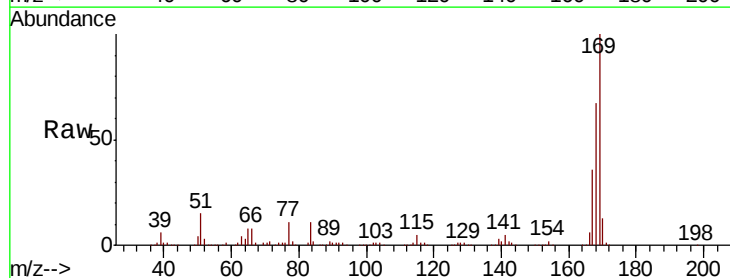
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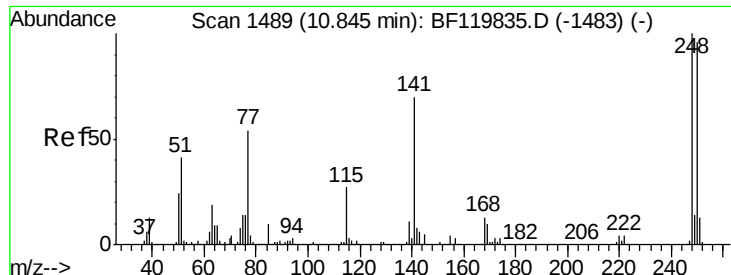
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.113 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1056172		
168	66.6	54.2	81.4	
167	36.3	28.3	42.5	





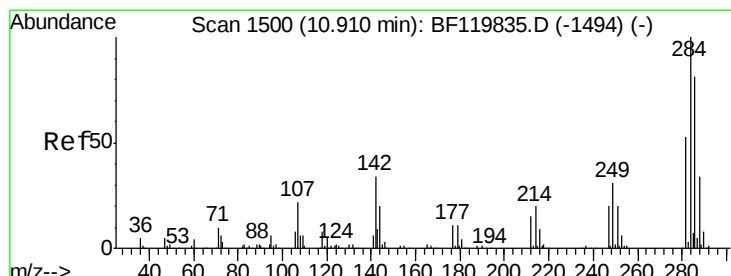
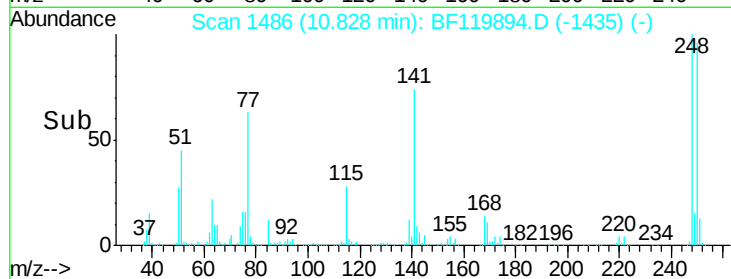
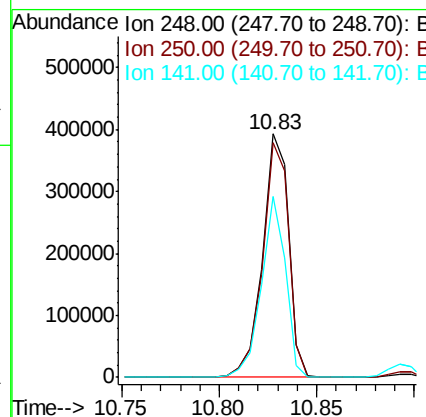
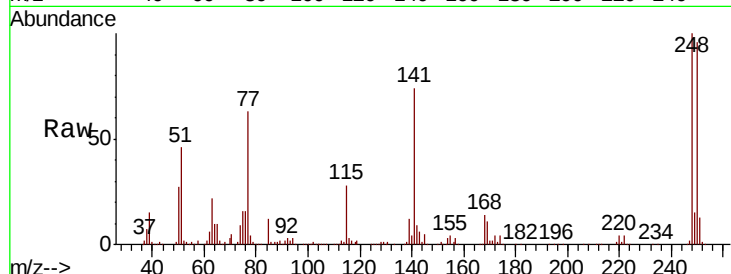
#67
4-Bromophenyl-phenylether
Concen: 37.865 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.6	114.8
141	74.1	55.9	83.9

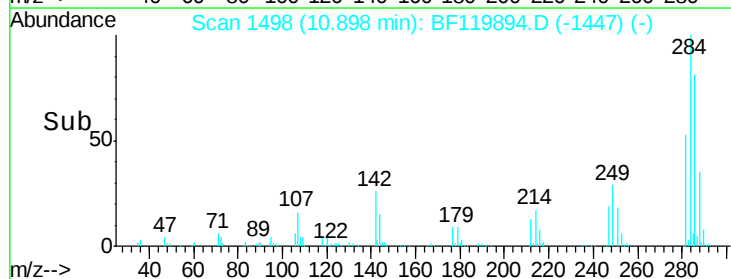
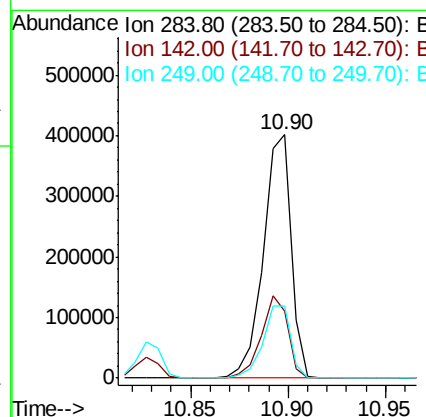
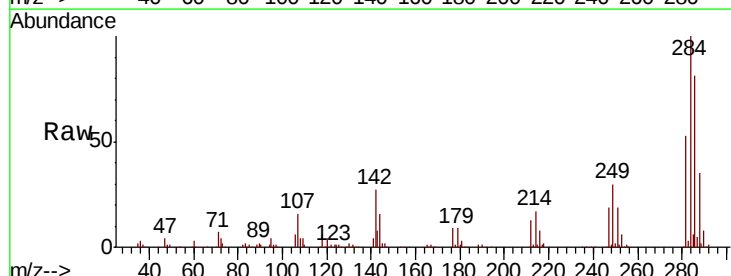
Manual Integrations
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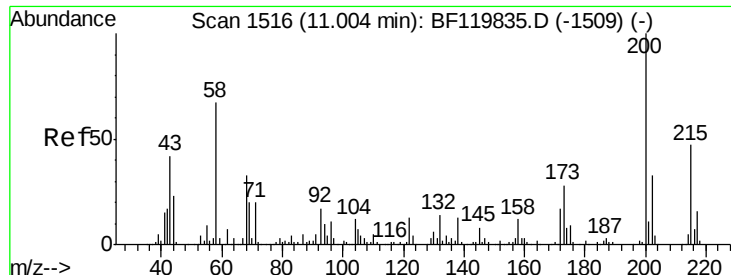
mohammad
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#68
Hexachlorobenzene
Concen: 40.707 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	26.9	40.3
249	29.5	24.6	37.0





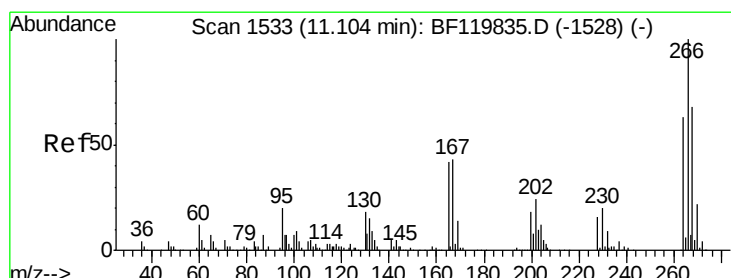
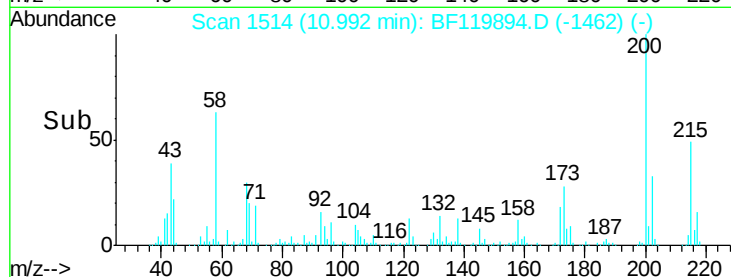
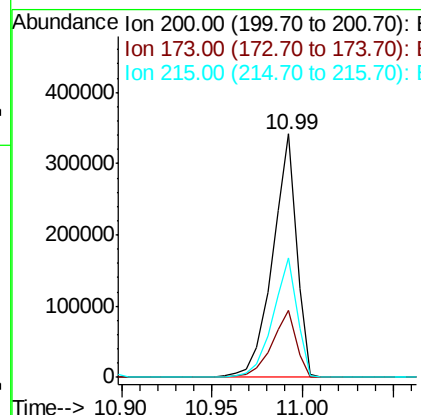
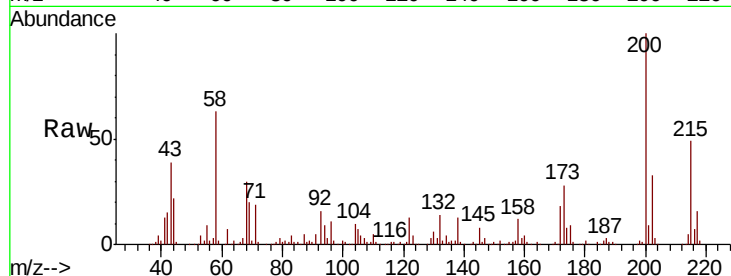
#69
Atrazine
Concen: 43.806 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	8.0	48.0
215	48.8	27.1	67.1

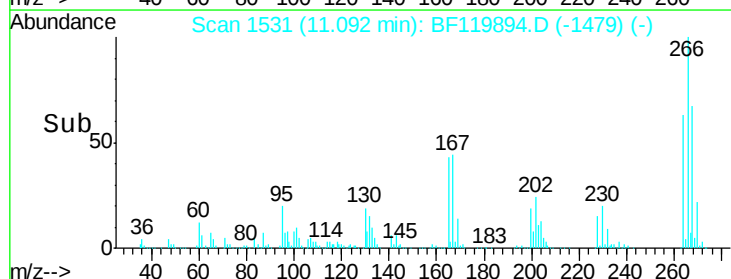
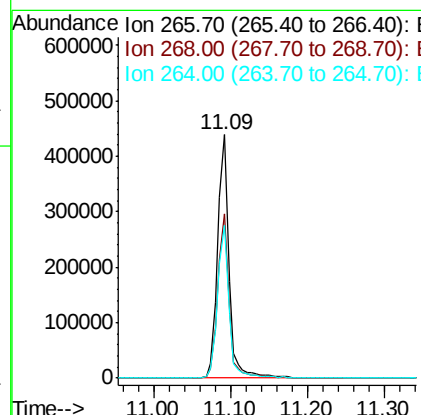
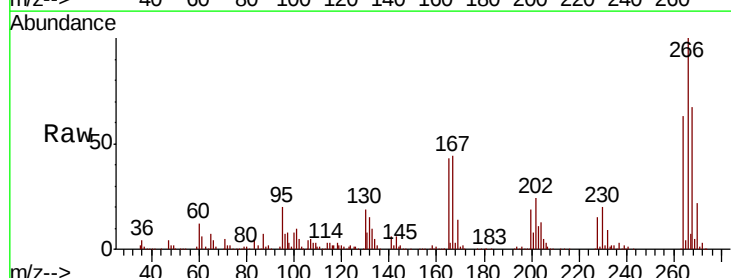
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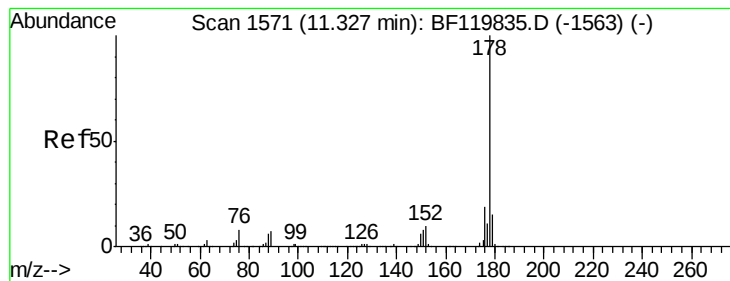
mohammad
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#70
Pentachlorophenol
Concen: 79.310 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.3	54.2	81.4
264	62.7	50.6	76.0





#71

Phenanthrene

Concen: 40.321 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:178 Resp: 1657641

Ion Ratio Lower Upper

178 100

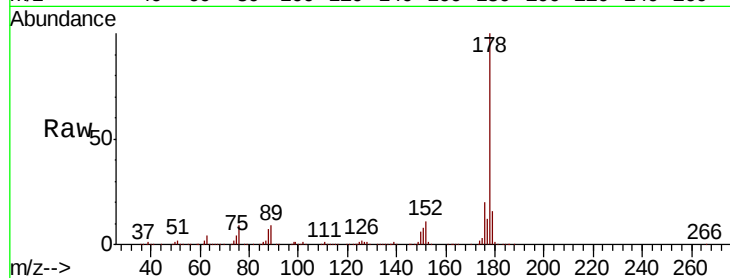
176 19.6 15.1 22.7

179 16.0 12.2 18.4

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

1000000

500000

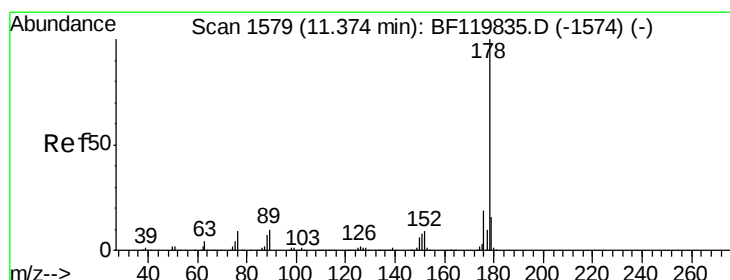
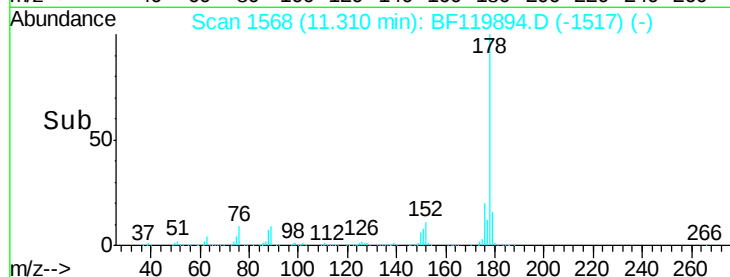
0

11.25

11.30

11.31

Time-->



#72

Anthracene

Concen: 40.919 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

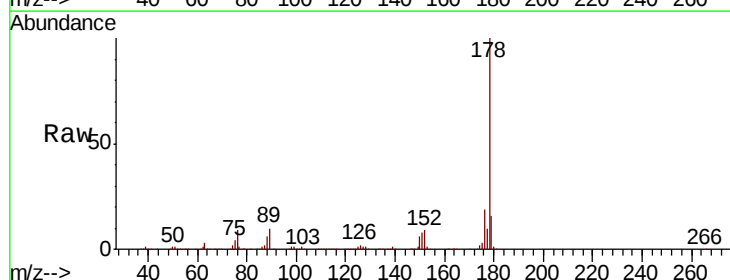
Tgt Ion:178 Resp: 1718488

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

1000000

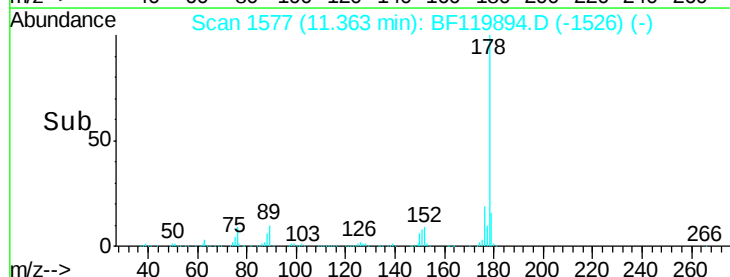
500000

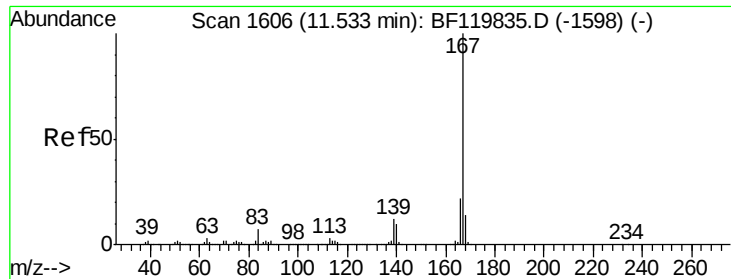
0

11.30

11.36

Time-->





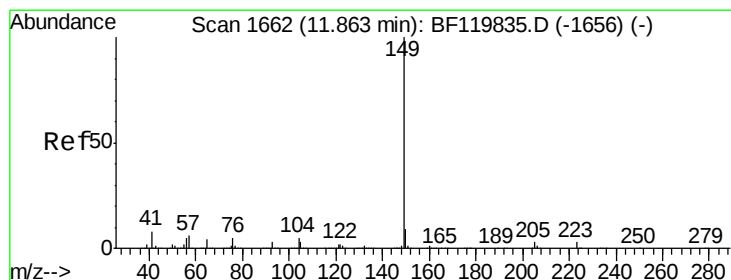
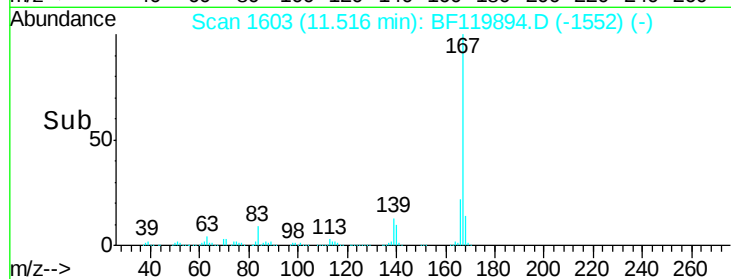
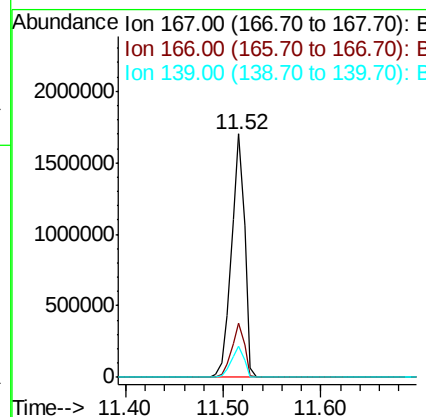
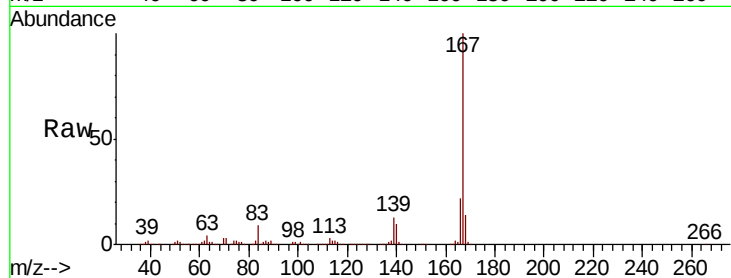
#73
 Carbazole
 Concen: 40.197 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.0	9.8	14.8

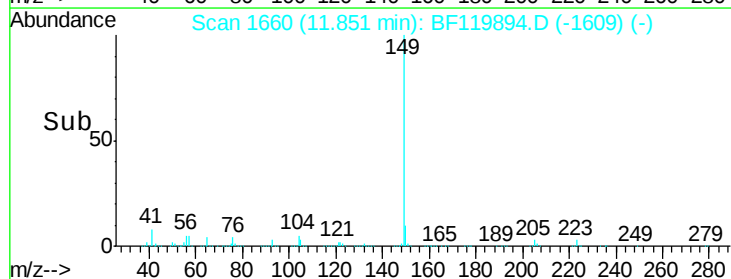
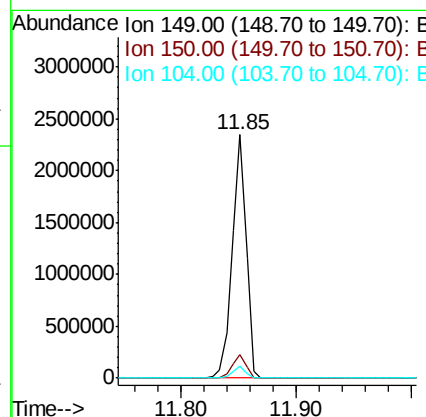
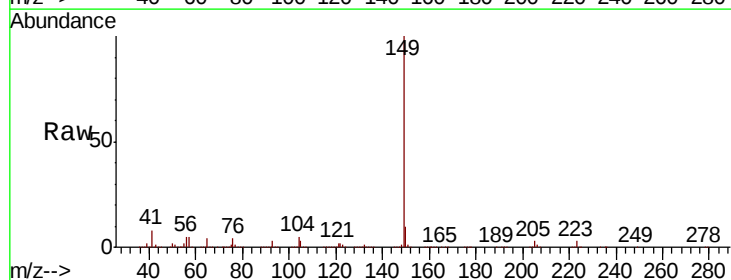
Manual Integrations
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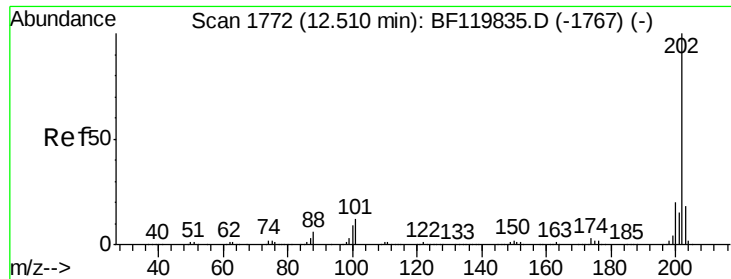
mohammad
 4/14/2020 3:39:04 PM



#74
 Di-n-butylphthalate
 Concen: 37.414 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.7	3.8	5.6





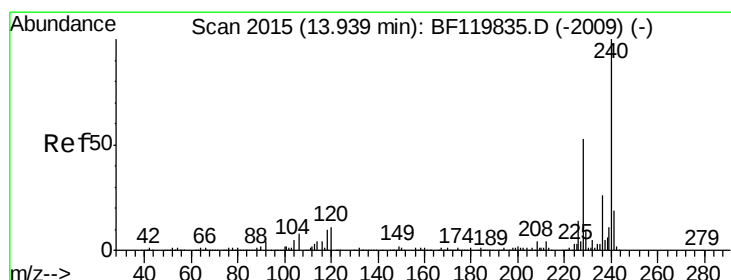
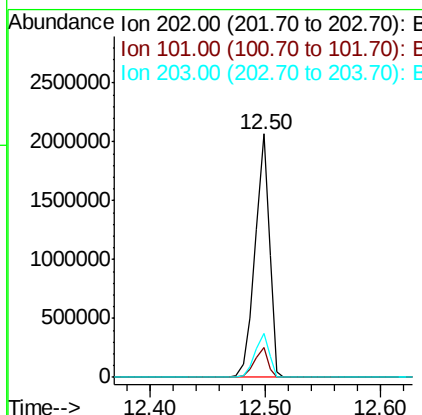
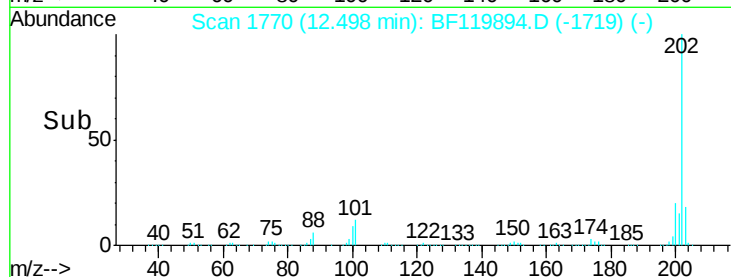
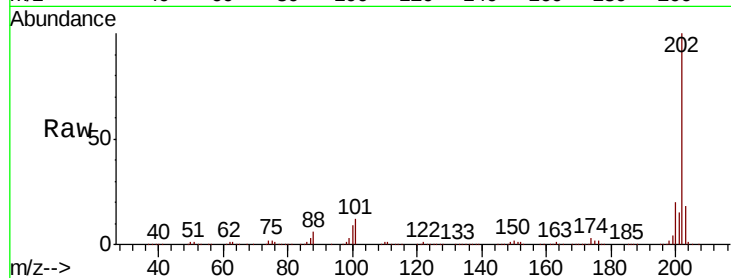
#75
Fluoranthene
Concen: 40.298 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.3
203	17.9	0.0	37.6

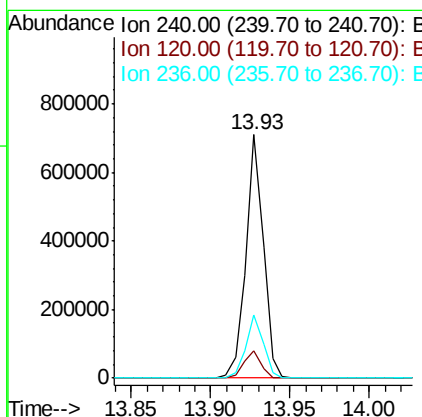
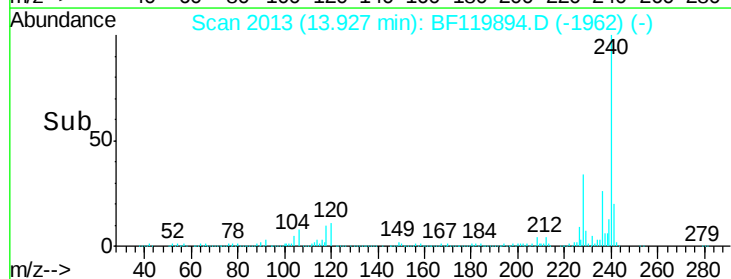
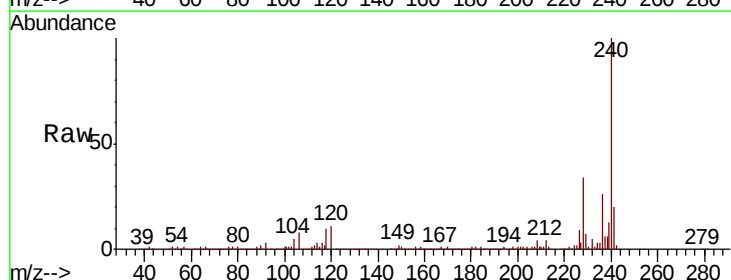
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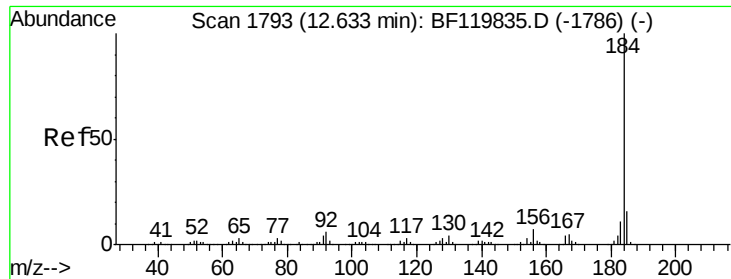
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.8	20.7	31.1





#77

Benzidine

Concen: 51.787 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

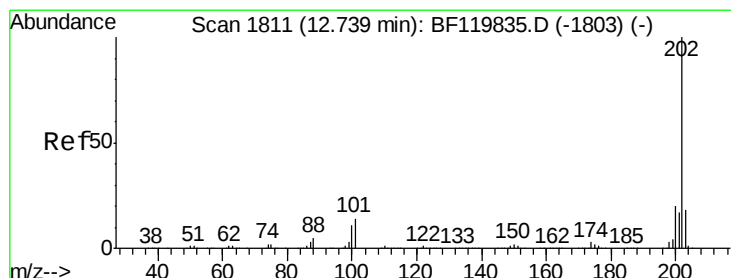
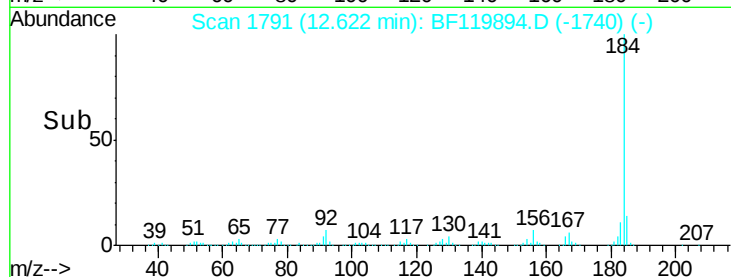
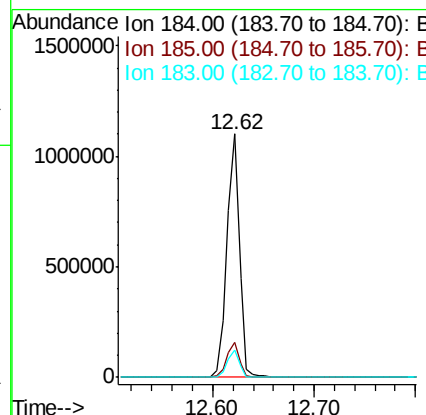
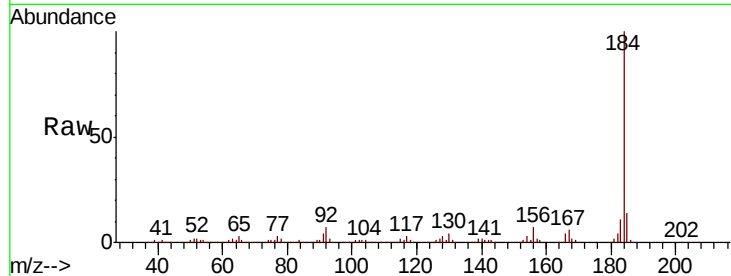
ClientSampleId :

PB128092BS

Tot Ion:	184	Resp:	946862
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.2	19.8
183	11.1	9.1	13.7

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#78

Pyrene

Concen: 39.941 ng

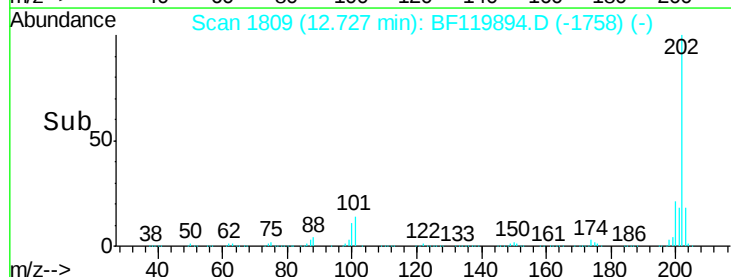
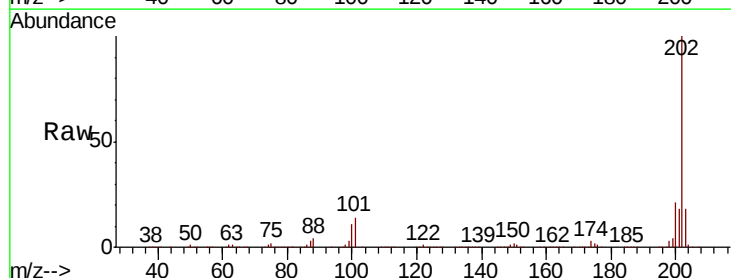
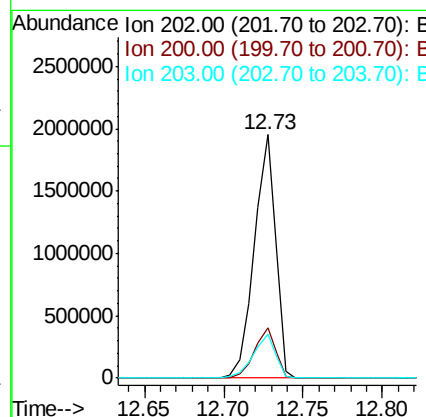
RT: 12.73 min Scan# 1809

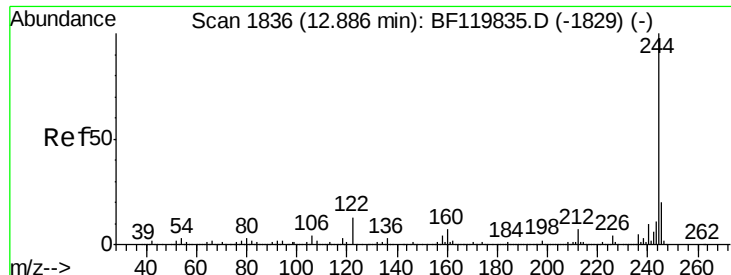
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:	202	Resp:	1821245
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.2	24.2
203	18.2	14.1	21.1





#79

Terphenyl-d14

Concen: 77.501 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:244 Resp: 2491313

Ion Ratio Lower Upper

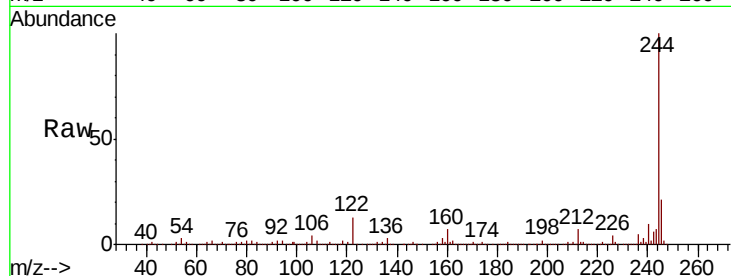
244 100

212 6.7 5.4 8.0

122 12.8 10.3 15.5

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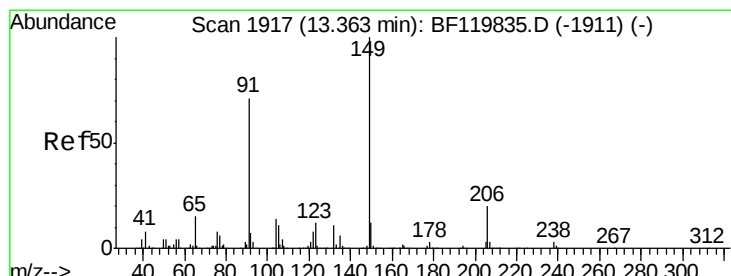
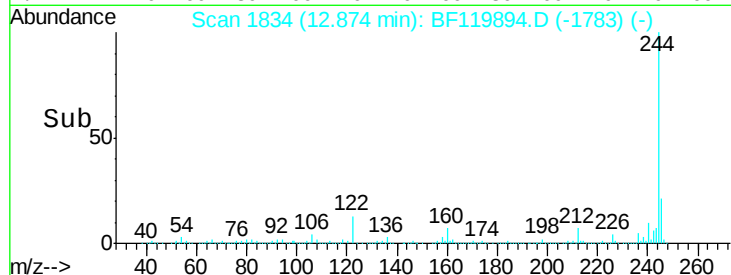
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.87

Time-->



#80

Butylbenzylphthalate

Concen: 36.579 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

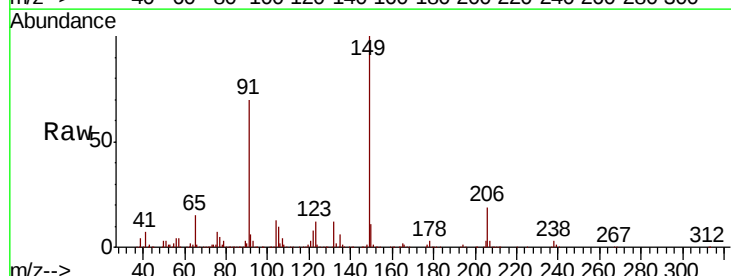
Tgt Ion:149 Resp: 809357

Ion Ratio Lower Upper

149 100

91 69.9 56.7 85.1

206 19.4 15.7 23.5



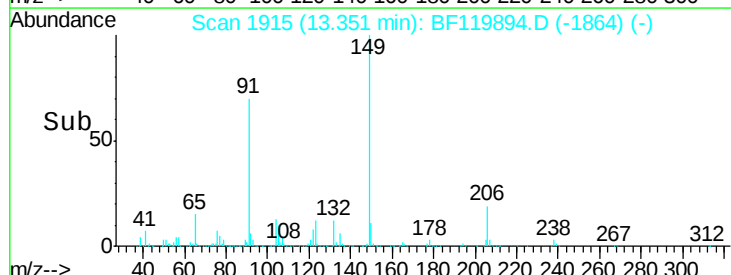
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.35

Time-->





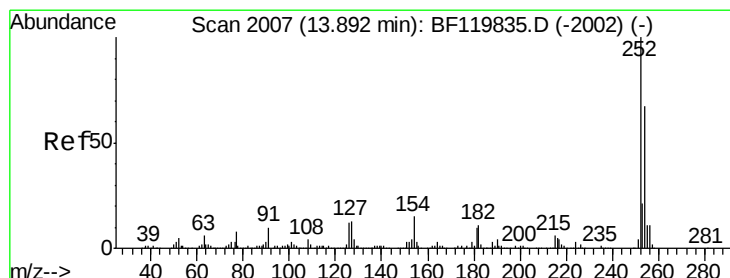
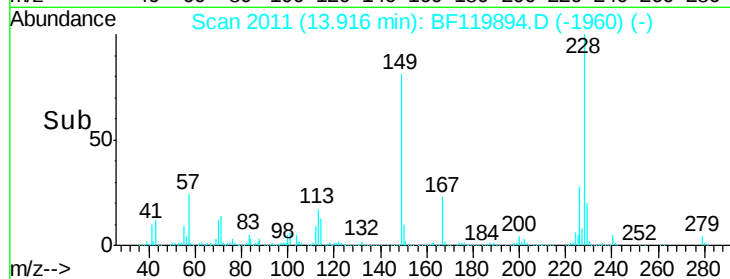
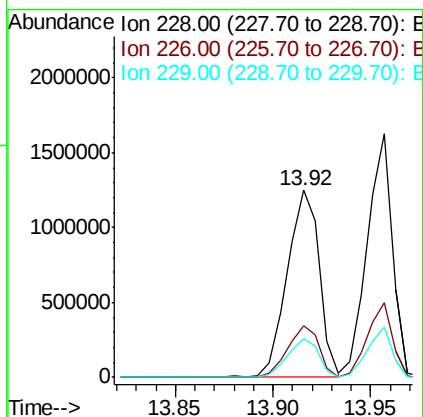
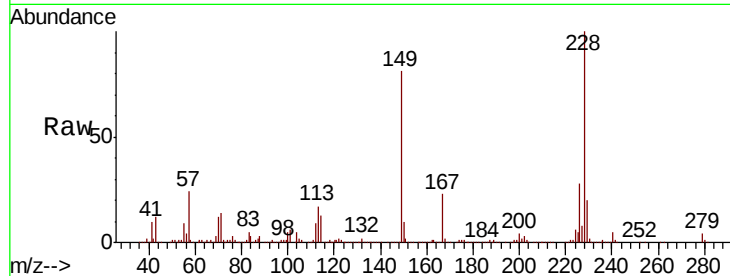
#81
Benzo(a)anthracene
Concen: 39.672 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion:228 Resp: 1411664
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.5 15.9 23.9

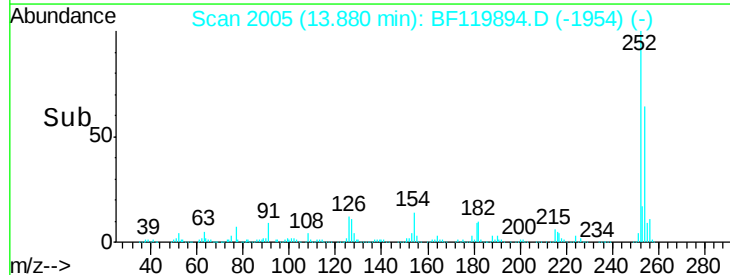
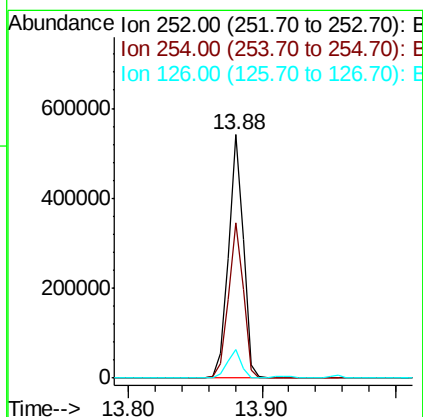
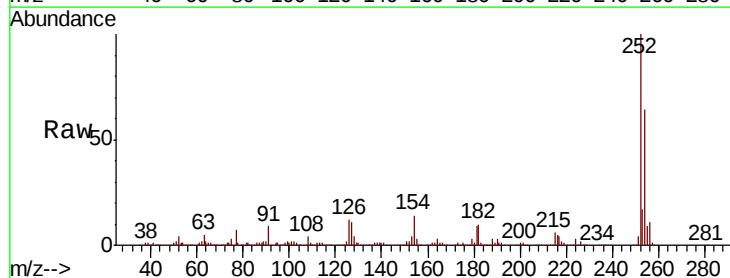
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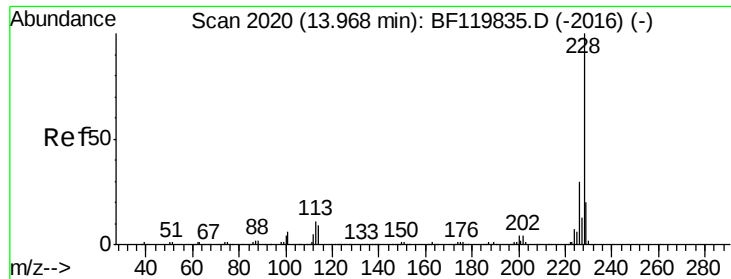
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.334 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:252 Resp: 429297
Ion Ratio Lower Upper
252 100
254 63.8 53.9 80.9
126 11.8 9.7 14.5





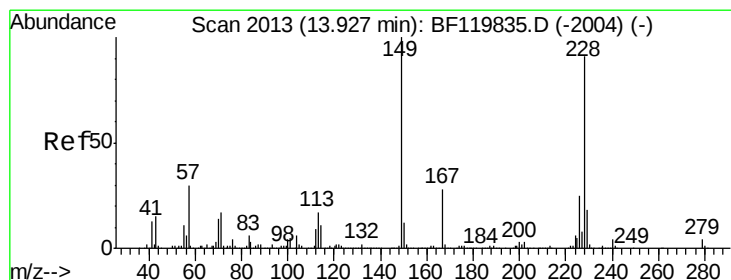
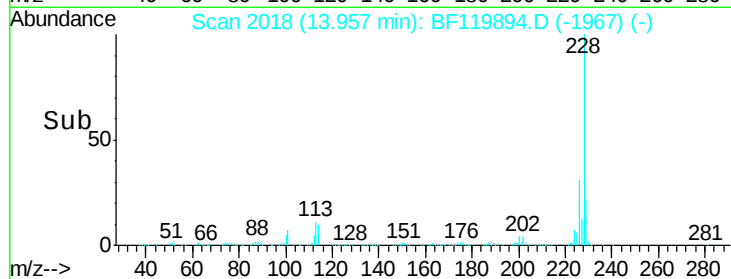
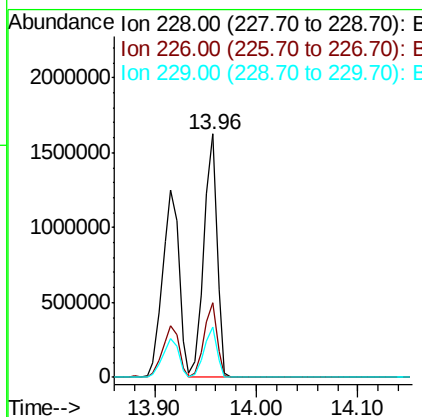
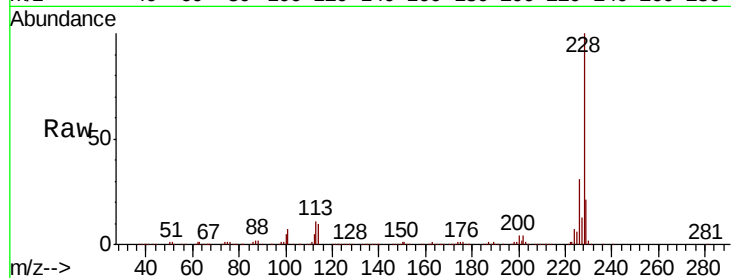
#83
 Chrvsene
 Concen: 40.318 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BS

Tot Ion:228 Resp: 1457750
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 20.5 15.9 23.9

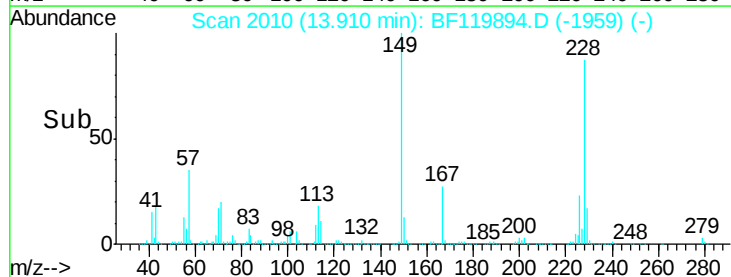
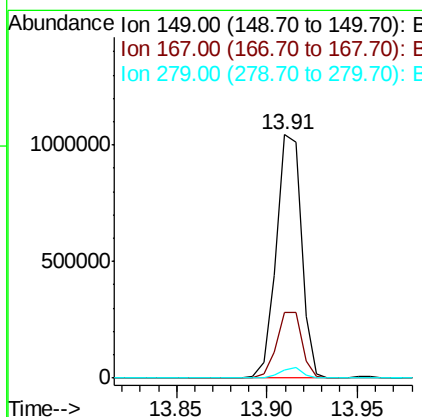
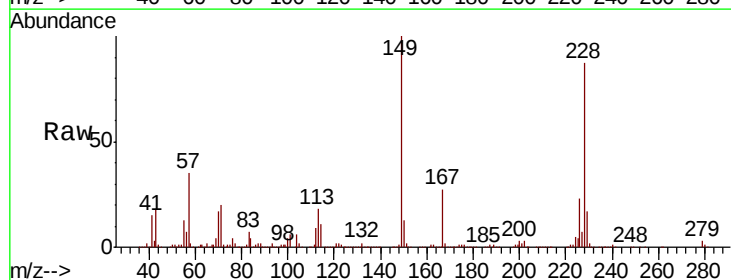
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.629 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:149 Resp: 1007630
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.3 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 33.912 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:149 Resp: 1730079

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

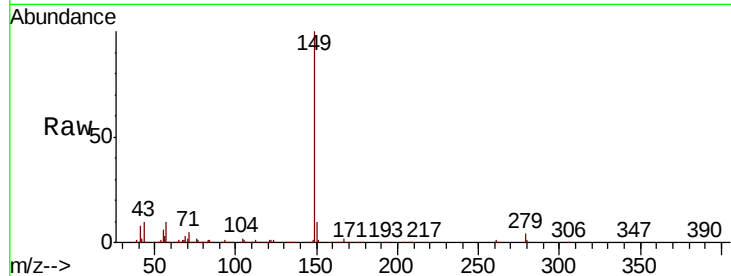
43 10.9 9.2 13.8

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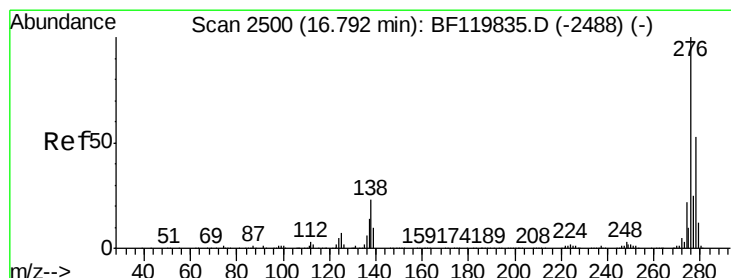
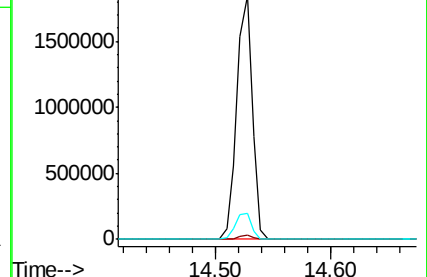
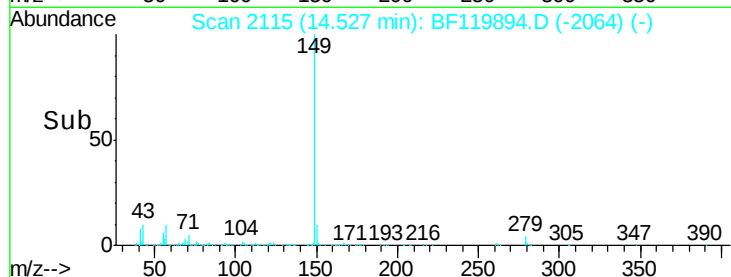
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Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.086 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

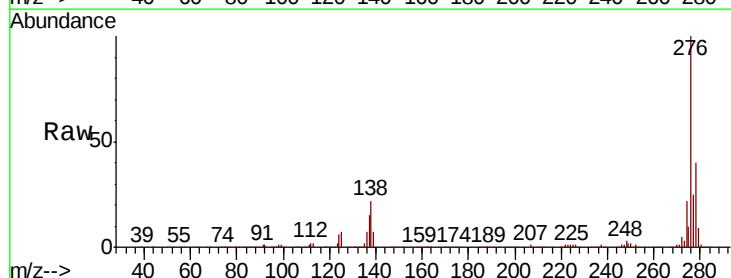
Tgt Ion:276 Resp: 1277583

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

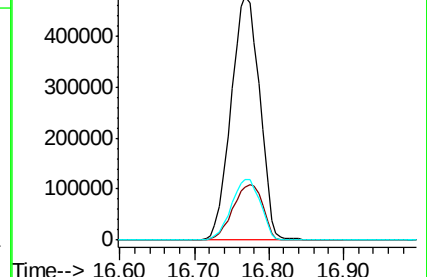
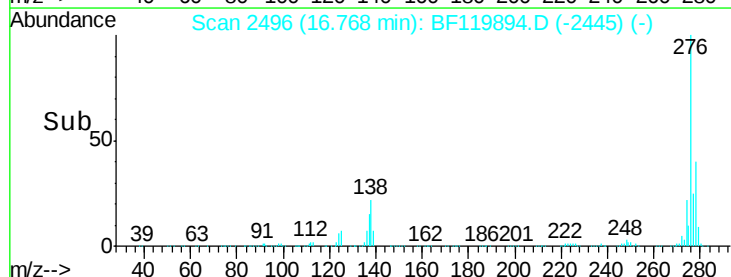
277 25.4 20.1 30.1

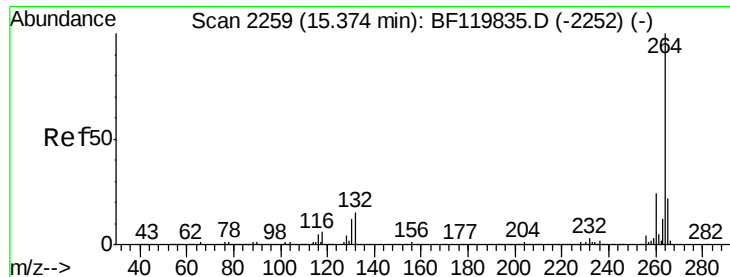


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

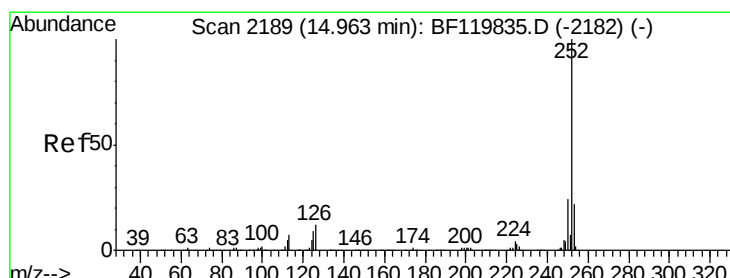
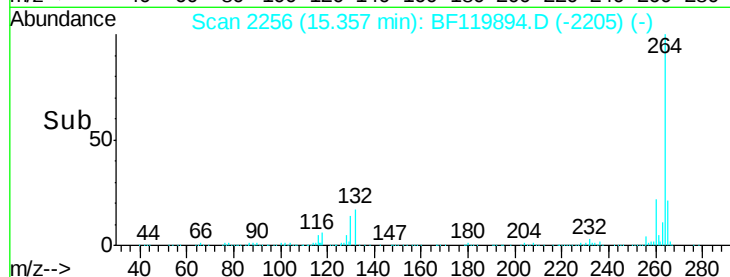
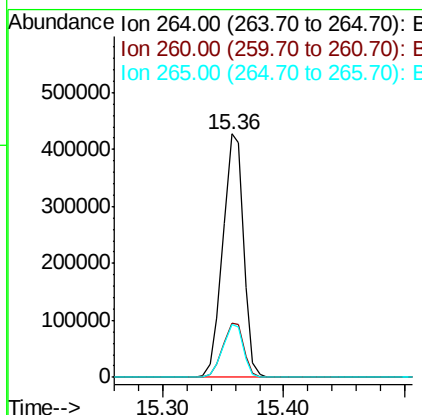
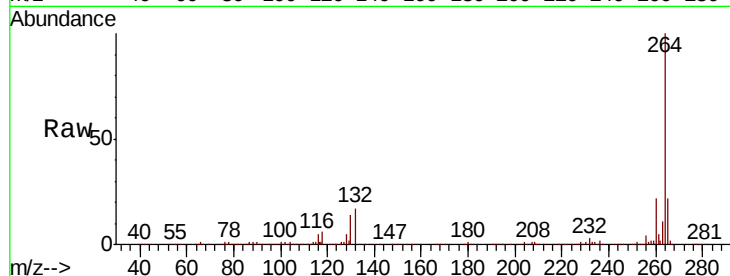
ClientSampleId :

PB128092BS

Tot Ion:	264	Resp:	505520
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.3	28.9
265	21.6	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 38.532 ng

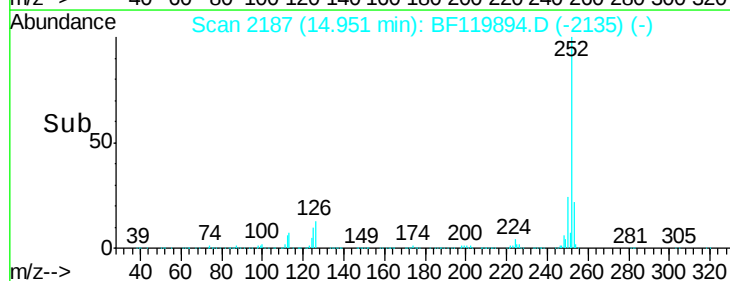
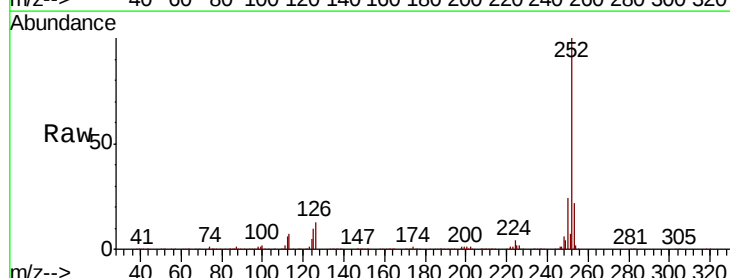
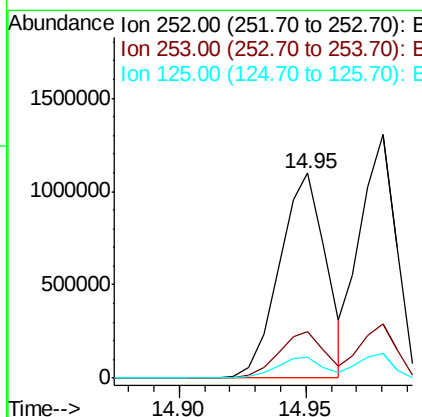
RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:	252	Resp:	1401248
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	10.2	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 41.636 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB128092BS

Tot Ion:252 Resp: 1306424

Ion Ratio Lower Upper

252 100

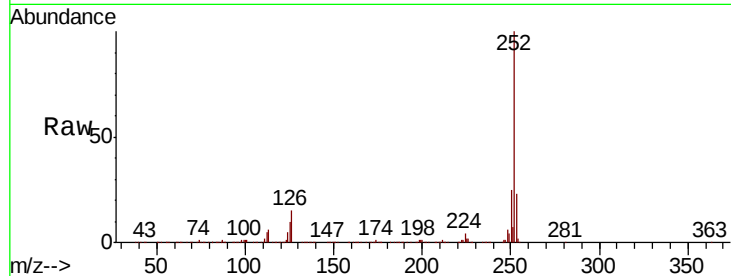
253 22.5 17.8 26.8

125 10.1 7.7 11.5

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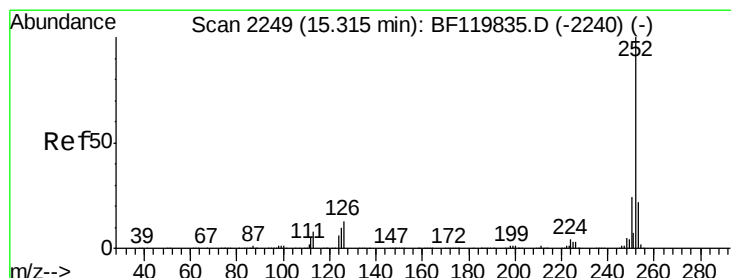
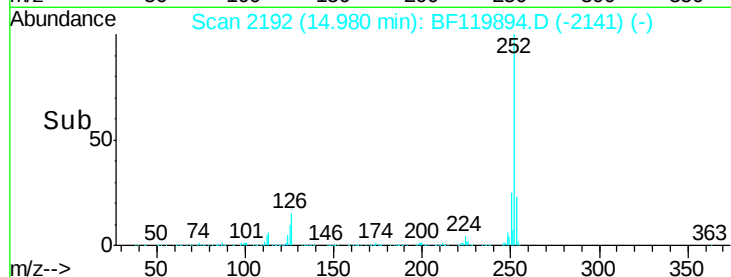
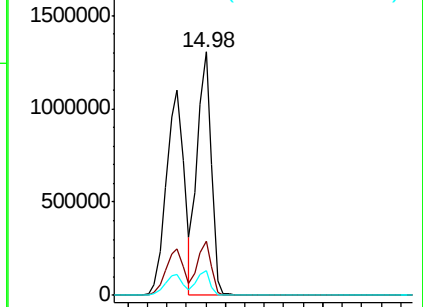
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.890 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

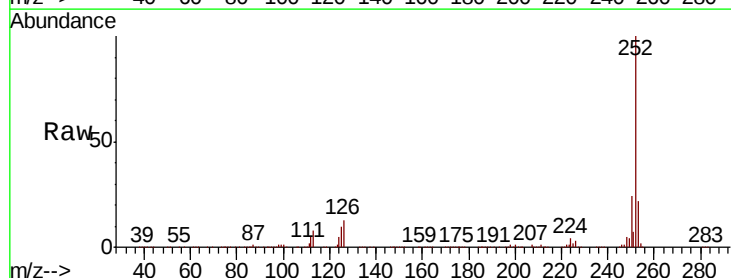
Tgt Ion:252 Resp: 1219706

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

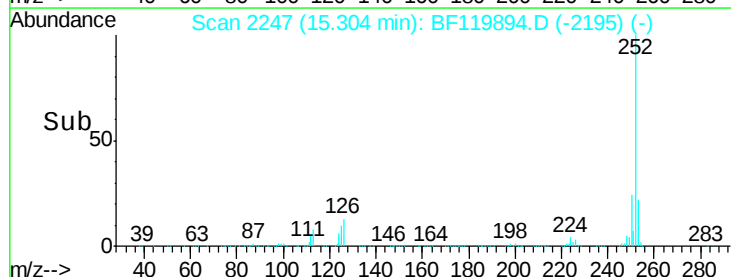
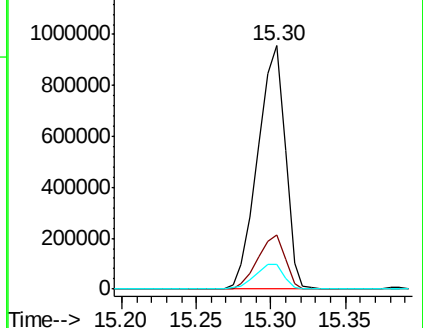
125 10.1 8.3 12.5

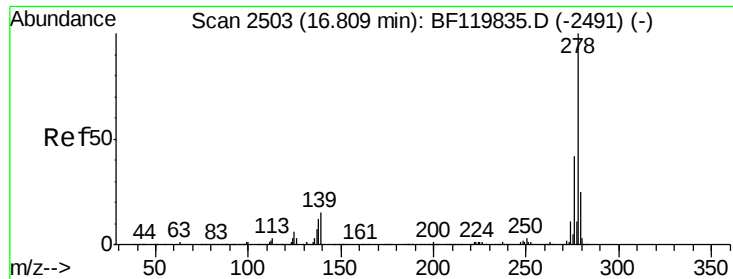


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





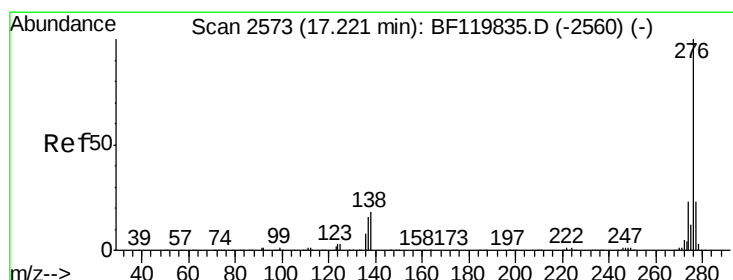
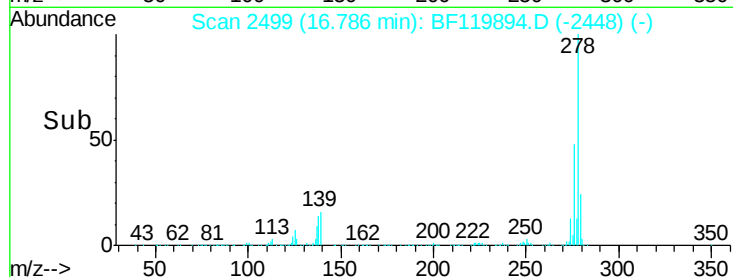
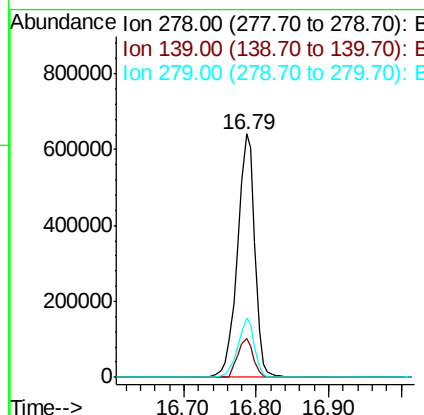
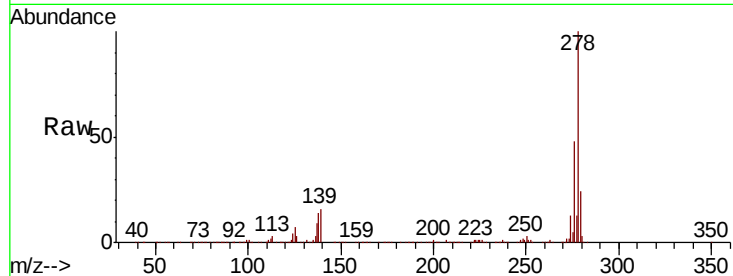
#91
Dibenzo(a,h)anthracene
Concen: 39.484 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.6	17.4
279	24.3	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 39.317 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	20.0	14.6	22.0

