

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119087.D
 Acq On : 26 Feb 2020 11:17
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:58:20 PM

Quant Time: Feb 26 16:14:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	241516	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	912298	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	521997	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	968584	20.00	ng	0.00
76) Chrysene-d12	13.90	240	681020	20.00	ng	0.00
87) Perylene-d12	15.32	264	636918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1102399	76.28	ng	0.00
7) Phenol-d6	6.40	99	1385041	78.80	ng	0.00
23) Nitrobenzene-d5	7.32	82	1356308	78.50	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	565716	82.85	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2552717	72.04	ng	0.00
79) Terphenyl-d14	12.85	244	3104534	78.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	230450	35.815	ng	100
3) Pyridine	3.16	79	656373	37.352	ng	100
4) n-Nitrosodimethylamine	3.12	42	217318	40.824	ng	100
6) Aniline	6.42	93	846328	39.024	ng	100
8) 2-Chlorophenol	6.54	128	619656	39.731	ng	100
9) Benzaldehyde	6.30	77	406507	34.617	ng	100
10) Phenol	6.42	94	735073	38.682	ng	100
11) bis(2-Chloroethyl)ether	6.49	93	590209	40.592	ng	100
12) 1,3-Dichlorobenzene	6.69	146	734646	39.300	ng	100
13) 1,4-Dichlorobenzene	6.76	146	735748	39.332	ng	100
14) 1,2-Dichlorobenzene	6.92	146	667664	39.136	ng	100
15) Benzyl Alcohol	6.90	79	525468	41.366	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	524802	41.667	ng	100
17) 2-Methylphenol	7.02	107	515323	40.754	ng	100
18) Hexachloroethane	7.26	117	275420	41.154	ng	100
19) n-Nitroso-di-n-propylamine	7.17	70	440436	43.005	ng	100
20) 3+4-Methylphenols	7.17	107	603283	38.943	ng	100
22) Acetophenone	7.16	105	840043	39.797	ng	100
24) Nitrobenzene	7.34	77	665706	38.961	ng	100
25) Isophorone	7.58	82	1234570	41.142	ng	100
26) 2-Nitrophenol	7.65	139	361713	39.954	ng	100
27) 2,4-Dimethylphenol	7.70	122	482142	39.240	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	781765	40.025	ng	100
29) 2,4-Dichlorophenol	7.90	162	575227	39.768	ng	100
30) 1,2,4-Trichlorobenzene	7.97	180	663802	38.706	ng	100
31) Naphthalene	8.05	128	1805055	38.151	ng	100
32) Benzoic acid	7.86	122	392904	44.406	ng	100
33) 4-Chloroaniline	8.10	127	773188	37.995	ng	100
34) Hexachlorobutadiene	8.17	225	421735	39.479	ng	100
35) Caprolactam	8.50	113	186727m	41.925	ng	
36) 4-Chloro-3-methylphenol	8.60	107	597909	40.844	ng	100
37) 2-Methylnaphthalene	8.75	142	1244345	39.081	ng	100
38) 1-Methylnaphthalene	8.85	142	1172304	39.149	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	662608	37.649	ng	100

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 ALS Vial : 2 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	212258	38.637	nq	100
43) 2,4,6-Trichlorophenol	9.03	196	436469	39.272	nq	100
44) 2,4,5-Trichlorophenol	9.07	196	451352	38.701	nq	100
46) 1,1'-Biphenyl	9.21	154	1587803	37.636	nq	100
47) 2-Chloronaphthalene	9.23	162	1301819	38.292	nq	100
48) 2-Nitroaniline	9.33	65	382070	40.292	nq	100
49) Acenaphthylene	9.65	152	1846205	37.599	nq	100
50) Dimethylphthalate	9.52	163	1629965	40.835	nq	100
51) 2,6-Dinitrotoluene	9.58	165	357044	40.261	nq	100
52) Acenaphthene	9.82	154	1127678	38.087	nq	100
53) 3-Nitroaniline	9.75	138	386042	39.266	nq	100
54) 2,4-Dinitrophenol	9.86	184	163989	41.967	nq	100
55) Dibenzofuran	9.99	168	1630053	36.885	nq	100
56) 4-Nitrophenol	9.92	139	212349	35.949	nq	100
57) 2,4-Dinitrotoluene	9.99	165	437577	38.067	nq	100
58) Fluorene	10.33	166	1318122	38.385	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	397055	40.348	nq	100
60) Diethylphthalate	10.21	149	1552713	41.278	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	708238	38.964	nq	100
62) 4-Nitroaniline	10.37	138	398873	39.655	nq	100
63) Azobenzene	10.49	77	1306239	39.951	nq	100
65) 4,6-Dinitro-2-methylphenol	10.40	198	248689	42.431	nq	100
66) n-Nitrosodiphenylamine	10.45	169	1248180	39.356	nq	100
67) 4-Bromophenyl-phenylether	10.81	248	499299	39.437	nq	100
68) Hexachlorobenzene	10.89	284	577229	39.544	nq	100
69) Atrazine	10.97	200	418286	37.748	nq	100
70) Pentachlorophenol	11.08	266	235898	40.118	nq	100
71) Phenanthrene	11.29	178	1979716	37.479	nq	100
72) Anthracene	11.35	178	1990328	37.711	nq	100
73) Carbazole	11.50	167	1784954	37.963	nq	100
74) Di-n-butylphthalate	11.83	149	2348152	41.239	nq	100
75) Fluoranthene	12.48	202	2132930	38.041	nq	100
77) Benzidine	12.60	184	930834	33.608	nq	100
78) Pyrene	12.71	202	2123176	38.825	nq	100
80) Butylbenzylphthalate	13.32	149	1010907	43.923	nq	100
81) Benzo(a)anthracene	13.89	228	1803028	38.856	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	716045	39.740	nq	100
83) Chrysene	13.93	228	1782548	38.553	nq	100
84) Bis(2-ethylhexyl)phthalate	13.88	149	1321344	45.443	nq	100
85) Di-n-octyl phthalate	14.49	149	2092088	45.158	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1574567	35.171	nq	100
88) Benzo(b)fluoranthene	14.92	252	1668827	39.751	nq	100
89) Benzo(k)fluoranthene	14.95	252	1617093	41.564	nq	100
90) Benzo(a)pyrene	15.27	252	1464396	38.649	nq	100
91) Dibenzo(a,h)anthracene	16.74	278	1288628	38.652	nq	100
92) Benzo(g,h,i)perylene	17.16	276	1243794	37.759	nq	100

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

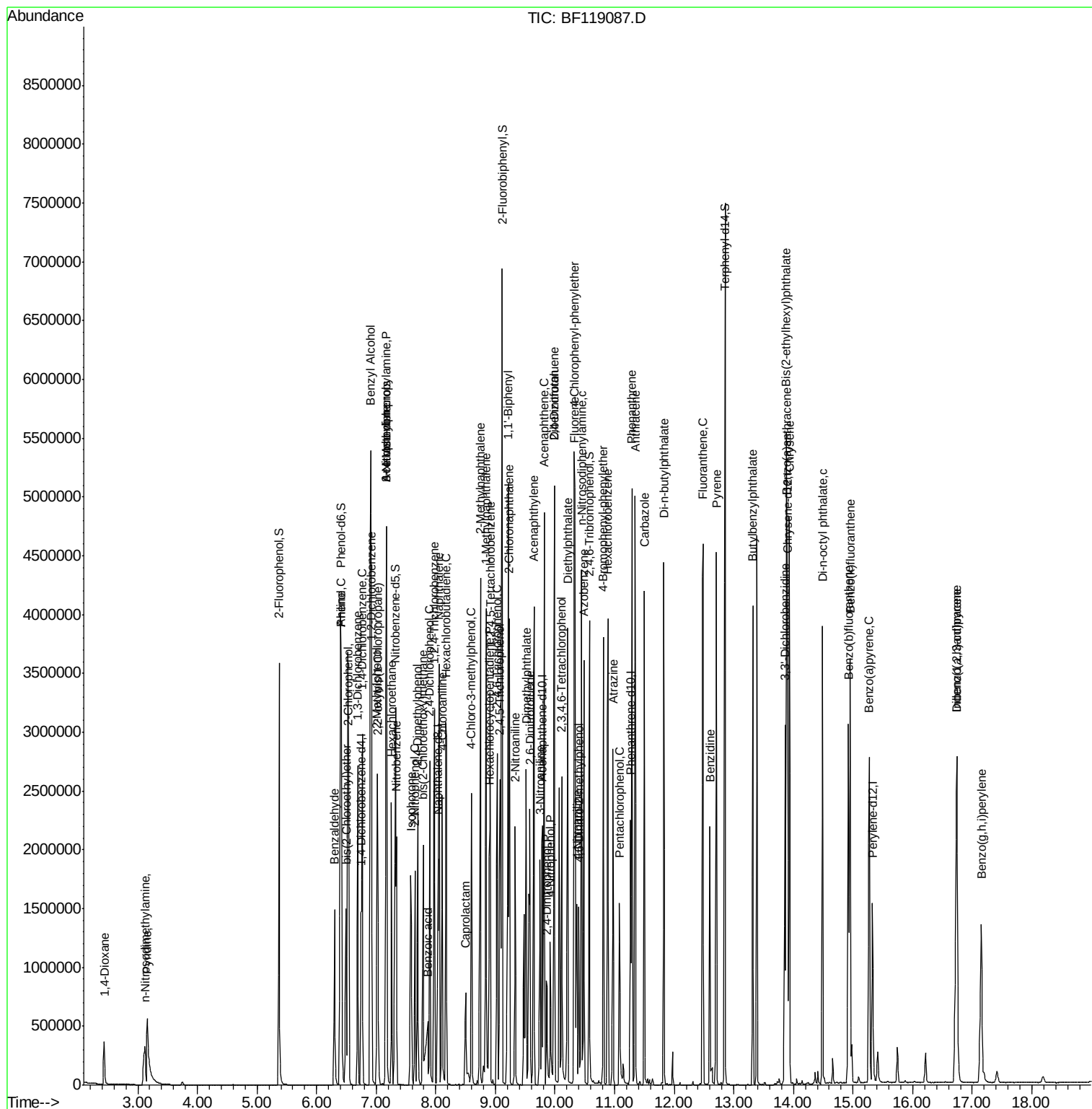
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Data File : BF119087.D
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Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

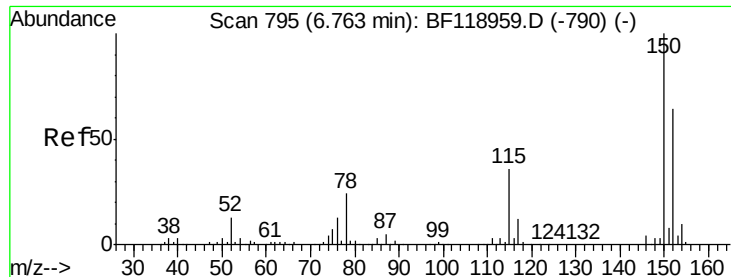
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Manual Integrations
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#1

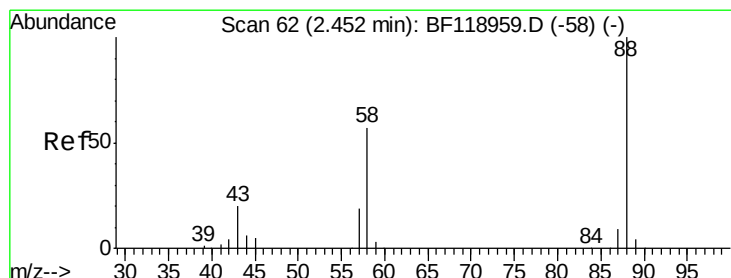
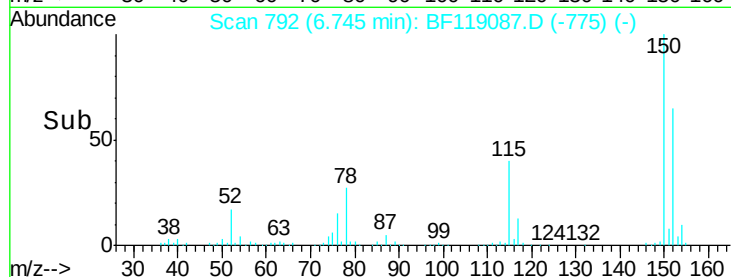
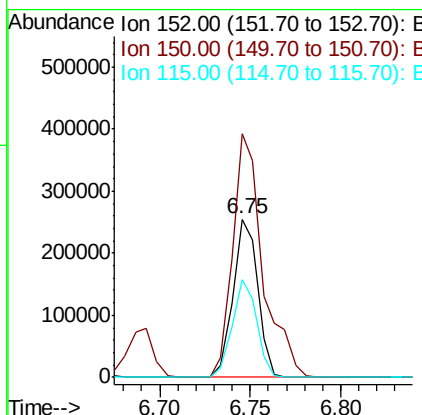
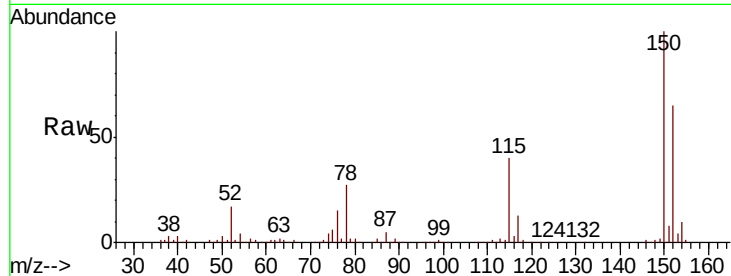
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.0	184.6
115	61.9	49.5	74.3

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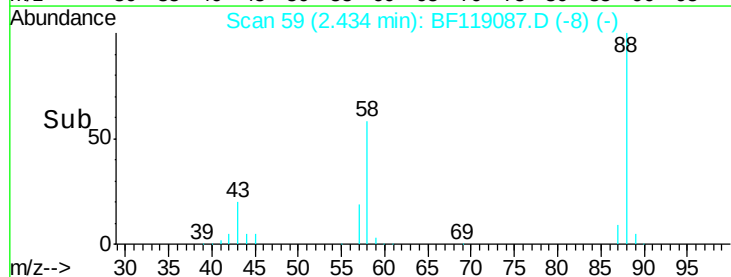
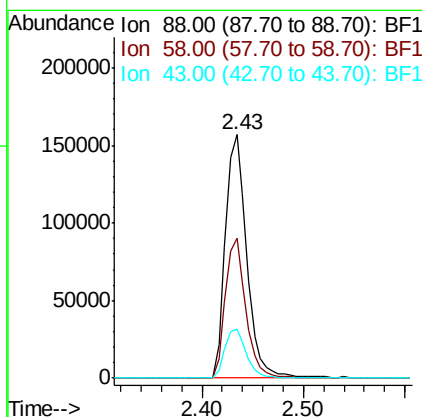
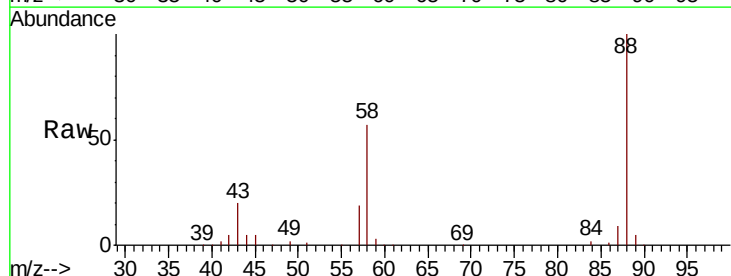
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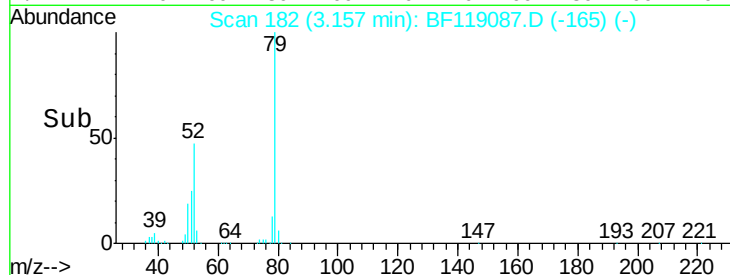
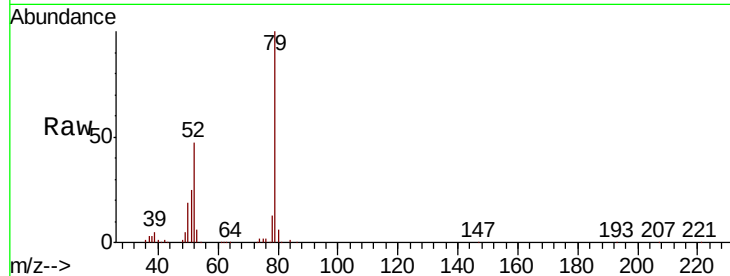
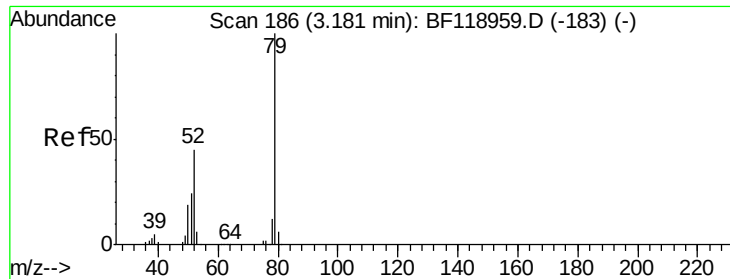


#2

1,4-Dioxane
Concen: 35.815 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	43.8	65.6
43	20.3	16.2	24.4





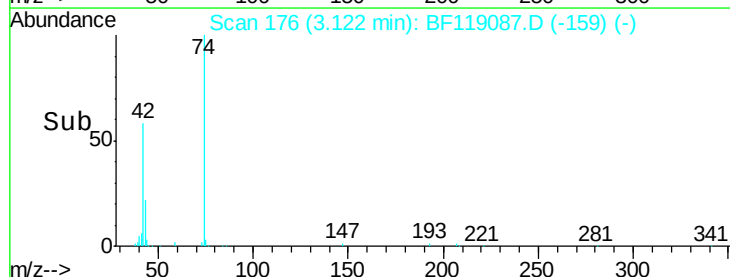
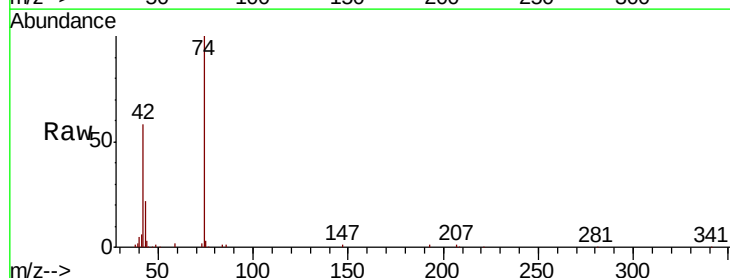
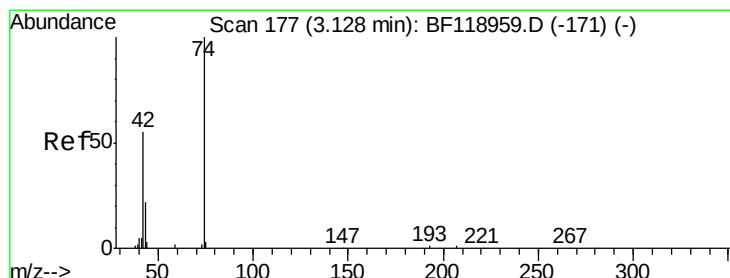
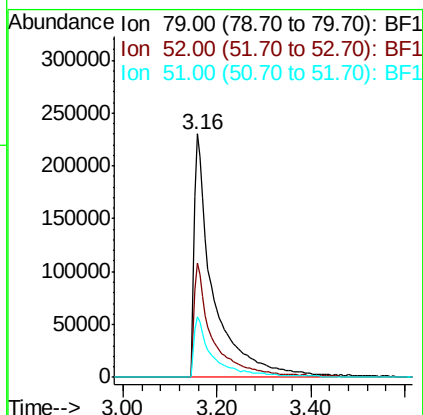
#3
Pvridine
Concen: 37.352 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.7	37.4	56.0
51	24.7	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

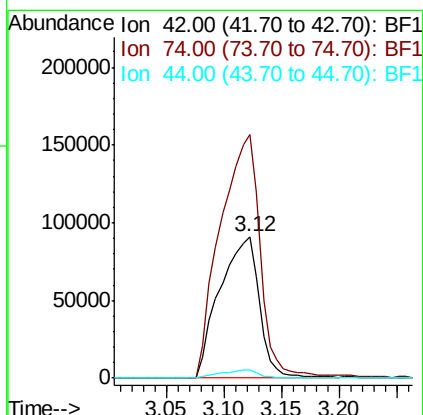
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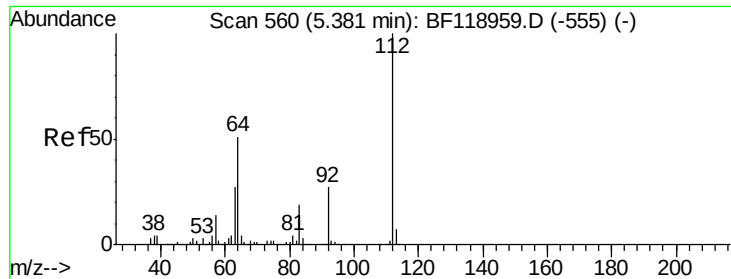
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#4
n-Nitrosodimethylamine
Concen: 40.824 ng
RT: 3.12 min Scan# 176
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.1	137.7	206.5
44	5.6	4.5	6.7





#5

2-Fluorophenol

Concen: 76.281 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1102399

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

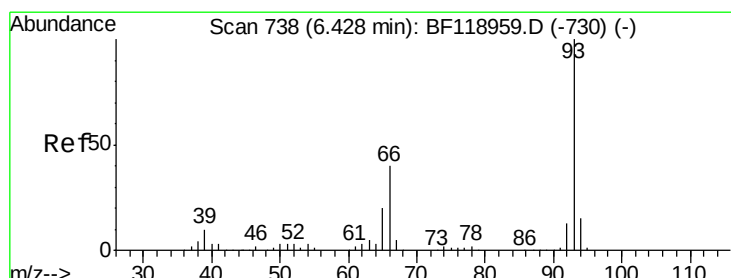
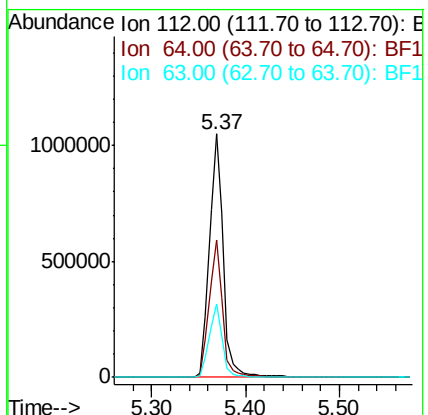
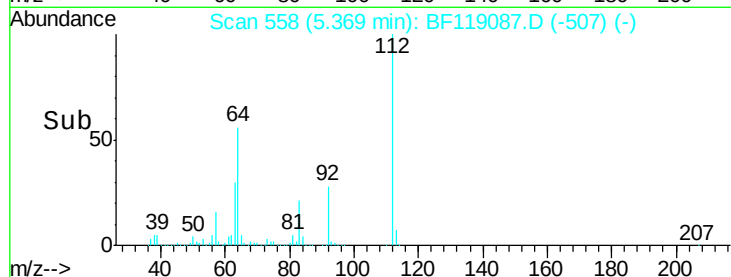
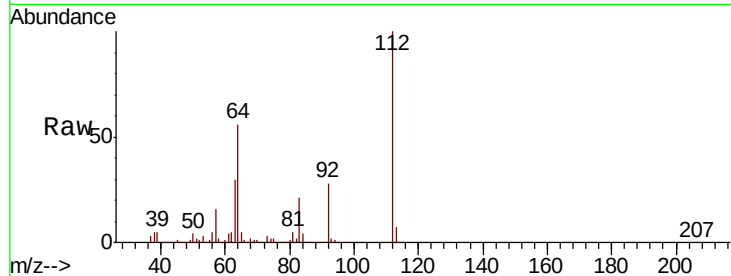
63 30.3 24.2 36.4

Manual Integrations

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#6

Aniline

Concen: 39.024 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

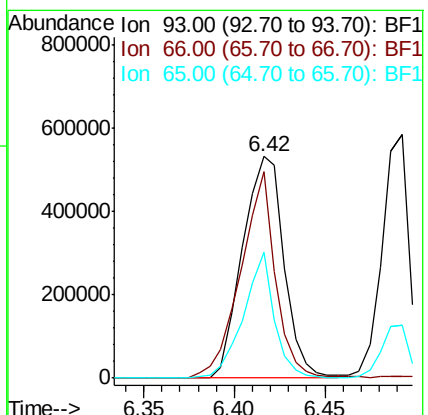
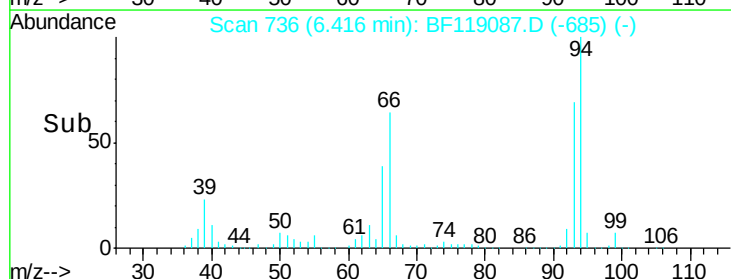
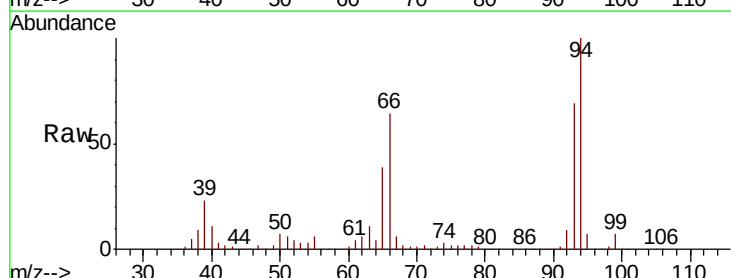
Tgt Ion: 93 Resp: 846328

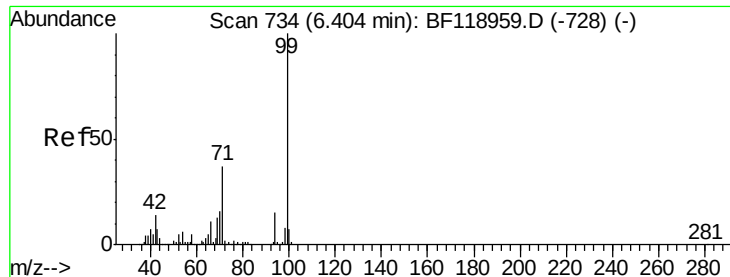
Ion Ratio Lower Upper

93 100

66 93.1 74.5 111.7

65 56.6 45.3 67.9





#7

Phenol-d6

Concen: 78.802 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1385041

Ion Ratio Lower Upper

99 100

42 15.7 12.6 18.8

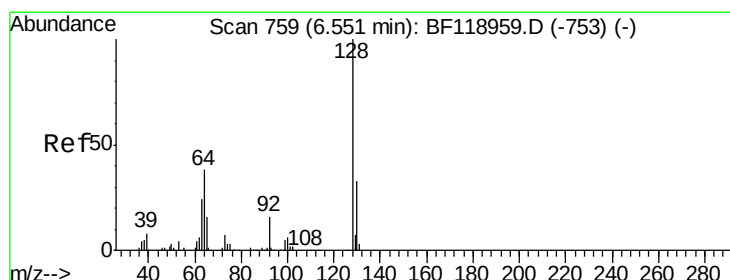
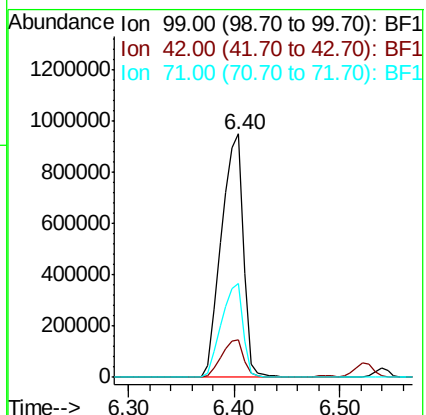
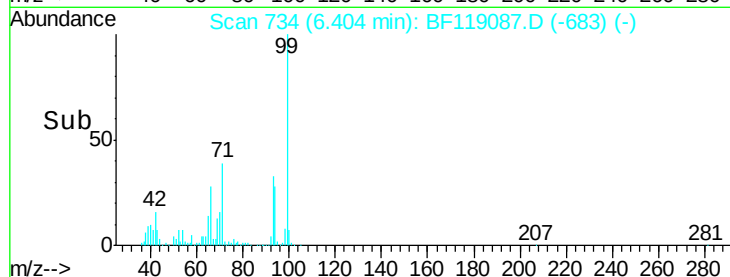
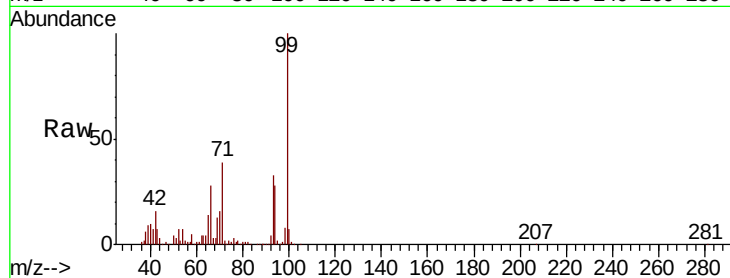
71 38.7 31.0 46.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.731 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

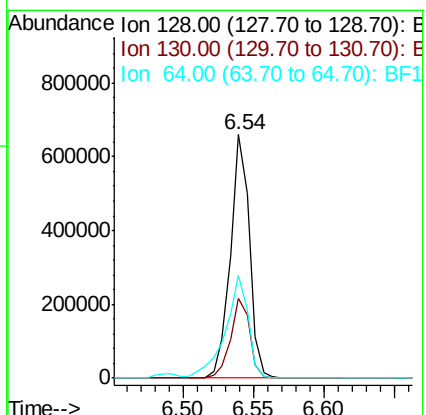
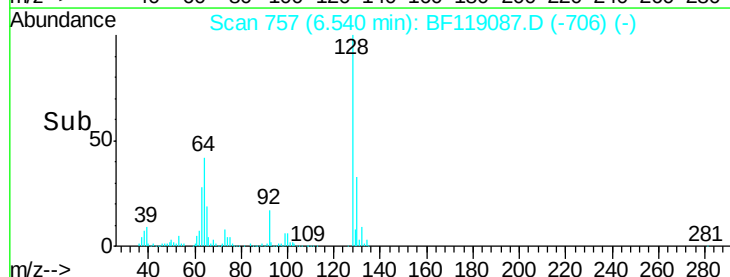
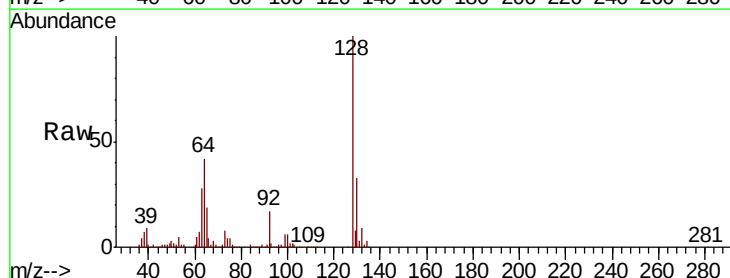
Tgt Ion: 128 Resp: 619656

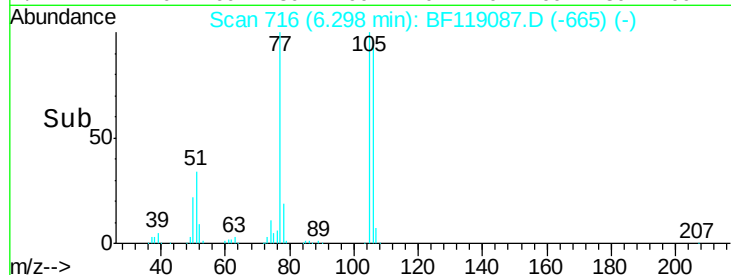
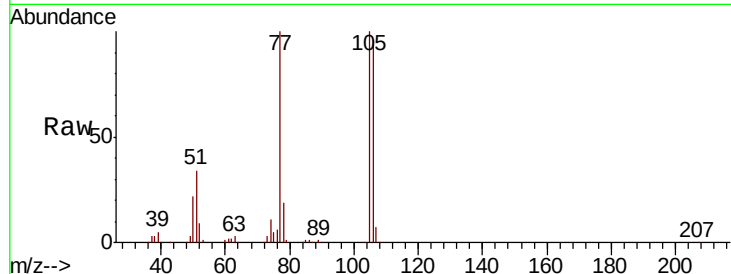
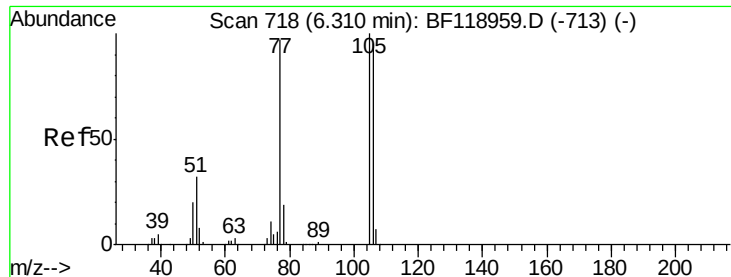
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 42.3 22.3 62.3





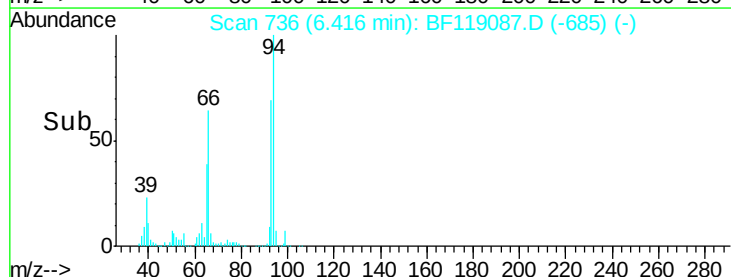
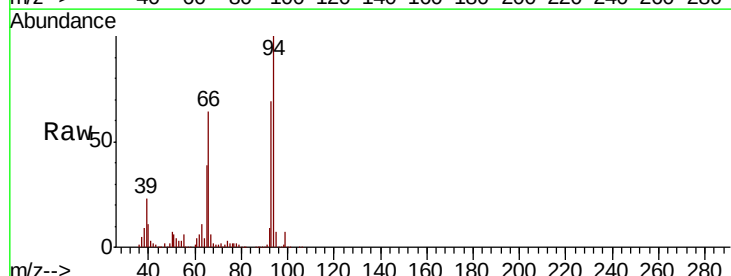
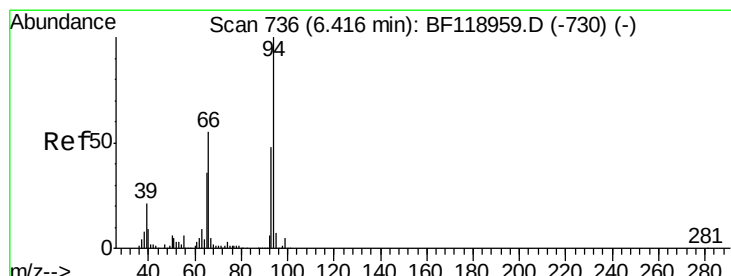
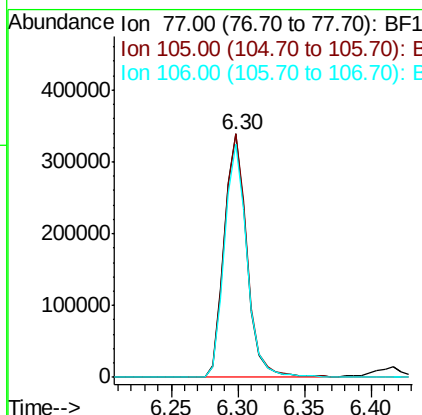
#9
Benzaldehyde
Concen: 34.617 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF119087.D
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Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	100.1	80.1	120.1	
106	95.9	75.9	115.9	

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SSTDCCC040

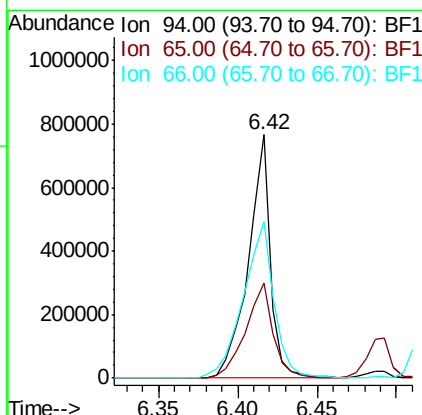
Manual Integrations
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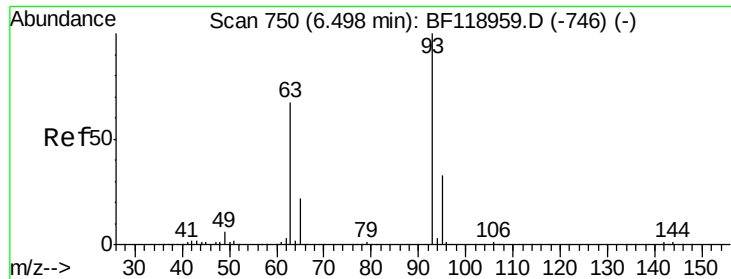
mohammad
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#10
Phenol
Concen: 38.682 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	39.2	19.2	59.2	
66	64.4	44.4	84.4	





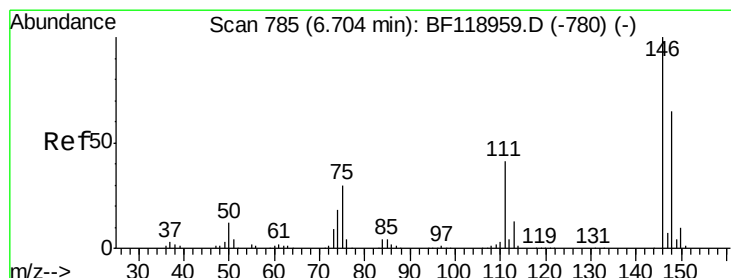
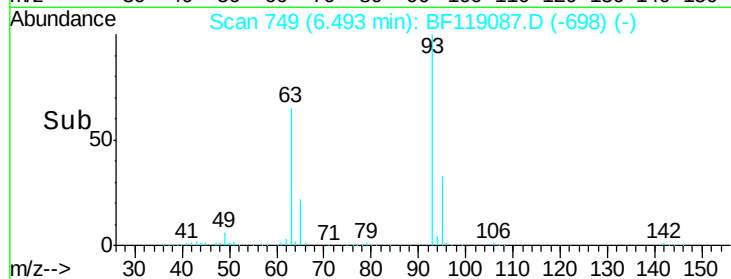
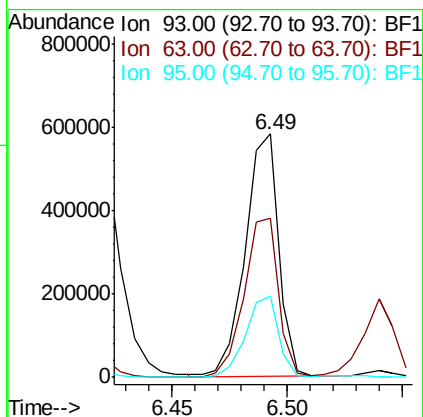
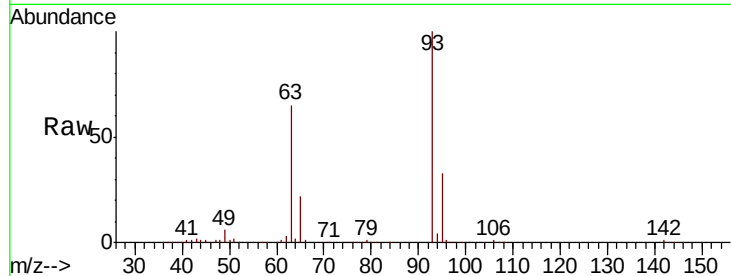
#11
bis(2-Chloroethyl)ether
Concen: 40.592 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		590209		
63	65.4	45.4	85.4		
95	33.5	13.5	53.5		

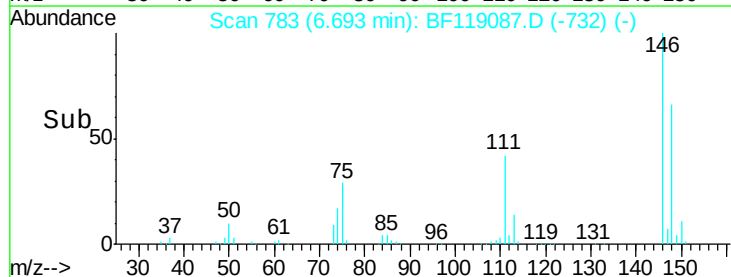
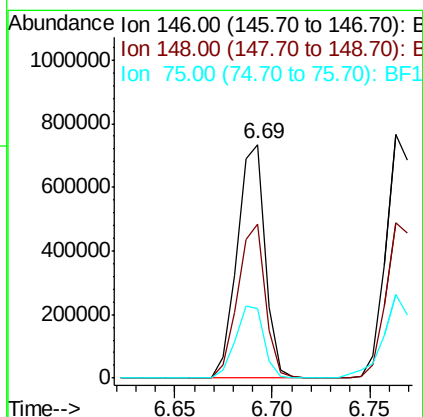
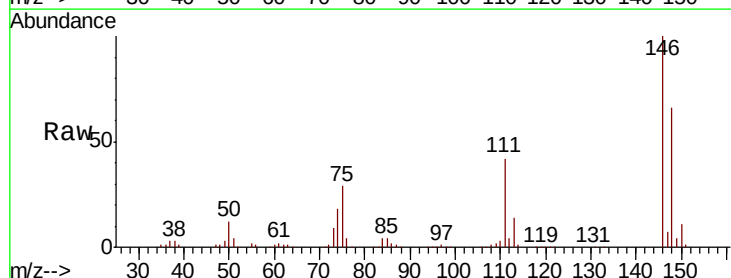
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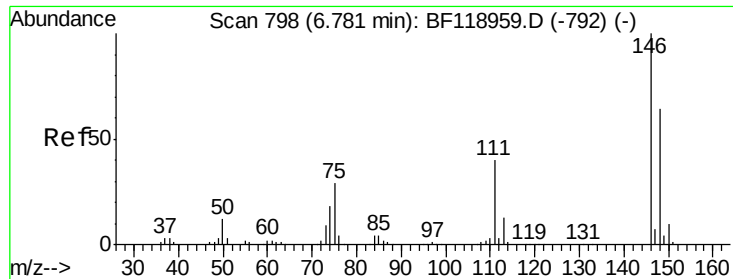
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#12
1,3-Dichlorobenzene
Concen: 39.300 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		734646		
148	65.6	52.5	78.7		
75	29.5	23.6	35.4		





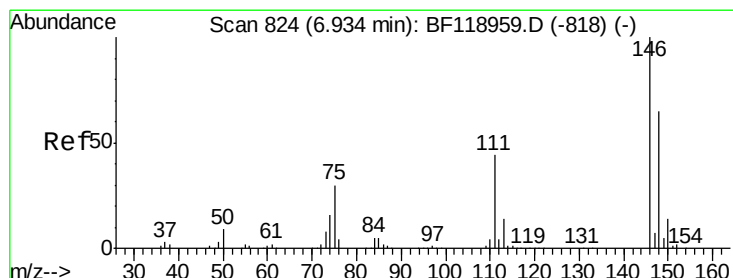
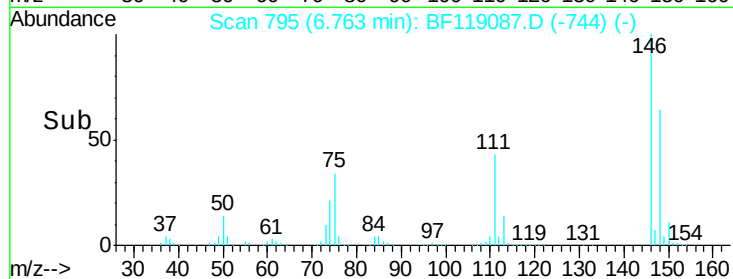
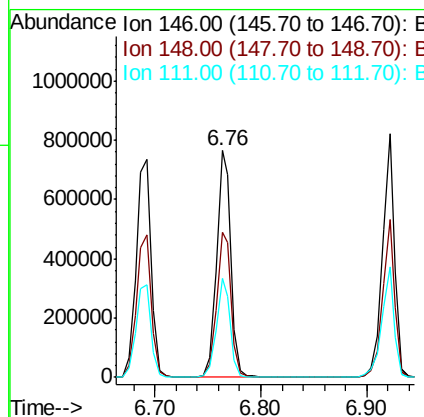
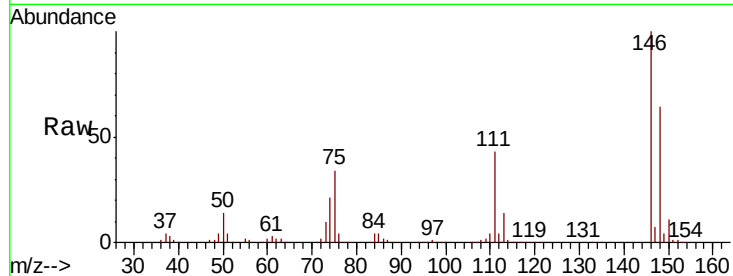
#13
 1,4-Dichlorobenzene
 Concen: 39.332 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.5	34.8	52.2

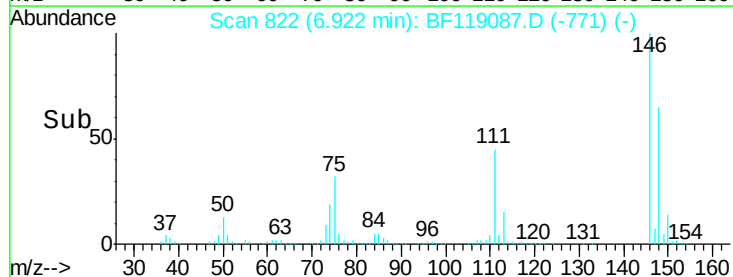
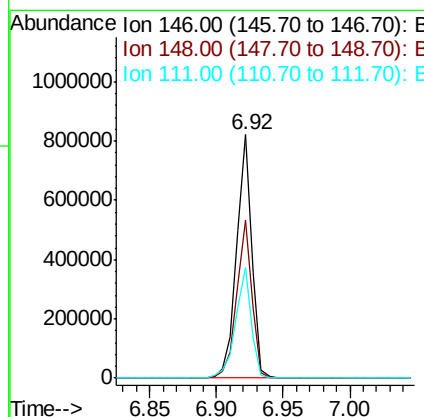
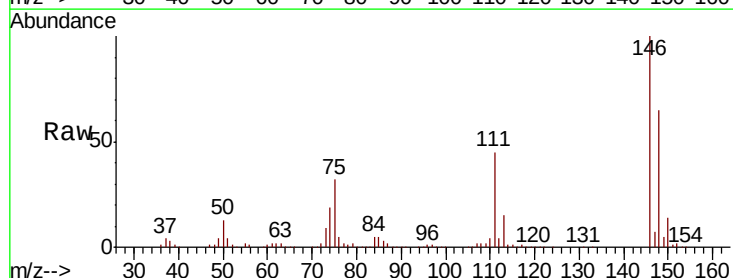
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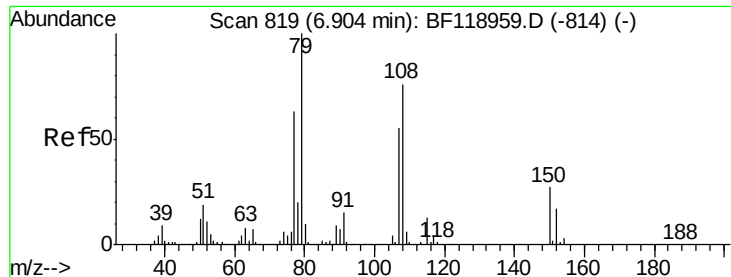
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#14
 1,2-Dichlorobenzene
 Concen: 39.136 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	45.2	36.2	54.2





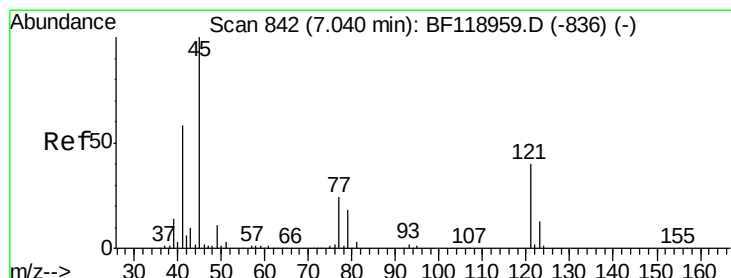
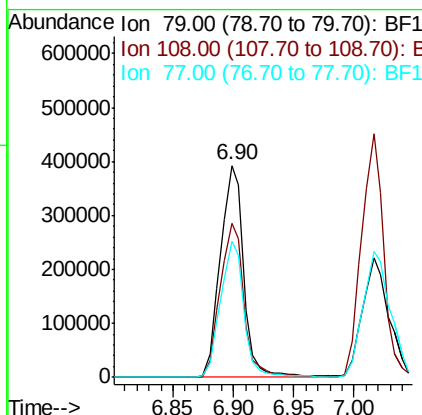
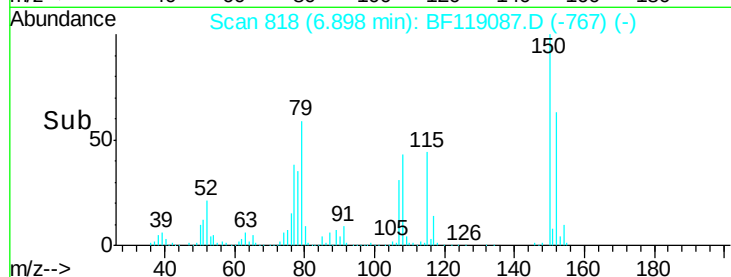
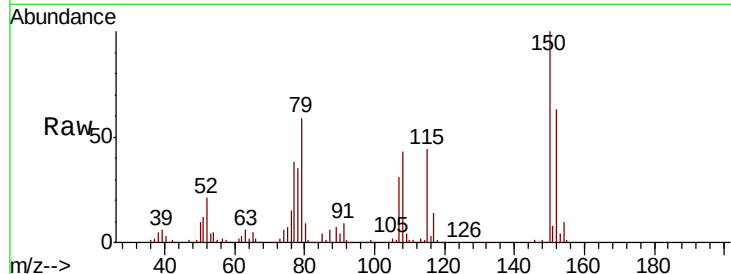
#15
Benzyl Alcohol
Concen: 41.366 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.7	58.2	87.2
77	64.0	51.2	76.8

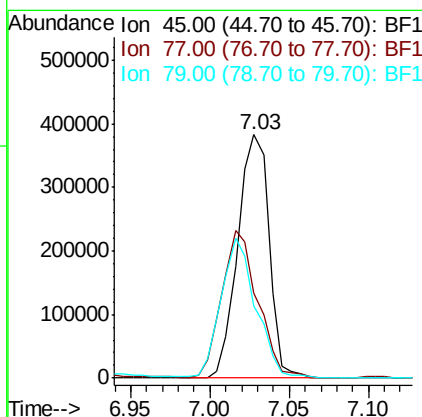
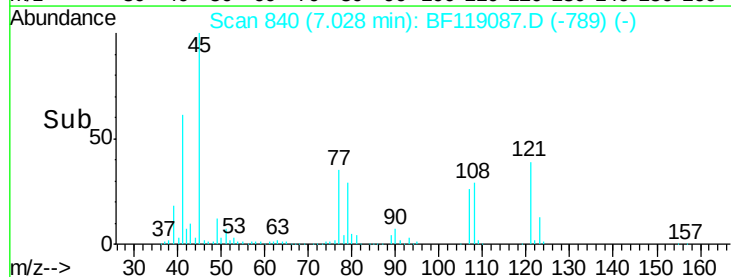
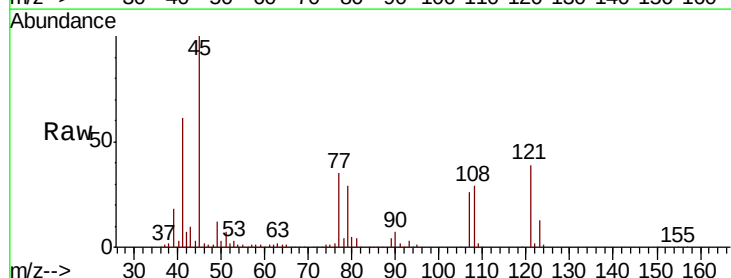
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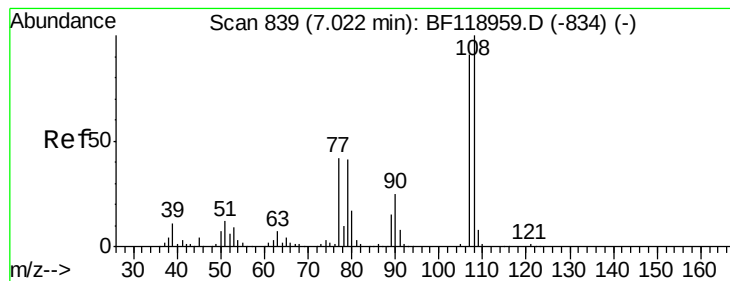
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.667 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.0	15.0	55.0
79	29.4	9.4	49.4





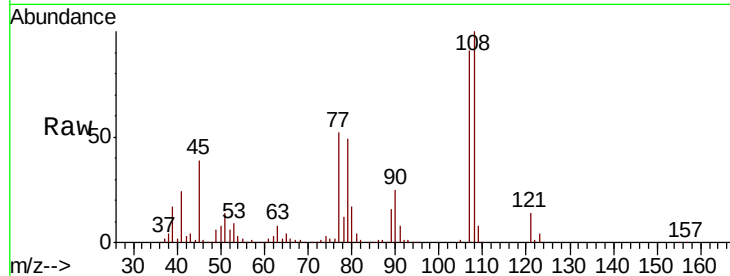
#17
2-Methylphenol
Concen: 40.754 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

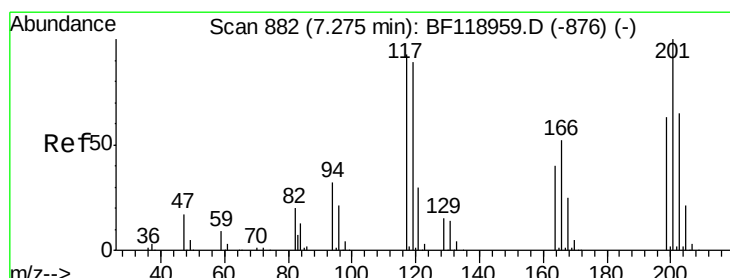
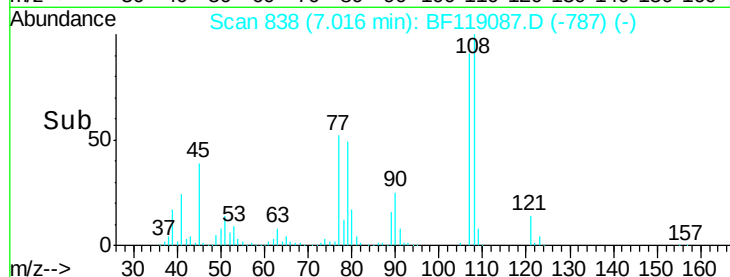
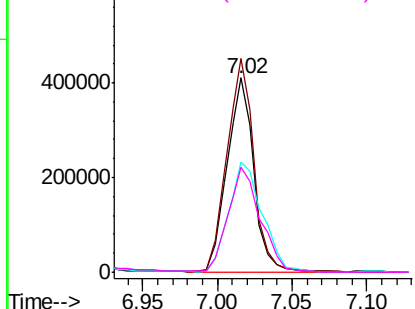
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	87.9	131.9
77	56.6	45.3	67.9
79	53.7	43.0	64.4

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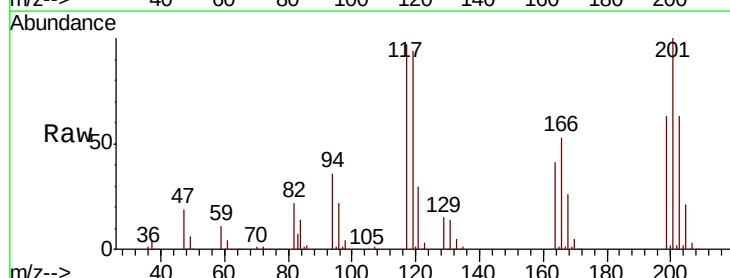


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

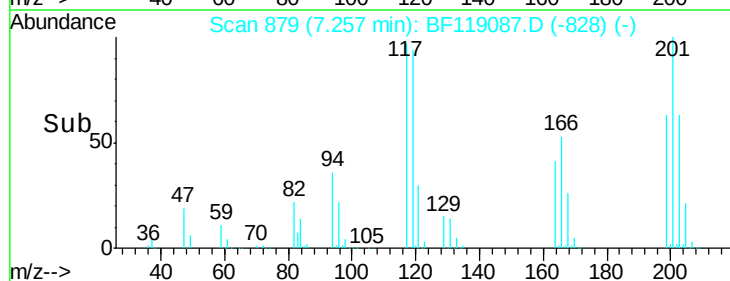
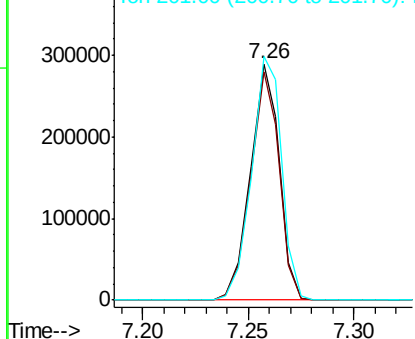


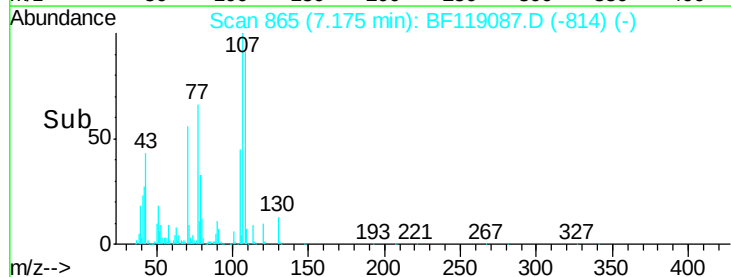
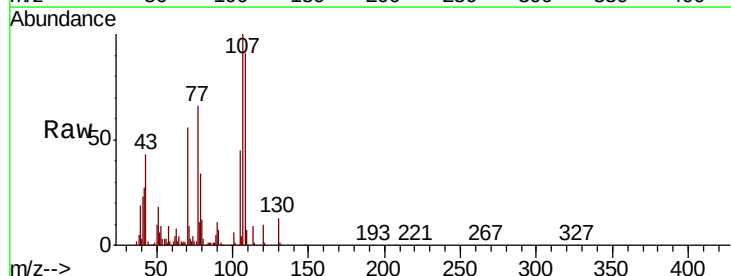
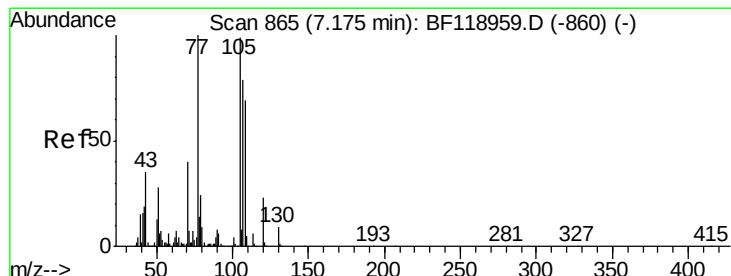
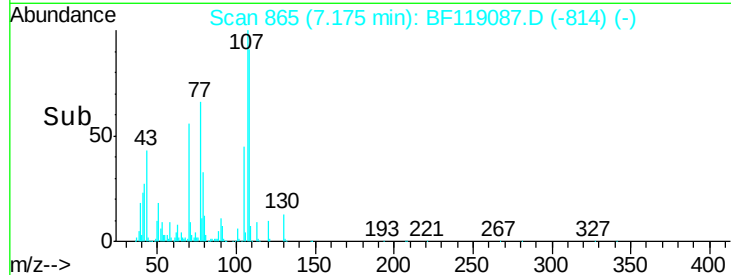
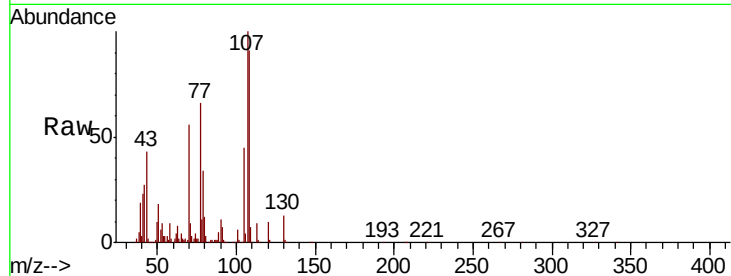
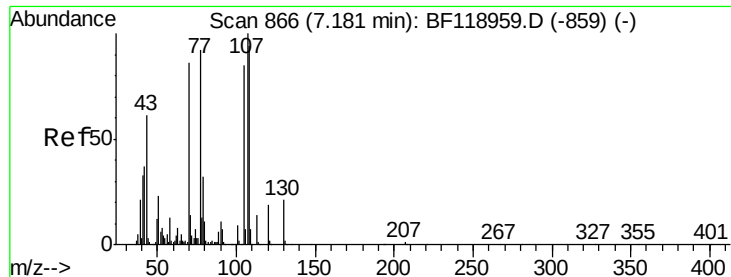
#18
Hexachloroethane
Concen: 41.154 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	103.2	82.6	123.8



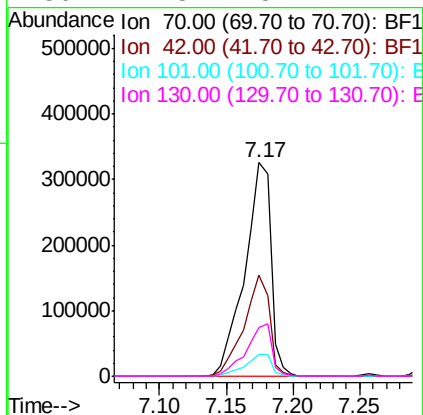
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.005 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	38.0	57.0
101	10.3	8.2	12.4
130	22.8	18.2	27.4



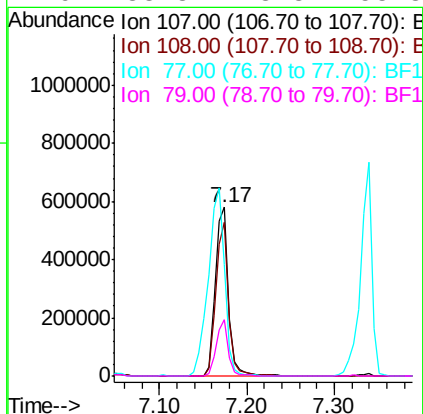
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

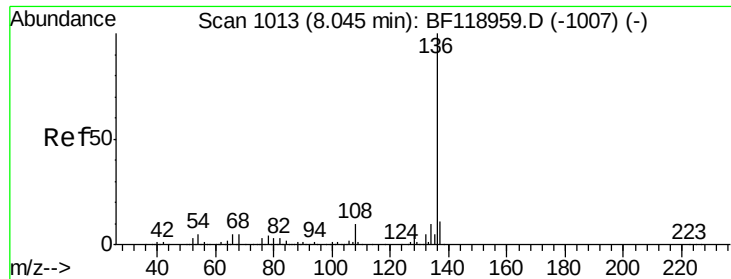
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#20
3+4-Methylphenols
Concen: 38.943 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	65.9	45.9	85.9
79	33.8	13.8	53.8





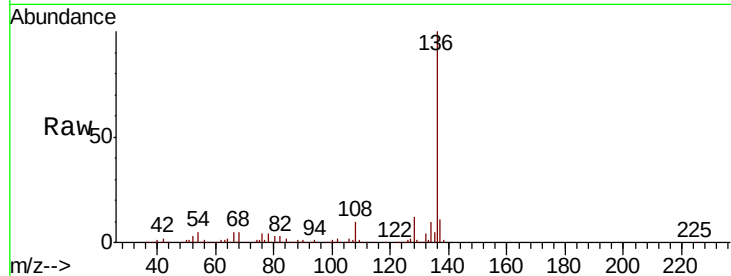
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

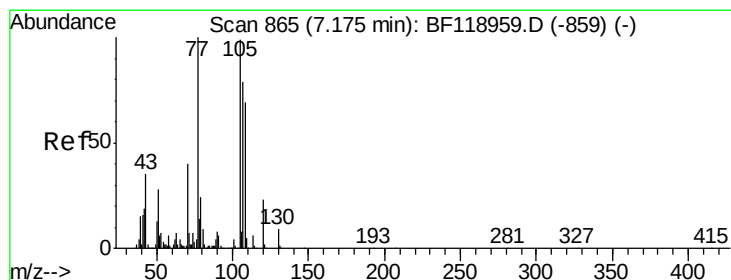
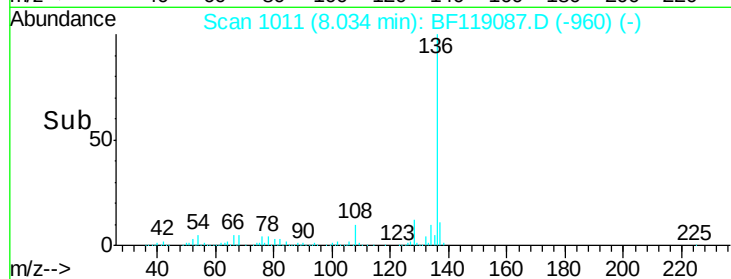
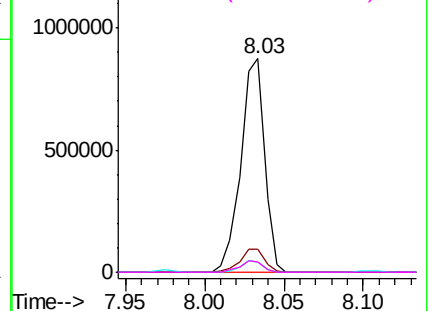
Tot Ion	Ratio	Resp	Lower	Upper
136	100	912298		
137	11.0	8.8	13.2	
54	4.7	3.8	5.6	
68	4.9	3.9	5.9	

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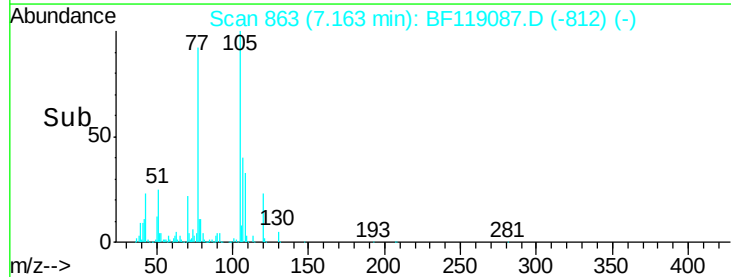
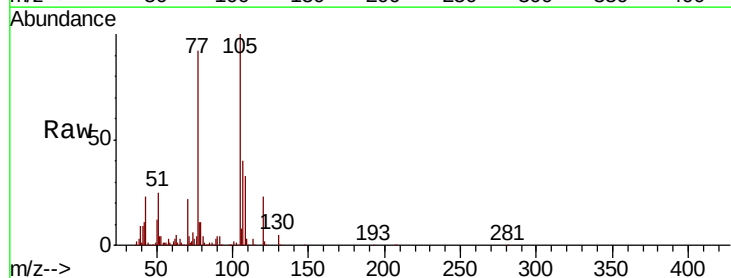
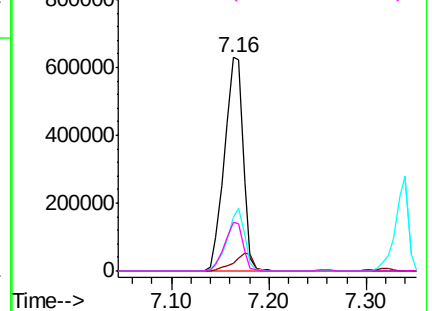
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

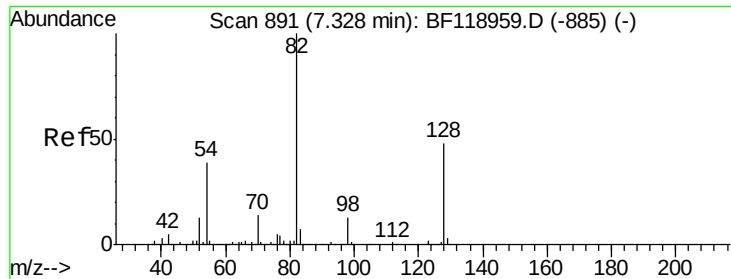


#22
Acetophenone
Concen: 39.797 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	840043		
71	3.7	3.0	4.4	
51	25.1	20.1	30.1	
120	22.5	18.0	27.0	

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





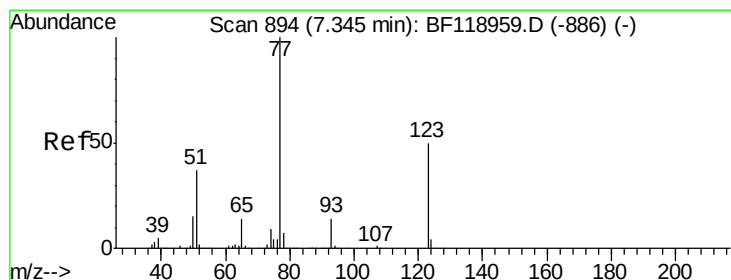
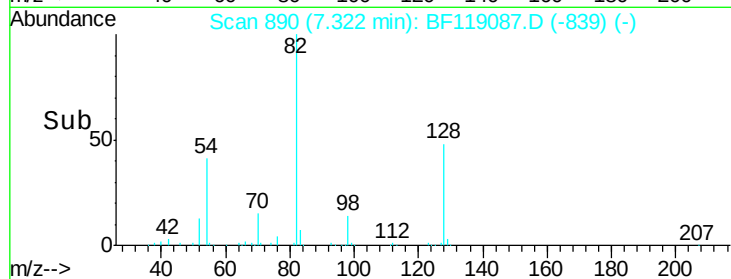
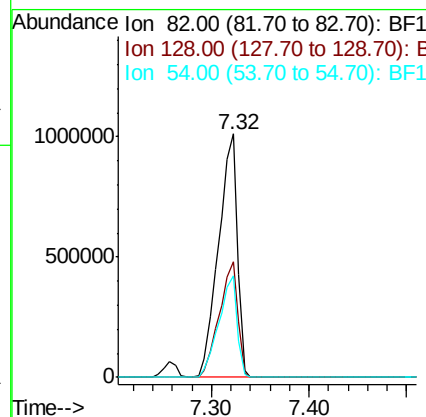
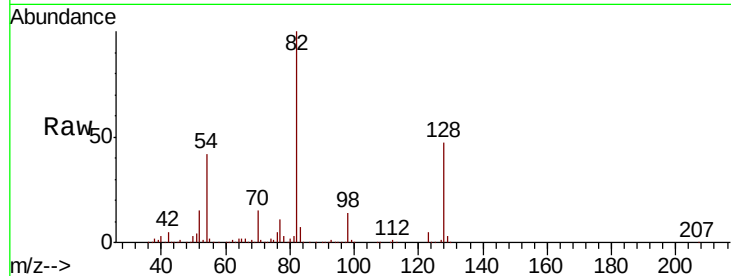
#23
 Nitrobenzene-d5
 Concen: 78.497 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1356308
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.9	56.9
54	41.8	33.4	50.2

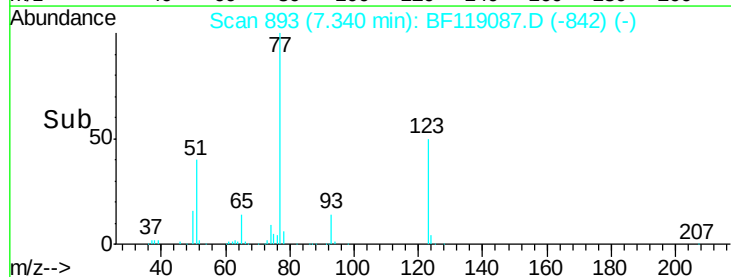
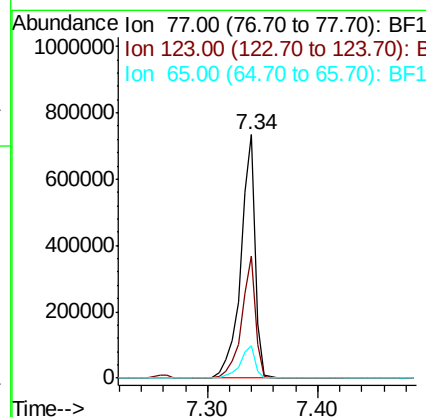
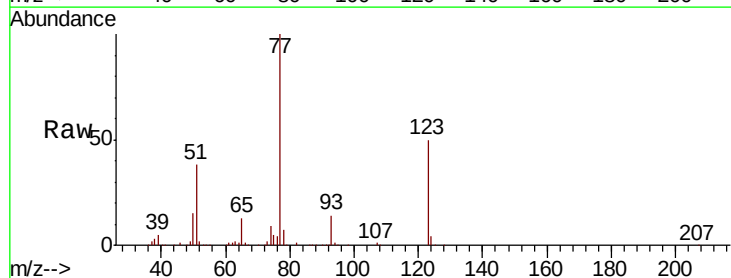
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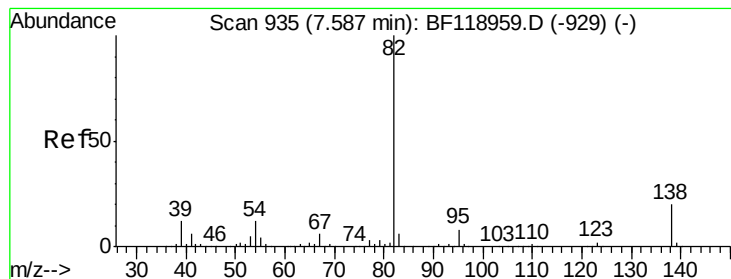
mohammad
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#24
 Nitrobenzene
 Concen: 38.961 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Tgt Ion	77	Resp	665706
Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.2	60.2
65	13.5	10.8	16.2





#25

Isophorone

Concen: 41.142 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1234570

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

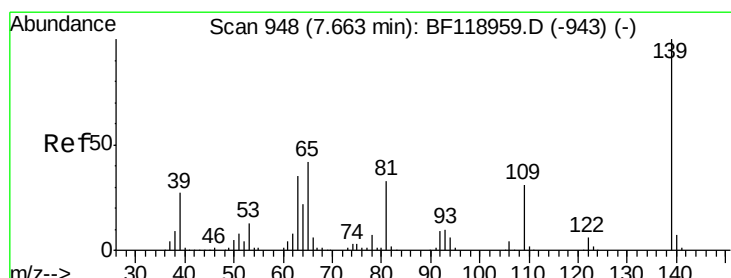
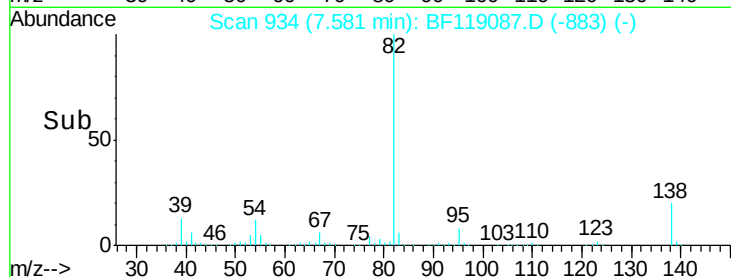
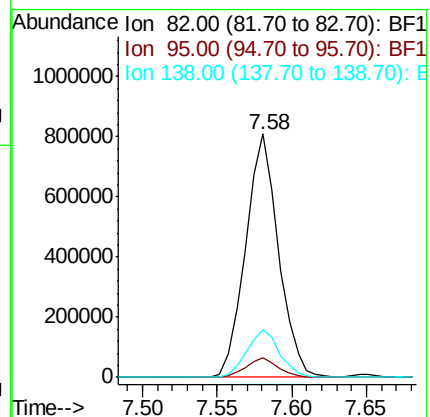
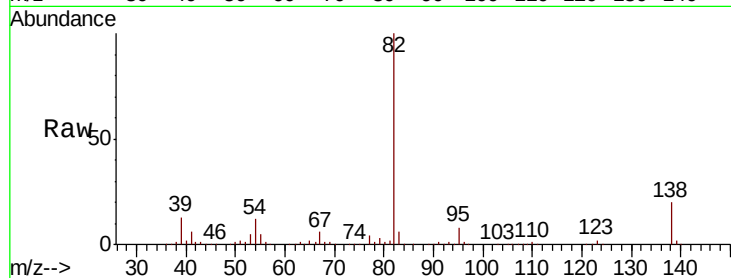
138 19.6 15.7 23.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.954 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

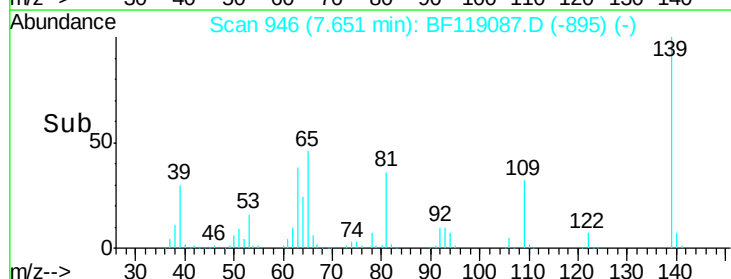
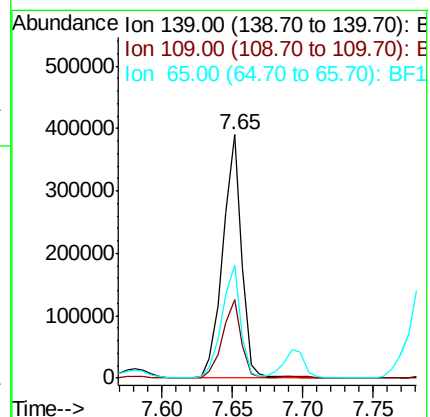
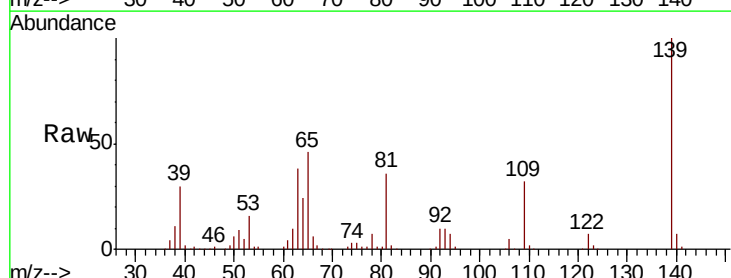
Tgt Ion: 139 Resp: 361713

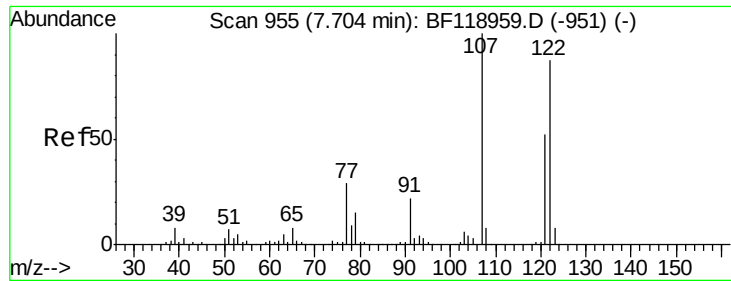
Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

65 46.4 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.240 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

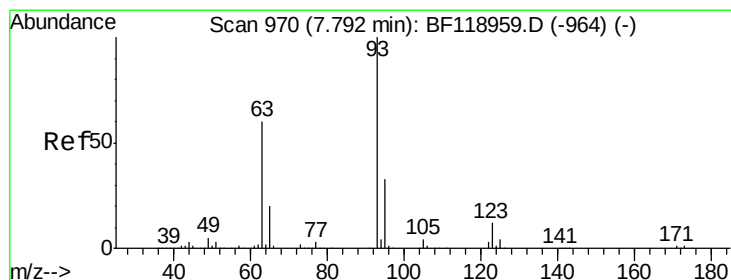
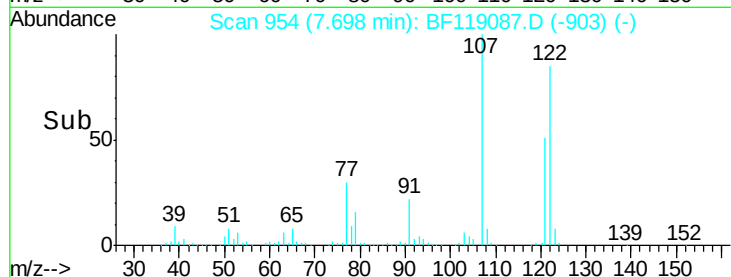
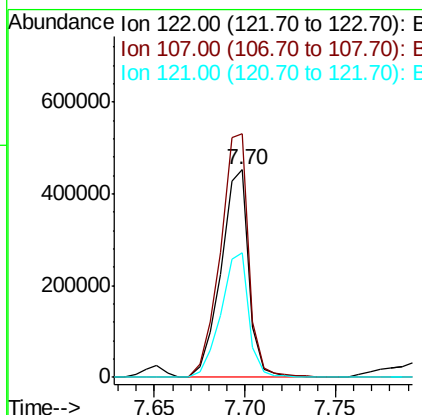
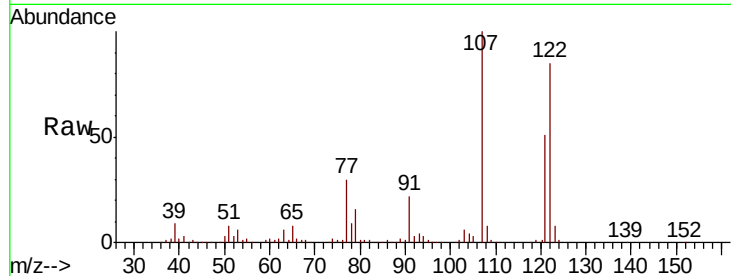
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	482142
Ion Ratio	Lower	Upper	
122	100		
107	117.2	93.8	140.6
121	60.2	48.2	72.2

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#28

bis(2-Chloroethoxy)methane

Concen: 40.025 ng

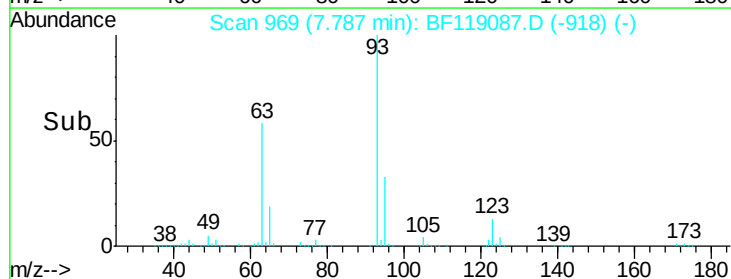
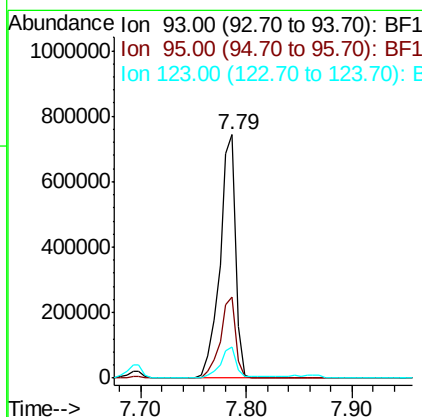
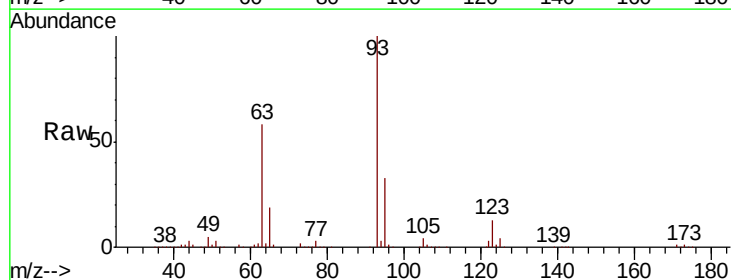
RT: 7.79 min Scan# 969

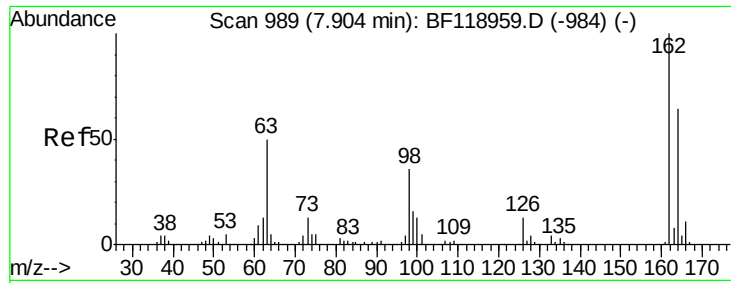
Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Tgt Ion:	93	Resp:	781765
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	12.7	10.2	15.2





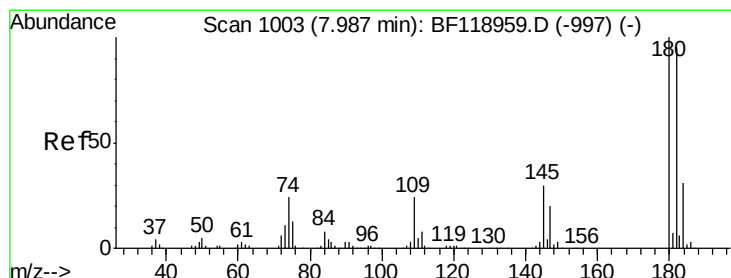
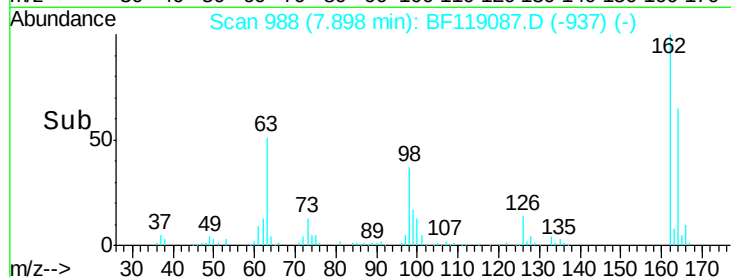
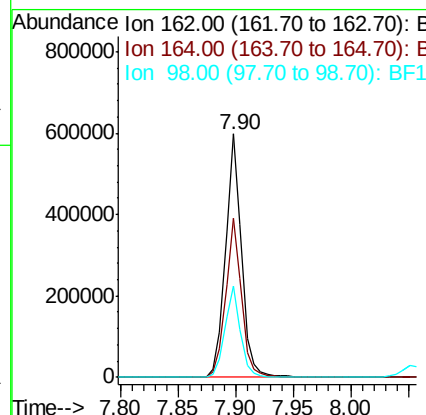
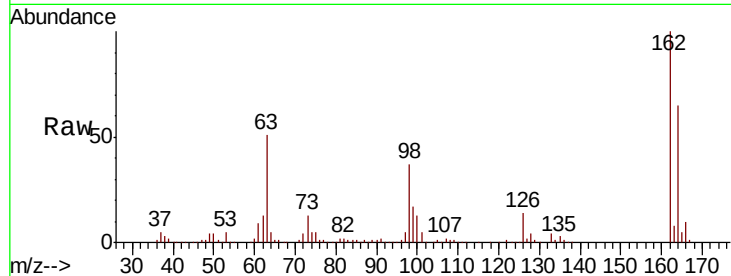
#29
2,4-Dichlorophenol
Concen: 39.768 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	575227		
164	65.2	45.2	85.2	
98	37.4	17.4	57.4	

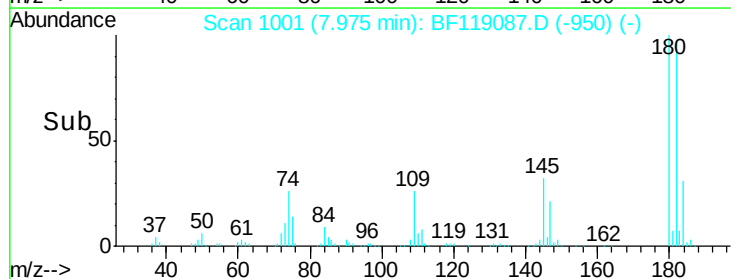
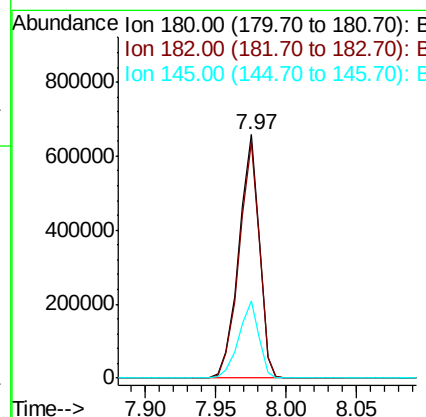
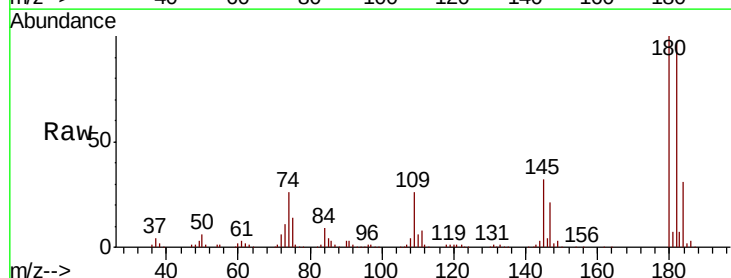
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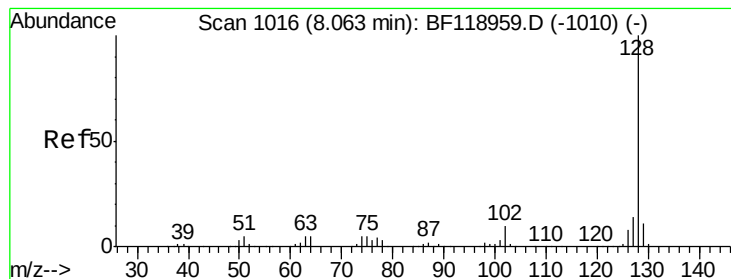
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#30
1,2,4-Trichlorobenzene
Concen: 38.706 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	663802		
182	97.2	77.8	116.6	
145	31.5	25.2	37.8	





#31

Naphthalene

Concen: 38.151 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1805055

Ion Ratio Lower Upper

128 100

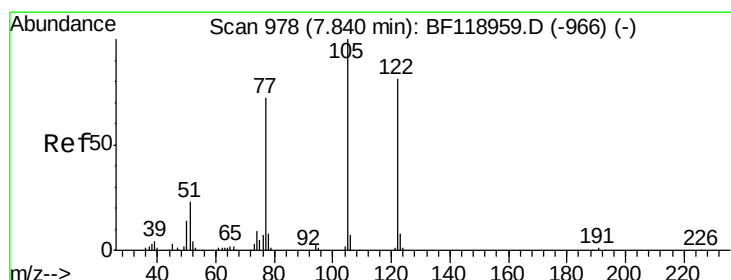
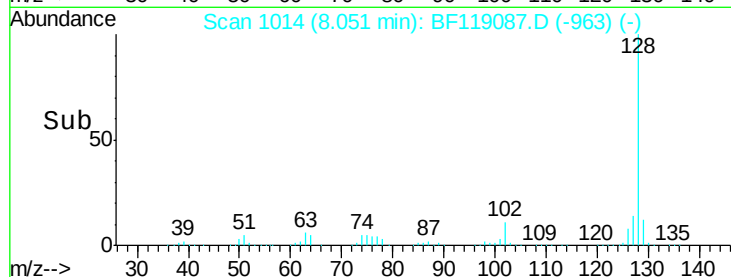
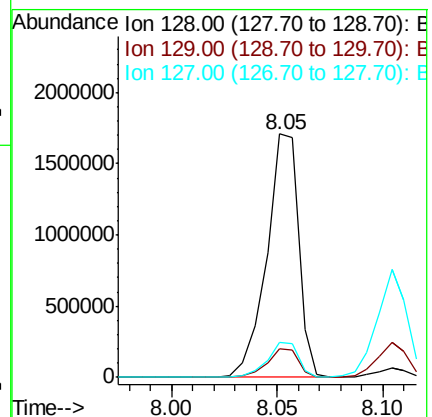
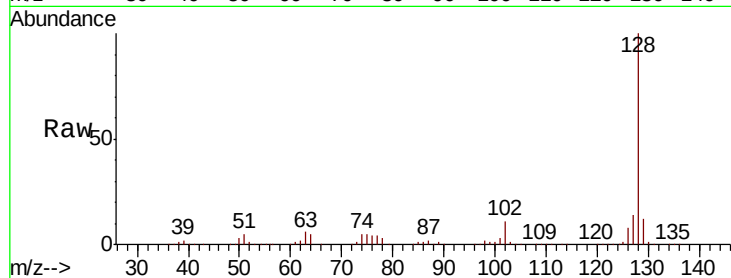
129 11.8 9.4 14.2

127 14.3 11.4 17.2

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#32

Benzoic acid

Concen: 44.406 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

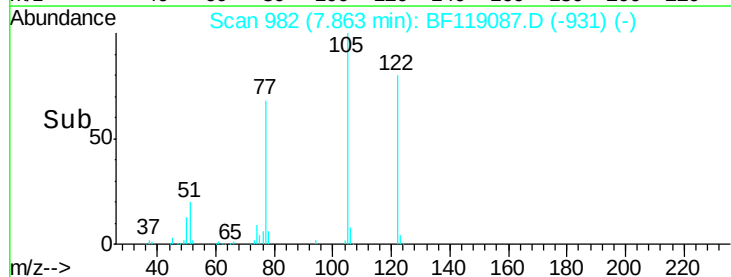
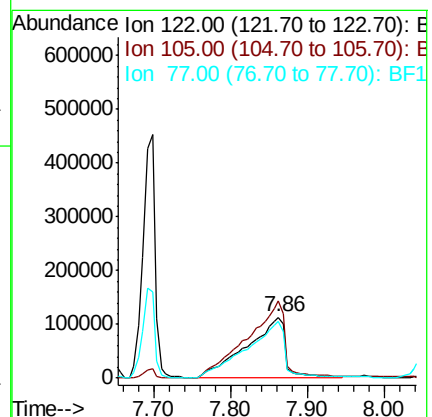
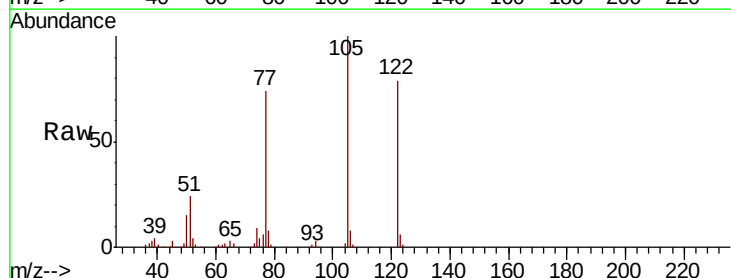
Tgt Ion:122 Resp: 392904

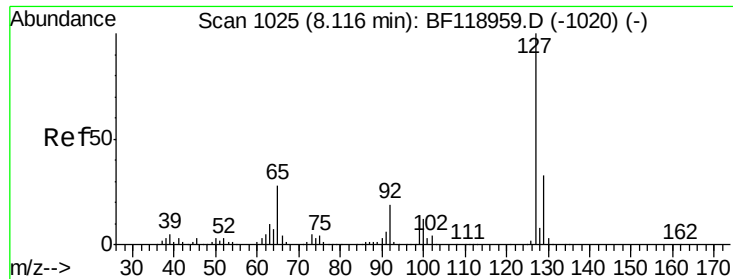
Ion Ratio Lower Upper

122 100

105 126.3 106.3 146.3

77 93.1 73.1 113.1





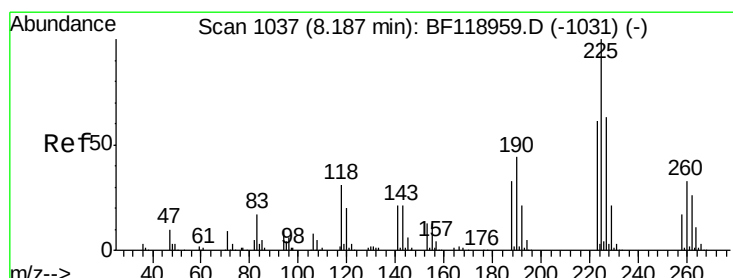
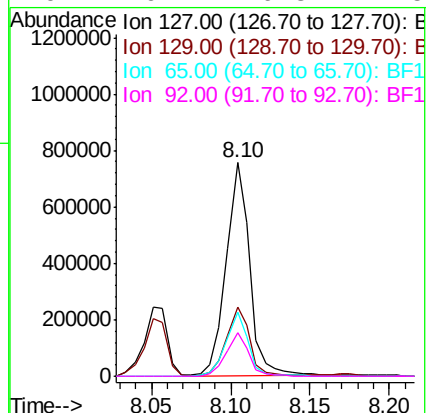
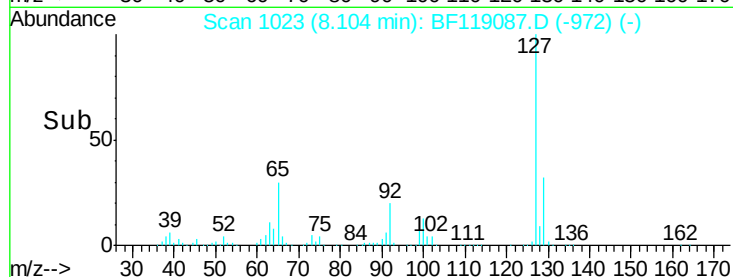
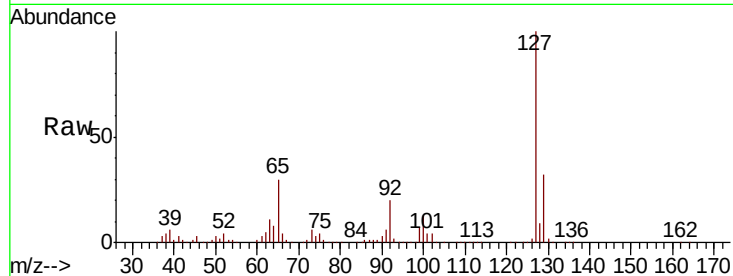
#33
4-Chloroaniline
Concen: 37.995 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.9	23.9	35.9
92	20.4	16.3	24.5

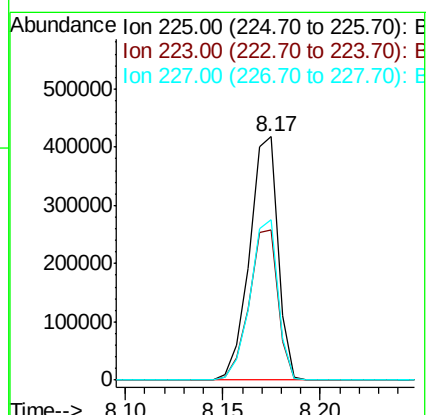
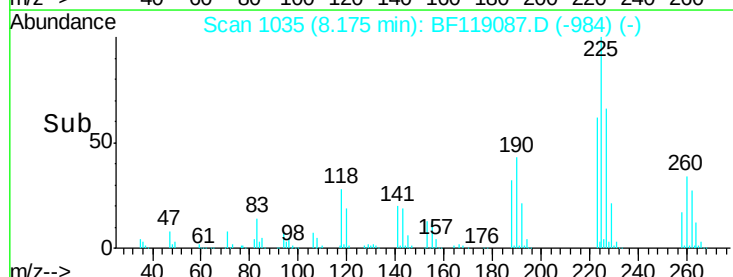
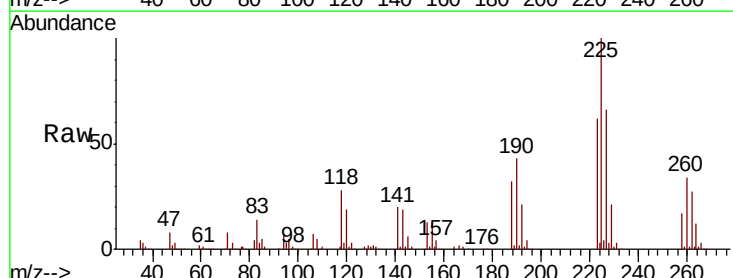
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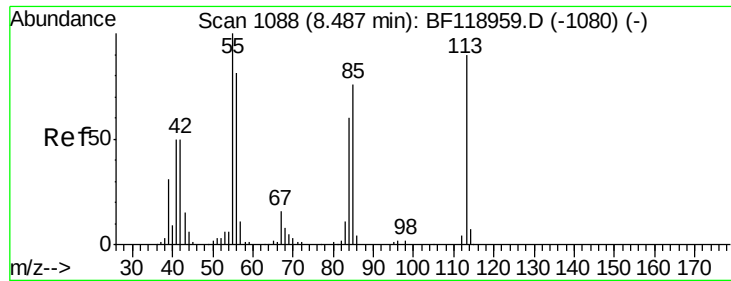
mohammad
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#34
Hexachlorobutadiene
Concen: 39.479 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	66.1	52.9	79.3





#35

Caprolactam

Concen: 41.925 ng/ml

RT: 8.50 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 186727

Ion Ratio Lower Upper

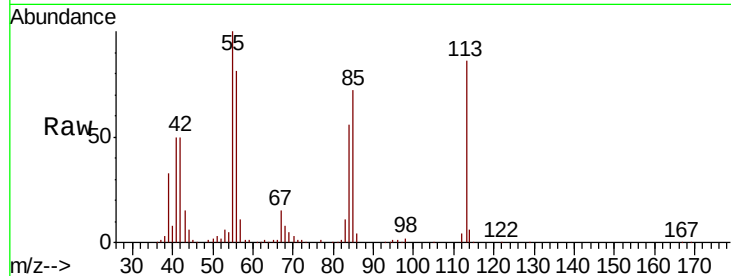
113 100

55 115.7 95.7 135.7

56 93.1 73.1 113.1

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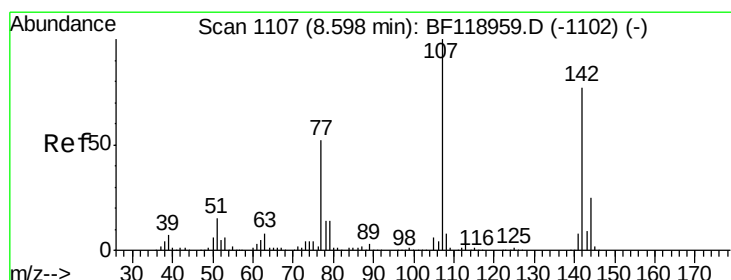
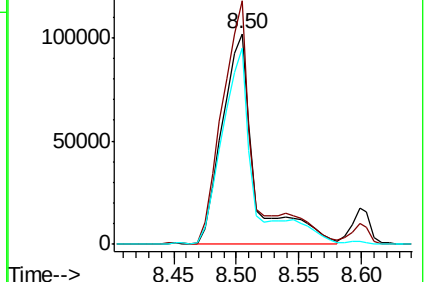
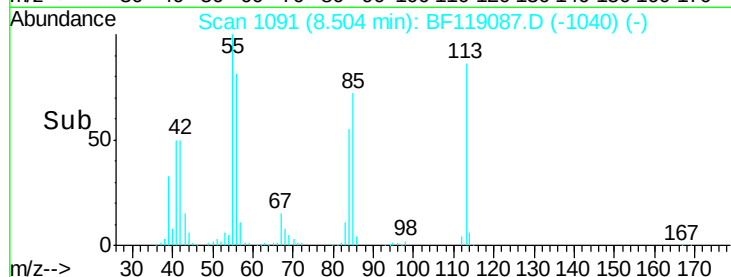
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.844 ng/ml

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

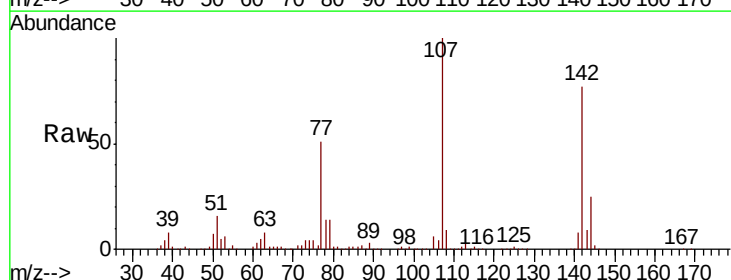
Tgt Ion:107 Resp: 597909

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

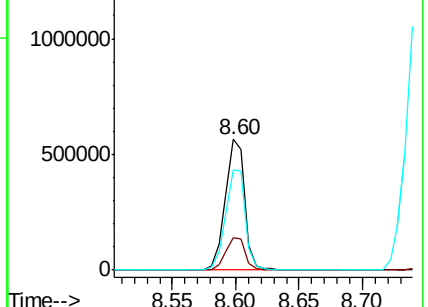
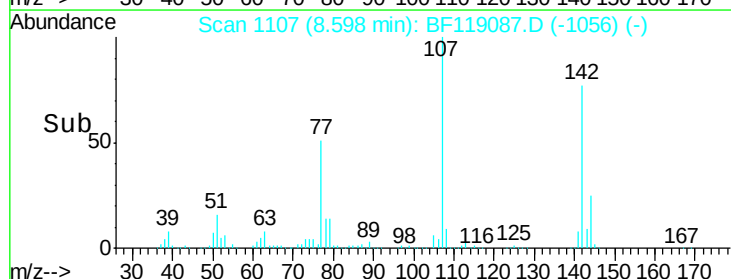
142 76.8 61.4 92.2

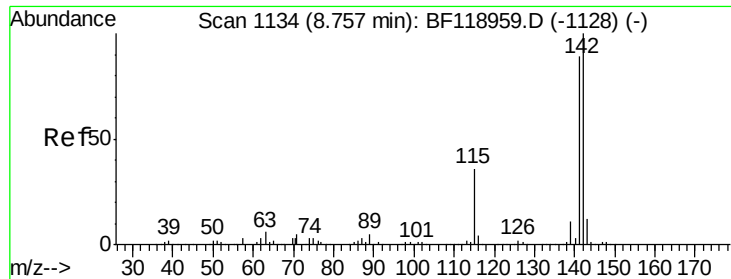


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





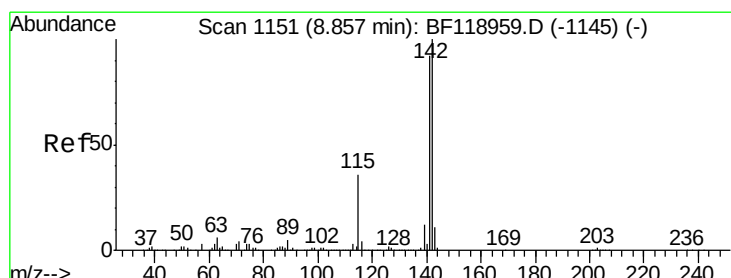
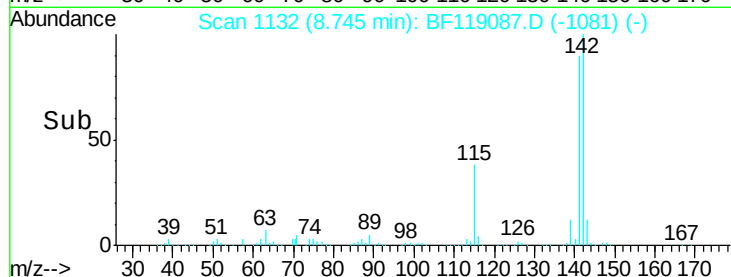
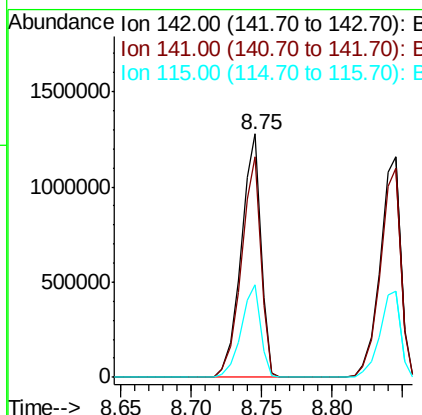
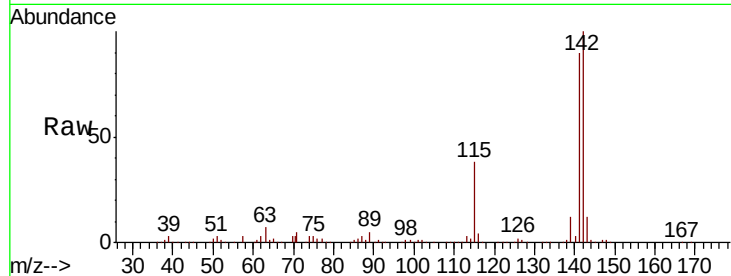
#37
2-Methylnaphthalene
Concen: 39.081 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	38.2	30.6	45.8

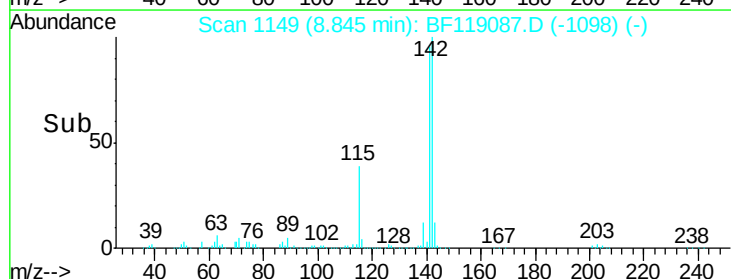
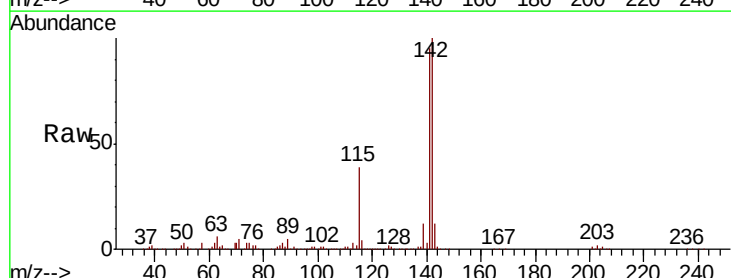
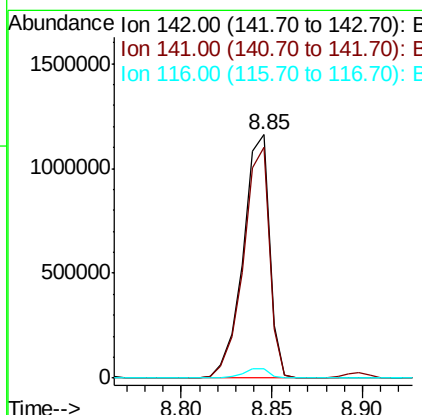
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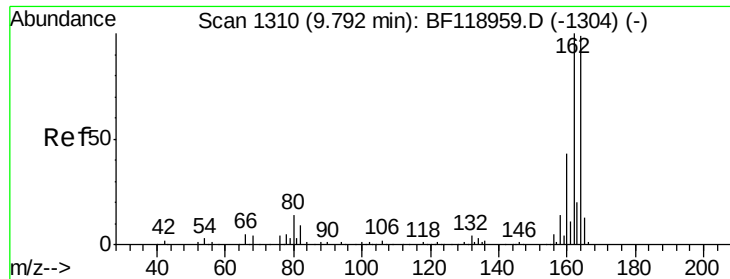
mohammad
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#38
1-Methylnaphthalene
Concen: 39.149 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.9	3.1	4.7





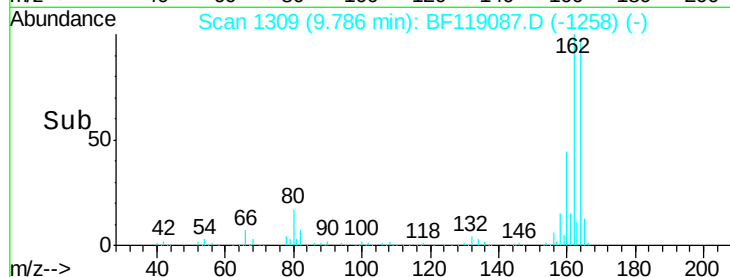
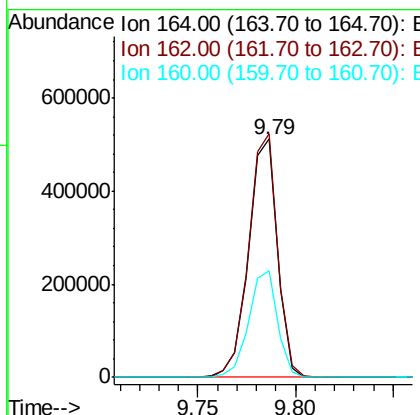
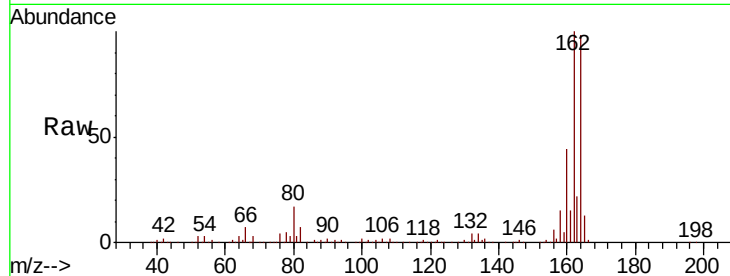
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	45.0	36.0	54.0

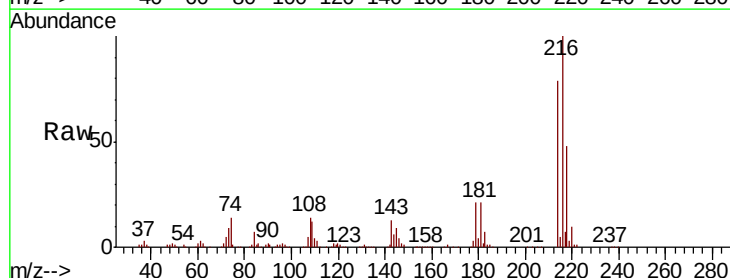
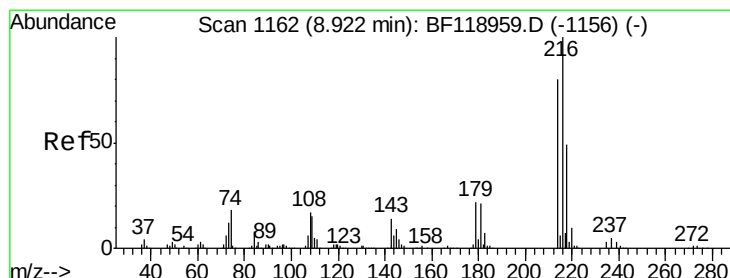
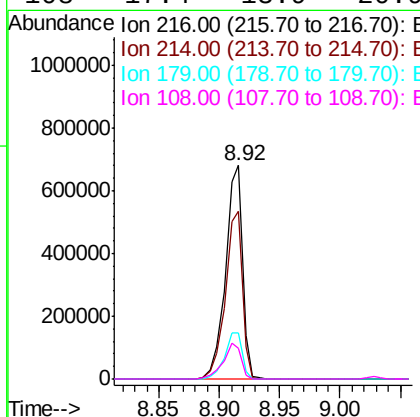
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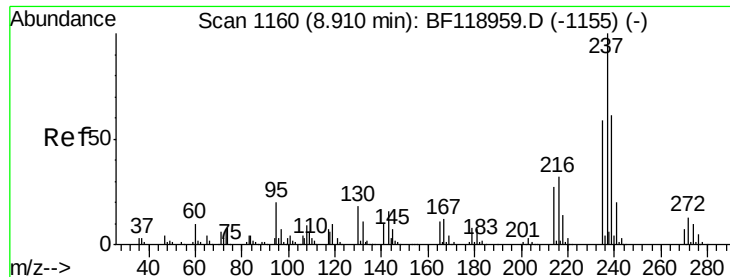
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.649 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	22.1	17.7	26.5
108	17.4	13.9	20.9





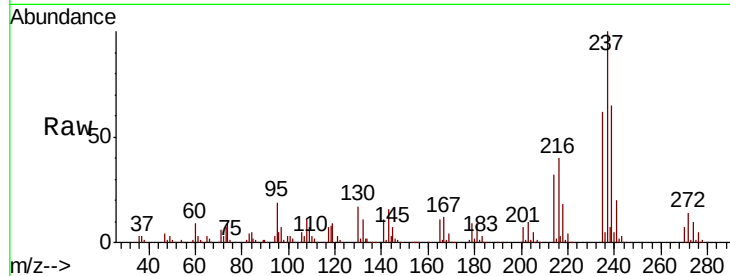
#41
Hexachlorocyclopentadiene
Concen: 38.637 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

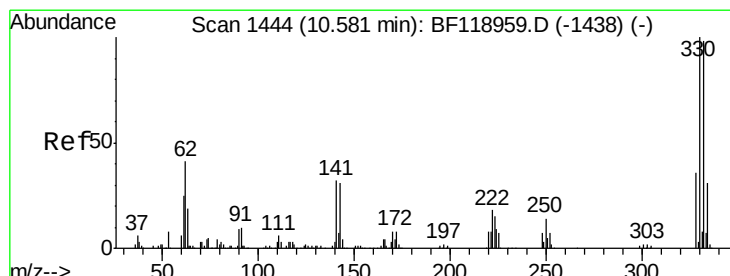
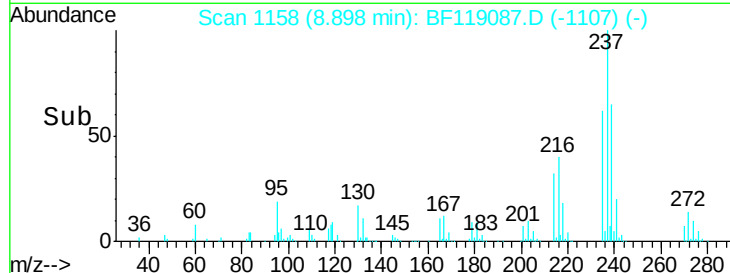
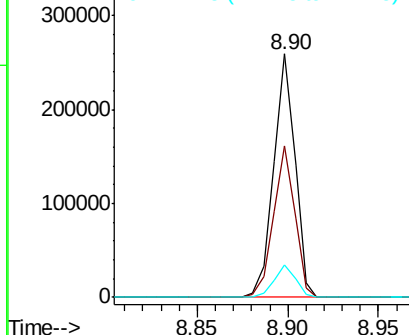
Tot Ion	Ratio	Resp	Lower	Upper
237	100	212258		
235	62.3	42.3	82.3	
272	13.5	0.0	33.5	

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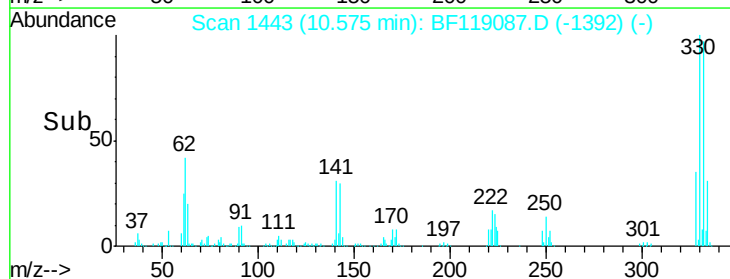
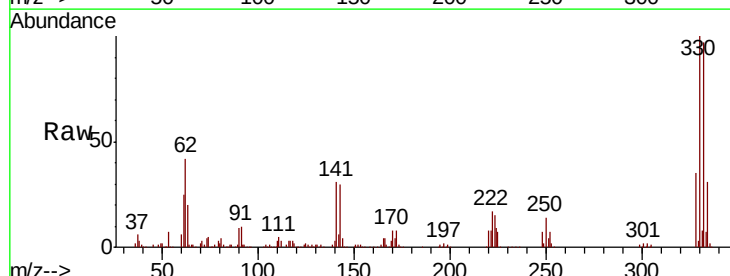
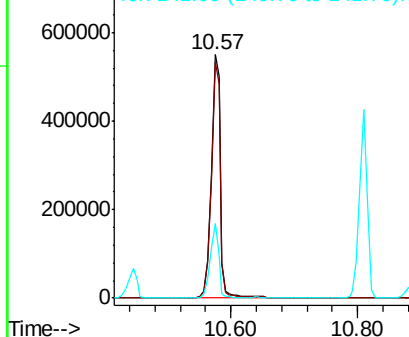
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

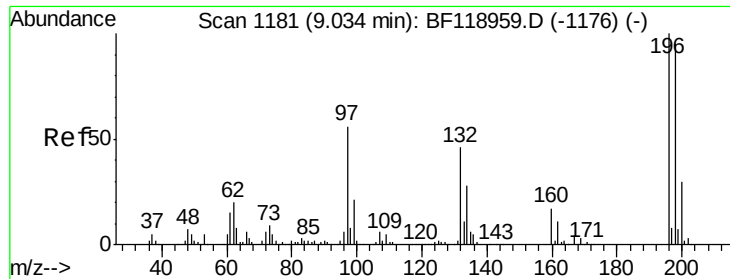


#42
2,4,6-Tribromophenol
Concen: 82.845 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	565716		
332	95.0	76.0	114.0	
141	28.6	22.9	34.3	

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





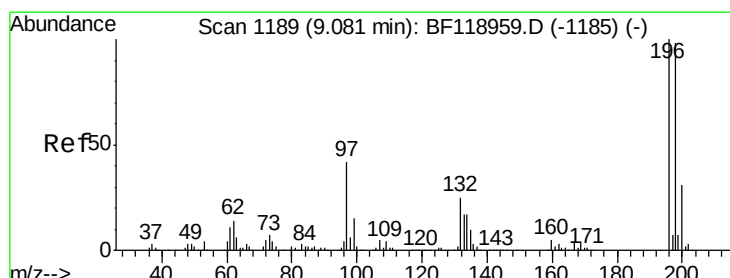
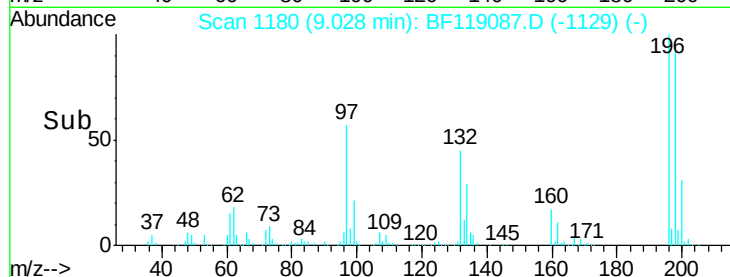
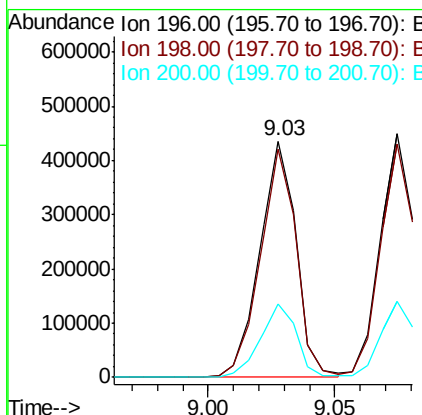
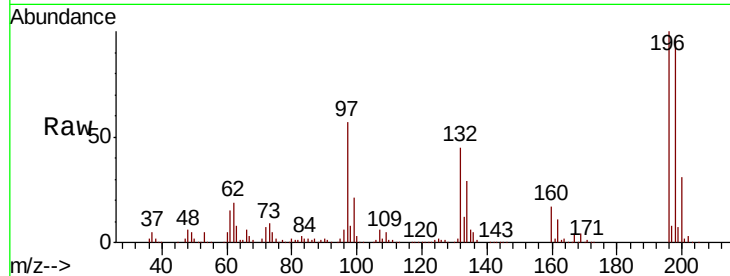
#43
2,4,6-Trichlorophenol
Concen: 39.272 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	436469		
198	96.4	77.1	115.7	
200	31.3	25.0	37.6	

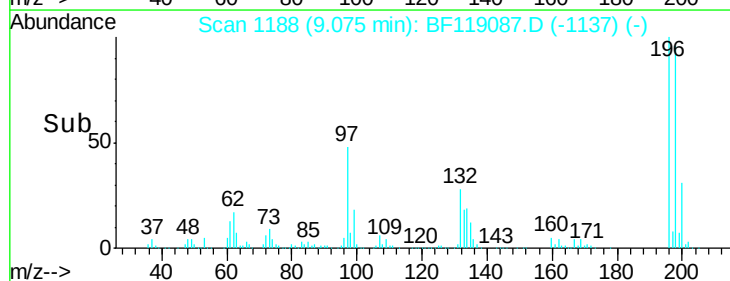
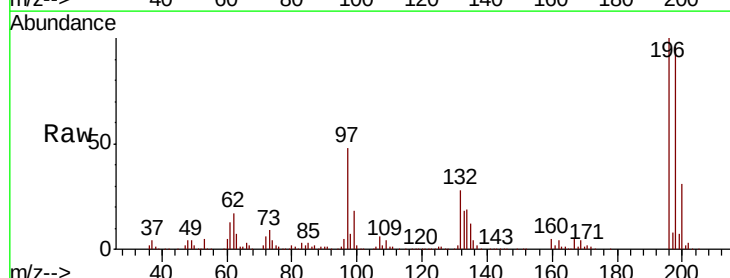
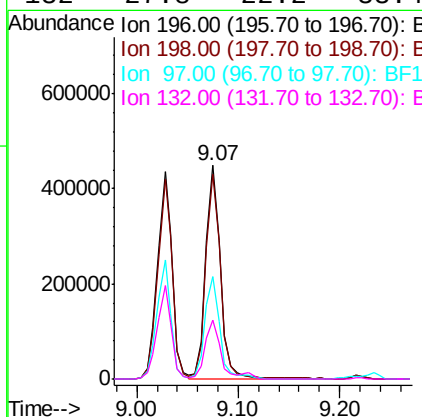
Manual Integrations
APPROVED

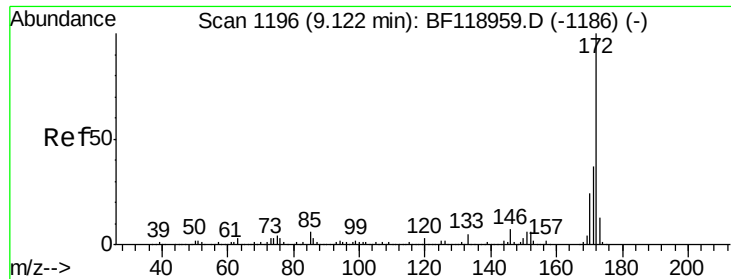
mohammad
2/27/2020 4:58:20 PM



#44
2,4,5-Trichlorophenol
Concen: 38.701 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	451352		
198	96.0	76.8	115.2	
97	48.1	38.5	57.7	
132	27.8	22.2	33.4	





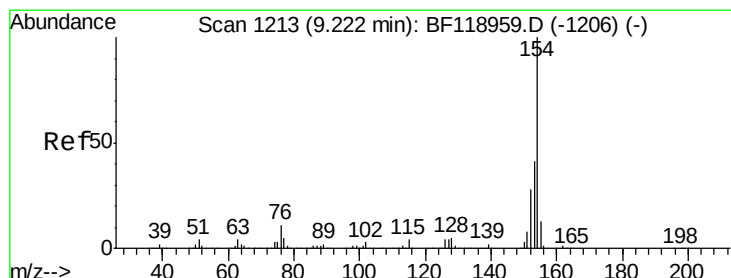
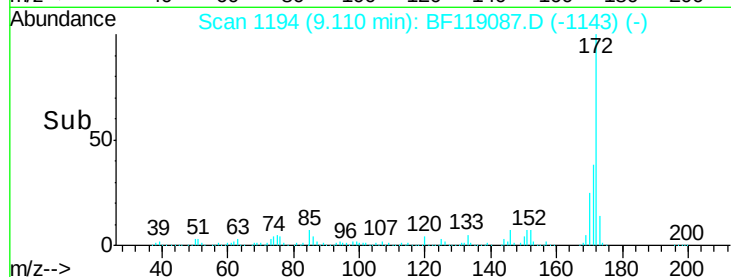
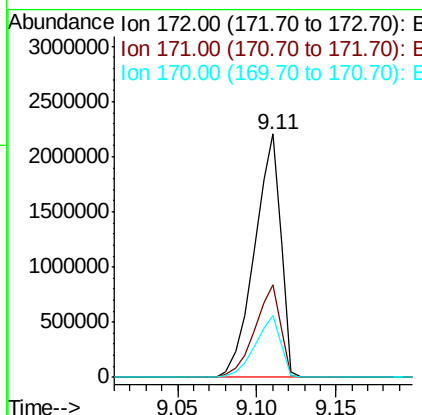
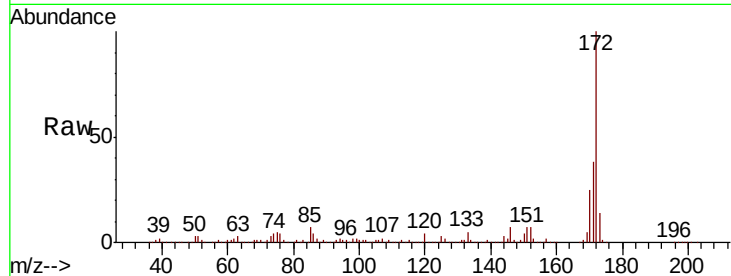
#45
2-Fluorobiphenyl
Concen: 72.042 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	45.8
170	25.2	20.2	30.2

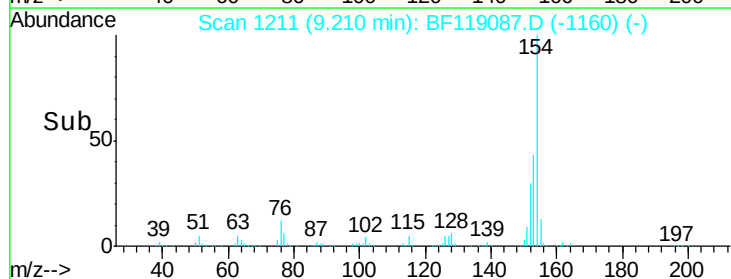
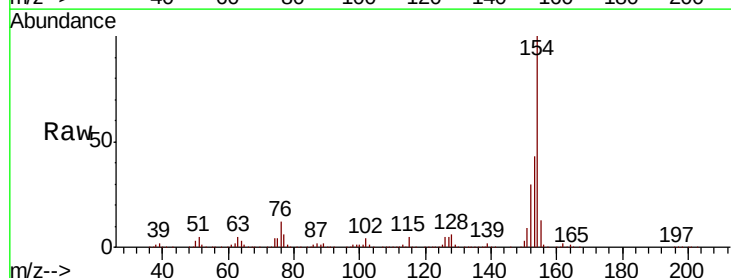
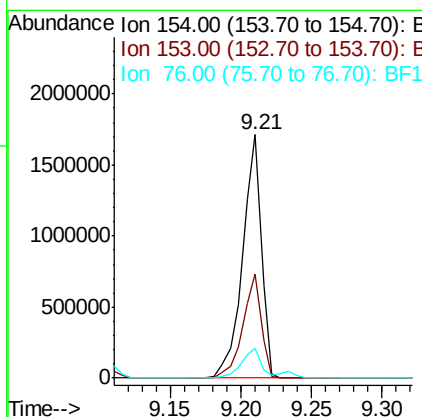
Manual Integrations
APPROVED

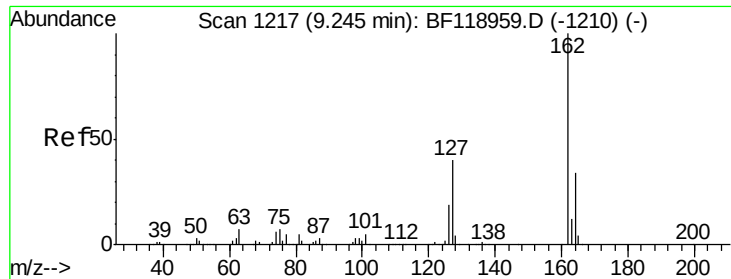
mohammad
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#46
1,1'-Biphenyl
Concen: 37.636 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.8	62.8
76	12.2	0.0	32.2





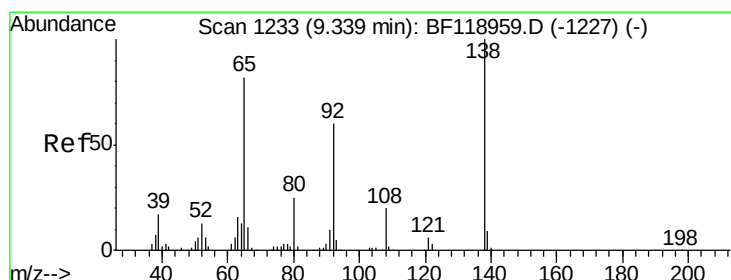
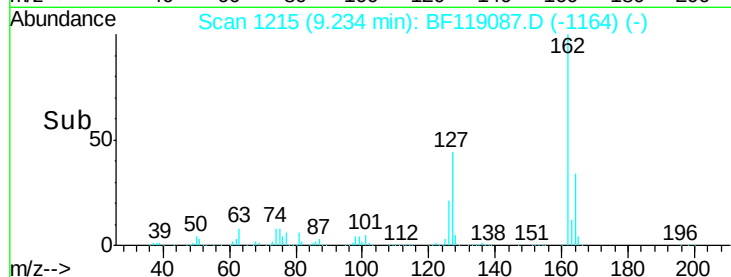
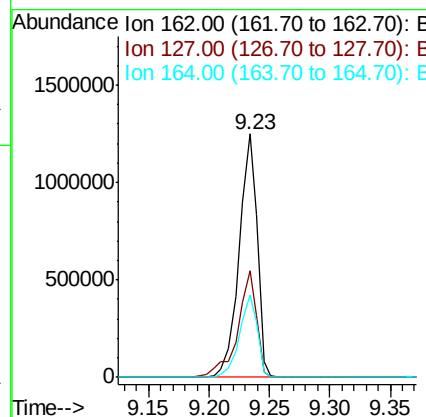
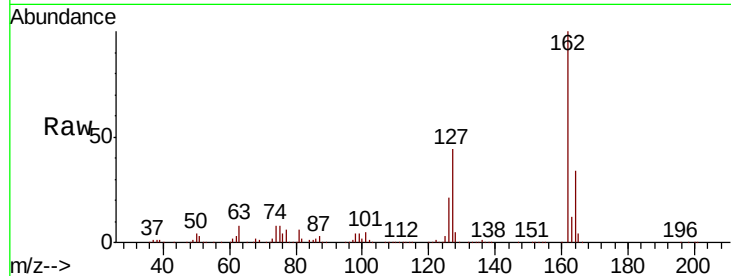
#47
2-Chloronaphthalene
Concen: 38.292 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.0	52.4
164	34.0	27.2	40.8

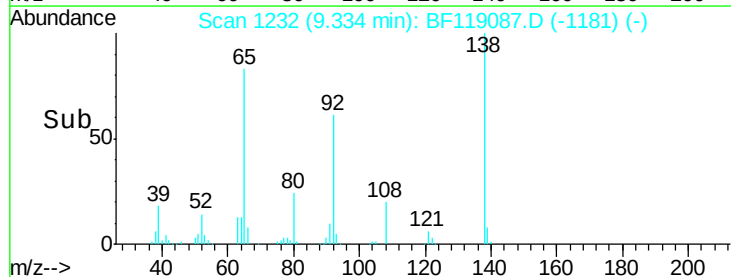
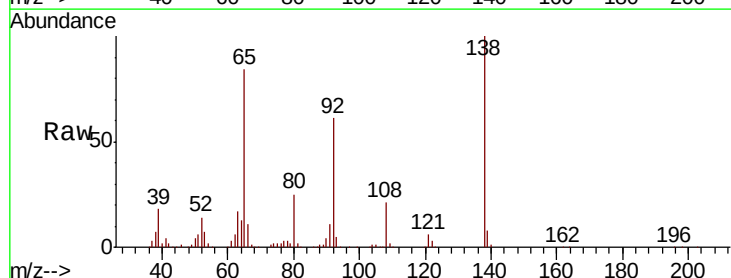
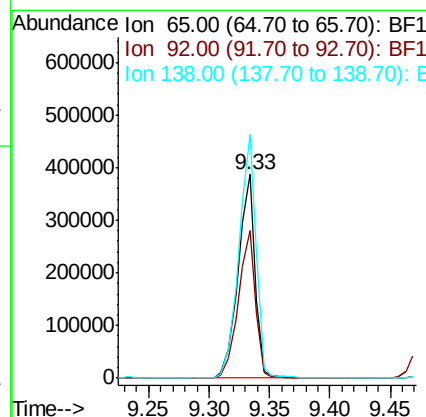
Manual Integrations
APPROVED

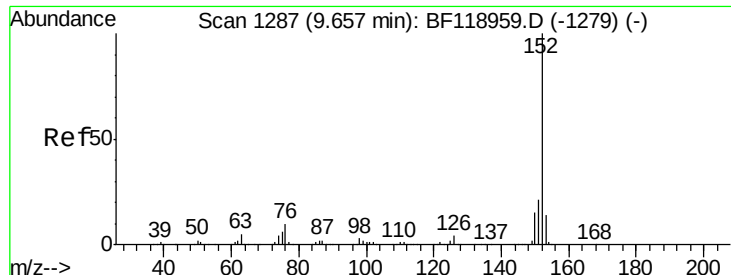
mohammad
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#48
2-Nitroaniline
Concen: 40.292 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	119.5	95.6	143.4





#49

Acenaphthylene

Concen: 37.599 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1846205

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

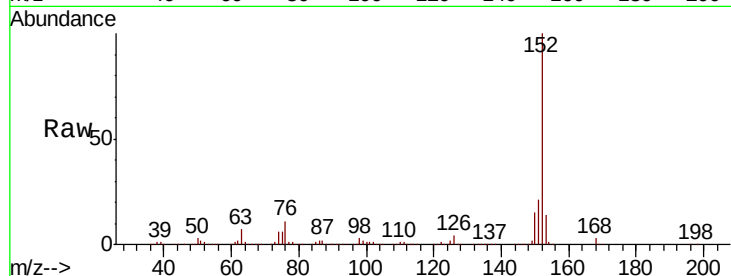
153 13.8 11.0 16.6

Manual Integrations

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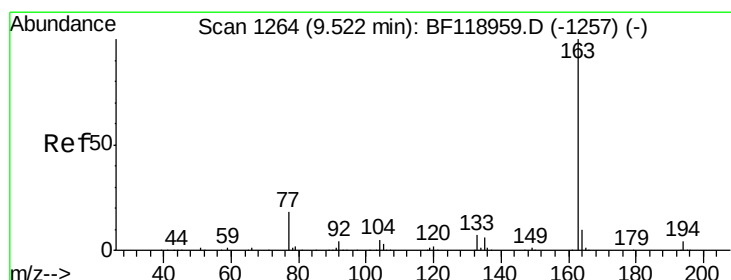
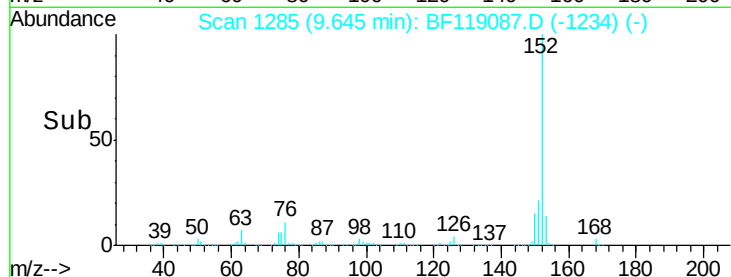
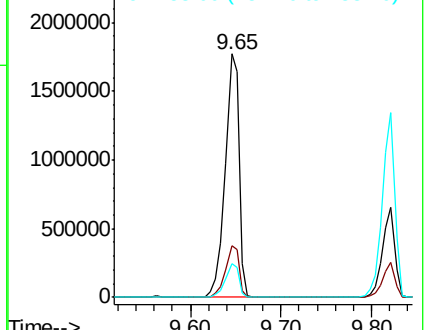
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.835 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

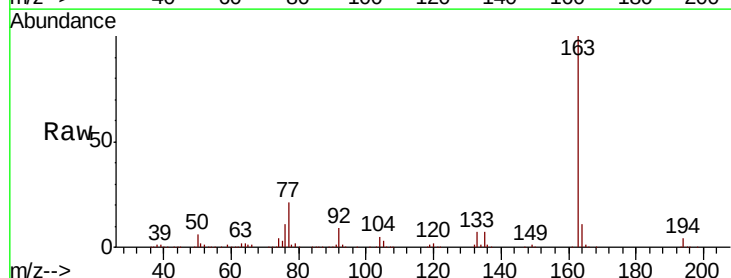
Tgt Ion:163 Resp: 1629965

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

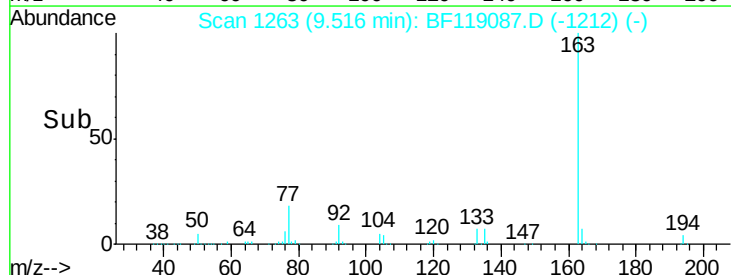
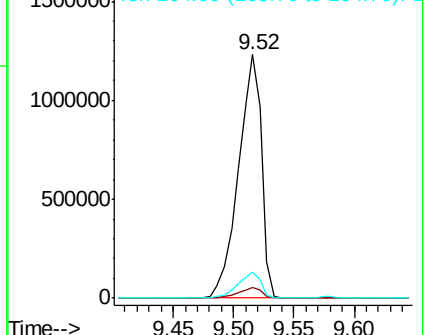
164 10.5 8.4 12.6

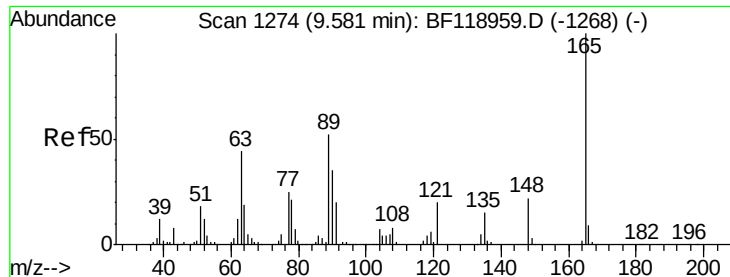


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.261 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

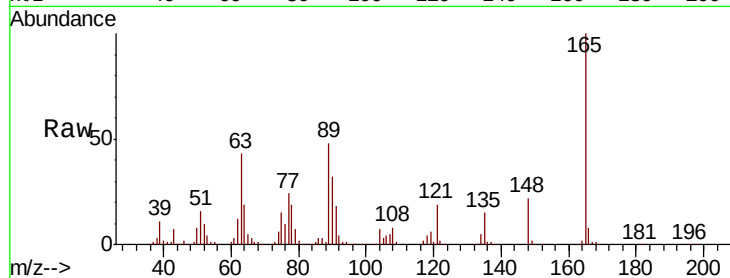
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	357044
Ion Ratio	Lower	Upper	
165	100		
63	42.9	34.3	51.5
89	47.9	38.3	57.5

Manual Integrations
APPROVED

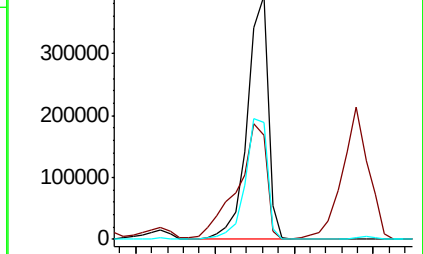
mohammad
2/27/2020 4:58:20 PM



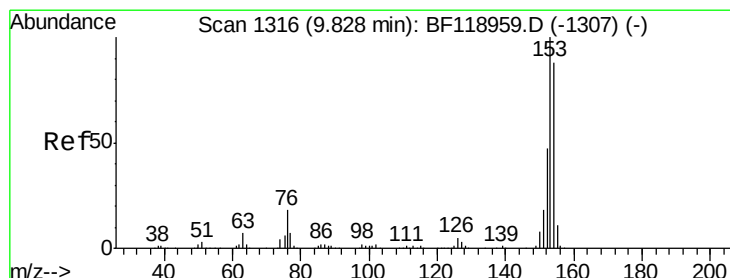
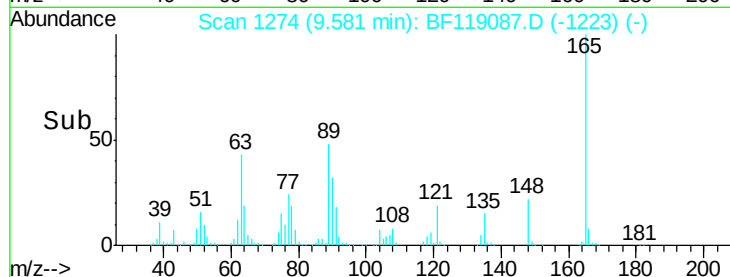
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 38.087 ng

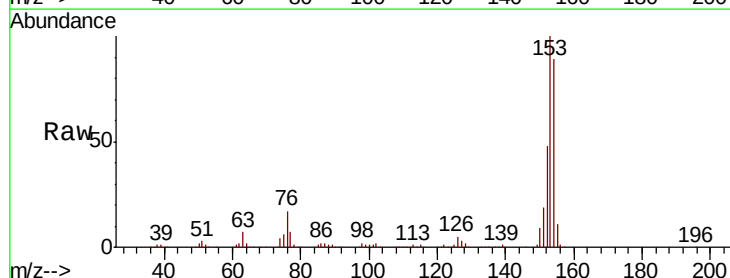
RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

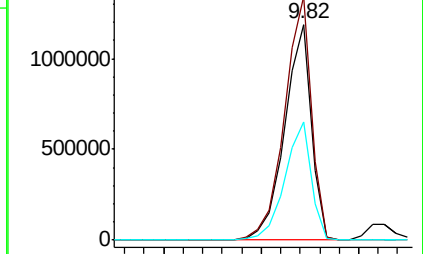
Tgt Ion:	154	Resp:	1127678
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.3	135.5
152	54.8	43.8	65.8



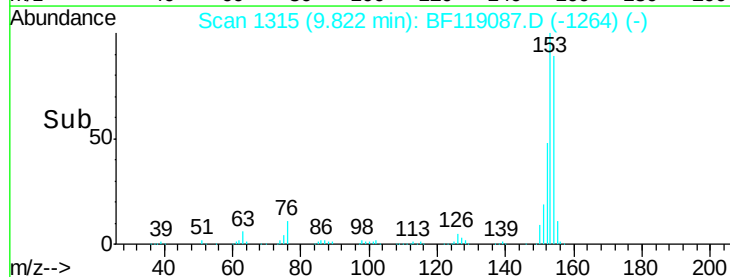
Abundance Ion 154.00 (153.70 to 154.70): E

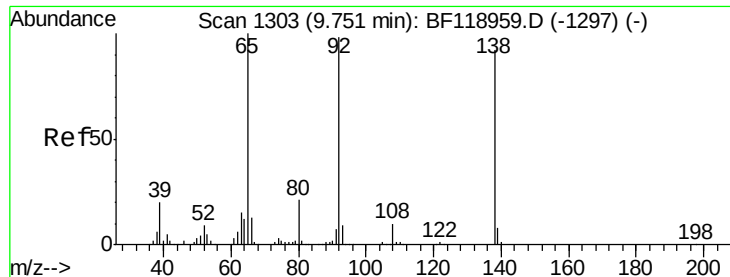
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





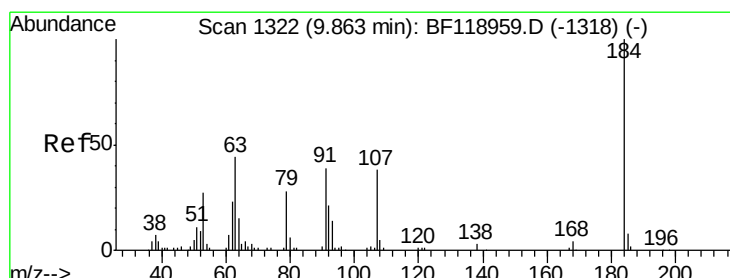
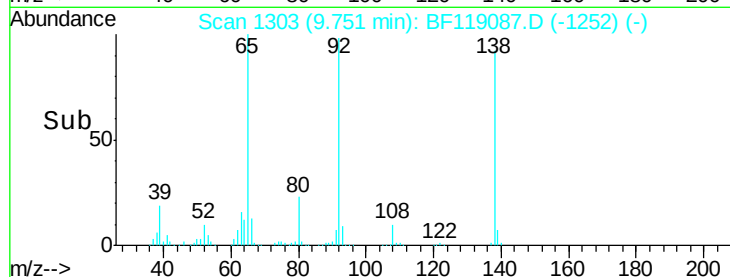
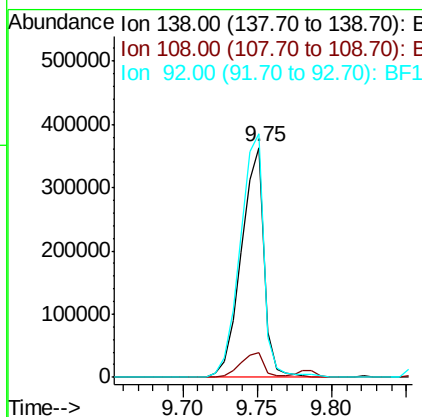
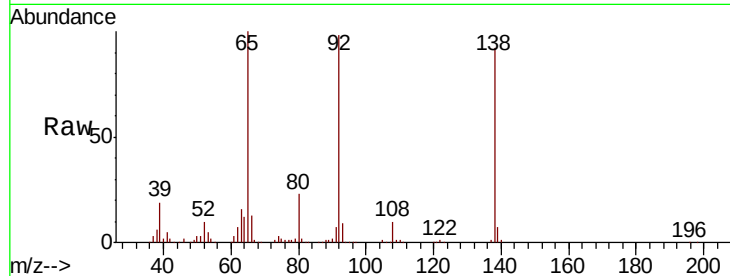
#53
3-Nitroaniline
Concen: 39.266 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	106.0	84.8	127.2

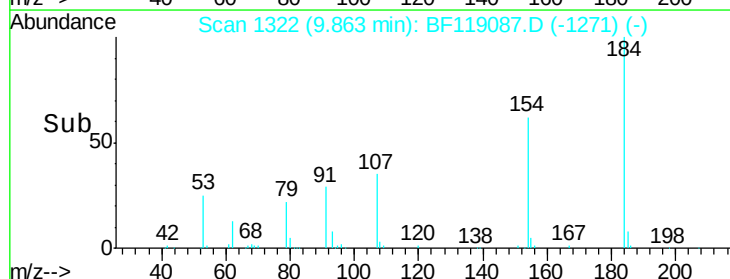
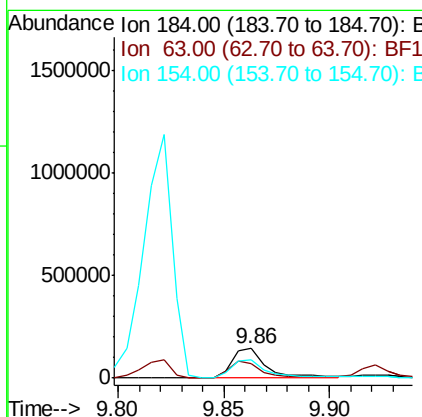
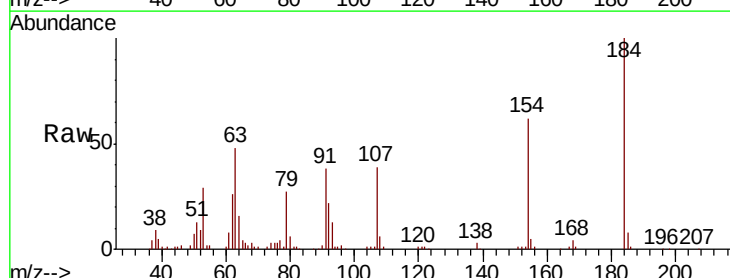
Manual Integrations
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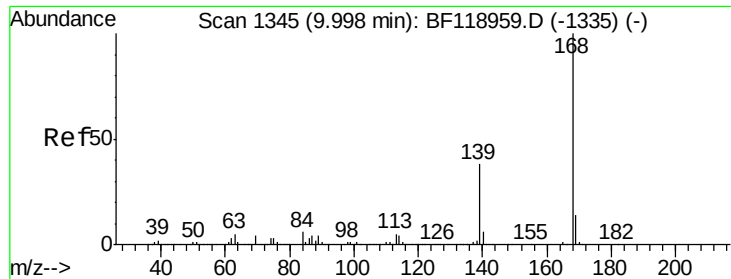
mohammad
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#54
2,4-Dinitrophenol
Concen: 41.967 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.4	38.7	58.1
154	62.1	49.7	74.5





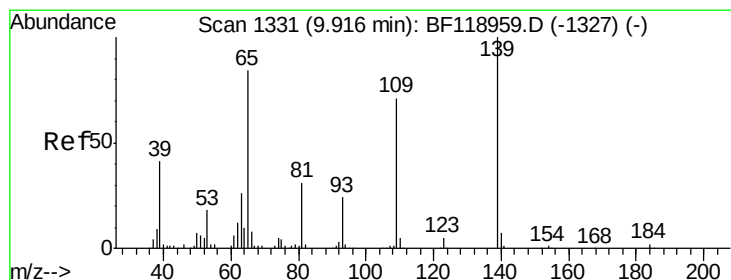
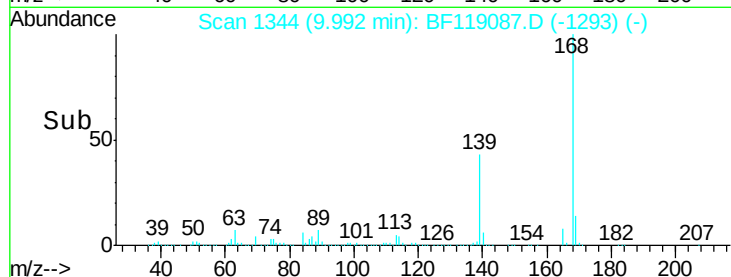
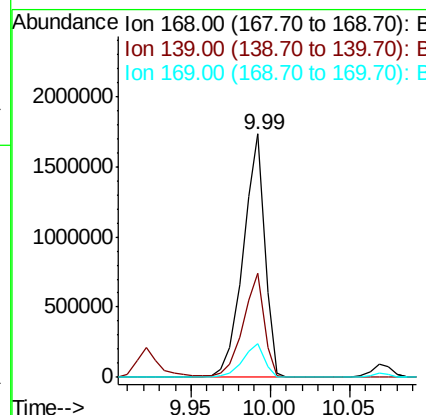
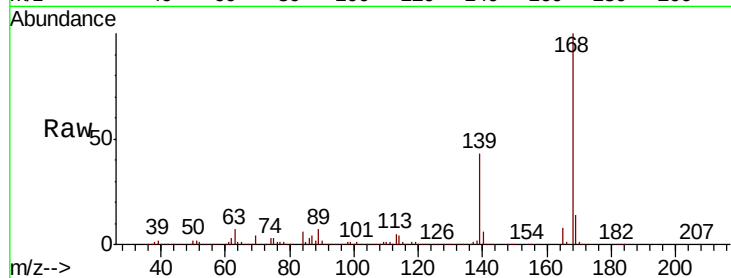
#55
Dibenzenofuran
Concen: 36.885 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.0	51.0
169	13.7	11.0	16.4

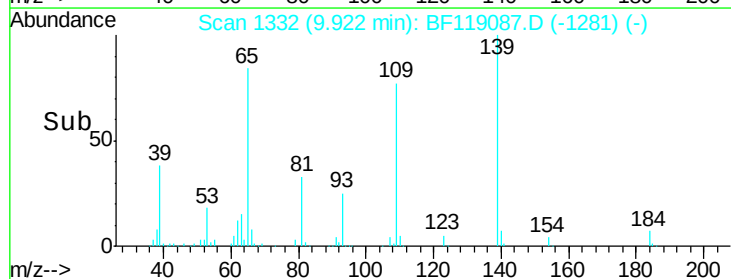
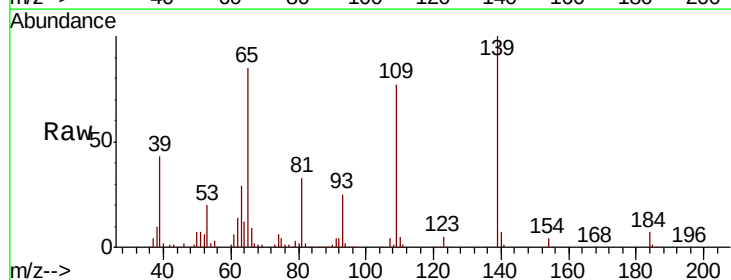
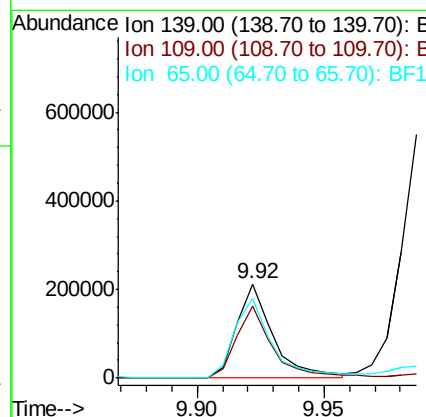
Manual Integrations
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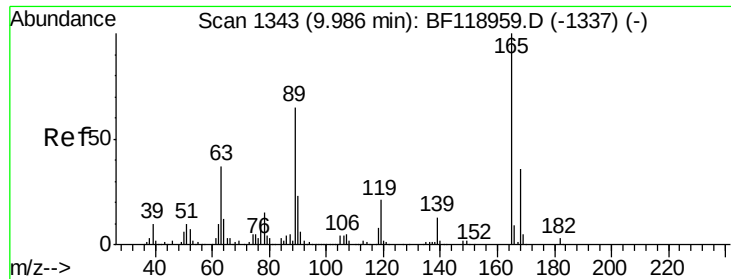
mohammad
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#56
4-Nitrophenol
Concen: 35.949 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	56.7	96.7
65	85.0	65.0	105.0





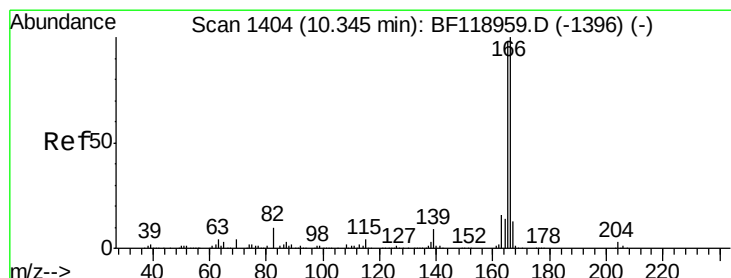
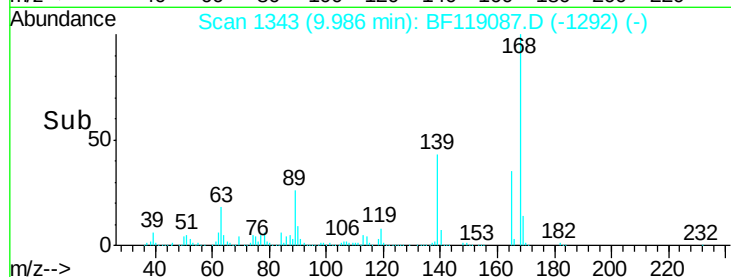
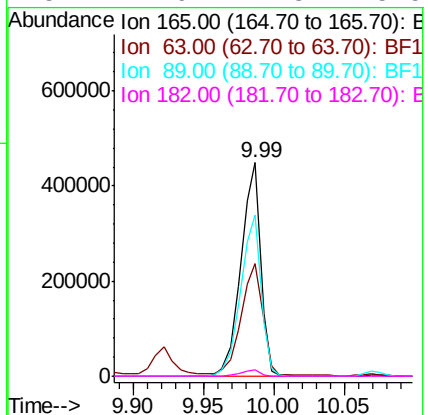
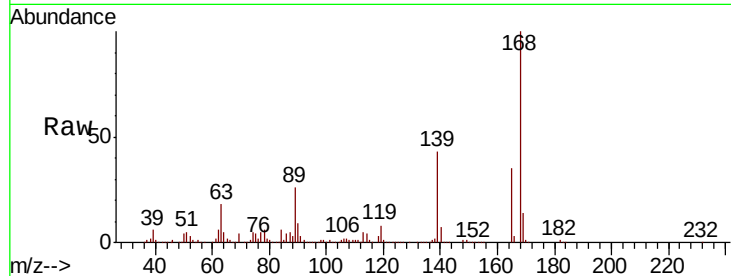
#57
 2,4-Dinitrotoluene
 Concen: 38.067 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	42.3	63.5
89	75.3	60.2	90.4
182	2.9	2.3	3.5

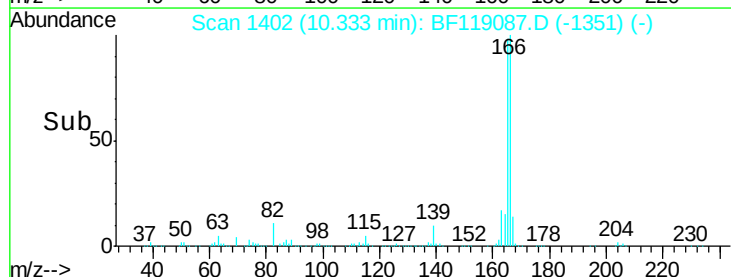
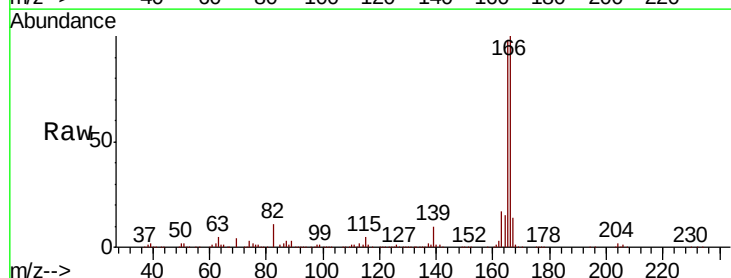
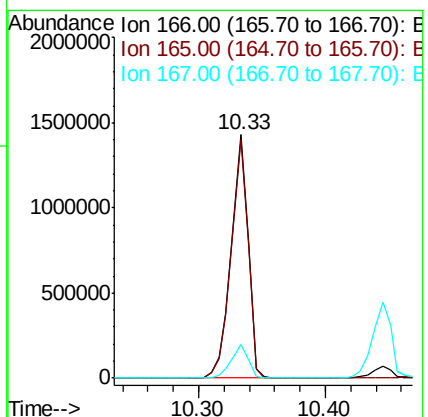
Manual Integrations
 APPROVED

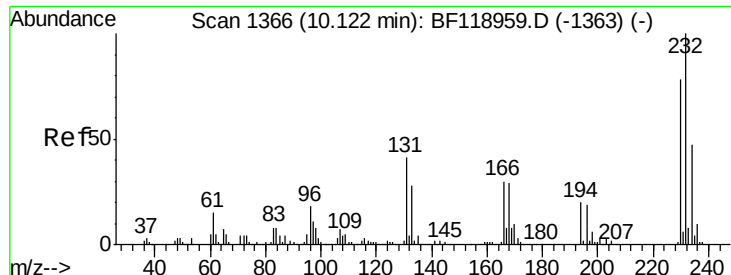
mohammad
 2/27/2020 4:58:20 PM



#58
 Fluorene
 Concen: 38.385 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.7	11.0	16.4





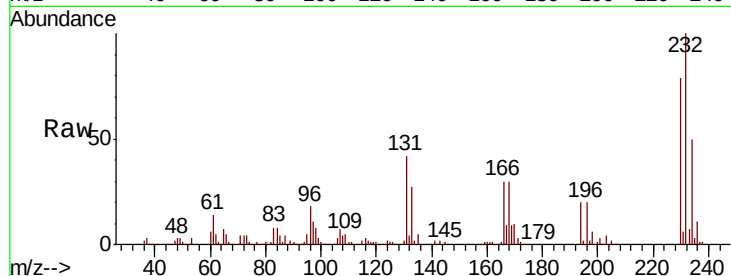
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.348 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

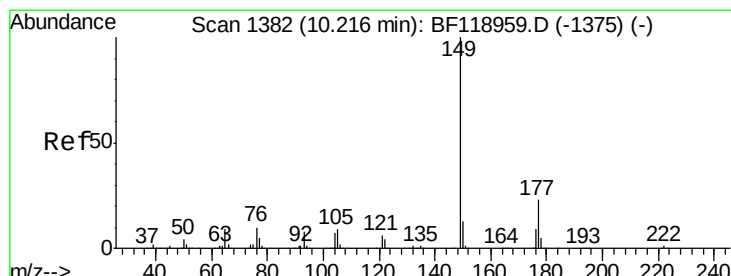
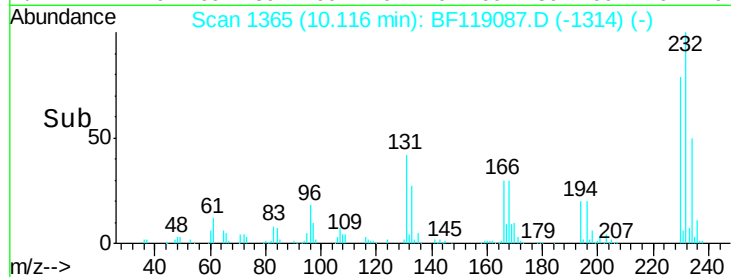
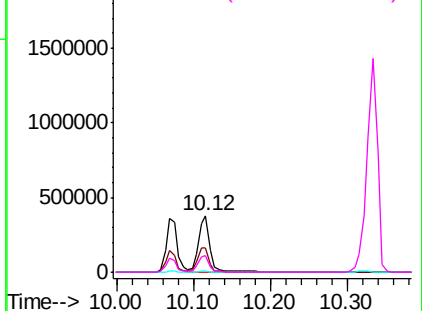
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.8	50.8
130	2.2	1.8	2.6
166	28.7	23.0	34.4

Manual Integrations
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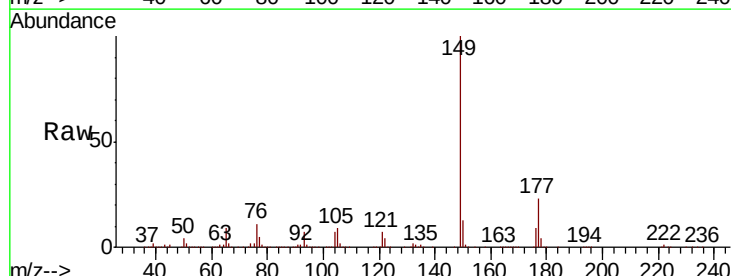


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

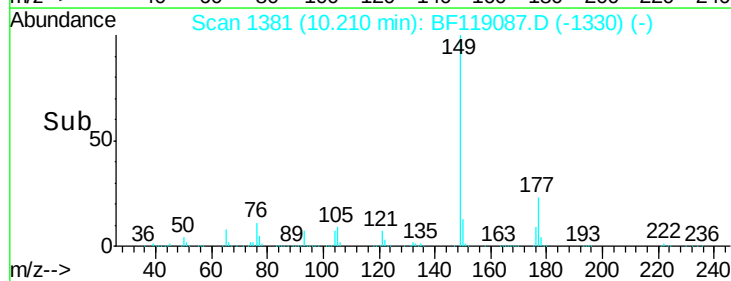
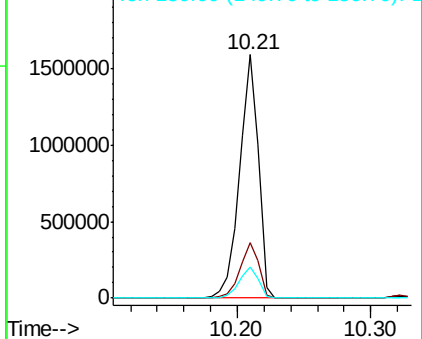


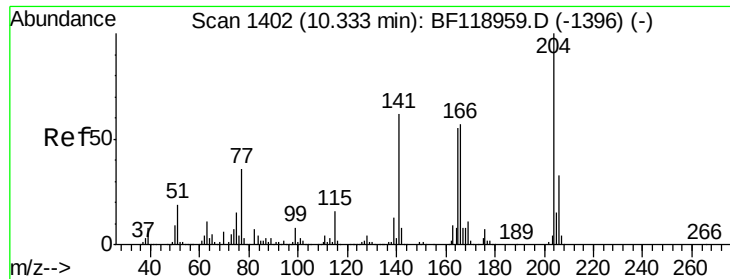
#60
 Diethylphthalate
 Concen: 41.278 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF119087.D
 Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	13.1	10.5	15.7



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





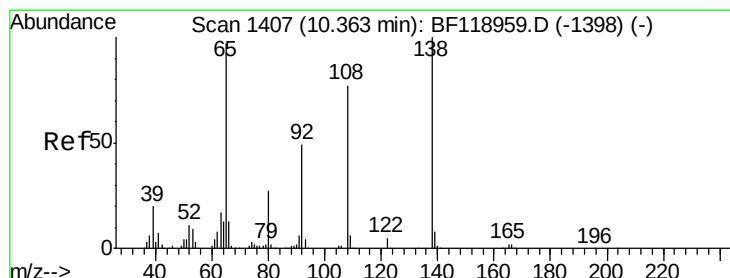
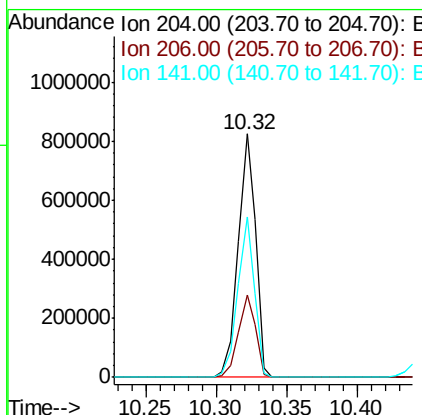
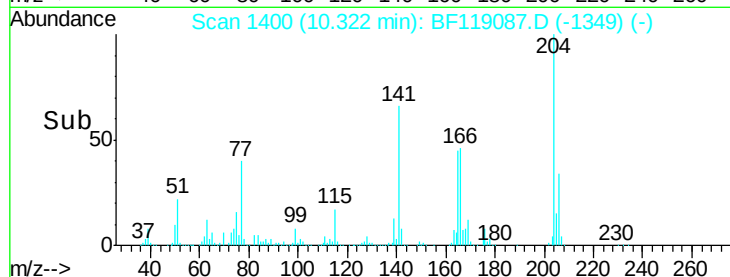
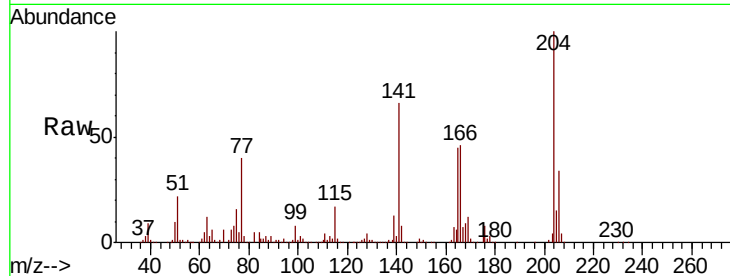
#61
4-Chlorophenyl-phenylether
Concen: 38.964 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	66.1	52.9	79.3

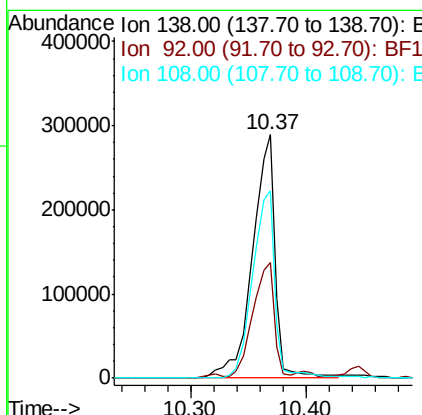
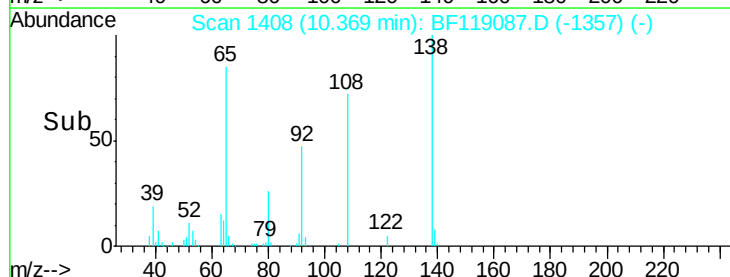
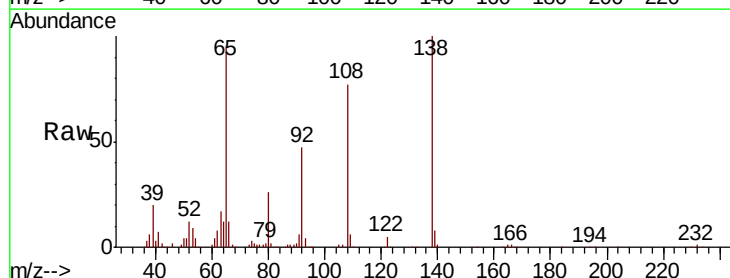
Manual Integrations
APPROVED

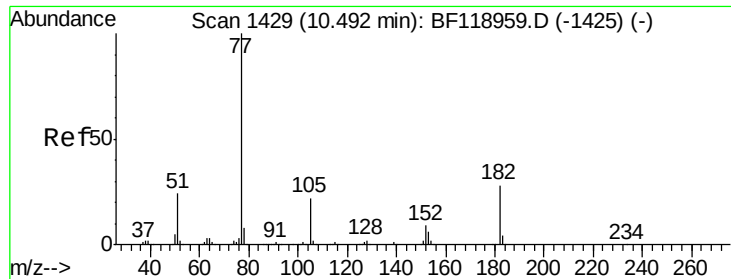
mohammad
2/27/2020 4:58:20 PM



#62
4-Nitroaniline
Concen: 39.655 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	77.0	57.0	97.0





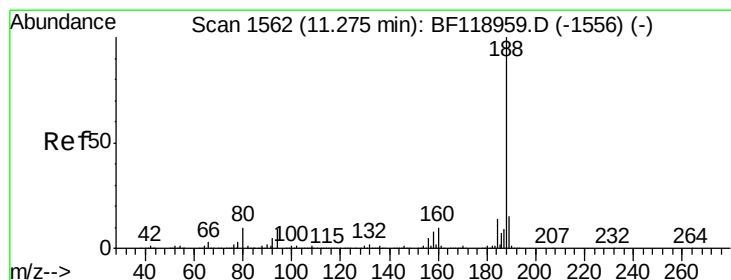
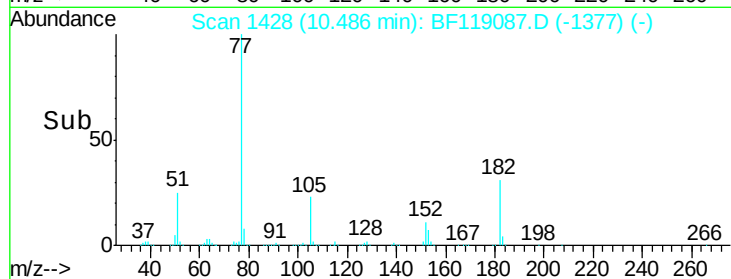
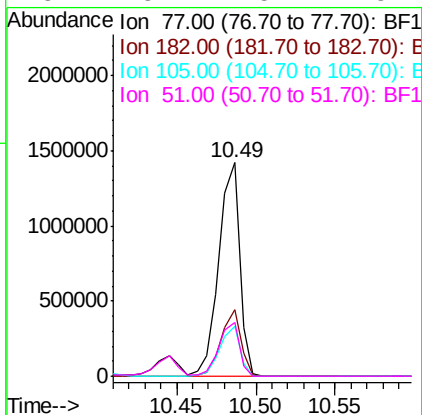
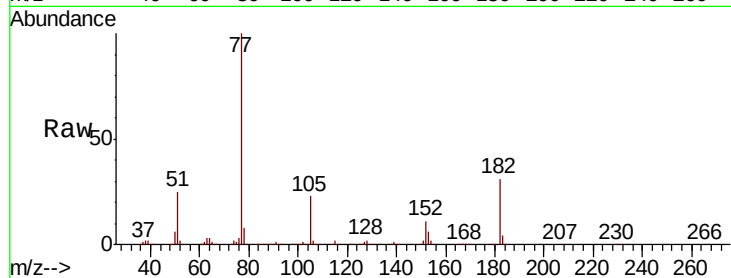
#63
Azobenzene
Concen: 39.951 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.4	11.4	51.4	
105	23.4	3.4	43.4	
51	25.1	5.1	45.1	

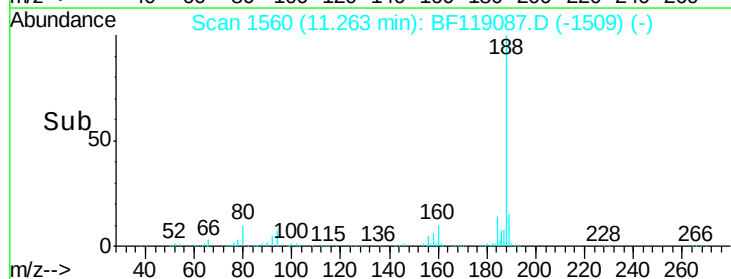
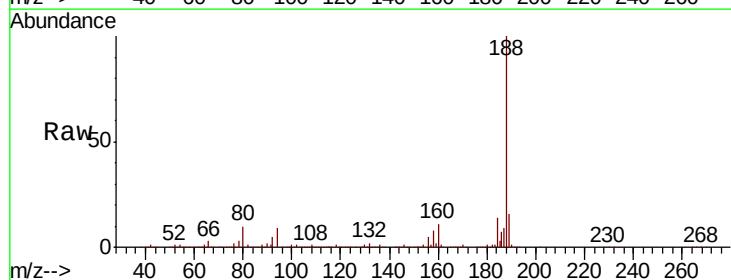
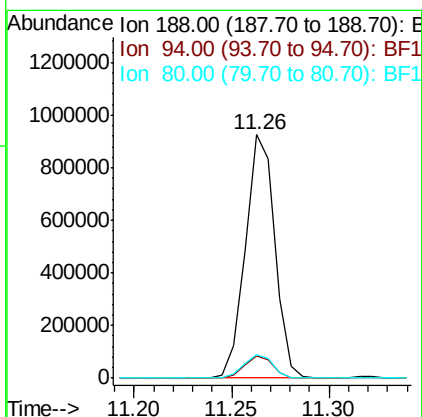
Manual Integrations
APPROVED

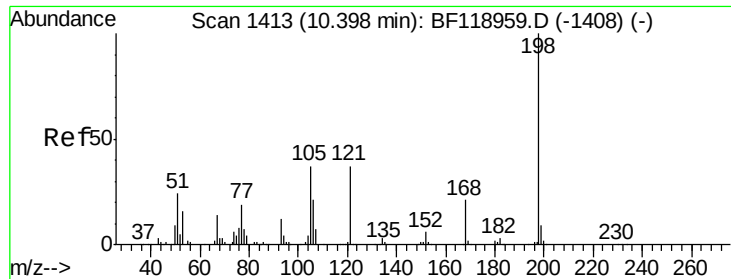
mohammad
2/27/2020 4:58:20 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.1	10.7	
80	9.8	7.8	11.8	





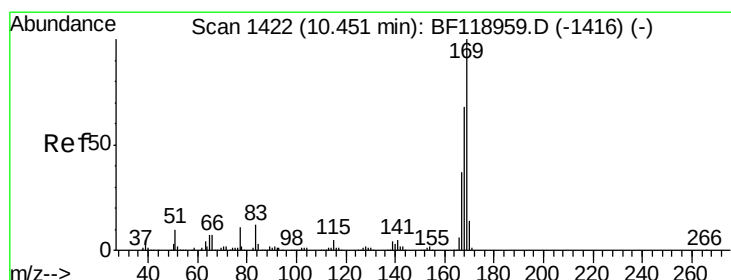
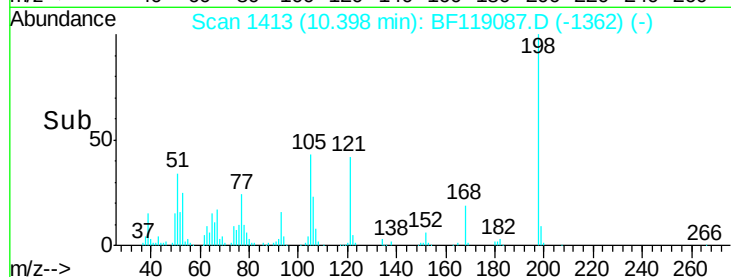
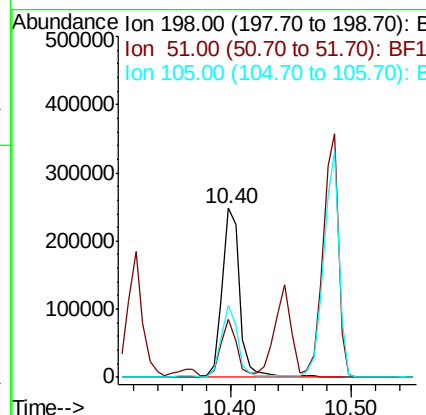
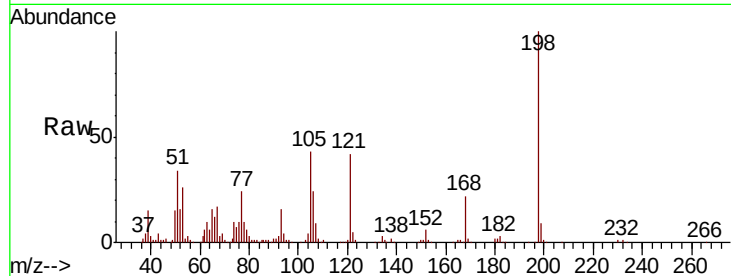
#65
4,6-Dinitro-2-methylphenol
Concen: 42.431 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	248689		
51	34.2		14.2	54.2
105	42.7		22.7	62.7

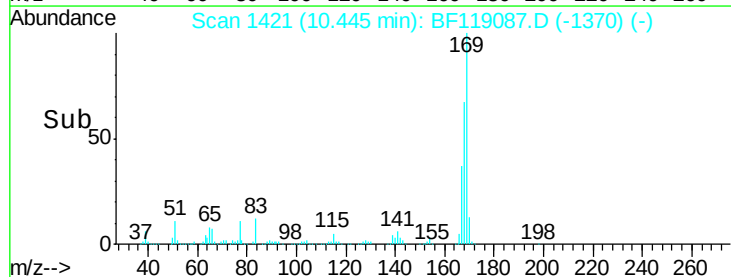
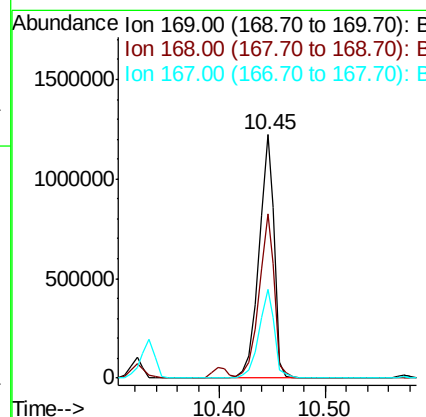
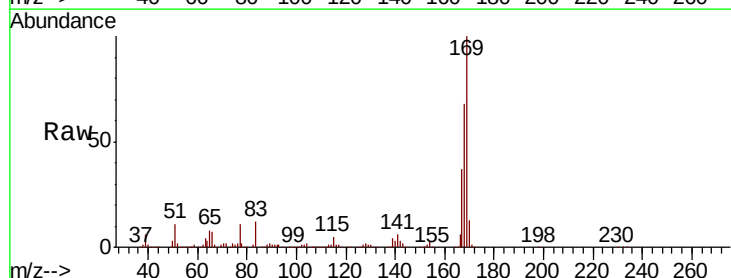
Manual Integrations
APPROVED

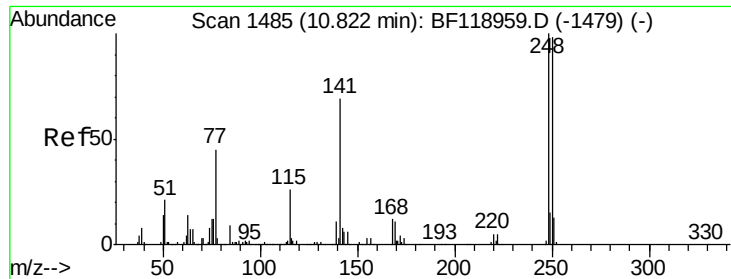
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.356 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1248180		
168	67.6		54.1	81.1
167	36.7		29.4	44.0





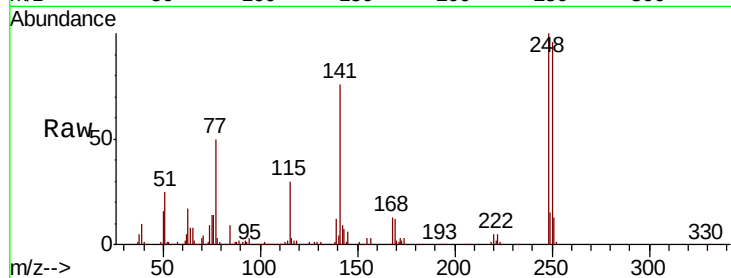
#67
4-Bromophenyl-phenylether
Concen: 39.437 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.7	115.1
141	75.9	60.7	91.1

Manual Integrations
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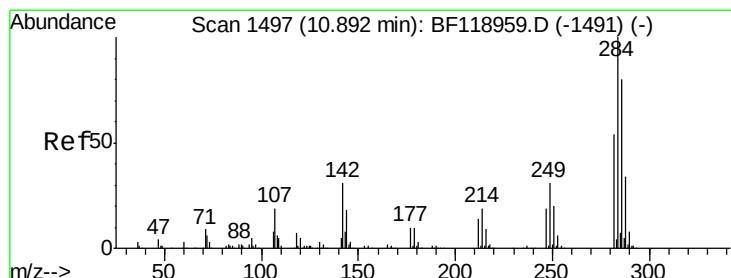
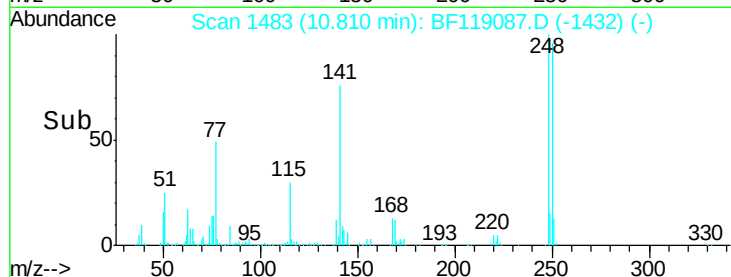
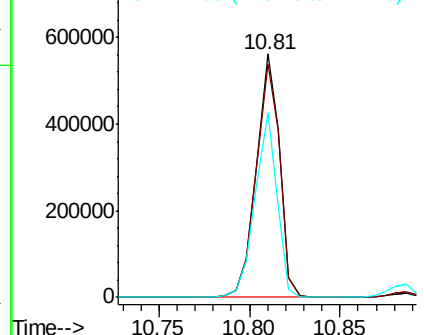


Abundance

Ion 248.00 (247.70 to 248.70): E

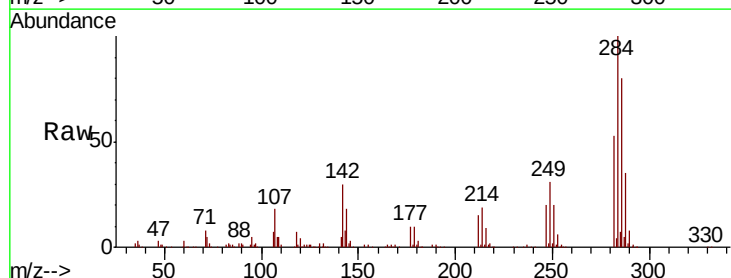
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.544 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	23.7	35.5
249	31.3	25.0	37.6

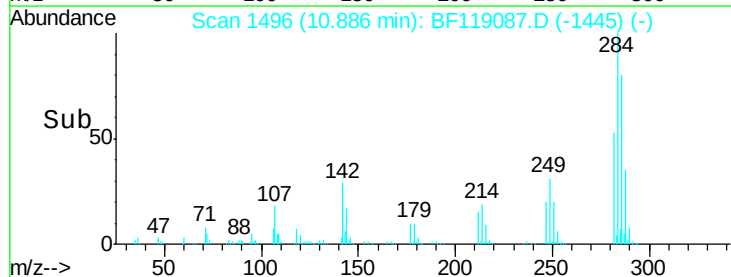
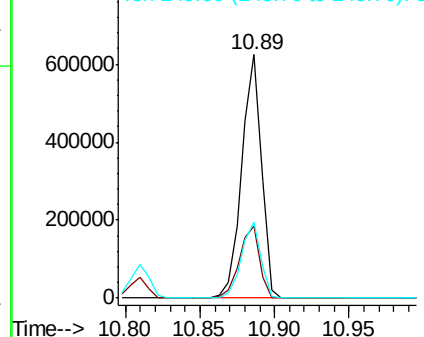


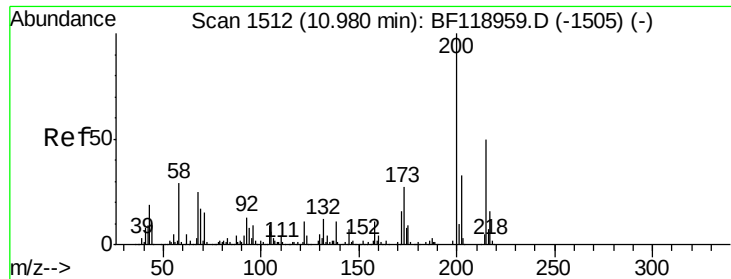
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





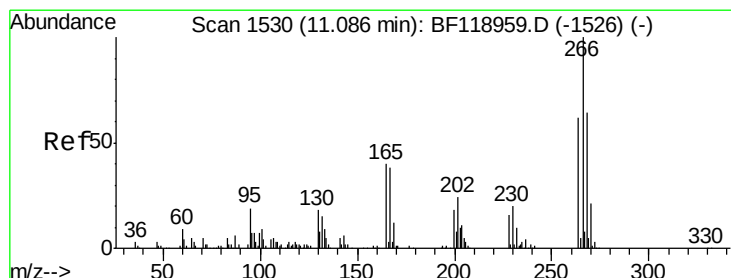
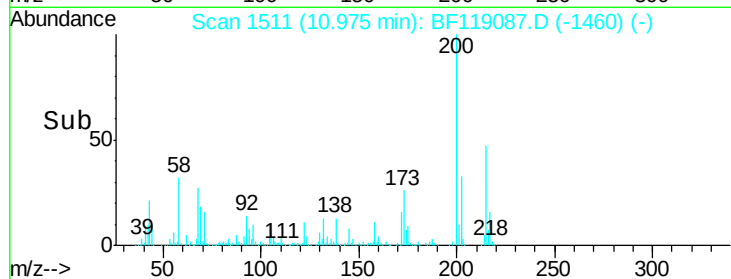
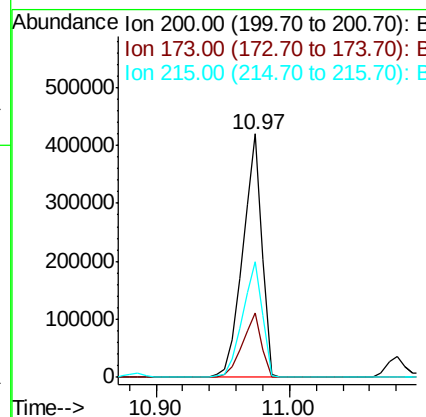
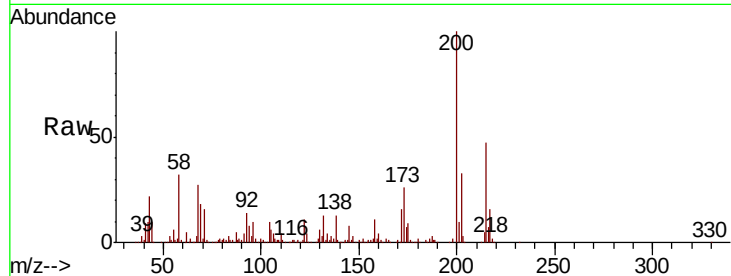
#69
Atrazine
Concen: 37.748 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	6.4	46.4	
215	47.4	27.4	67.4	

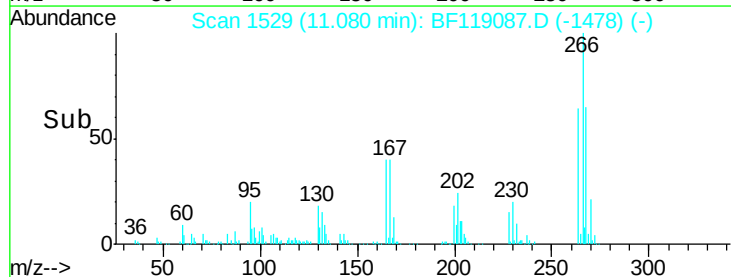
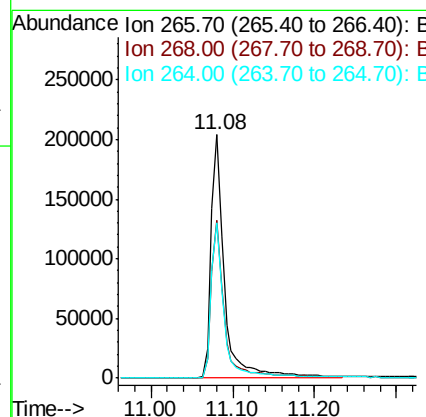
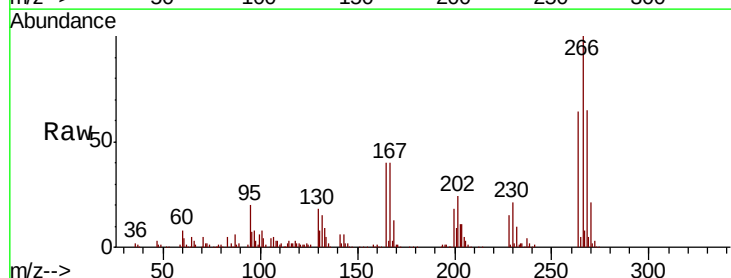
Manual Integrations
APPROVED

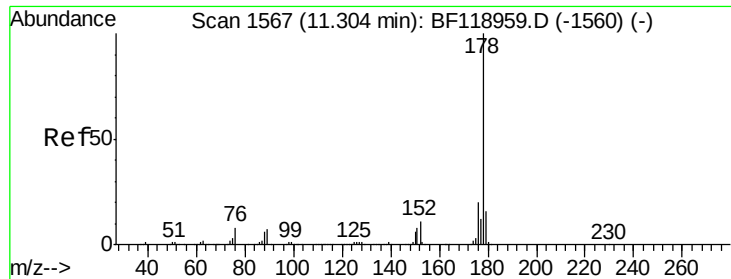
mohammad
2/27/2020 4:58:20 PM



#70
Pentachlorophenol
Concen: 40.118 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	51.9	77.9	
264	63.7	51.0	76.4	





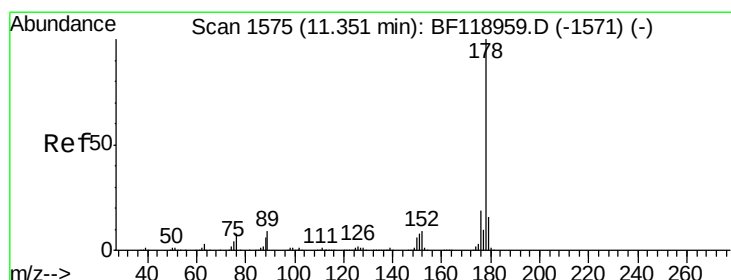
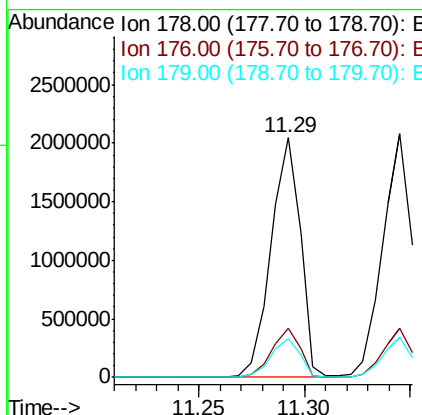
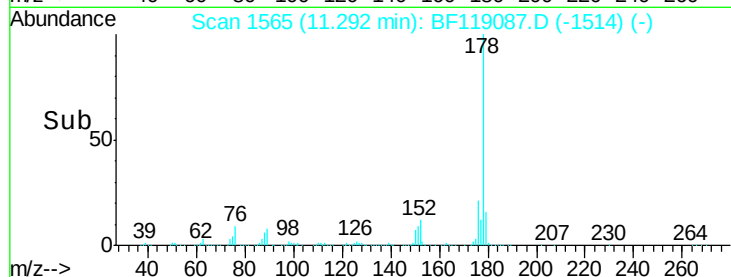
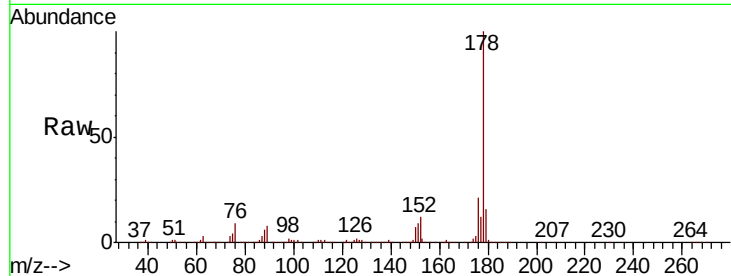
#71
Phenanthrene
Concen: 37.479 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1979716
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.3 13.0 19.6

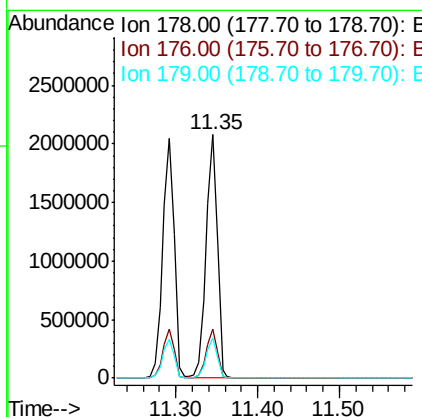
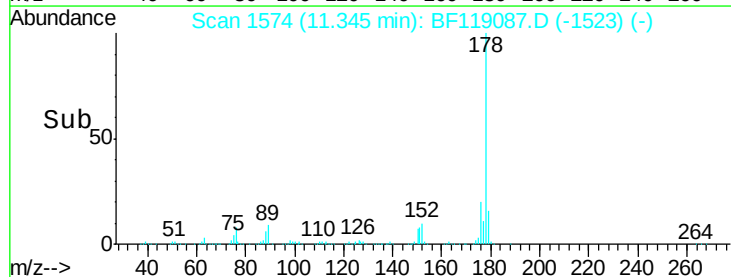
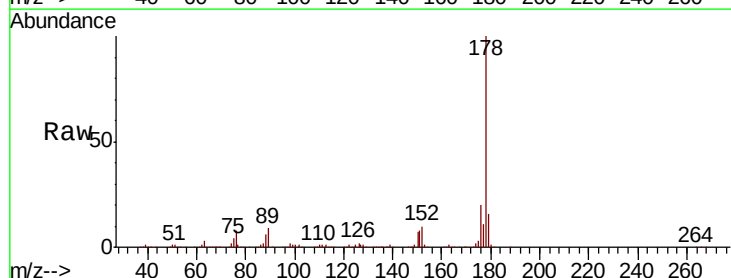
Manual Integrations
APPROVED

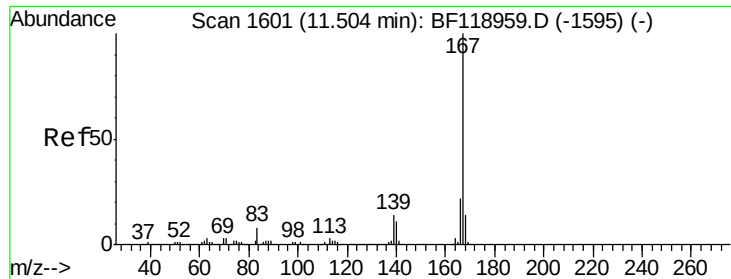
mohammad
2/27/2020 4:58:20 PM



#72
Anthracene
Concen: 37.711 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion:178 Resp: 1990328
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.4 13.1 19.7





#73

Carbazole

Concen: 37.963 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1784954

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

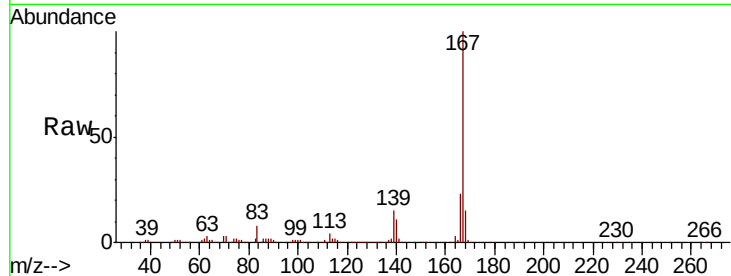
139 14.6 11.7 17.5

Manual Integrations

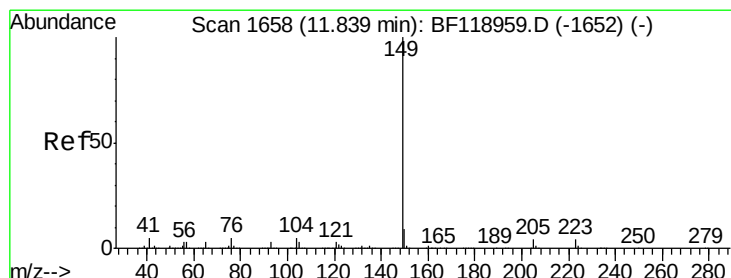
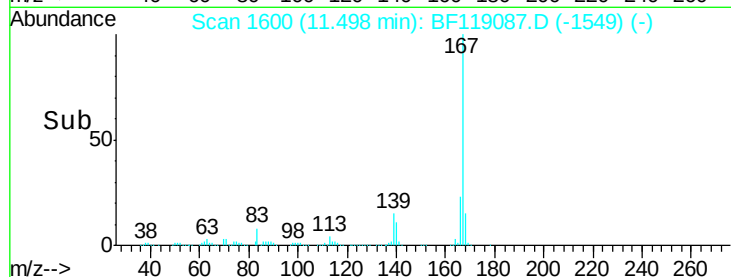
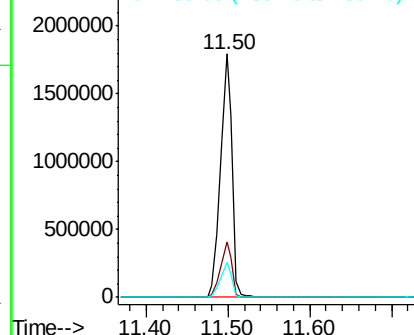
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.239 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

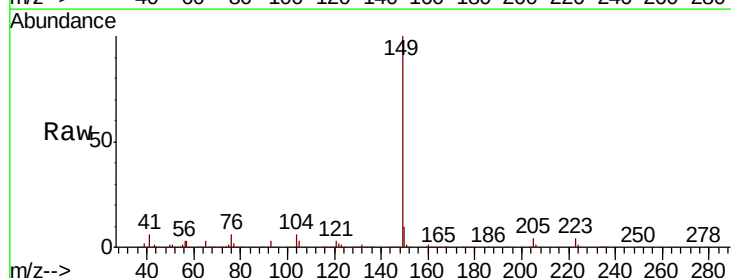
Tgt Ion:149 Resp: 2348152

Ion Ratio Lower Upper

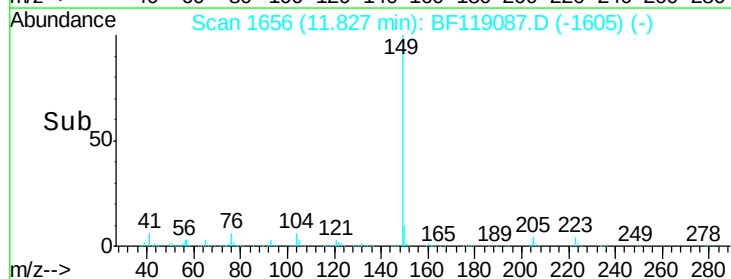
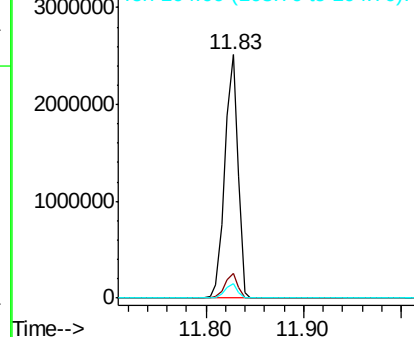
149 100

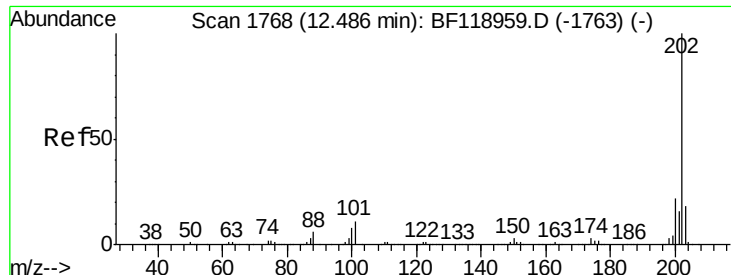
150 9.9 7.9 11.9

104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





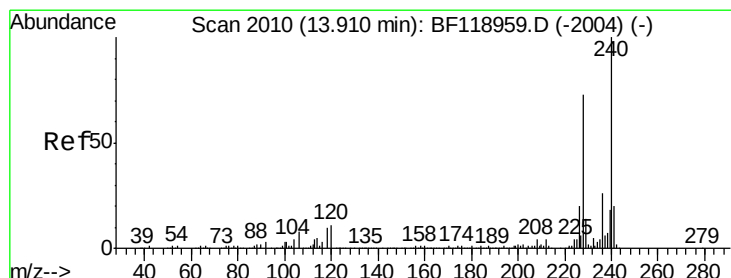
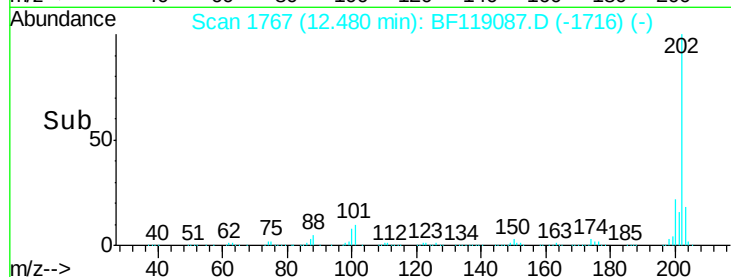
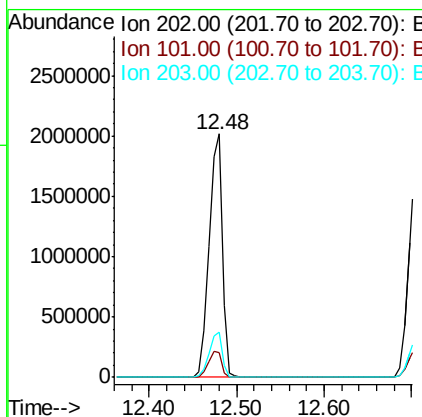
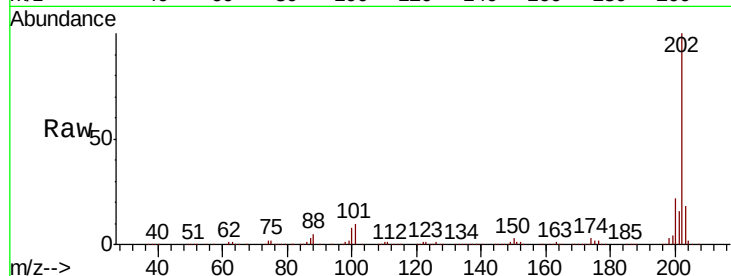
#75
Fluoranthene
Concen: 38.041 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	18.4	0.0	38.4

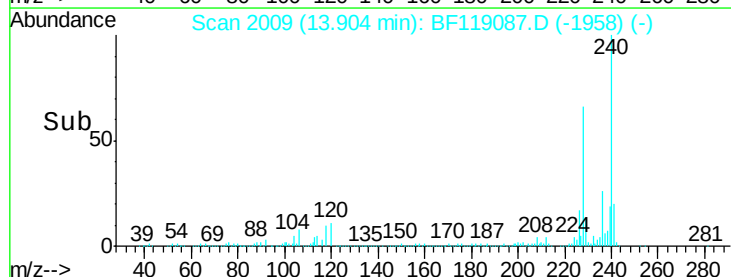
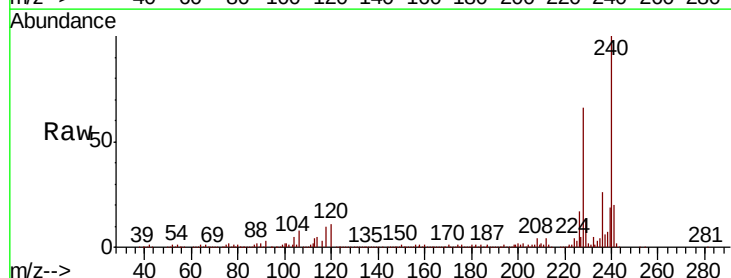
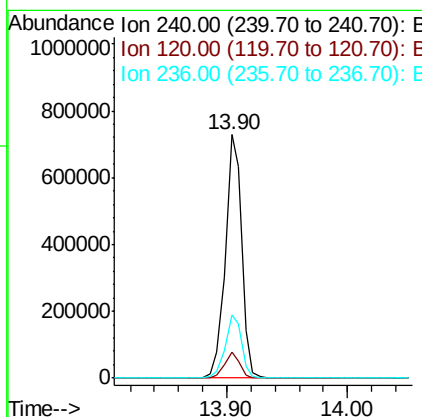
Manual Integrations
APPROVED

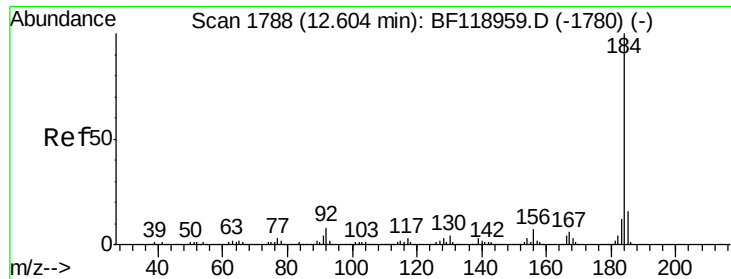
mohammad
2/27/2020 4:58:20 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 33.608 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

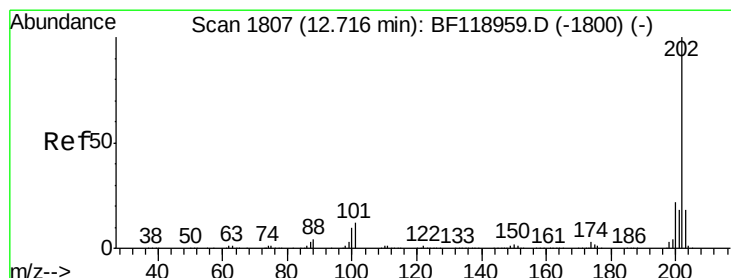
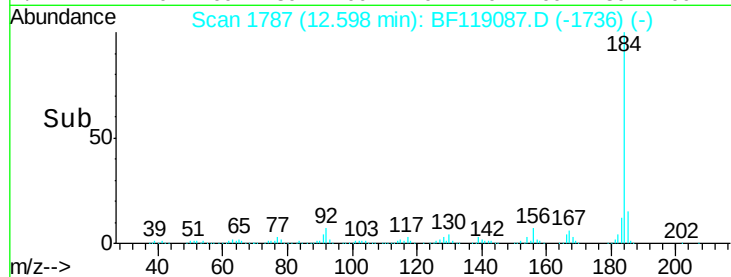
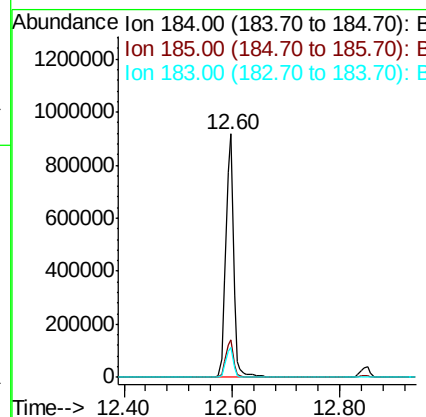
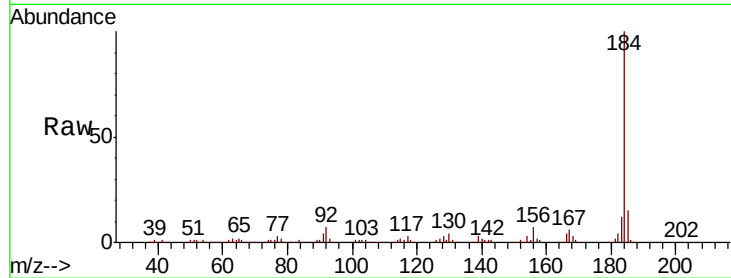
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	930834
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.4
183	12.4	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 38.825 ng

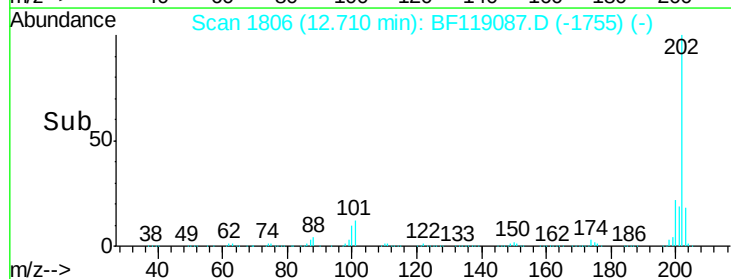
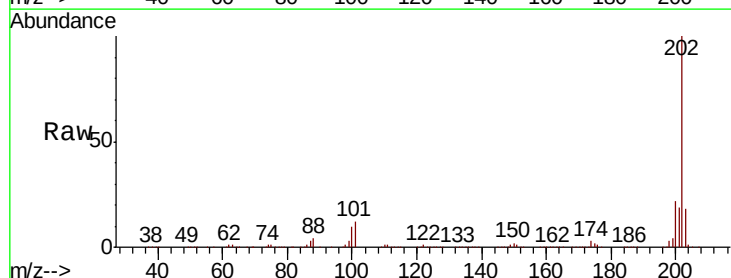
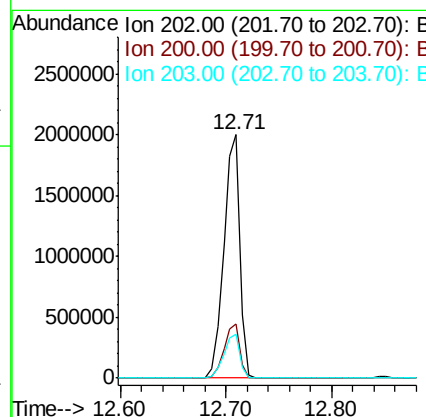
RT: 12.71 min Scan# 1806

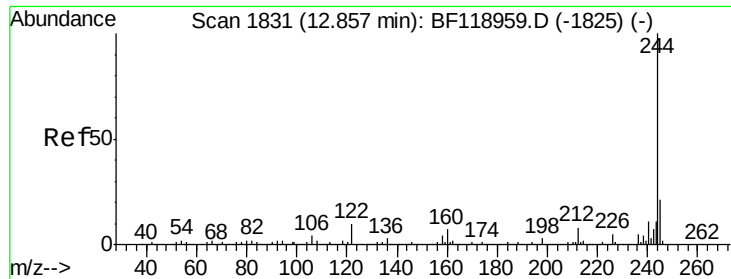
Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Tgt Ion:	202	Resp:	2123176
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 78.485 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 3104534

Ion Ratio Lower Upper

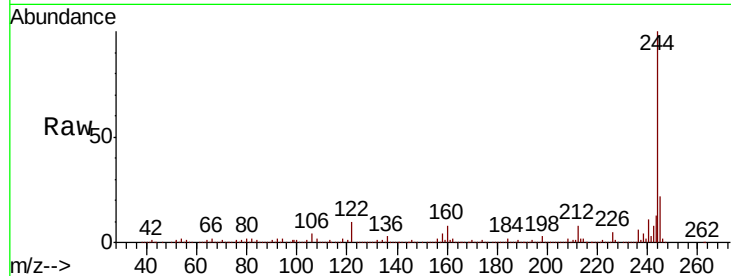
244 100

212 8.3 6.6 10.0

122 10.2 8.2 12.2

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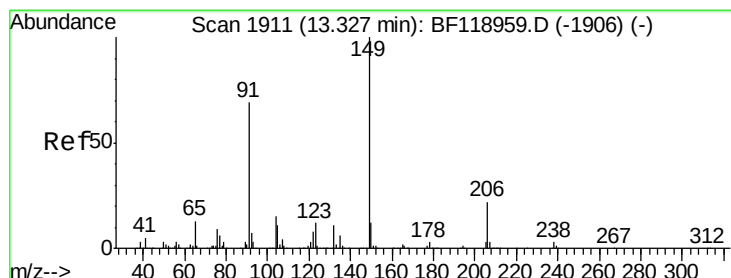
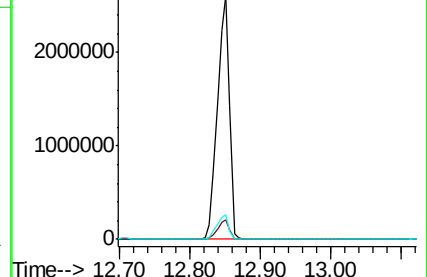
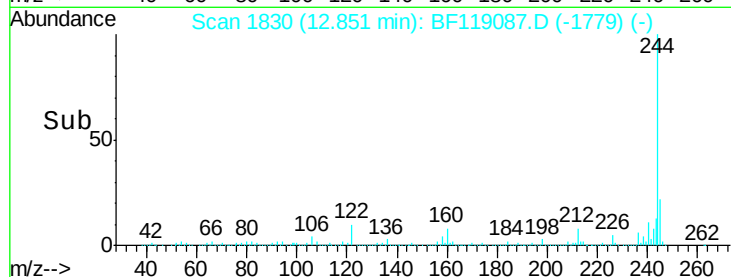
mohammad
2/27/2020 4:58:20 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.923 ng

RT: 13.32 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

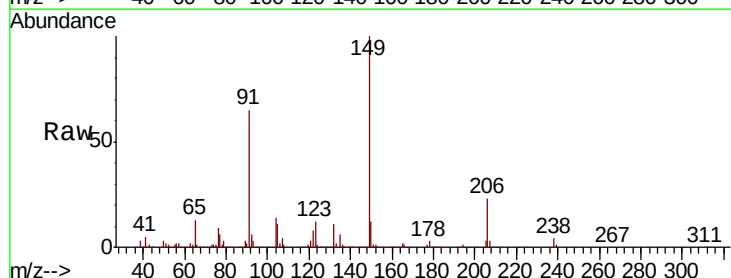
Tgt Ion:149 Resp: 1010907

Ion Ratio Lower Upper

149 100

91 65.4 52.3 78.5

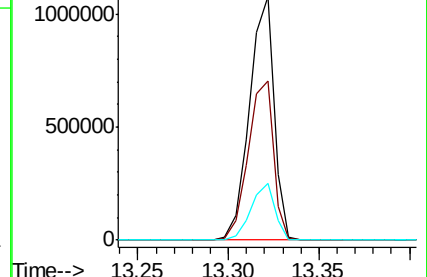
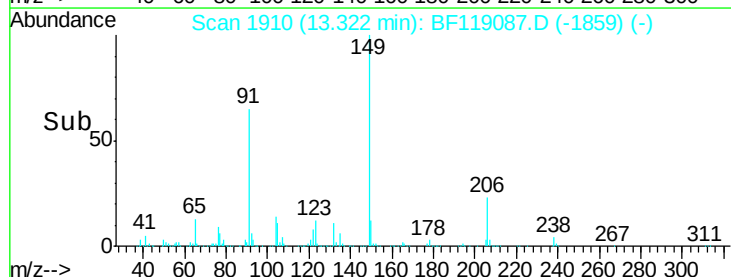
206 23.1 18.5 27.7

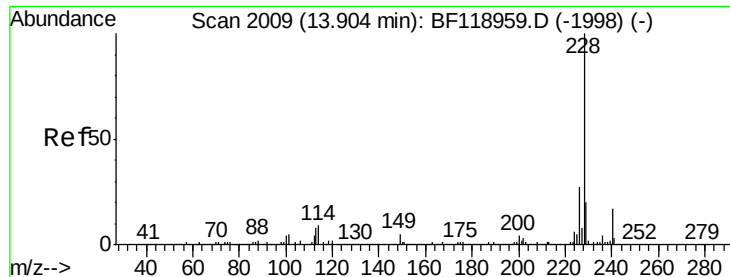


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.856 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1803028

Ion Ratio Lower Upper

228 100

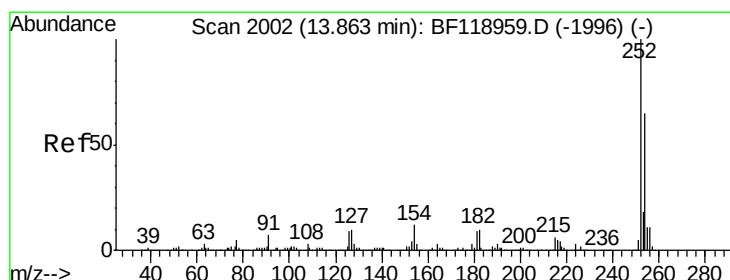
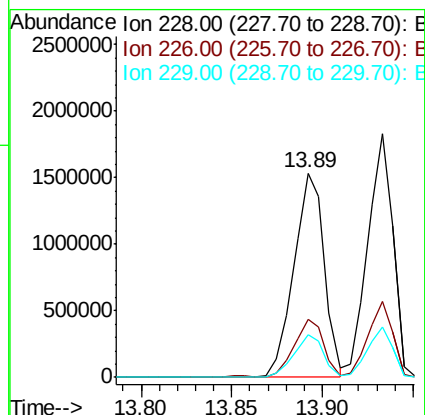
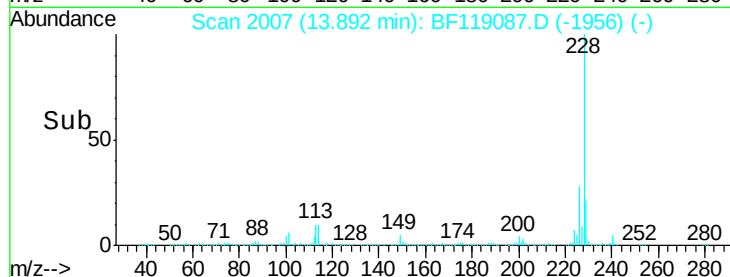
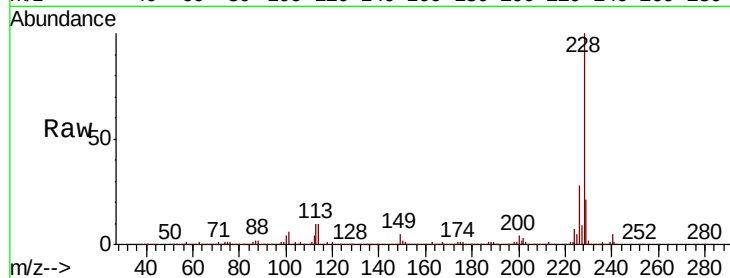
226 28.2 22.6 33.8

229 20.7 16.6 24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.740 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

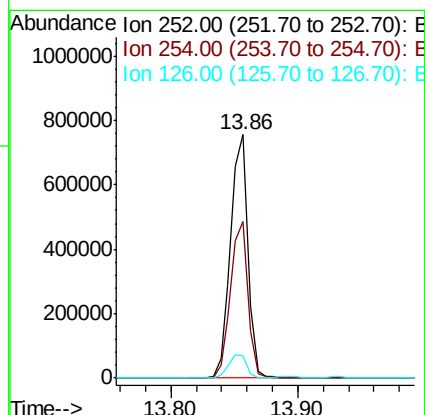
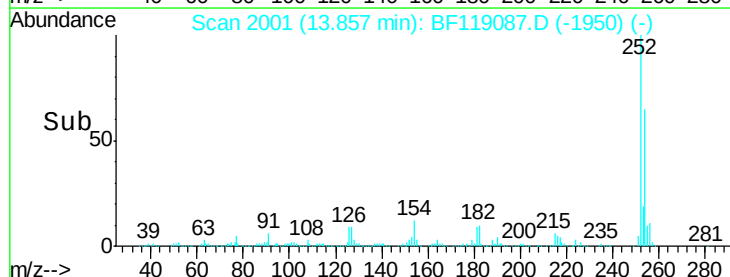
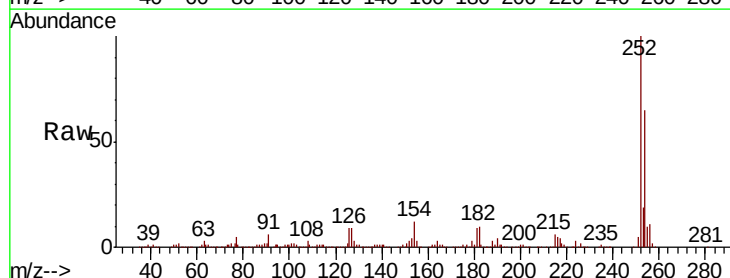
Tgt Ion:252 Resp: 716045

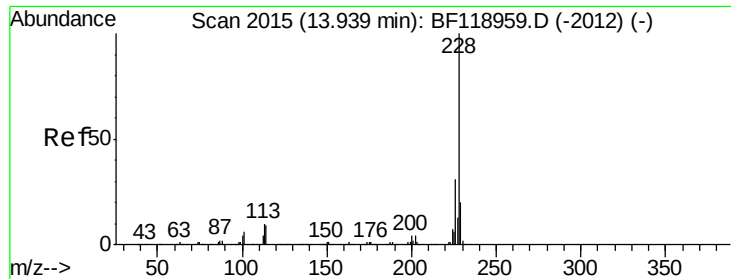
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 9.2 7.4 11.0





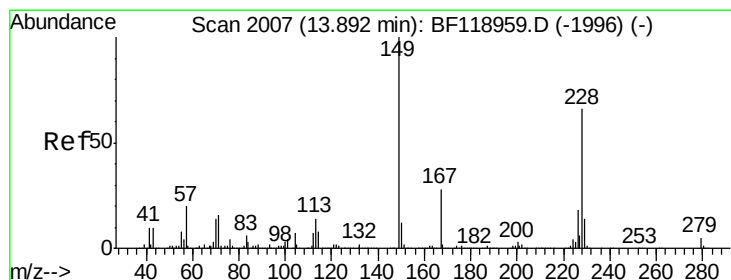
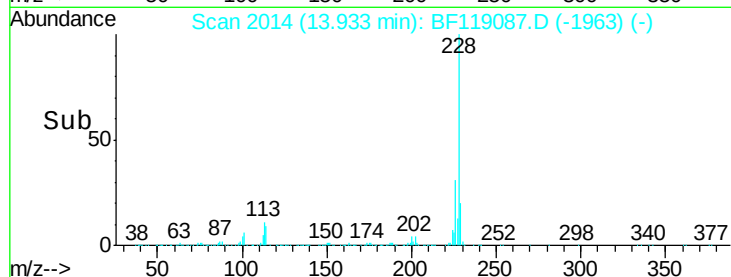
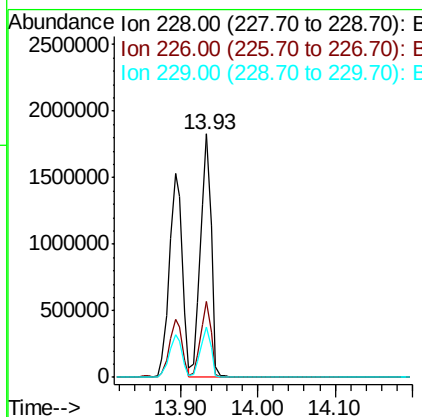
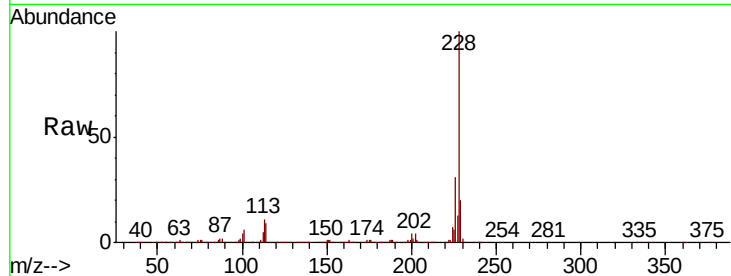
#83
Chrysene
Concen: 38.553 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1782548
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 20.4 16.3 24.5

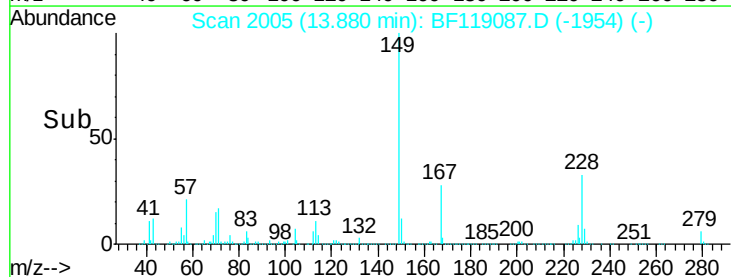
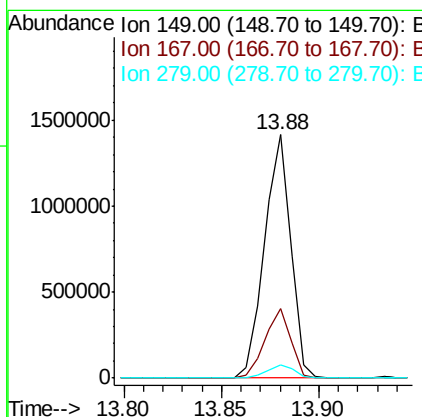
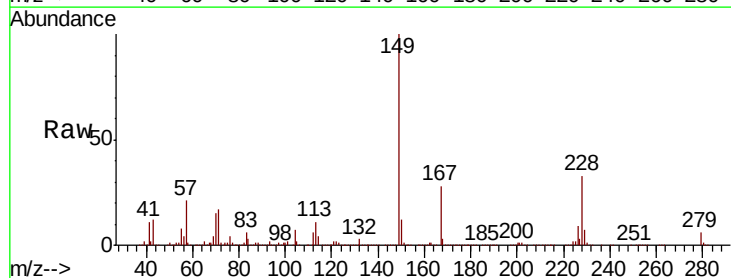
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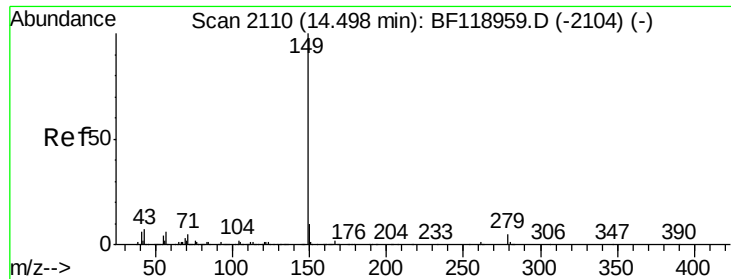
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.443 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion:149 Resp: 1321344
Ion Ratio Lower Upper
149 100
167 28.5 22.8 34.2
279 5.7 4.6 6.8





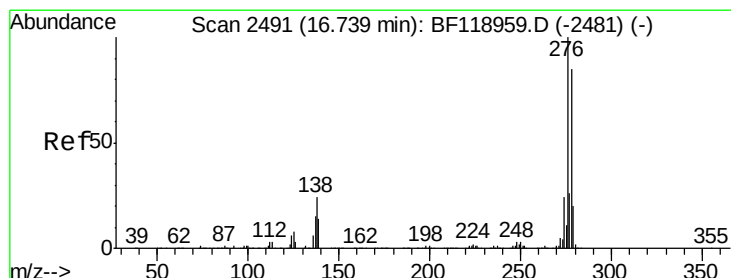
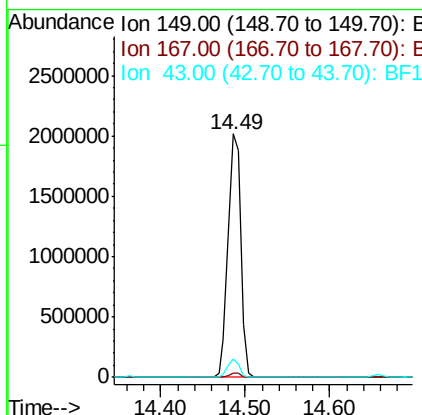
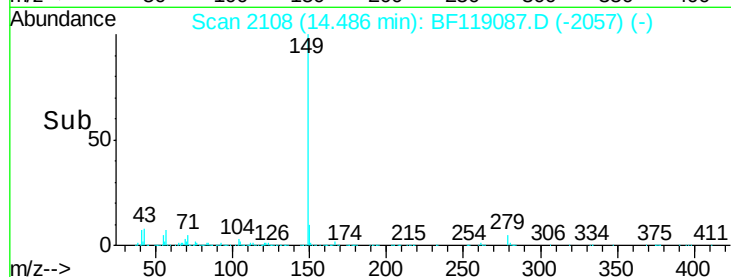
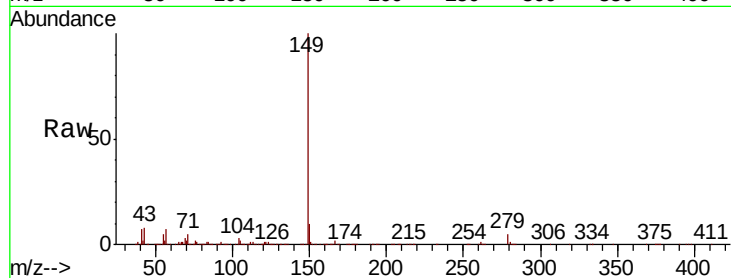
#85
Di-n-octyl phthalate
Concen: 45.158 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.7	8.5

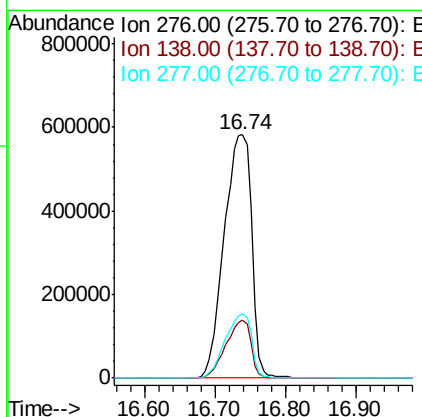
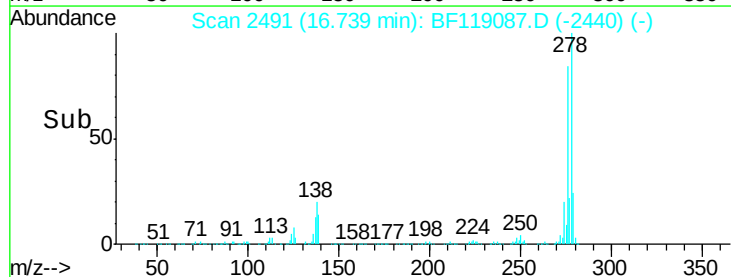
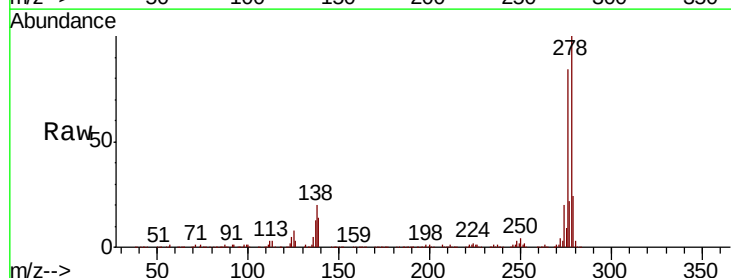
Manual Integrations
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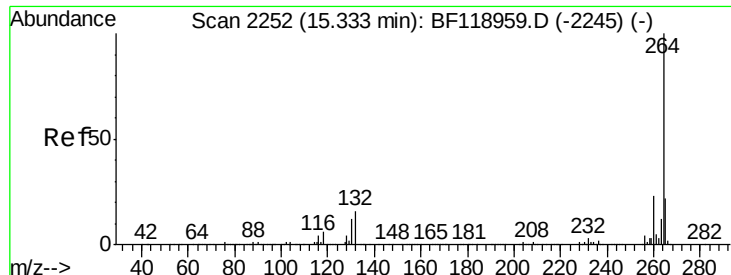
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.171 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.4	20.3	30.5





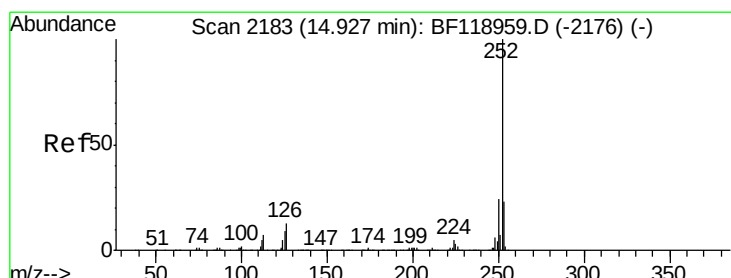
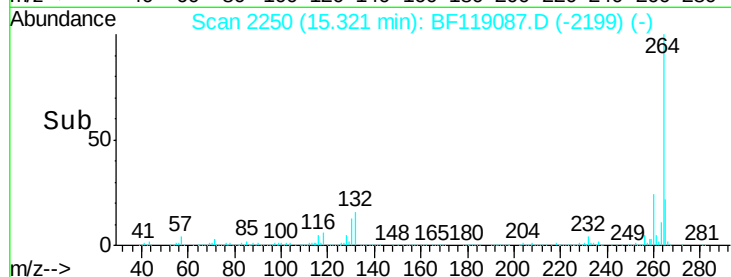
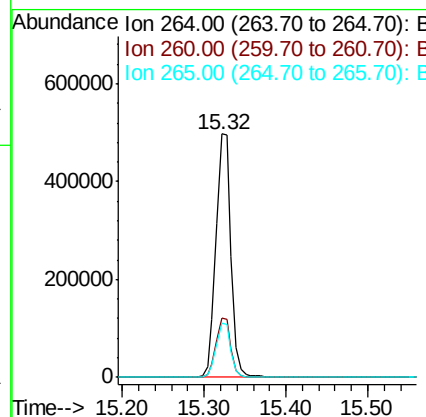
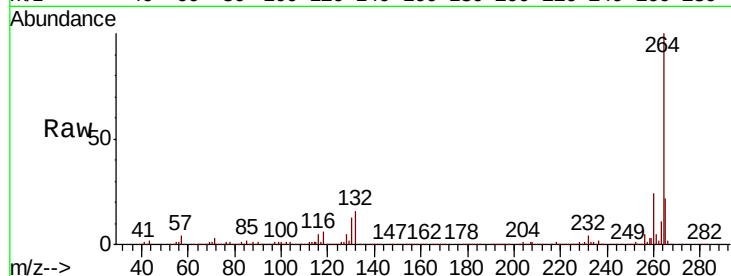
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.1	17.7	26.5

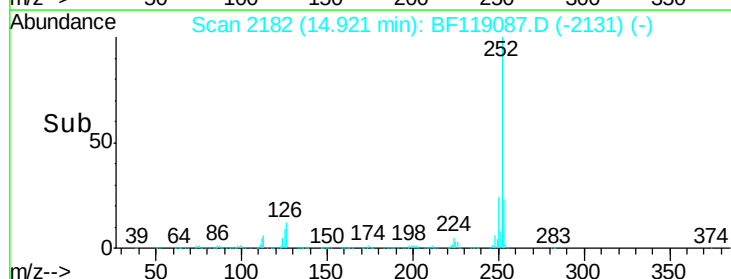
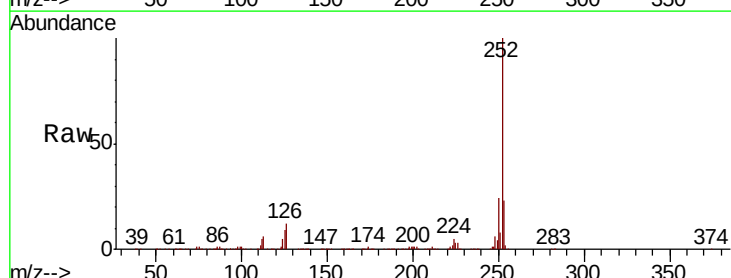
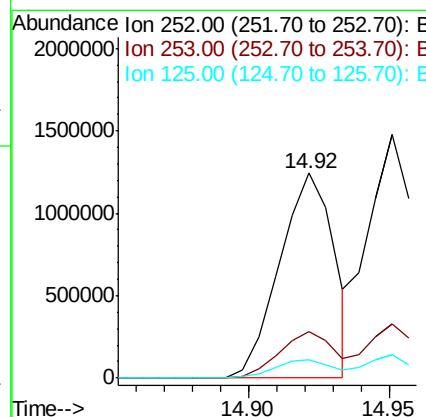
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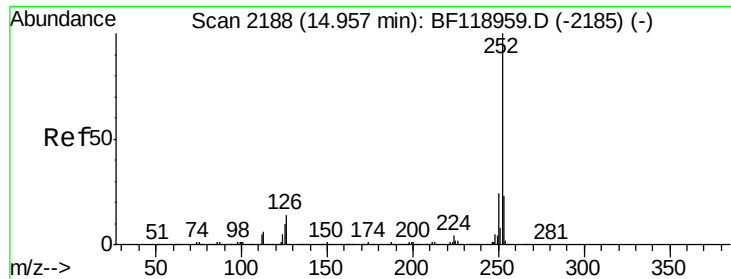
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.751 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.2	7.4	11.0





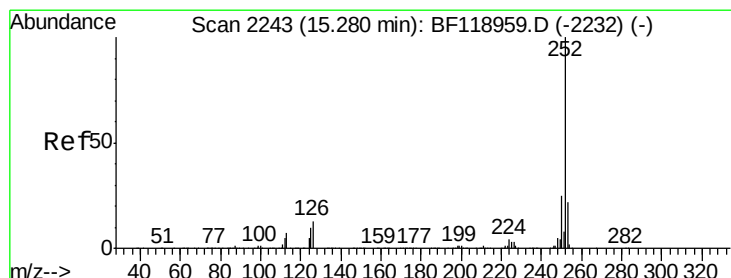
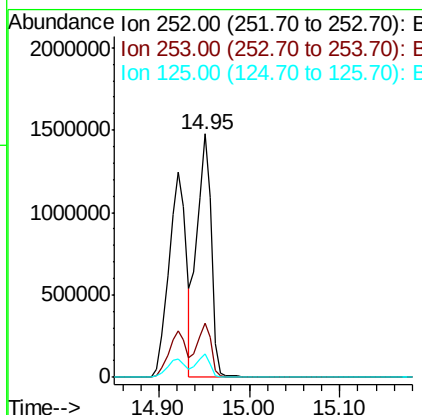
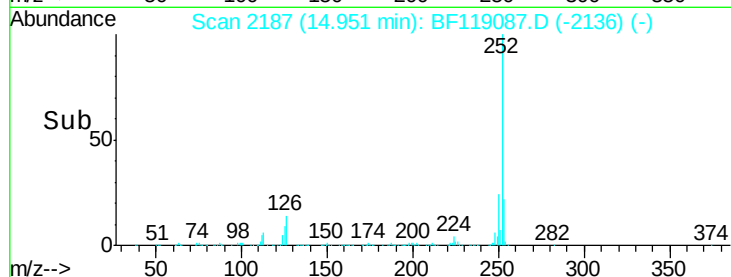
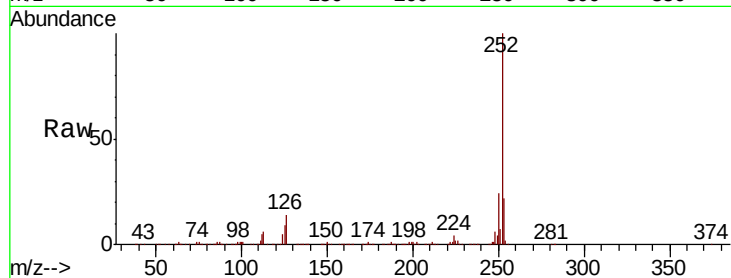
#89
Benzo(k)fluoranthene
Concen: 41.564 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1617093
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 7.5 11.3

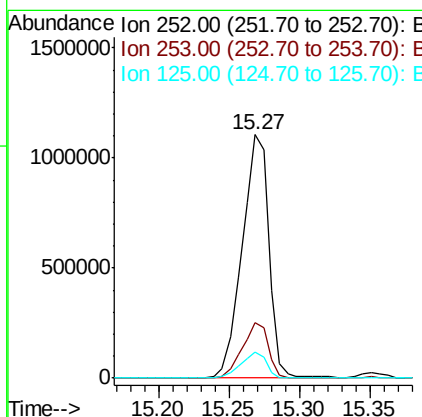
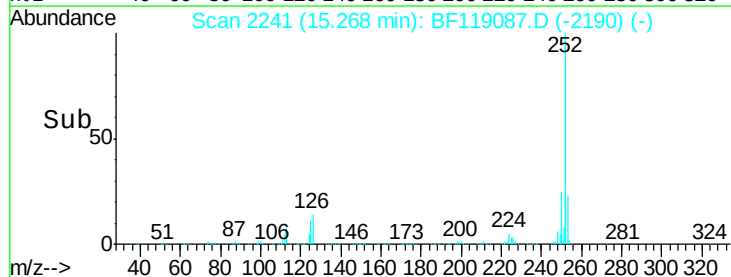
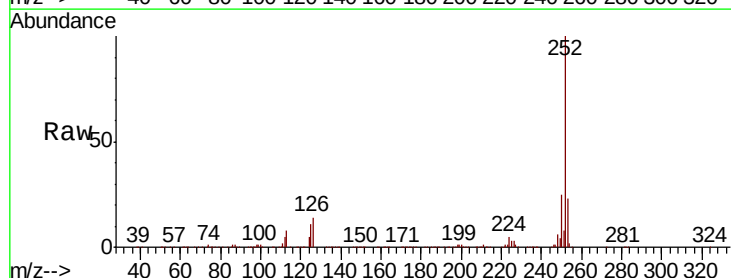
Manual Integrations
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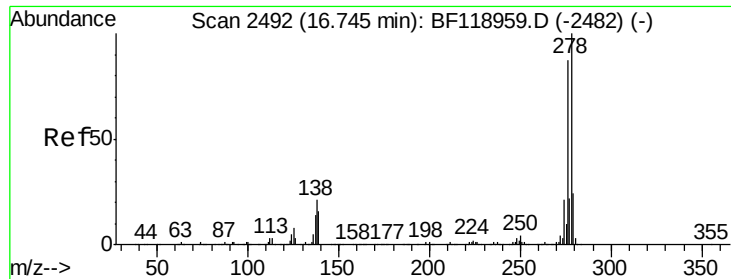
mohammad
2/27/2020 4:58:20 PM



#90
Benzo(a)pyrene
Concen: 38.649 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion:252 Resp: 1464396
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.7 8.6 12.8





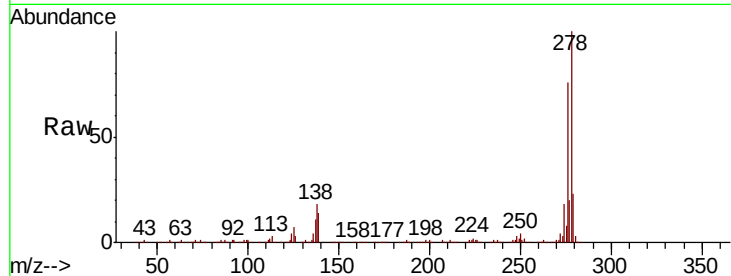
#91
Dibenzo(a,h)anthracene
Concen: 38.652 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

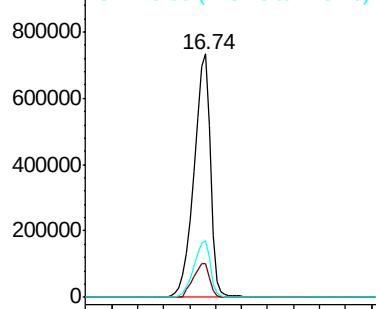
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	23.3	18.6	28.0

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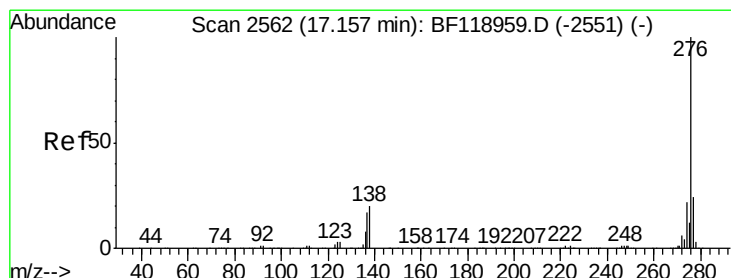
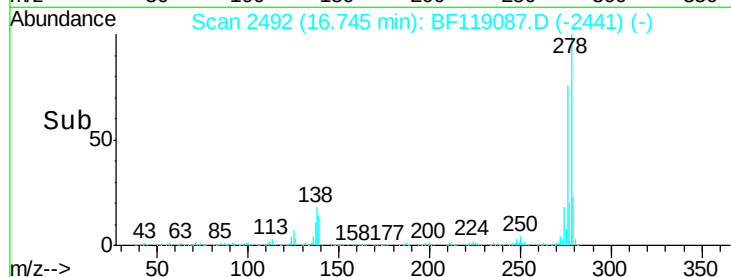
mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



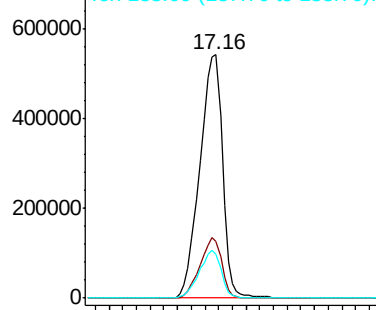
Time-->



#92
Benzo(g,h,i)perylene
Concen: 37.759 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BF119087.D
Acq: 26 Feb 2020 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	17.9	14.3	21.5

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



Time-->

