

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119294.D
 Acq On : 9 Mar 2020 20:29
 Operator : CG/JU
 Sample : L1844-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Manual Integrations
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Quant Time: Mar 09 21:29:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	87225	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	340009	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195499	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	379991	20.00	ng	0.00
76) Chrysene-d12	13.89	240	302616	20.00	ng	0.00
87) Perylene-d12	15.31	264	304020	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	605950	116.10	ng	0.00
7) Phenol-d6	6.38	99	724174	114.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	482871	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	282895	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	983045	74.08	ng	0.00
79) Terphenyl-d14	12.82	244	1365380	77.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	91391	39.328	ng	98
3) Pyridine	3.13	79	216864	34.171	ng	97
4) n-Nitrosodimethylamine	3.07	42	87590	45.560	ng	93
6) Aniline	6.39	93	258994	33.066	ng	96
8) 2-Chlorophenol	6.52	128	285272	50.646	ng	97
9) Benzaldehyde	6.27	77	192798	45.460	ng	100
10) Phenol	6.39	94	332707	48.478	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	248856	47.390	ng	98
12) 1,3-Dichlorobenzene	6.66	146	307842	45.599	ng	98
13) 1,4-Dichlorobenzene	6.74	146	316095	46.789	ng	99
14) 1,2-Dichlorobenzene	6.89	146	291675	47.340	ng	99
15) Benzyl Alcohol	6.88	79	231673	50.499	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	201646	44.329	ng	# 42
17) 2-Methylphenol	7.00	107	222090	48.632	ng	94
18) Hexachloroethane	7.23	117	110566	45.745	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	192639	52.081	ng	94
20) 3+4-Methylphenols	7.16	107	299994	53.619	ng	# 86
22) Acetophenone	7.14	105	380727	48.396	ng	# 93
24) Nitrobenzene	7.31	77	291274	45.740	ng	97
25) Isophorone	7.55	82	522437	46.715	ng	100
26) 2-Nitrophenol	7.63	139	153938	45.623	ng	97
27) 2,4-Dimethylphenol	7.67	122	238921	52.174	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	313233	43.030	ng	99
29) 2,4-Dichlorophenol	7.88	162	246971	45.813	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	273119	42.730	ng	99
31) Naphthalene	8.03	128	805989	45.708	ng	98
32) Benzoic acid	7.83	122	121180	37.900	ng	99
33) 4-Chloroaniline	8.09	127	130025	17.144	ng	98
34) Hexachlorobutadiene	8.15	225	166567	41.837	ng	99
35) Caprolactam	8.46	113	78884m	47.522	ng	
36) 4-Chloro-3-methylphenol	8.59	107	266532	48.853	ng	99
37) 2-Methylnaphthalene	8.72	142	556864	46.926	ng	99
38) 1-Methylnaphthalene	8.82	142	525184	47.059	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	280221	42.513	ng	99

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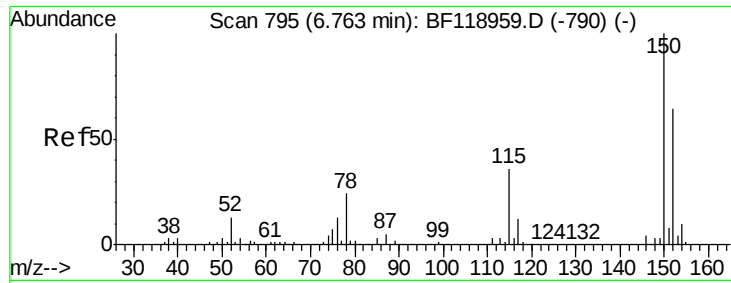
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	87783	41.685	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	174728	41.977	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	183264	41.957	nq	99
46) 1,1'-Biphenyl	9.18	154	680200	43.050	nq	98
47) 2-Chloronaphthalene	9.21	162	544438	42.759	nq	96
48) 2-Nitroaniline	9.32	65	160137	45.092	nq	97
49) Acenaphthylene	9.62	152	837479	45.541	nq	99
50) Dimethylphthalate	9.49	163	724801	48.484	nq	99
51) 2,6-Dinitrotoluene	9.56	165	150771	45.395	nq	100
52) Acenaphthene	9.79	154	494627	44.606	nq	99
53) 3-Nitroaniline	9.73	138	82629	22.441	nq	97
54) 2,4-Dinitrophenol	9.85	184	99898	63.578	nq	91
55) Dibenzofuran	9.97	168	742340	44.852	nq	97
56) 4-Nitrophenol	9.92	139	123728	55.928	nq	98
57) 2,4-Dinitrotoluene	9.97	165	194979	45.291	nq	99
58) Fluorene	10.31	166	612937	47.658	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157517	42.738	nq	97
60) Diethylphthalate	10.18	149	669658	47.534	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	319928	46.996	nq	96
62) 4-Nitroaniline	10.35	138	140491	37.293	nq	95
63) Azobenzene	10.46	77	598136	48.845	nq	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	96316	41.888	nq	92
66) n-Nitrosodiphenylamine	10.42	169	557473	44.805	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	209047	42.087	nq	95
68) Hexachlorobenzene	10.86	284	242296	42.310	nq	99
69) Atrazine	10.95	200	192862	44.365	nq	97
70) Pentachlorophenol	11.07	266	162061	70.253	nq	98
71) Phenanthrene	11.27	178	936715	45.202	nq	98
72) Anthracene	11.32	178	983763	47.512	nq	98
73) Carbazole	11.48	167	870218	47.176	nq	99
74) Di-n-butylphthalate	11.80	149	1106117	49.516	nq	98
75) Fluoranthene	12.46	202	1049282	47.702	nq	99
77) Benzidine	12.58	184	531947	43.223	nq	98
78) Pyrene	12.69	202	1067438	43.928	nq	98
80) Butylbenzylphthalate	13.30	149	494306	48.333	nq	100
81) Benzo(a)anthracene	13.87	228	954586	46.296	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	277932	34.713	nq	99
83) Chrysene	13.92	228	925444	45.044	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	710052	54.956	nq	100
85) Di-n-octyl phthalate	14.46	149	1176609	57.155	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	871357	43.801	nq	100
88) Benzo(b)fluoranthene	14.91	252	927939	46.306	nq	99
89) Benzo(k)fluoranthene	14.93	252	854696	46.023	nq	100
90) Benzo(a)pyrene	15.26	252	786509	43.487	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	734312	46.144	nq	97
92) Benzo(g,h,i)perylene	17.14	276	705013	44.838	nq	99

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



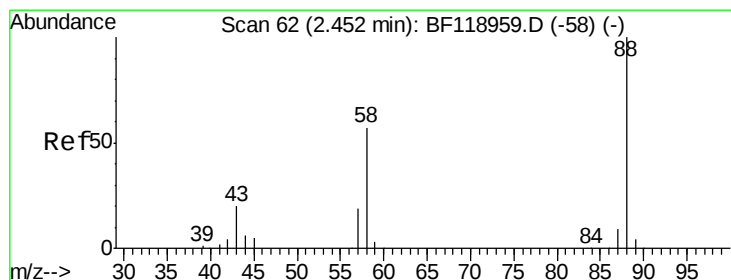
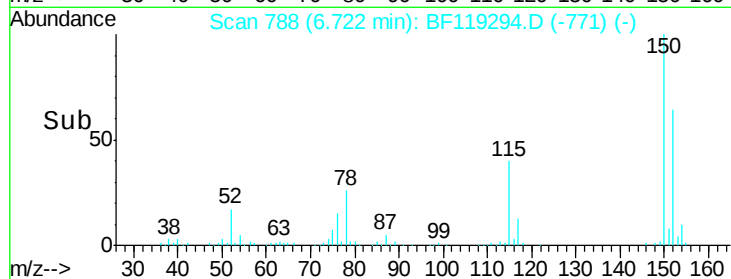
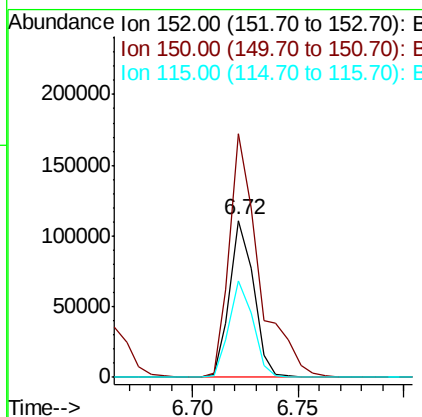
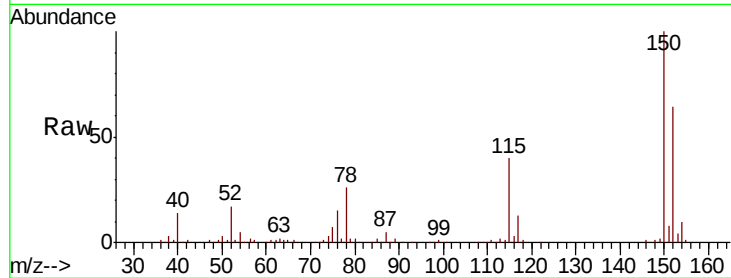
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.6
115	61.7	49.5	74.3

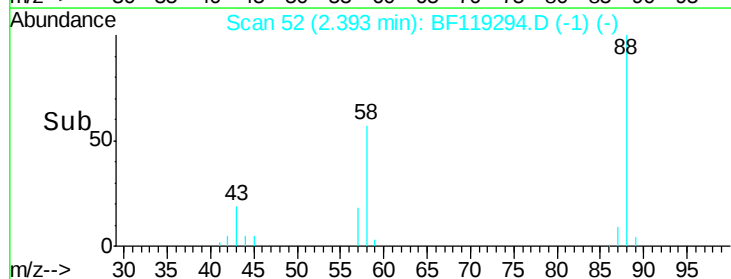
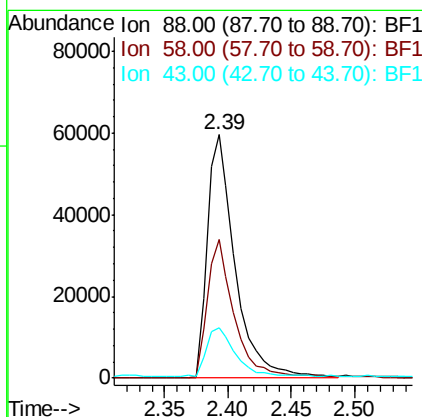
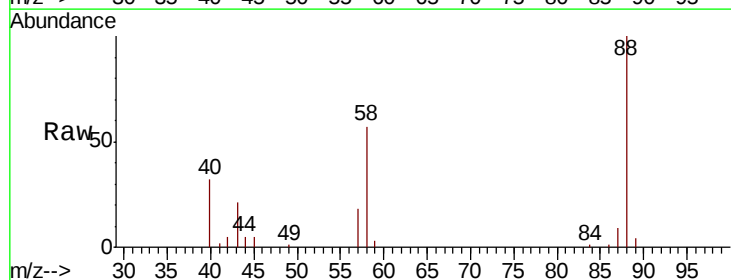
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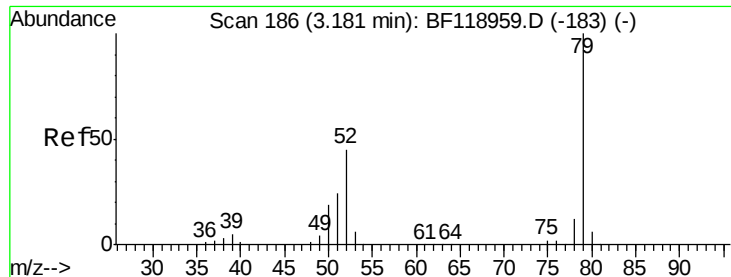
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#2
 1,4-Dioxane
 Concen: 39.328 ng
 RT: 2.39 min Scan# 52
 Delta R.T. 0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	43.8	65.6
43	21.8	16.2	24.4





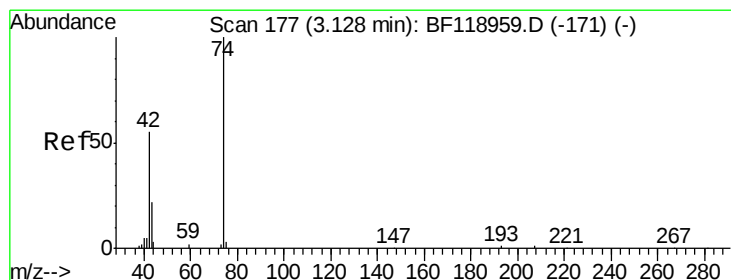
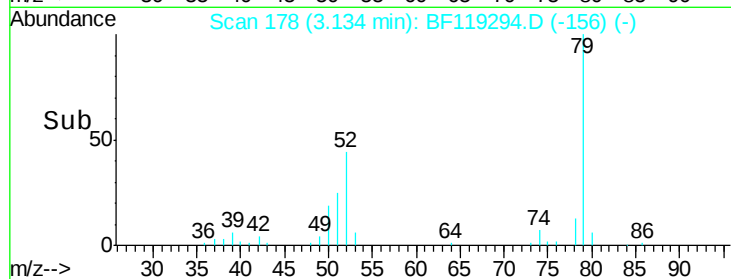
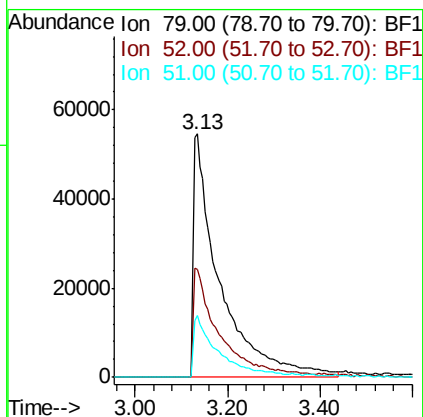
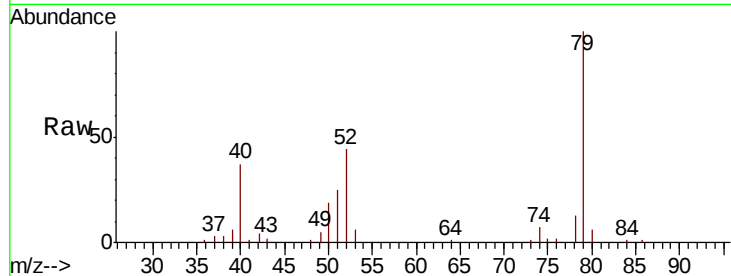
#3
 Pvridine
 Concen: 34.171 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.03 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	44.4	37.4	56.0
51	51	25.5	19.8	29.6

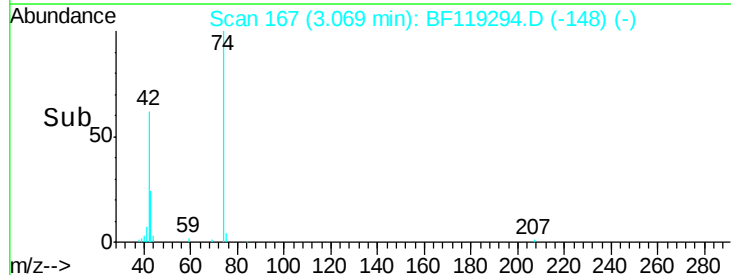
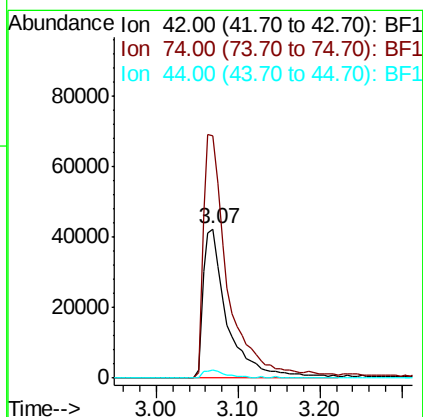
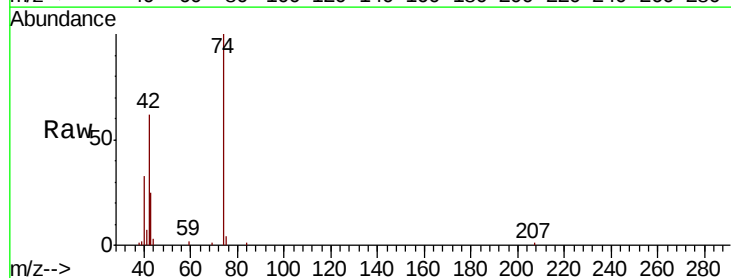
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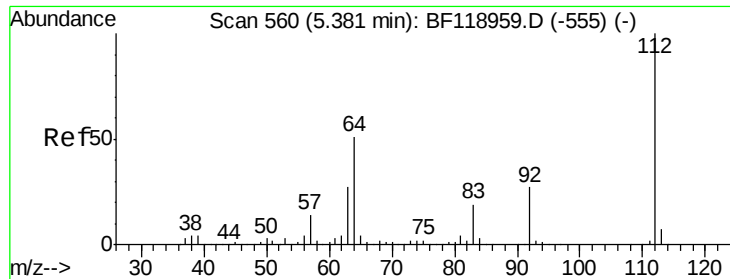
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#4
 n-Nitrosodimethylamine
 Concen: 45.560 ng
 RT: 3.07 min Scan# 167
 Delta R.T. 0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	162.1	137.7	206.5
44	44	5.3	4.5	6.7





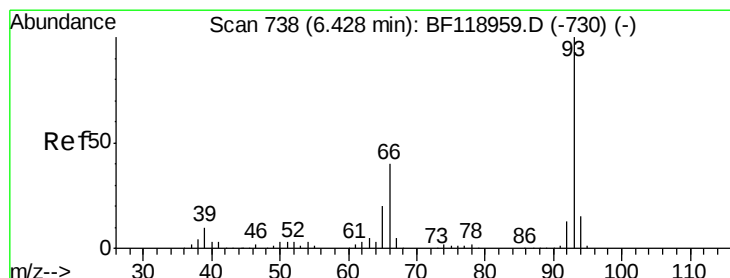
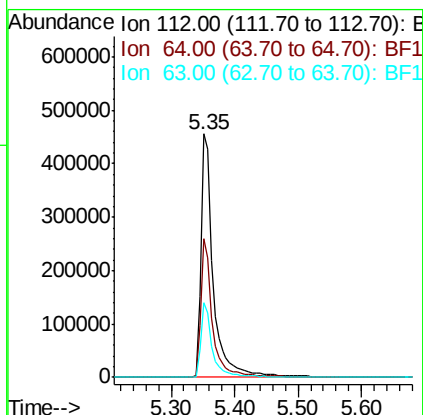
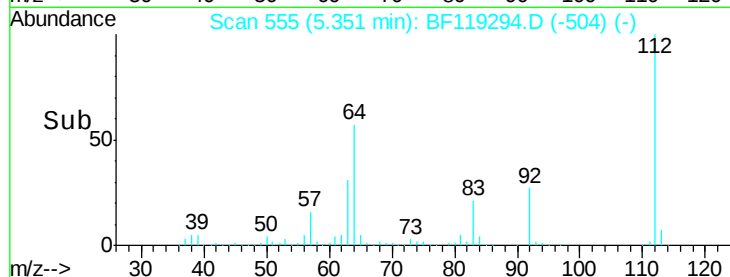
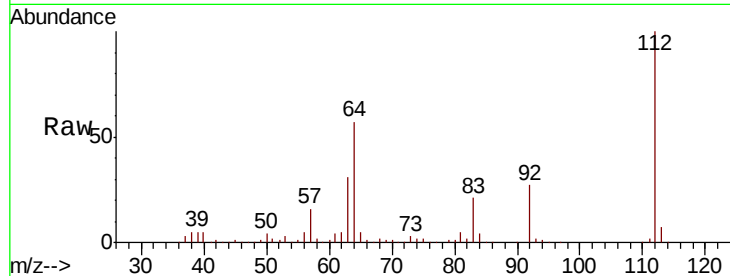
#5
2-Fluorophenol
Concen: 116.096 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
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ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.8	45.0	67.4
63	30.7	24.2	36.4

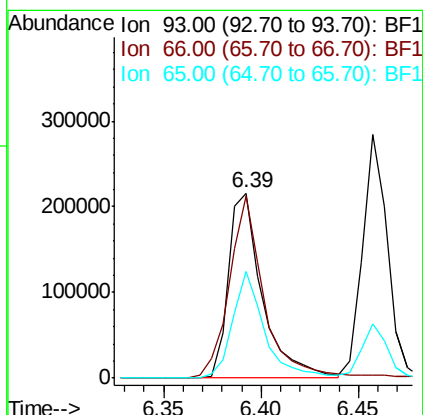
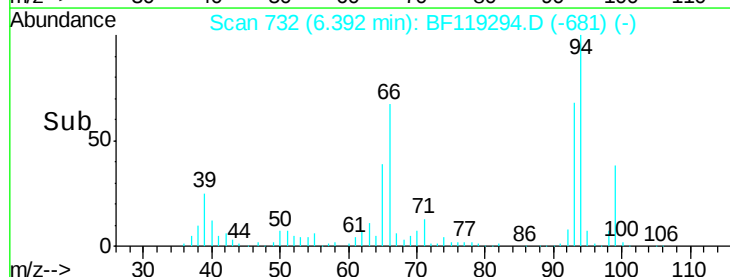
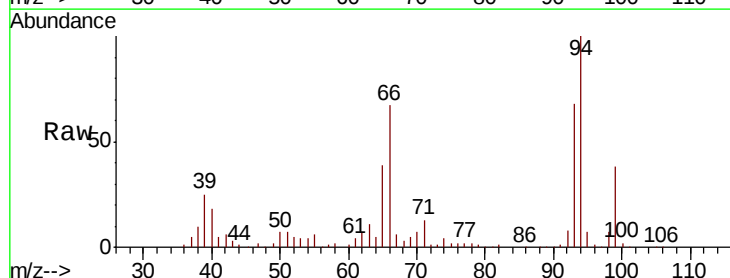
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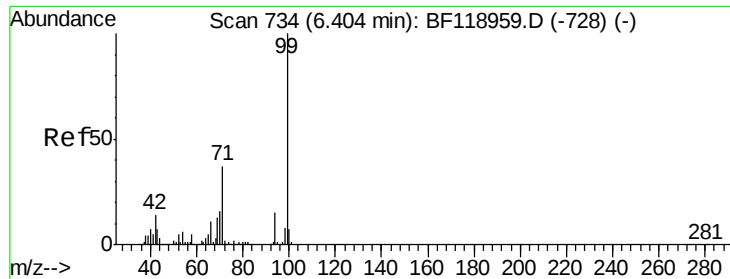
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#6
Aniline
Concen: 33.066 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	98.8	74.5	111.7
65	57.9	45.3	67.9





#7

Phenol-d6

Concen: 114.084 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

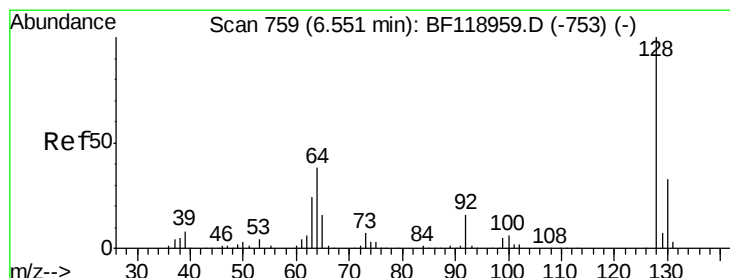
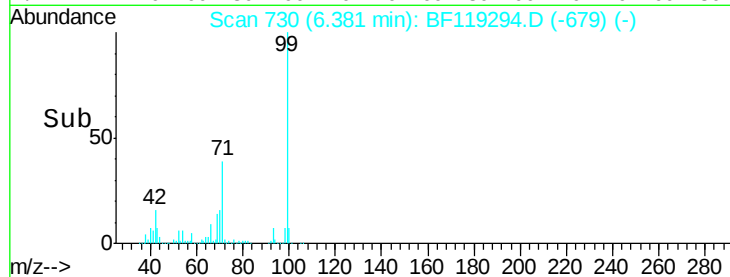
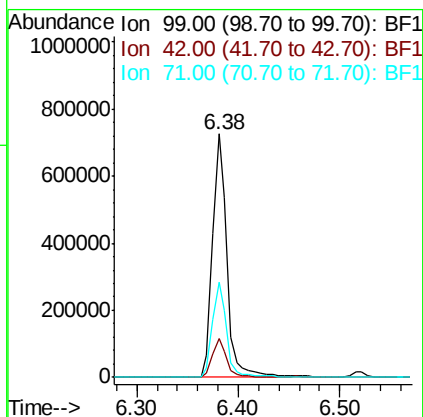
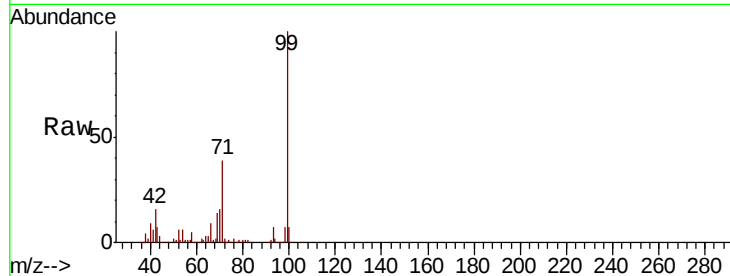
ClientSampleId :

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Tot Ion:	99	Resp:	724174
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	39.3	31.0	46.4

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#8

2-Chlorophenol

Concen: 50.646 ng

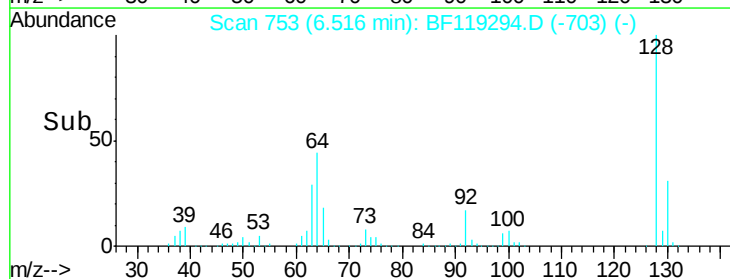
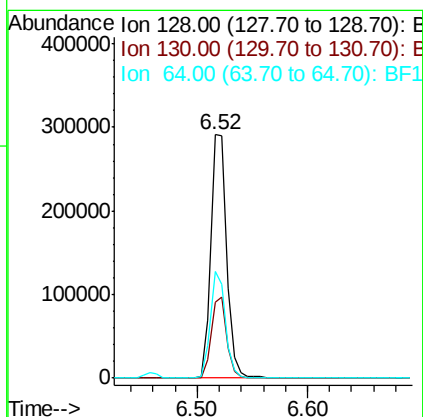
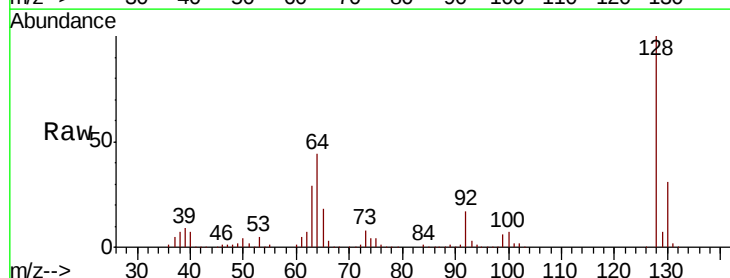
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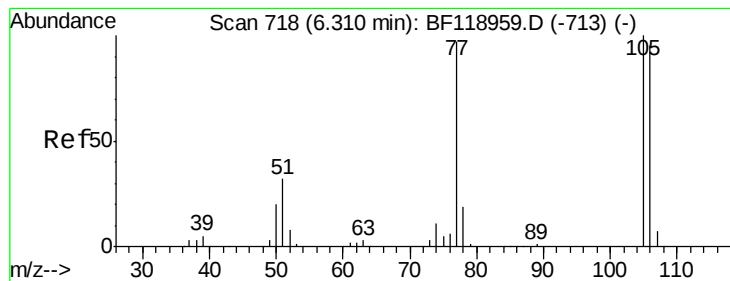
Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	128	Resp:	285272
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.7	52.7
64	44.0	22.3	62.3





#9

Benzaldehyde

Concen: 45.460 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

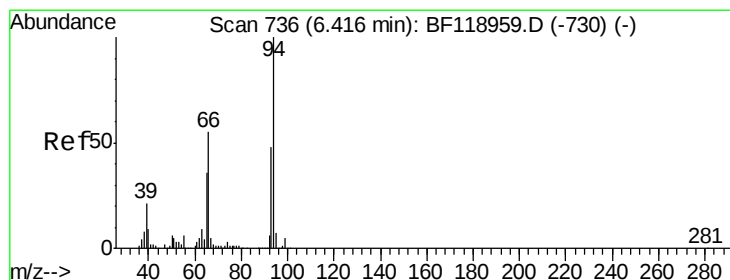
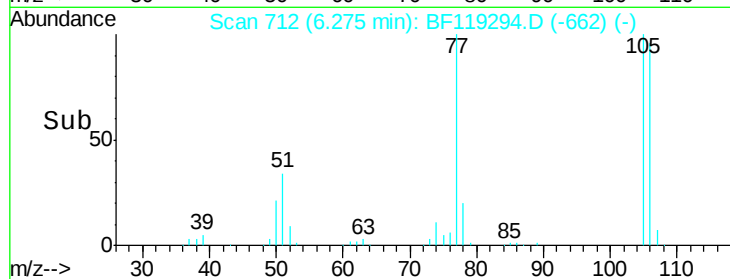
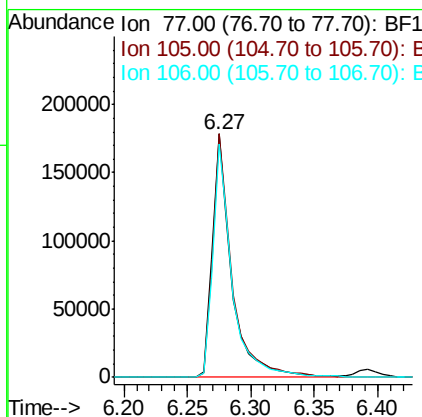
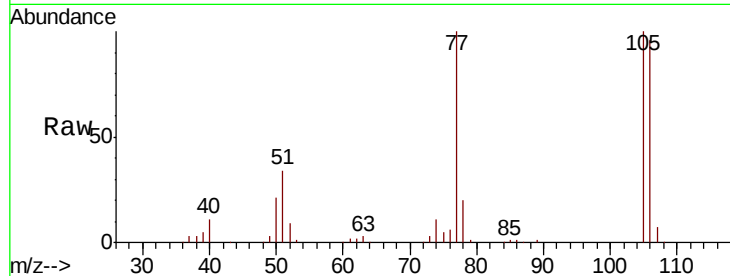
ClientSampleId :

GP-17-030520MS

Tot Ion:	77	Resp:	192798
Ion Ratio	Lower	Upper	
77	100		
105	99.9	80.1	120.1
106	95.9	75.9	115.9

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#10

Phenol

Concen: 48.478 ng

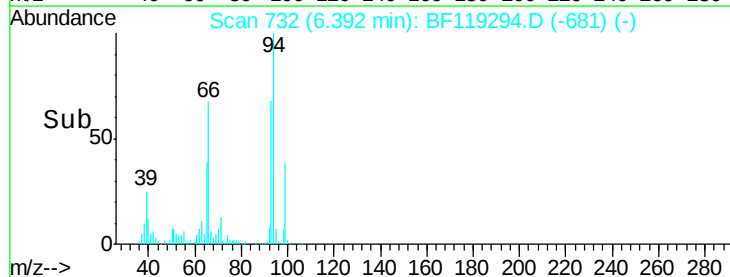
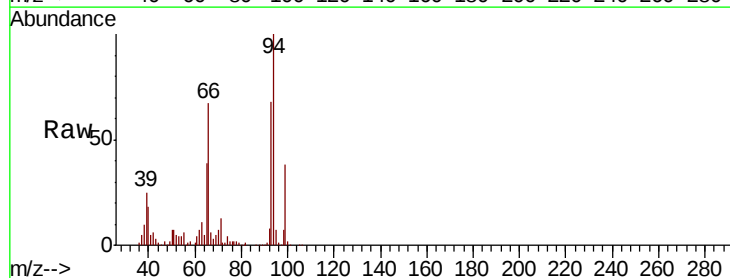
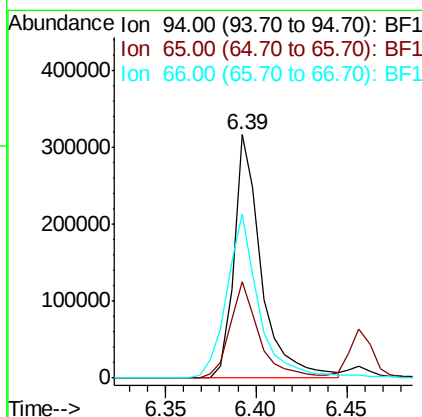
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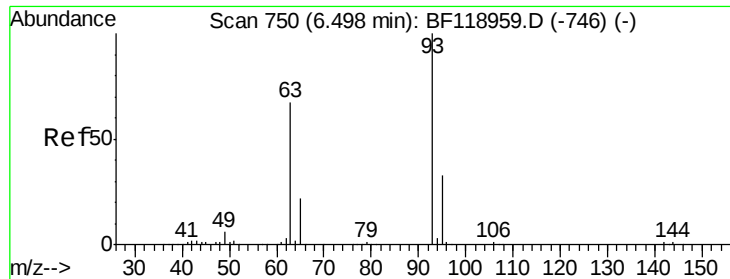
Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	94	Resp:	332707
Ion Ratio	Lower	Upper	
94	100		
65	39.5	19.2	59.2
66	67.3	44.4	84.4





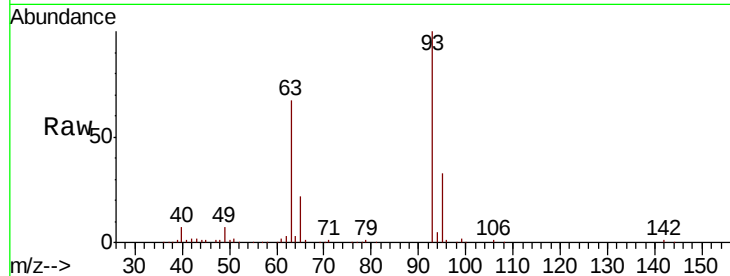
#11
bis(2-Chloroethyl)ether
Concen: 47.390 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	248856		
63	67.2		45.4	85.4
95	32.8		13.5	53.5

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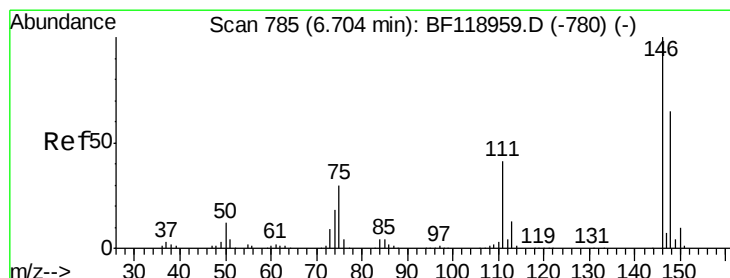
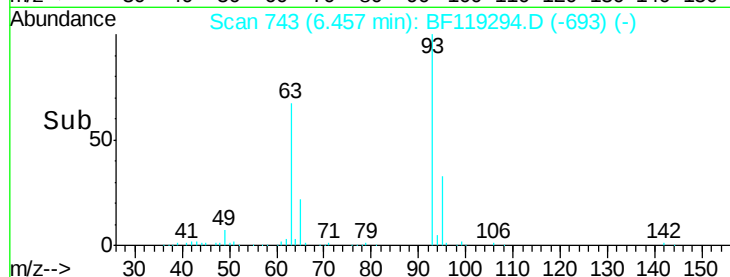
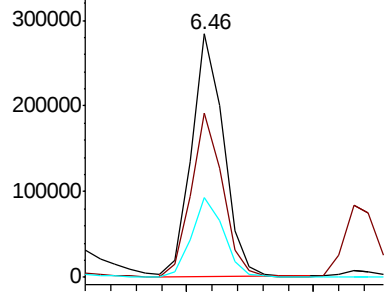


Abundance

Ion 93.00 (92.70 to 93.70): BF1

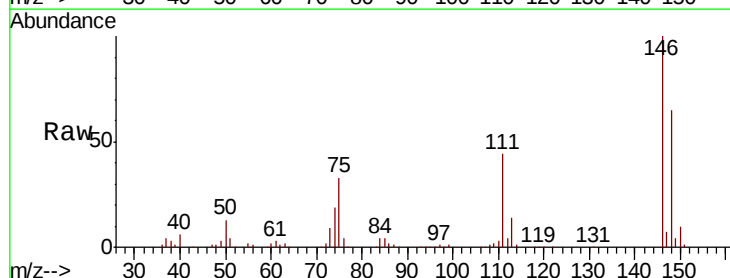
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 45.599 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	307842		
148	65.5		52.5	78.7
75	32.7		23.6	35.4

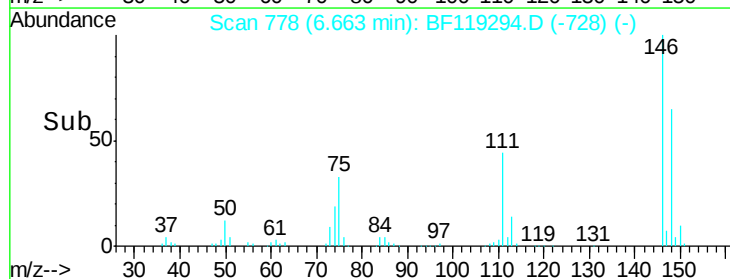
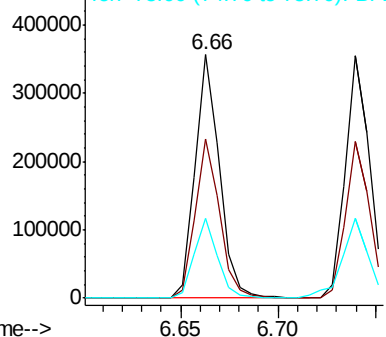


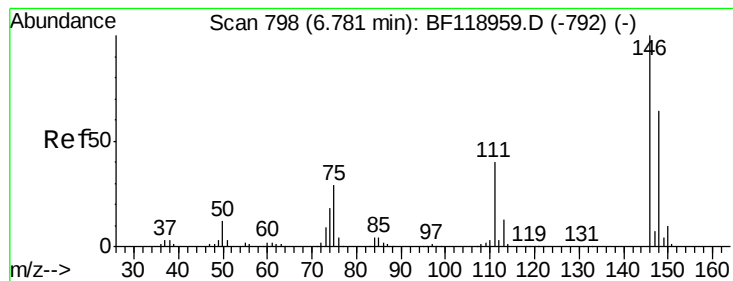
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 46.789 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

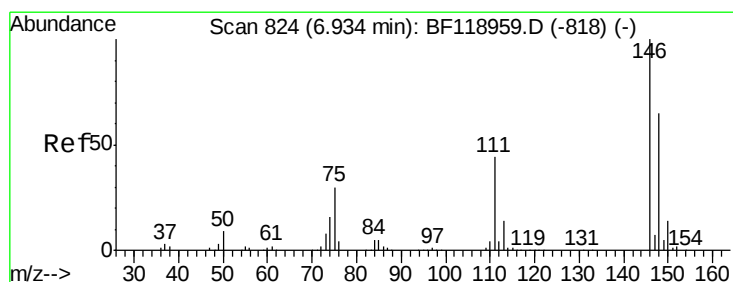
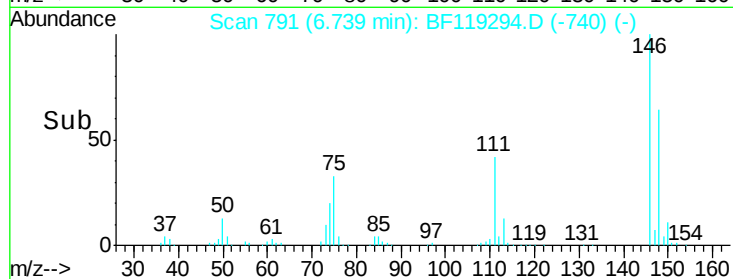
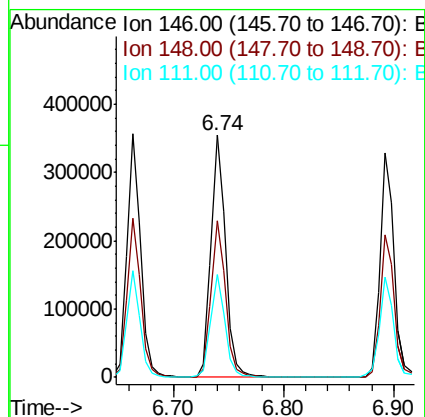
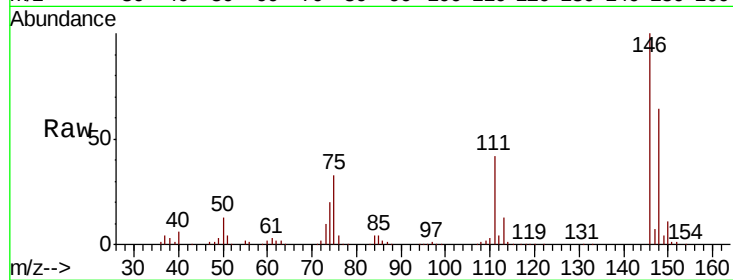
ClientSampleId :

GP-17-030520MS

Tot Ion:	146	Resp:	316095
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.1	76.7
111	42.4	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 47.340 ng

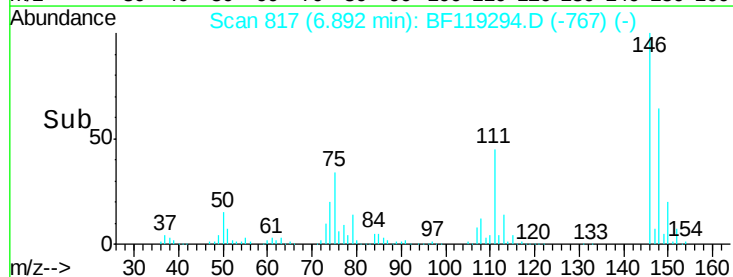
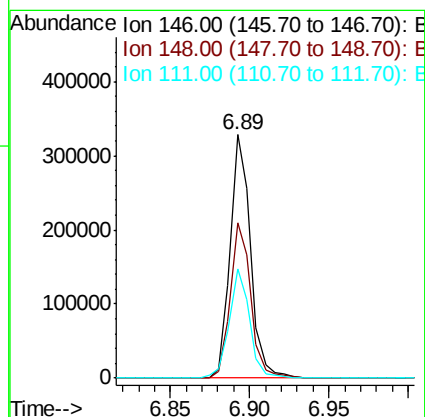
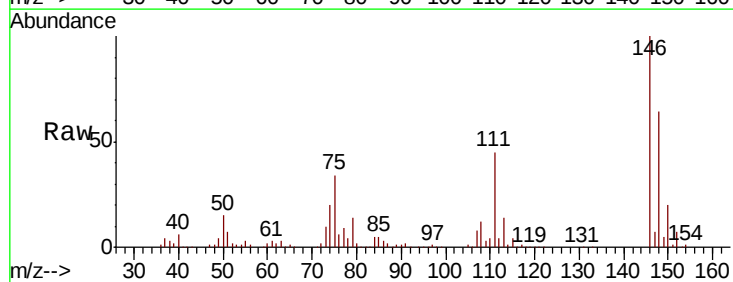
RT: 6.89 min Scan# 817

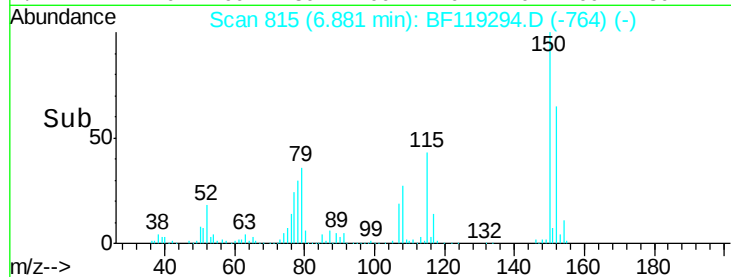
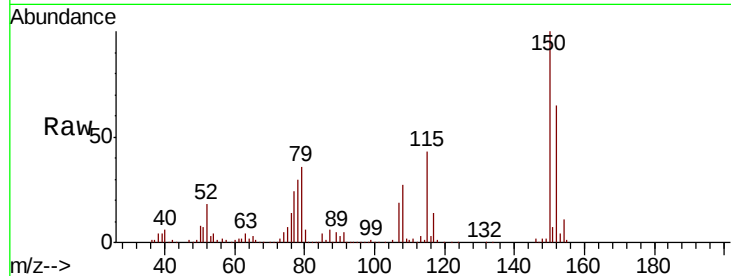
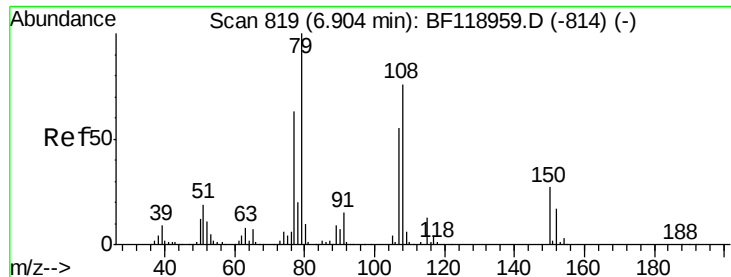
Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	146	Resp:	291675
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
111	44.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 50.499 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tot Ion:	79	Resp:	231673
Ion Ratio	Lower	Upper	
79	100		
108	75.8	58.2	87.2
77	65.8	51.2	76.8

Instrument :

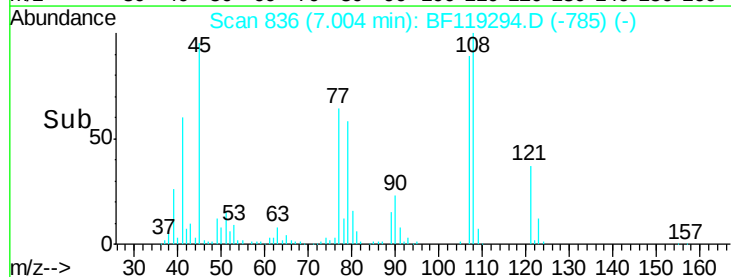
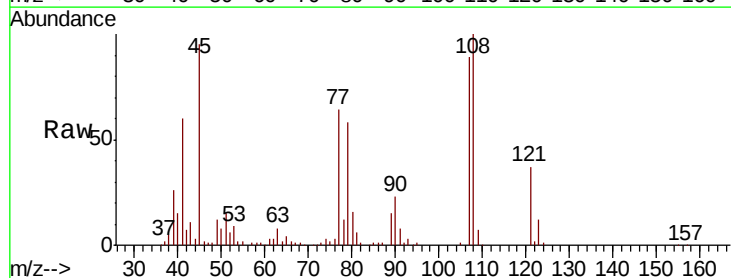
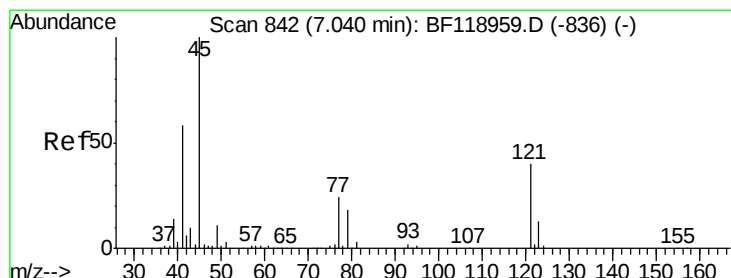
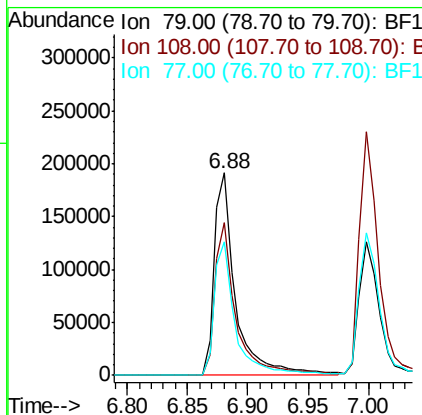
BNA_F

ClientSampleId :

GP-17-030520MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.329 ng

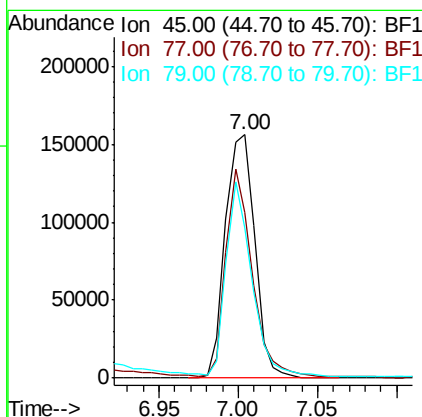
RT: 7.00 min Scan# 836

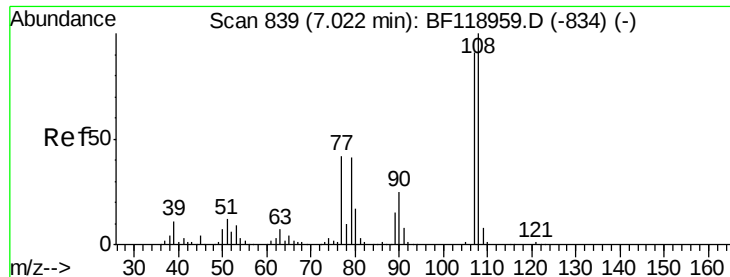
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	45	Resp:	201646
Ion Ratio	Lower	Upper	
45	100		
77	67.8	15.0	55.0#
79	61.6	9.4	49.4#





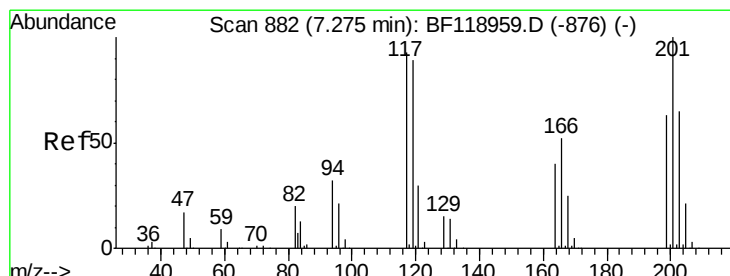
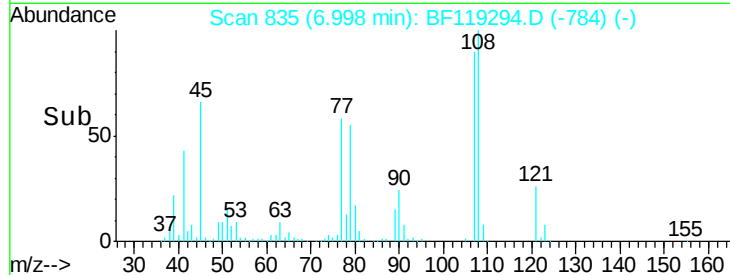
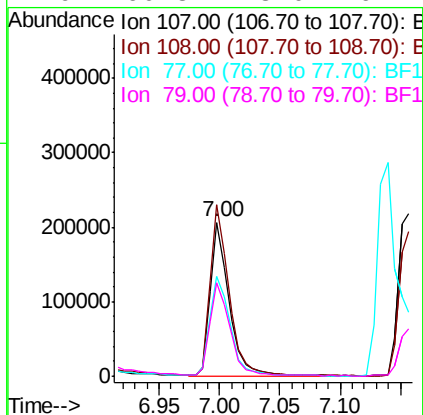
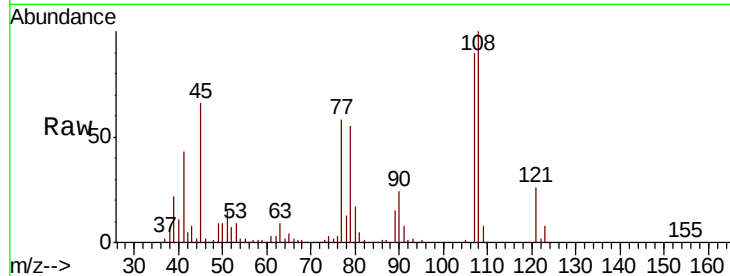
#17
2-Methylphenol
Concen: 48.632 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	87.9	131.9	
77	64.9	45.3	67.9	
79	60.8	43.0	64.4	

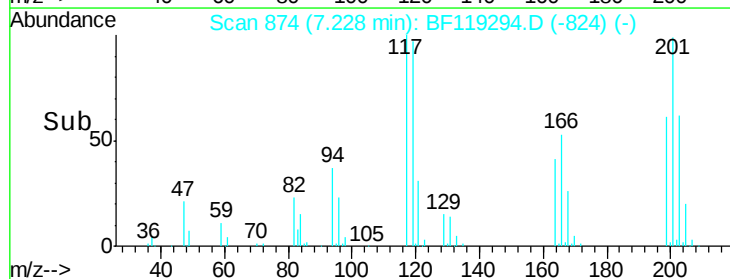
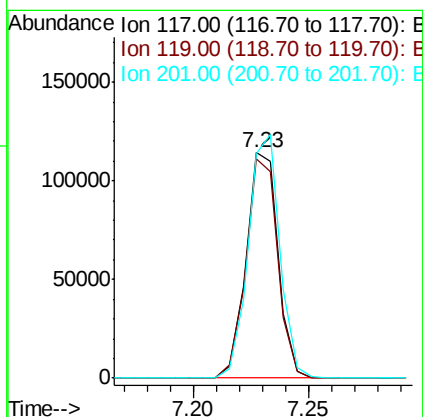
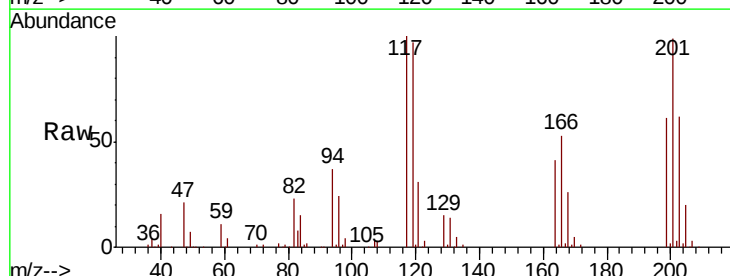
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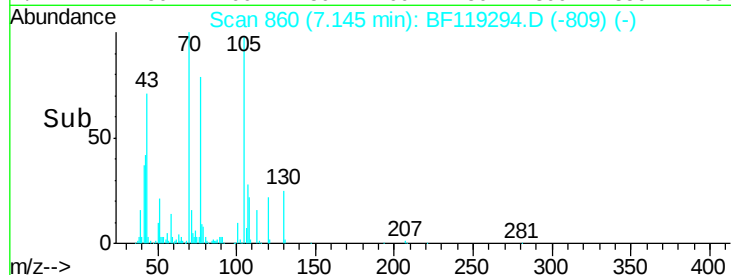
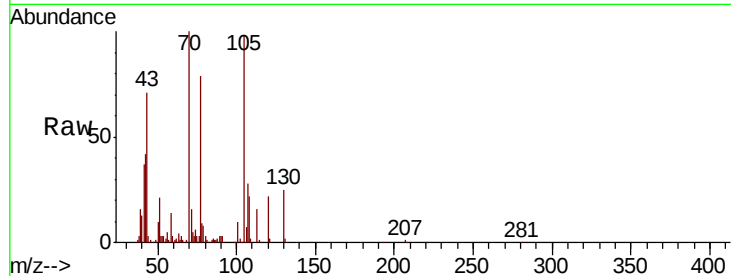
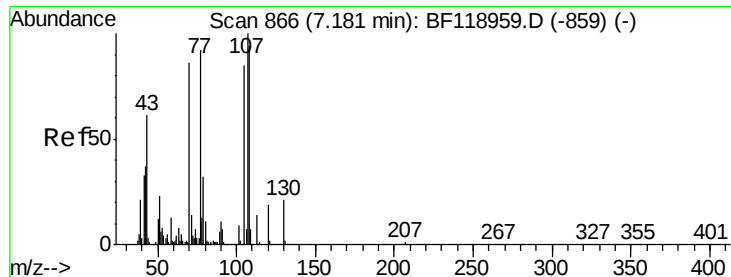
mohammad
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#18
Hexachloroethane
Concen: 45.745 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

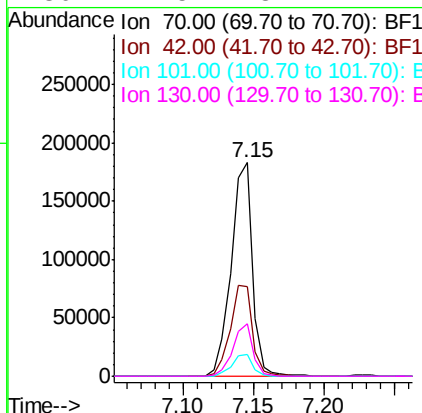
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.5	116.3	
201	99.4	82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 52.081 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

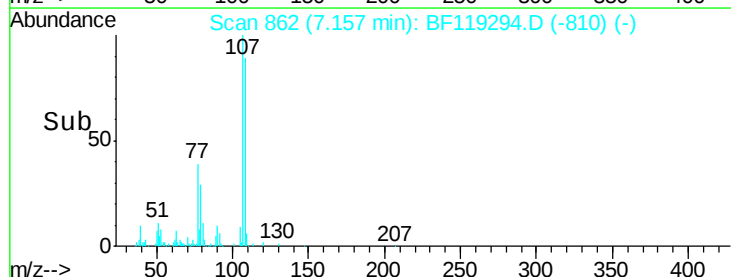
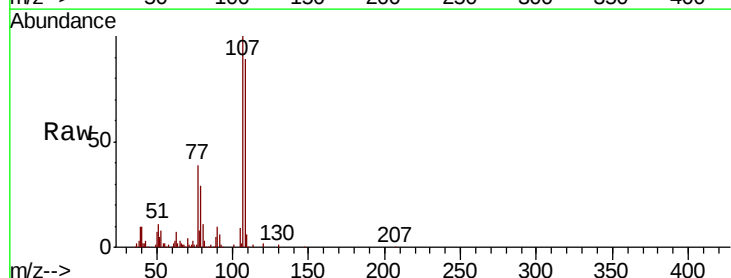
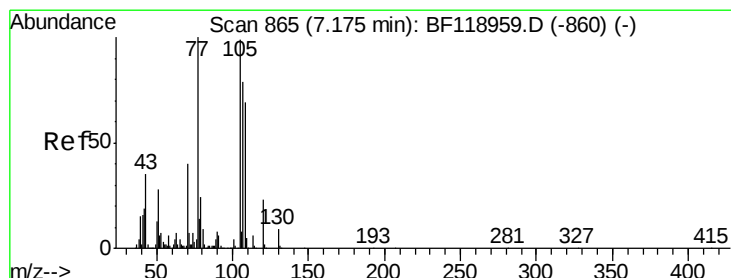
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.2	38.0	57.0
101	10.3	8.2	12.4
130	24.5	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

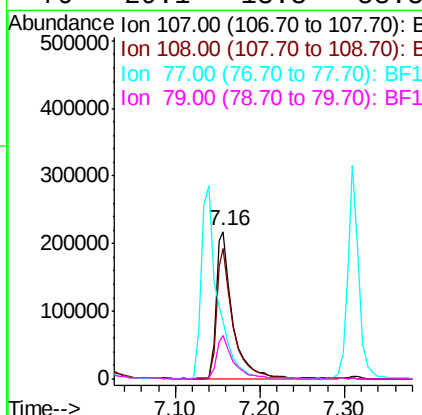
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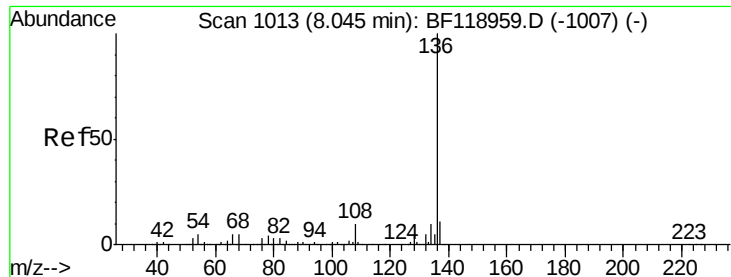
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#20
3+4-Methylphenols
Concen: 53.619 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.5	111.5
77	39.3	45.9	85.9#
79	29.1	13.8	53.8





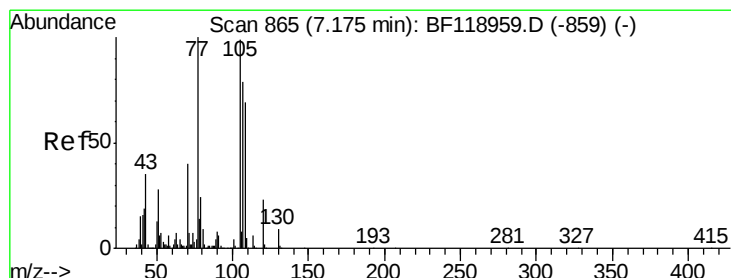
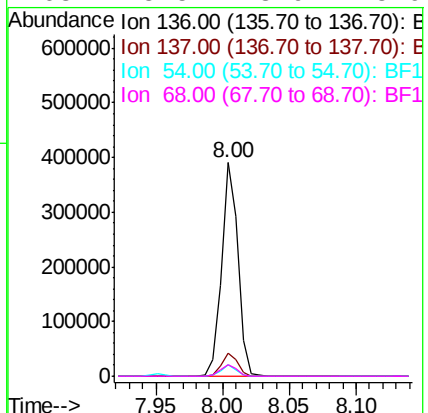
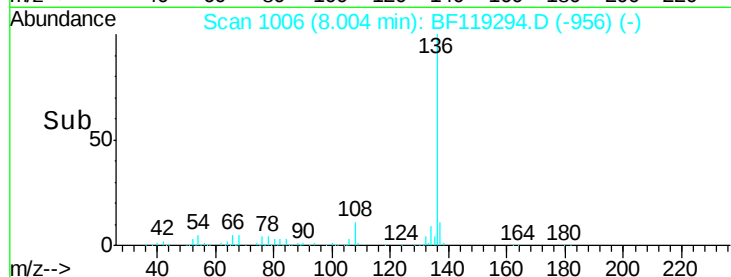
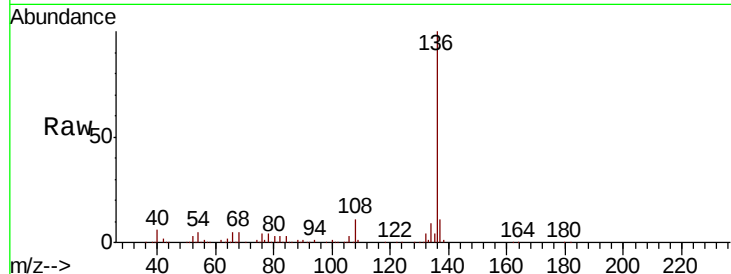
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		340009		
137	10.7		8.8	13.2	
54	5.2		3.8	5.6	
68	5.5		3.9	5.9	

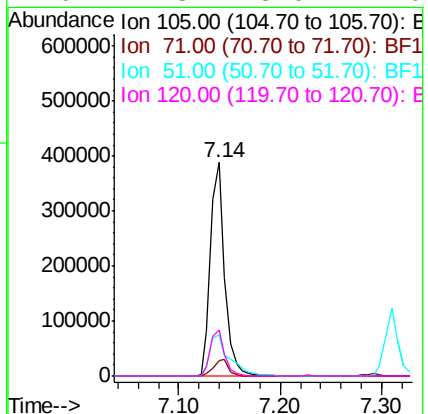
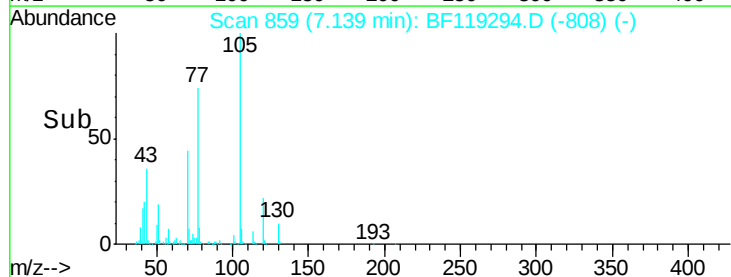
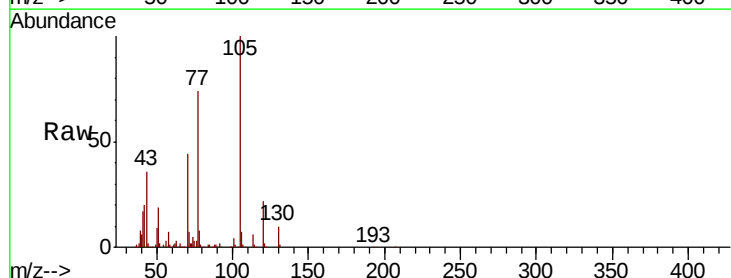
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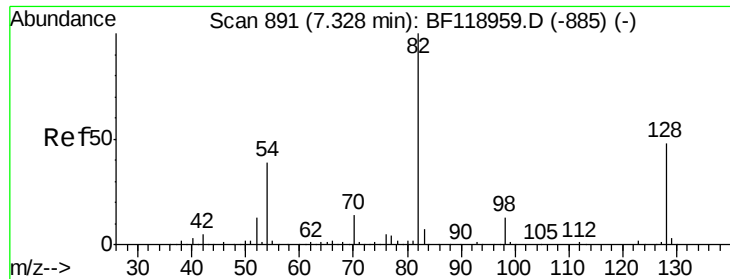
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#22
Acetophenone
Concen: 48.396 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		380727		
71	7.3		3.0	4.4#	
51	19.3		20.1	30.1#	
120	21.8		18.0	27.0	





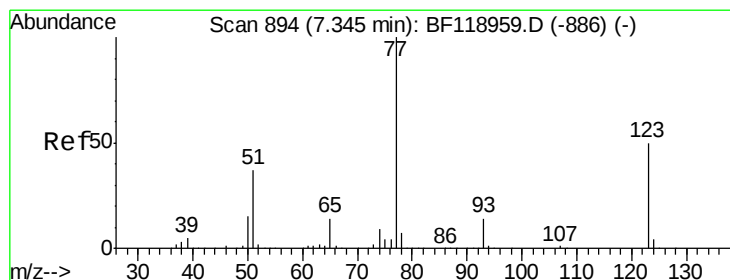
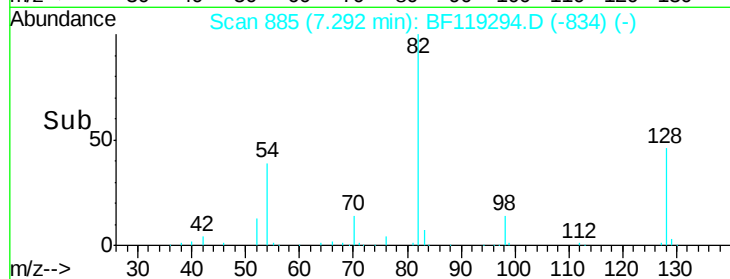
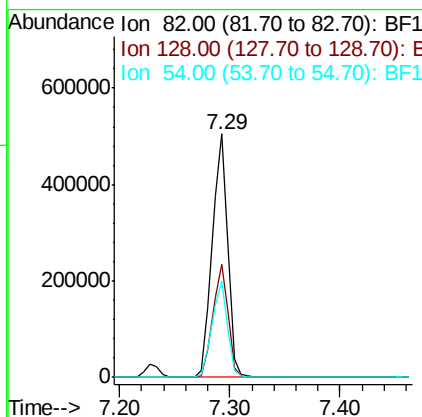
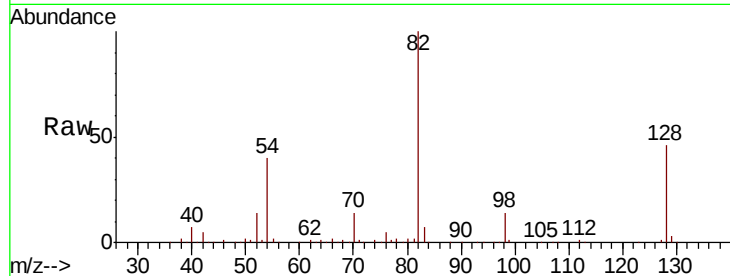
#23
 Nitrobenzene-d5
 Concen: 74.985 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.9	56.9
54	39.6	33.4	50.2

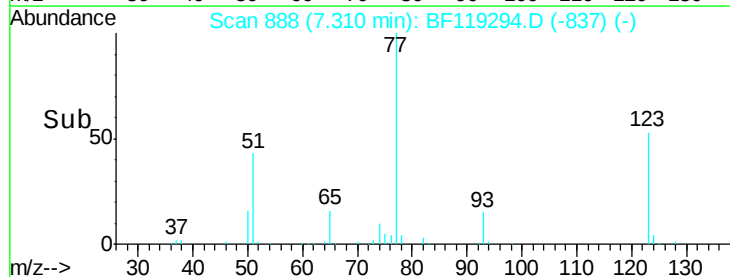
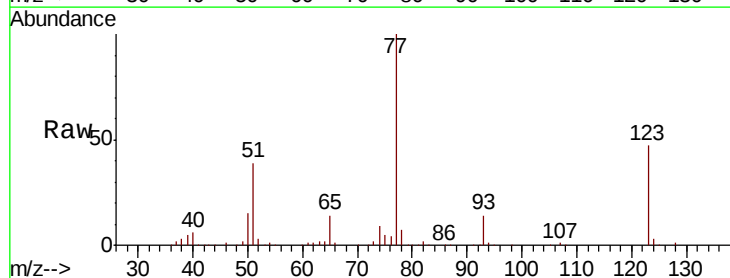
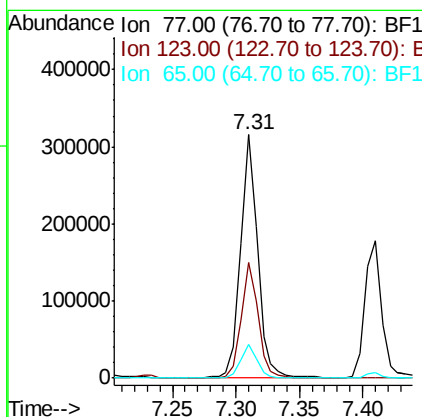
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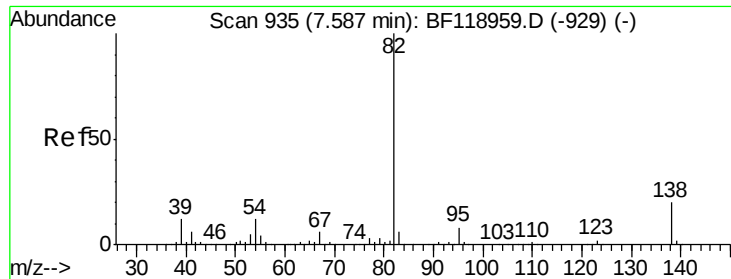
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#24
 Nitrobenzene
 Concen: 45.740 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	40.2	60.2
65	13.9	10.8	16.2





#25

Isophorone

Concen: 46.715 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

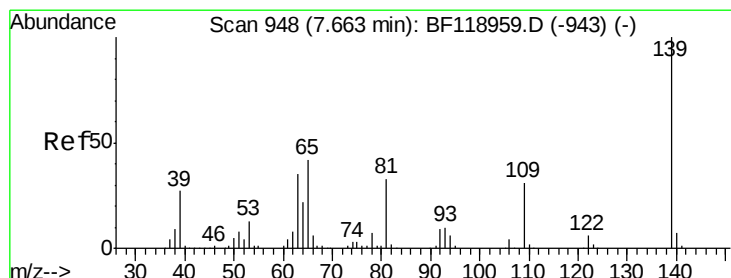
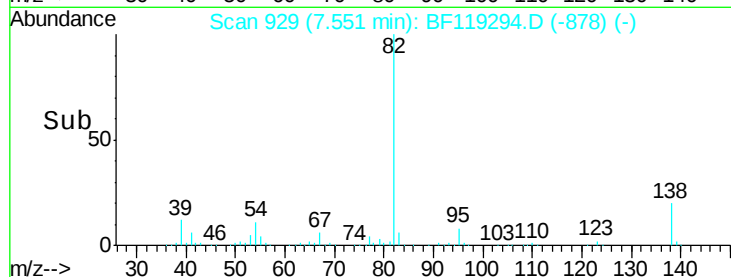
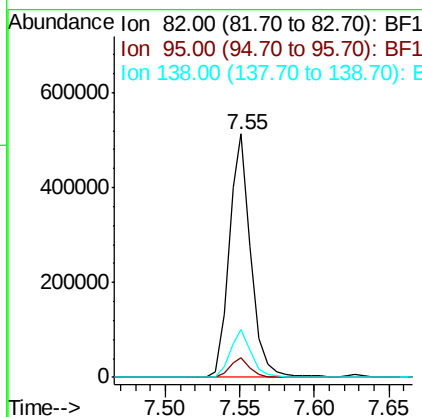
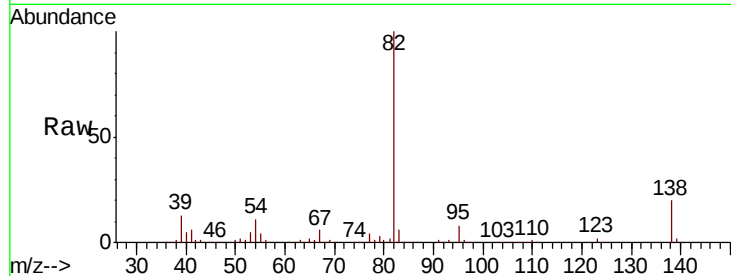
ClientSampleId :

GP-17-030520MS

Tot Ion:	82	Resp:	522437
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.4	9.6
138	19.6	15.7	23.5

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#26

2-Nitrophenol

Concen: 45.623 ng

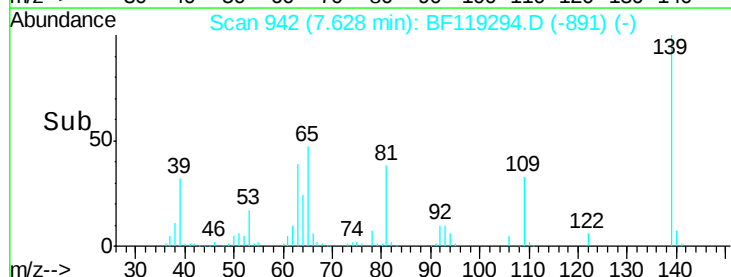
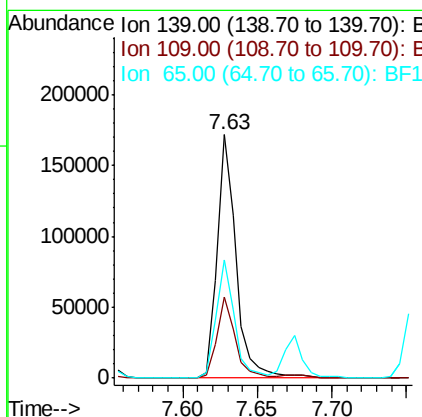
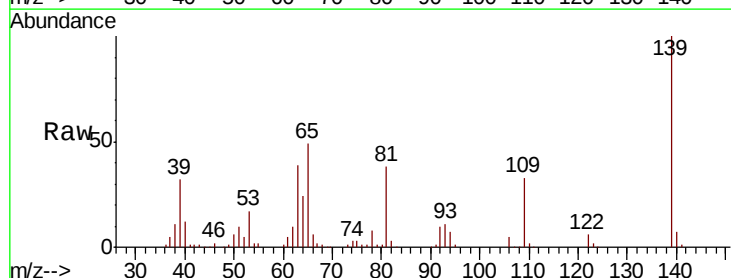
RT: 7.63 min Scan# 942

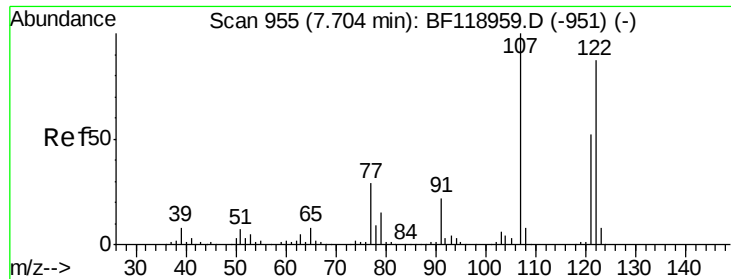
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	139	Resp:	153938
Ion Ratio		Lower	Upper
139	100		
109	33.1	25.7	38.5
65	48.6	37.1	55.7





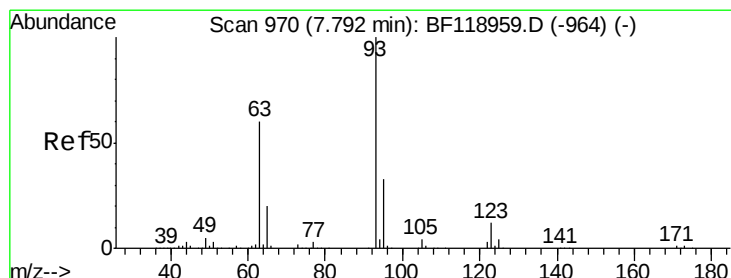
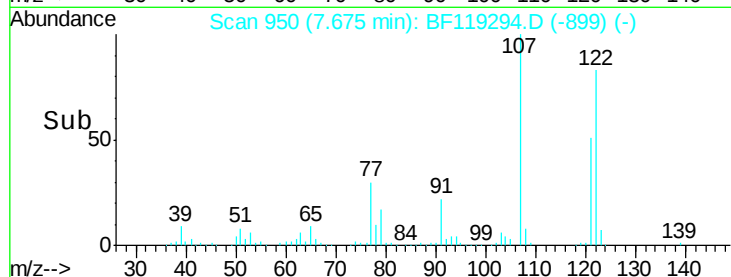
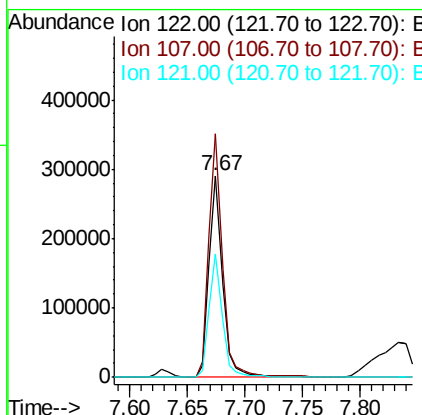
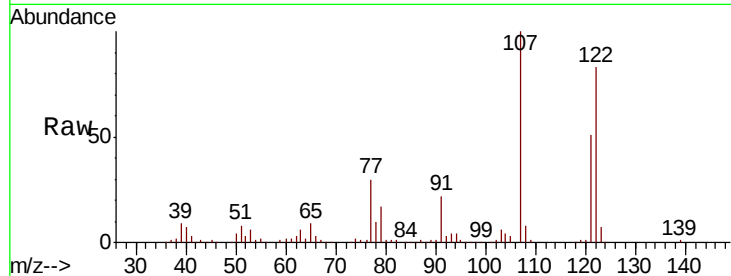
#27
2,4-Dimethylphenol
Concen: 52.174 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238921		
107	120.8	93.8	140.6	
121	61.2	48.2	72.2	

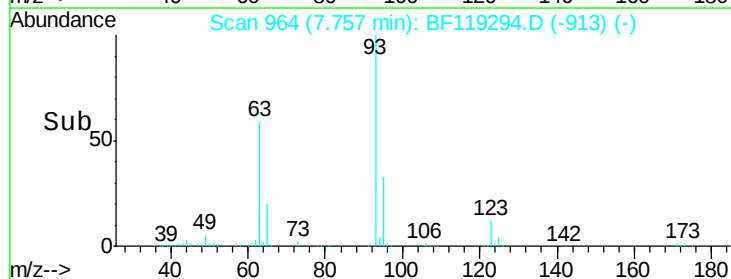
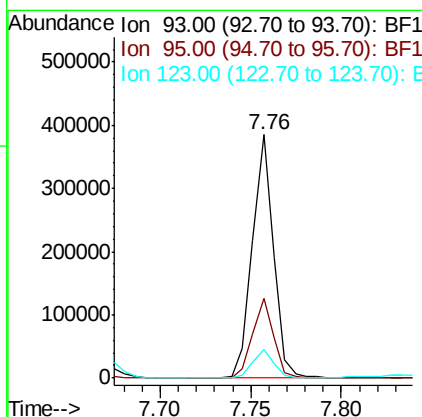
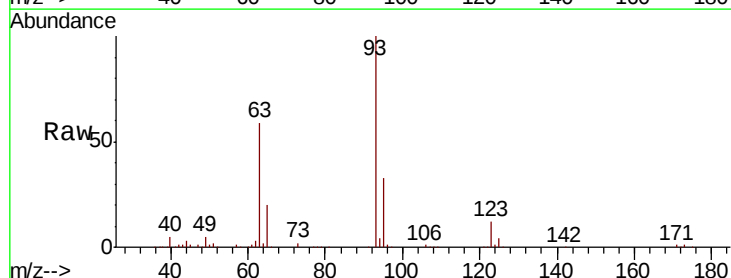
Manual Integrations
APPROVED

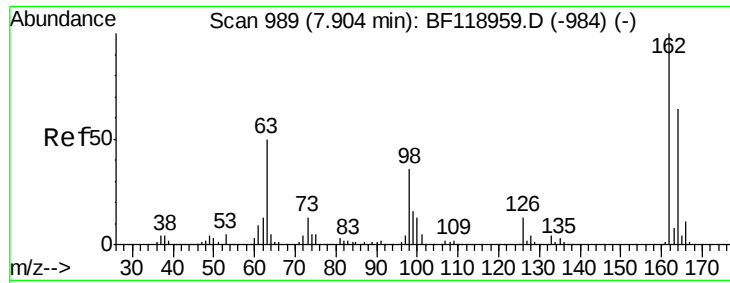
mohammad
3/10/2020 2:44:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.030 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	313233		
95	32.9	26.5	39.7	
123	11.5	10.2	15.2	





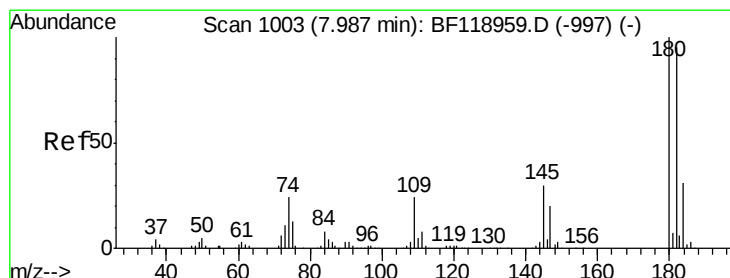
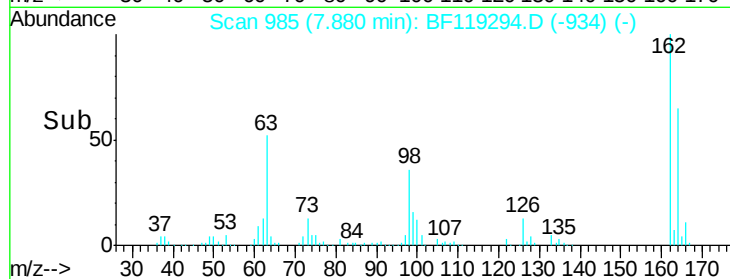
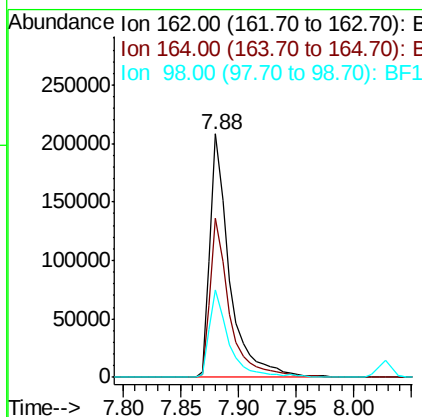
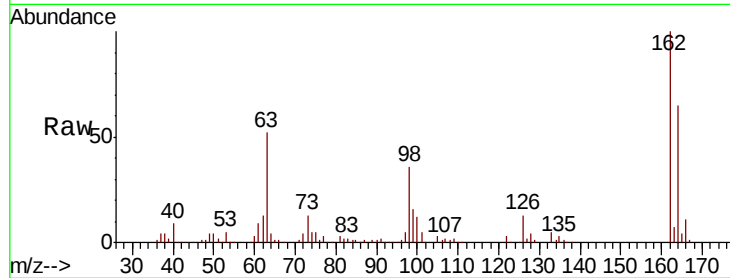
#29
2,4-Dichlorophenol
Concen: 45.813 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246971		
164	65.4	45.2	85.2	
98	36.2	17.4	57.4	

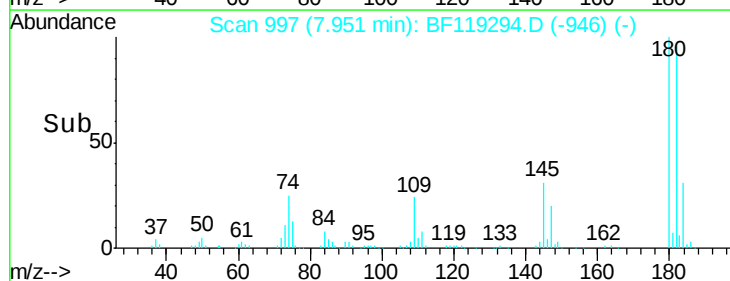
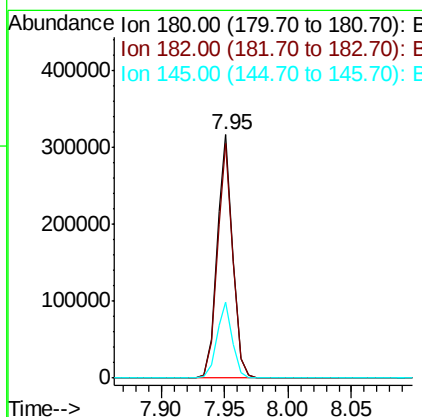
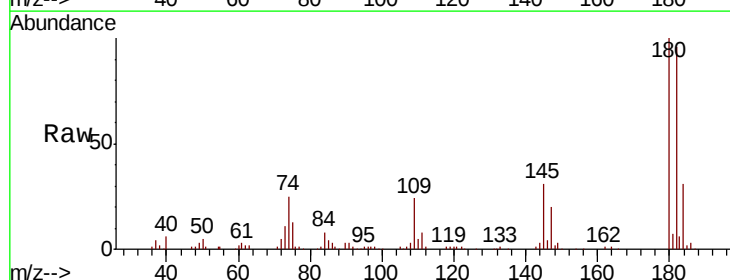
Manual Integrations
APPROVED

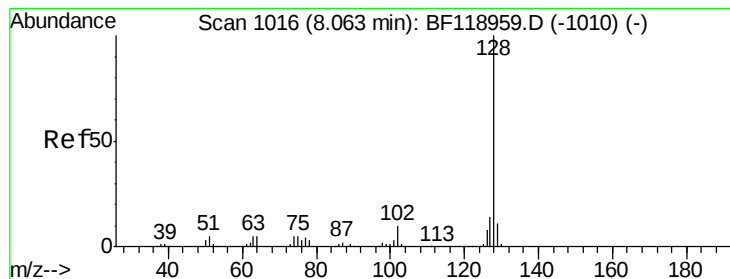
mohammad
3/10/2020 2:44:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.730 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273119		
182	96.4	77.8	116.6	
145	31.2	25.2	37.8	





#31

Naphthalene

Concen: 45.708 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

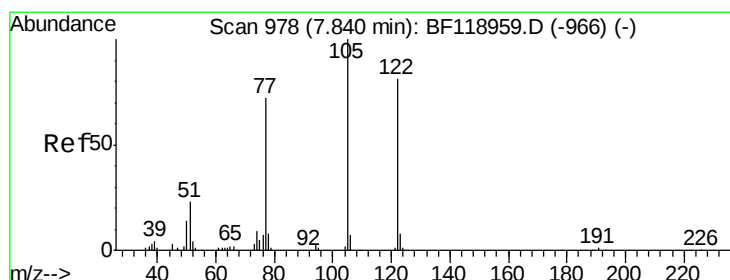
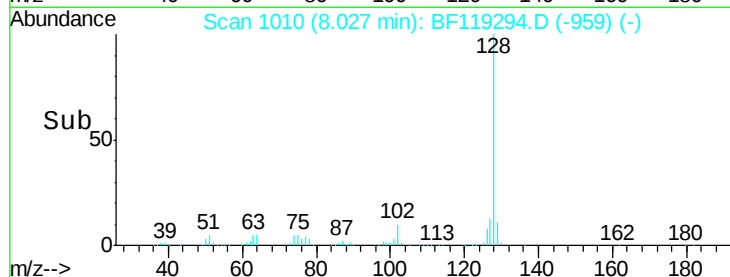
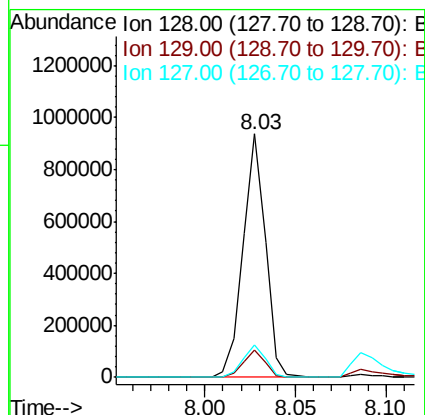
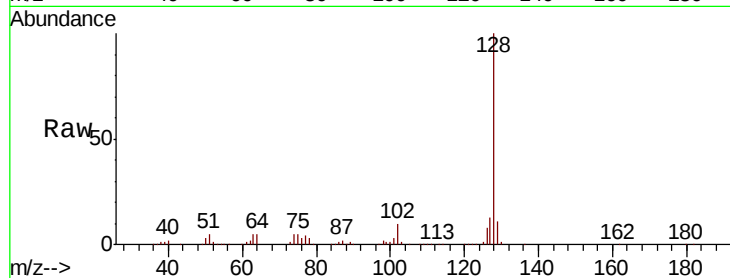
ClientSampleId :

GP-17-030520MS

Tot Ion:	128	Resp:	805989
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.5	11.4	17.2

Manual Integrations
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#32

Benzoic acid

Concen: 37.900 ng

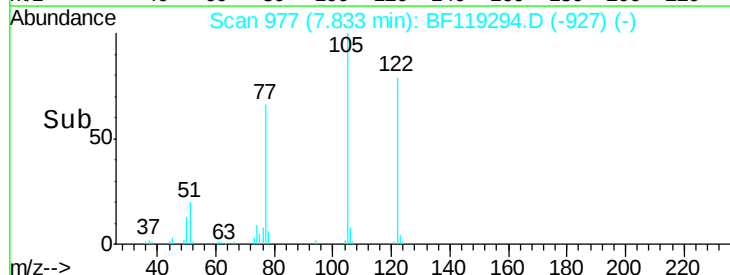
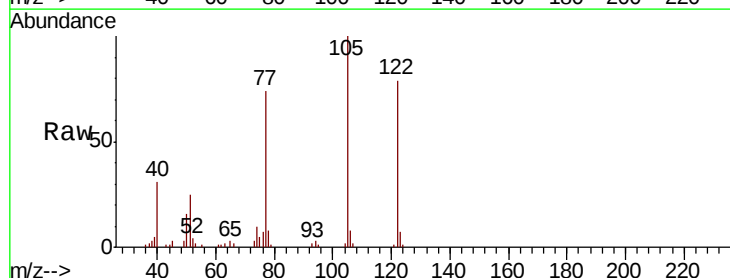
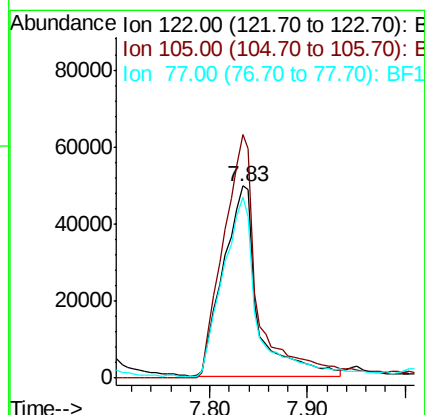
RT: 7.83 min Scan# 977

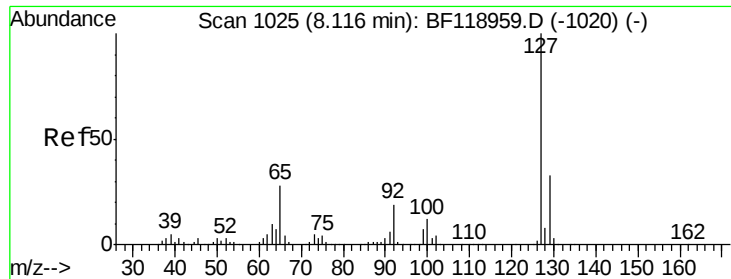
Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	122	Resp:	121180
Ion	Ratio	Lower	Upper
122	100		
105	126.7	106.3	146.3
77	94.1	73.1	113.1





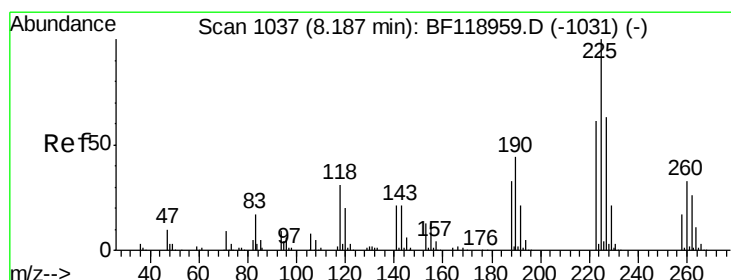
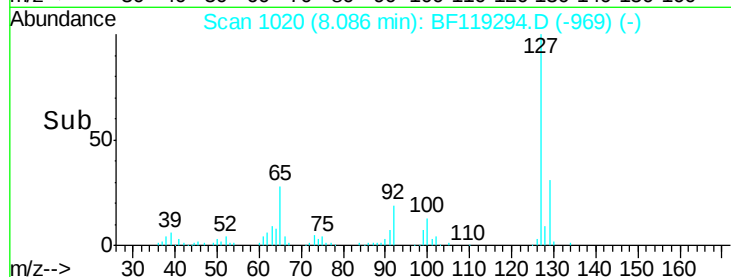
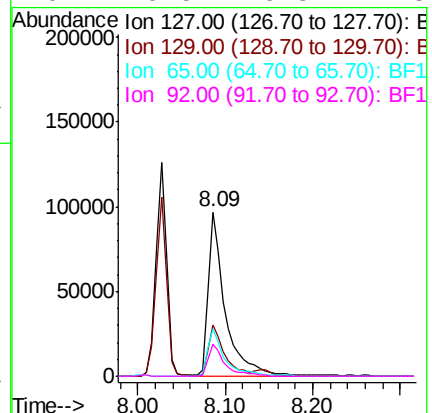
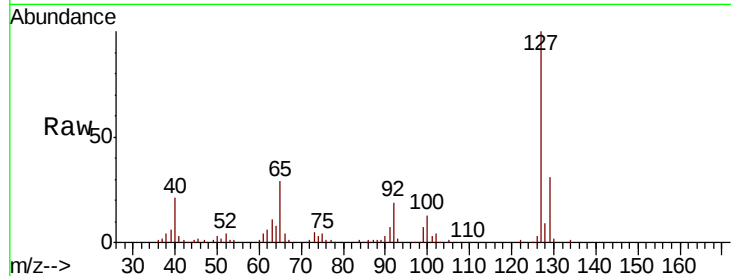
#33
4-Chloroaniline
Concen: 17.144 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	29.0	23.9	35.9	
92	19.5	16.3	24.5	

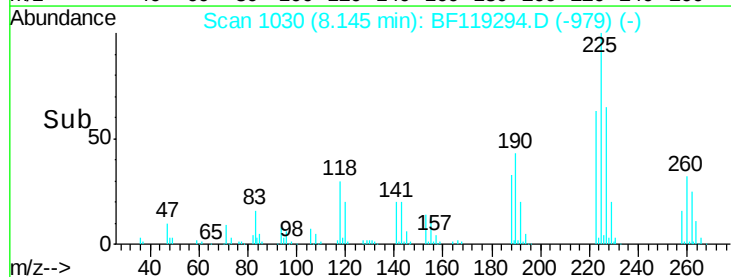
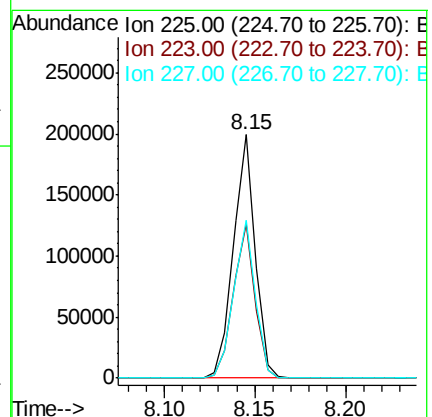
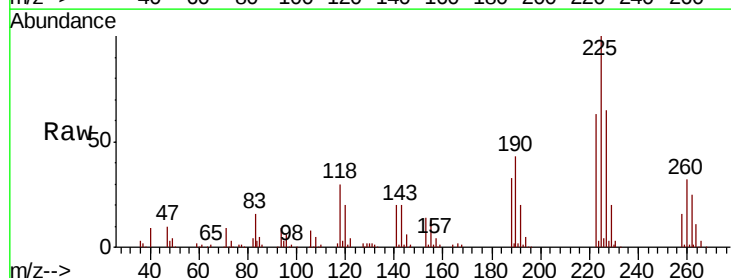
Manual Integrations
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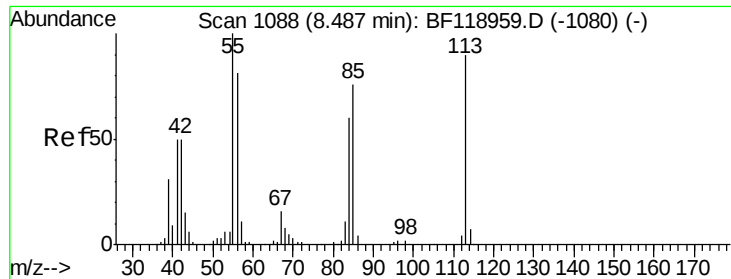
mohammad
3/10/2020 2:44:25 PM



#34
Hexachlorobutadiene
Concen: 41.837 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	49.4	74.2	
227	65.0	52.9	79.3	





#35

Caprolactam

Concen: 47.522 ng m

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

GP-17-030520MS

Tot Ion:113 Resp: 78884

Ion Ratio Lower Upper

113 100

55 114.8 95.7 135.7

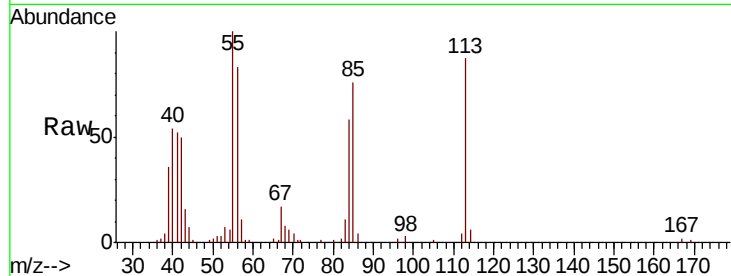
56 95.3 73.1 113.1

Manual Integrations

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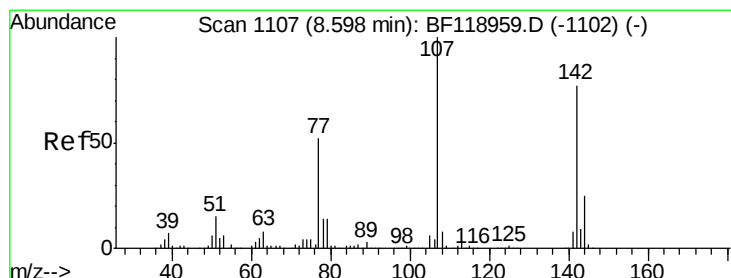
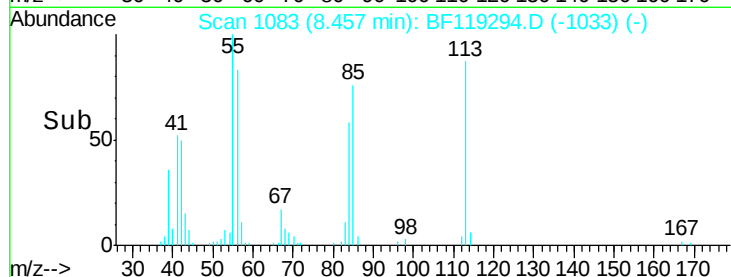
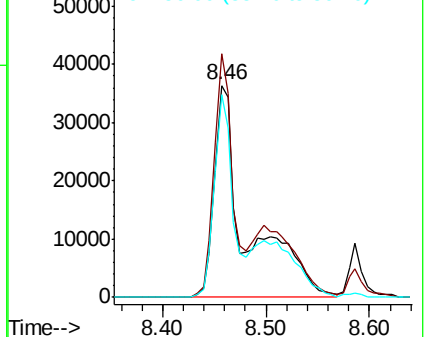
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.853 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

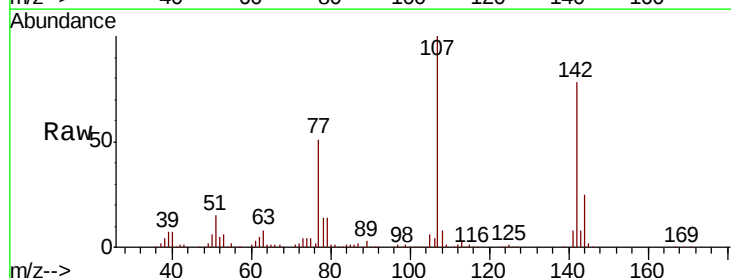
Tgt Ion:107 Resp: 266532

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

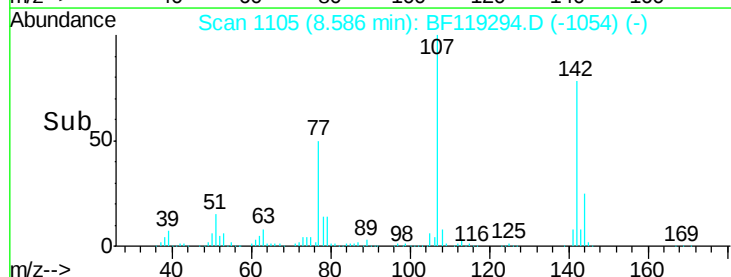
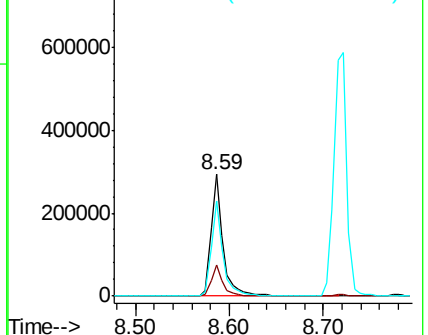
142 77.8 61.4 92.2

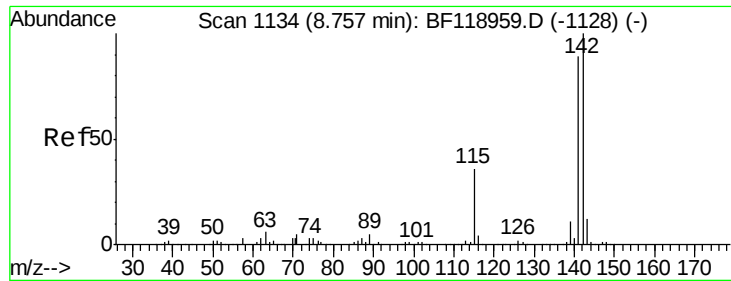


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





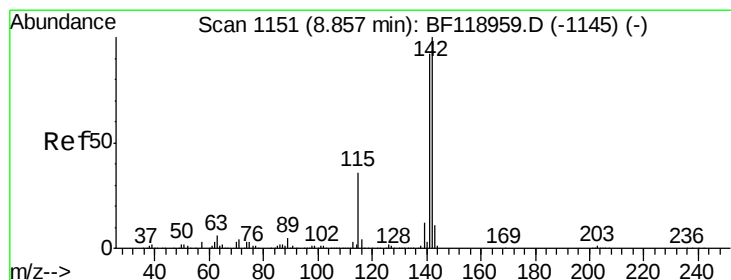
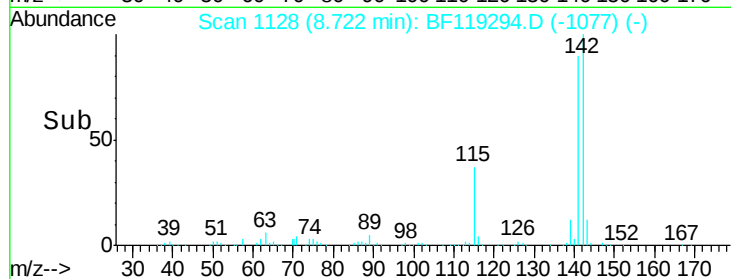
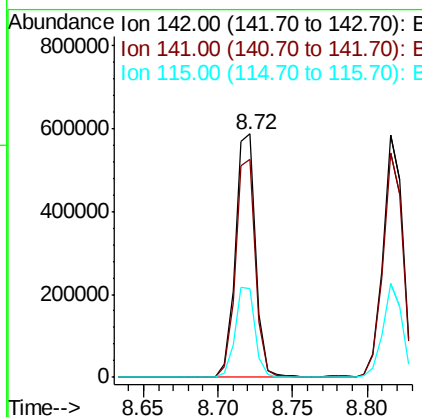
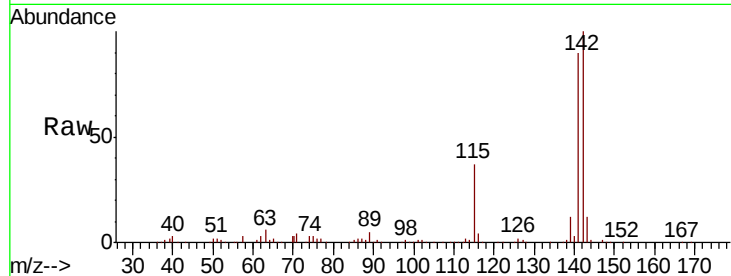
#37
2-Methylnaphthalene
Concen: 46.926 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	36.5	30.6	45.8

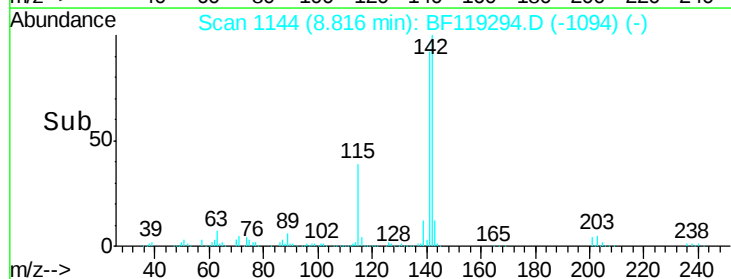
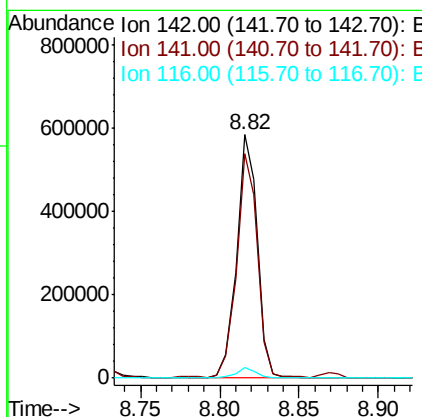
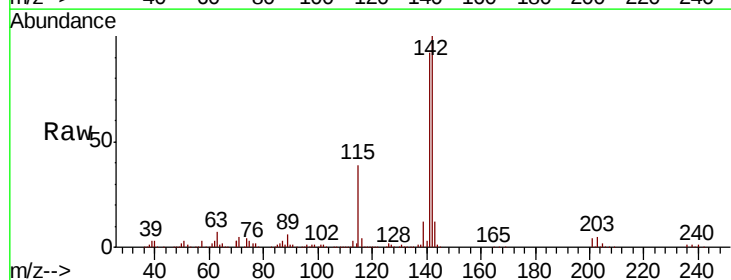
Manual Integrations
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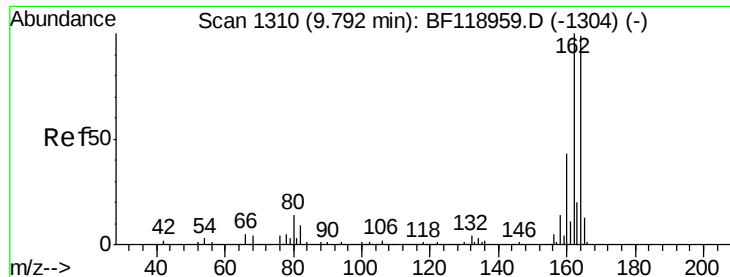
mohammad
3/10/2020 2:44:25 PM



#38
1-Methylnaphthalene
Concen: 47.059 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.6
116	4.2	3.1	4.7





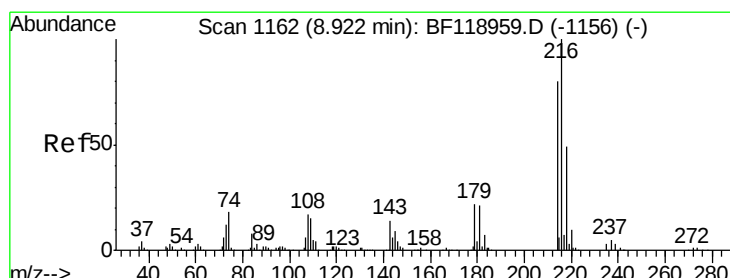
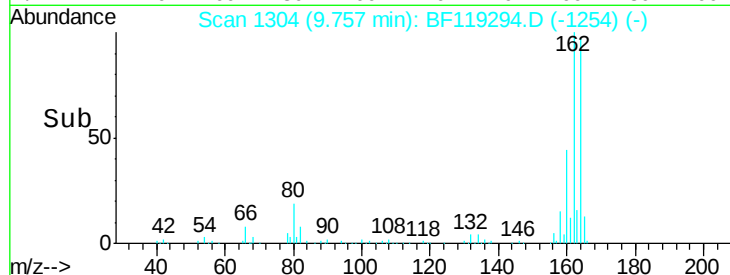
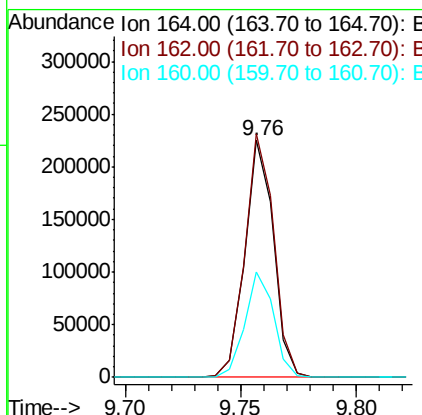
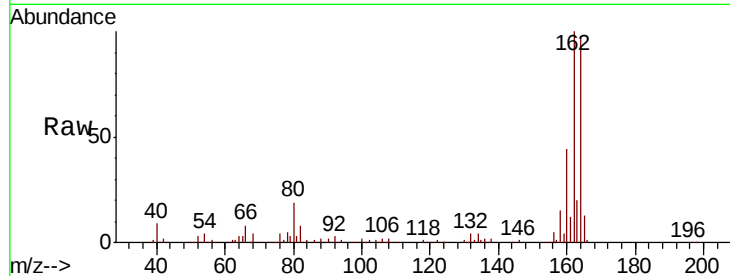
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	44.7	36.0	54.0

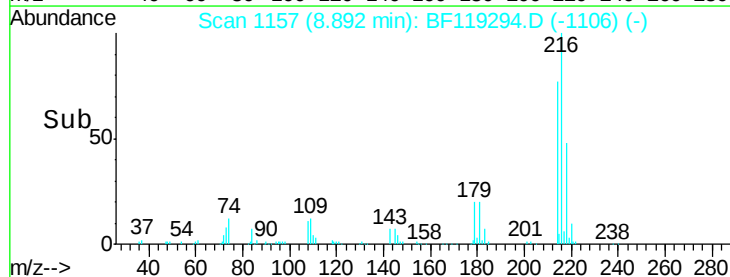
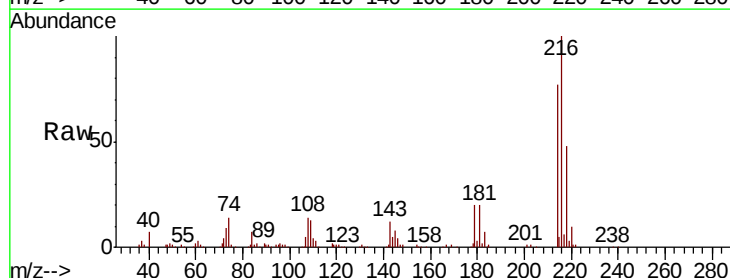
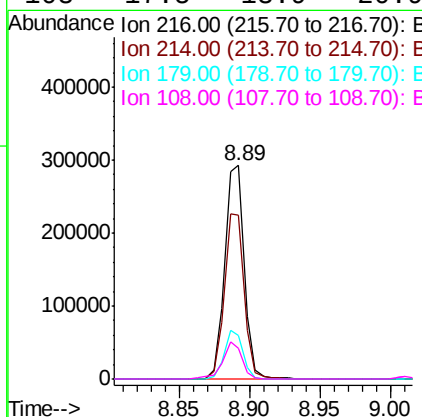
Manual Integrations
 APPROVED

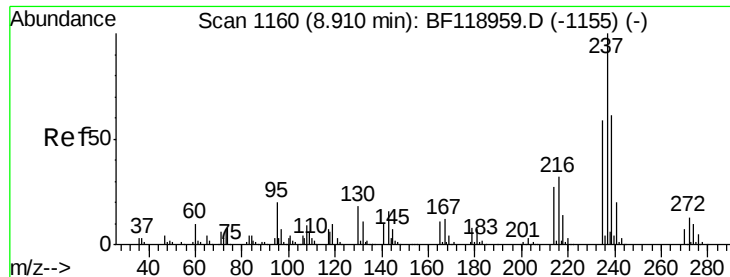
mohammad
 3/10/2020 2:44:25 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.513 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.6	17.7	26.5
108	17.5	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 41.685 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

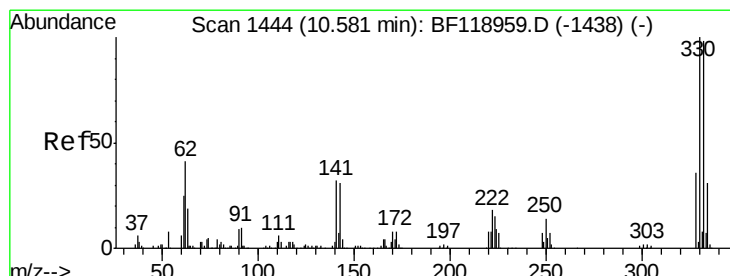
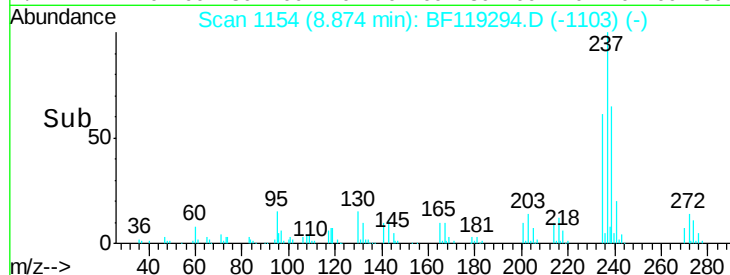
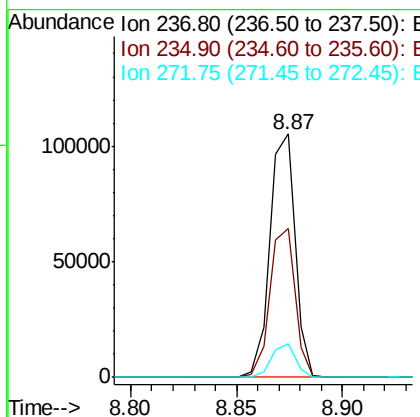
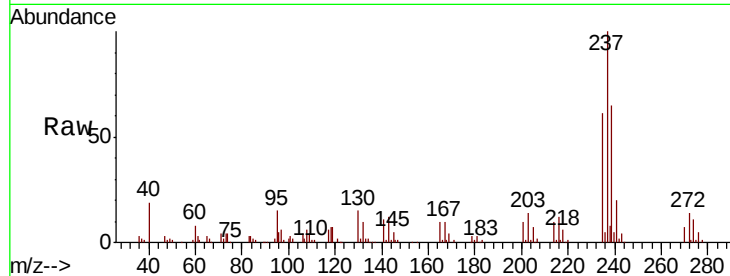
ClientSampleId :

GP-17-030520MS

Tot Ion:	237	Resp:	87783
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.3	82.3
272	13.8	0.0	33.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 110.616 ng

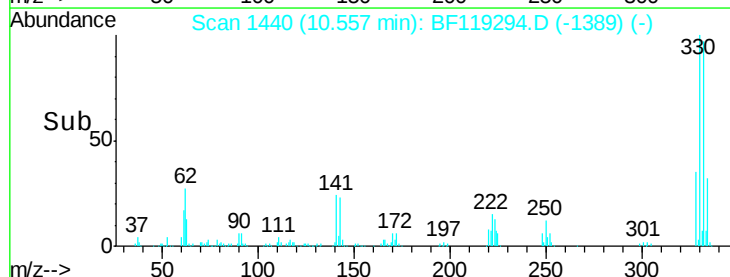
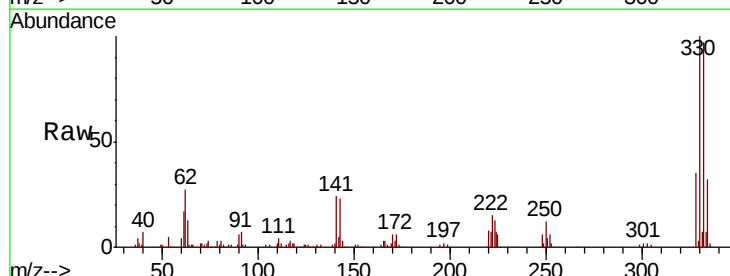
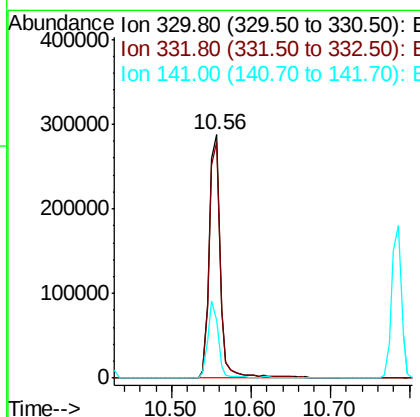
RT: 10.56 min Scan# 1440

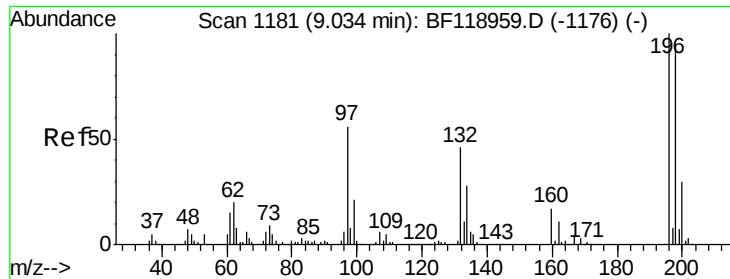
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	330	Resp:	282895
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.0	114.0
141	29.6	22.9	34.3





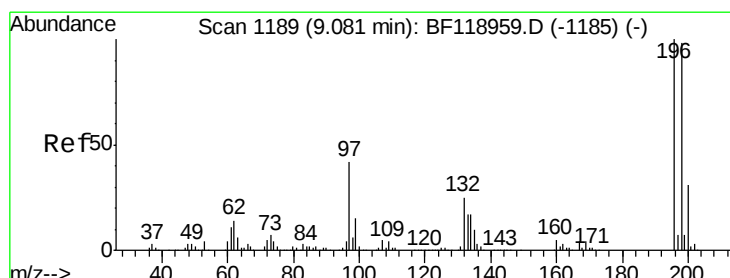
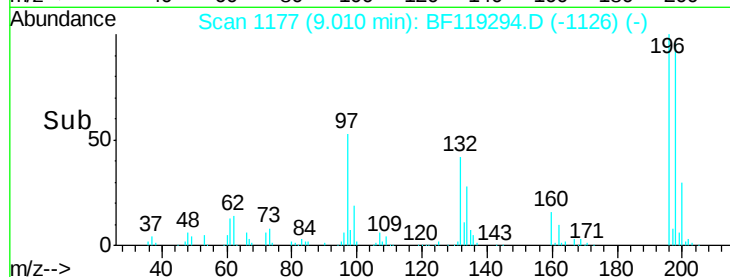
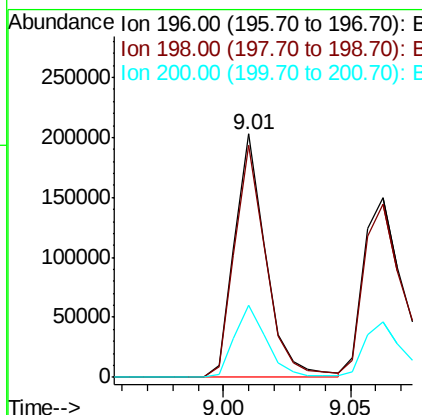
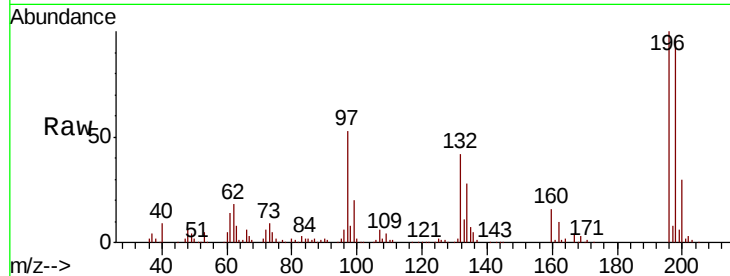
#43
 2,4,6-Trichlorophenol
 Concen: 41.977 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174728		
198	95.5	77.1	115.7	
200	29.8	25.0	37.6	

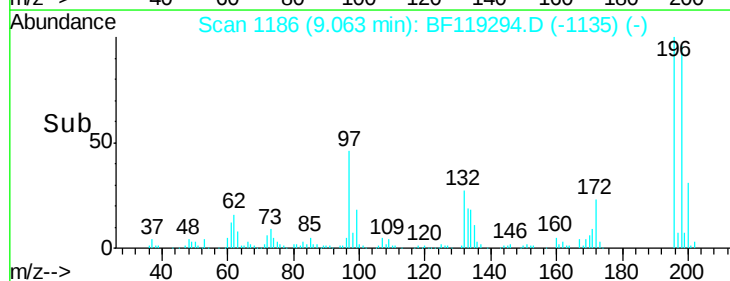
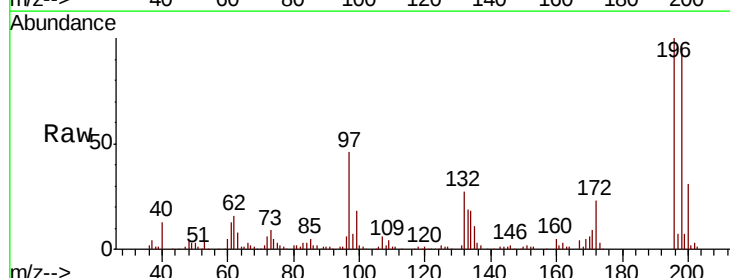
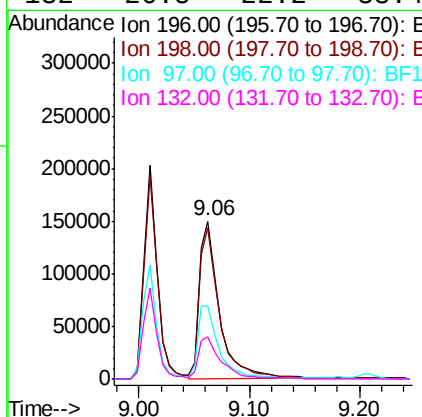
Manual Integrations
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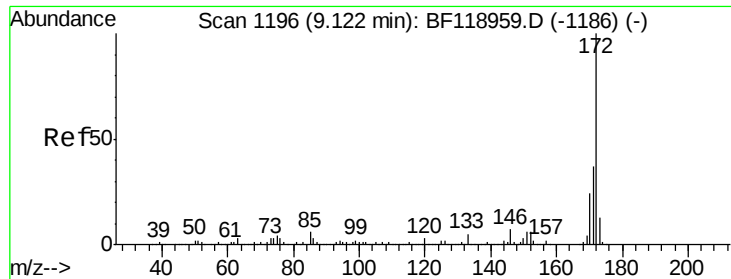
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.957 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183264		
198	96.0	76.8	115.2	
97	46.3	38.5	57.7	
132	26.5	22.2	33.4	





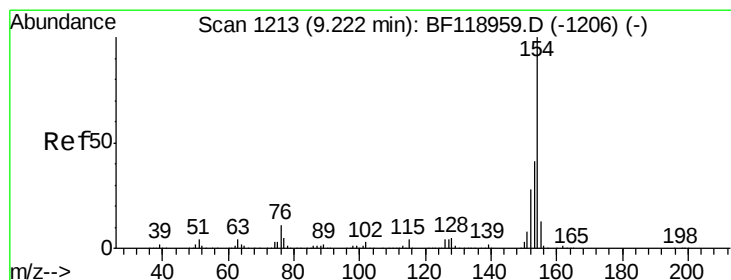
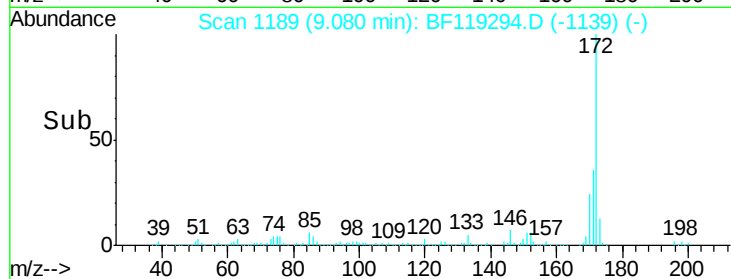
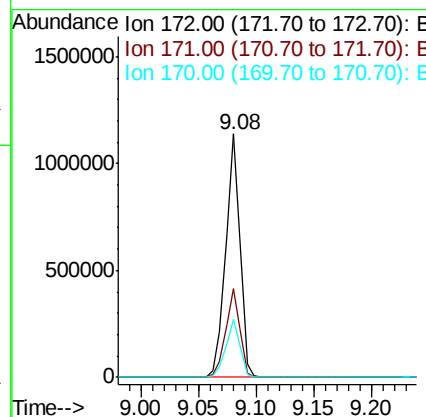
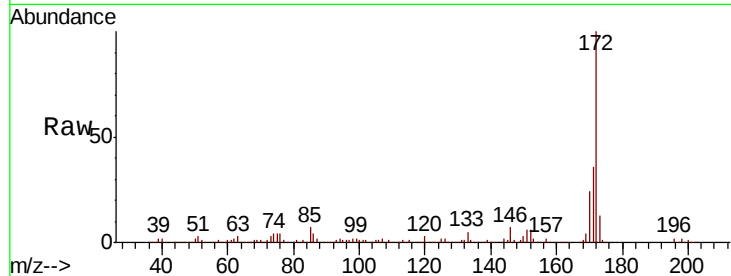
#45
2-Fluorobiphenyl
Concen: 74.077 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.9	20.2	30.2

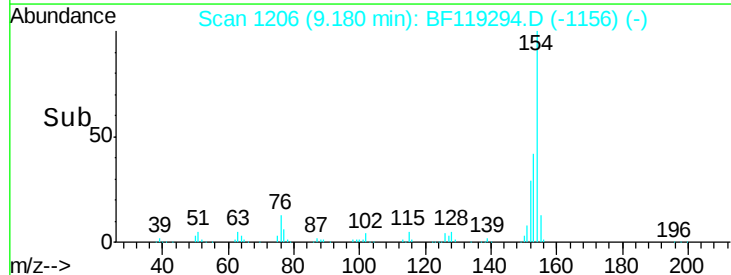
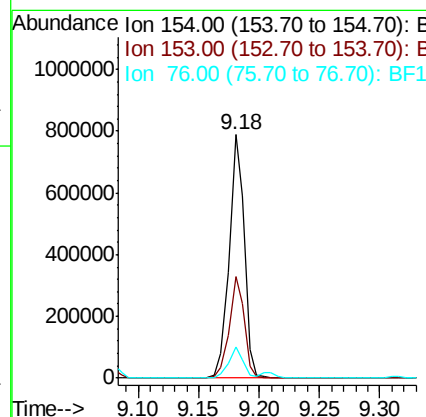
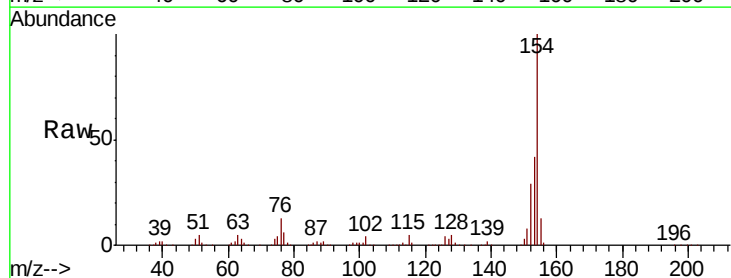
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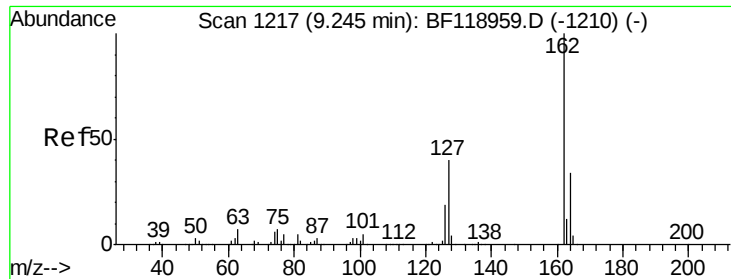
mohammad
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#46
1,1'-Biphenyl
Concen: 43.050 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	12.7	0.0	32.2





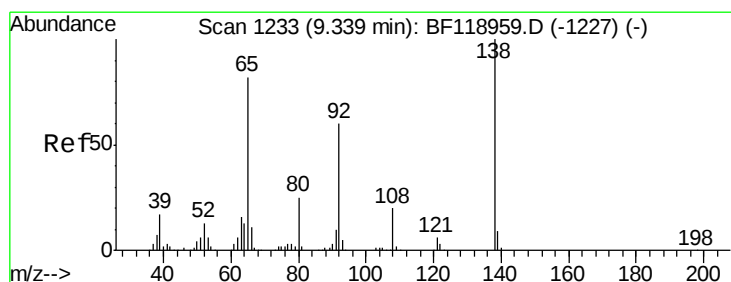
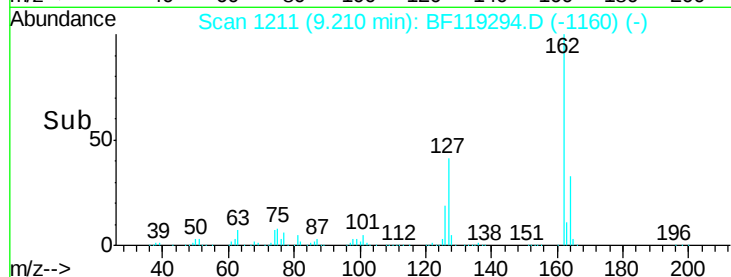
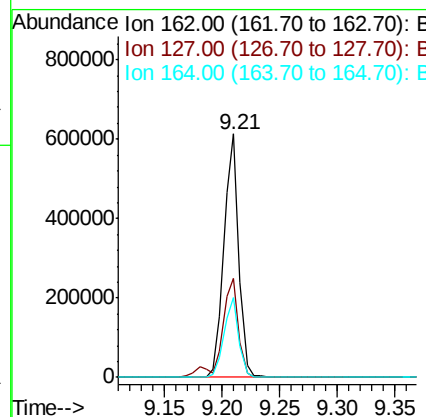
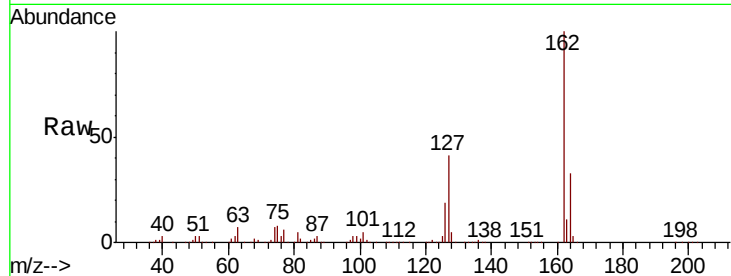
#47
2-Chloronaphthalene
Concen: 42.759 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.0	52.4
164	32.7	27.2	40.8

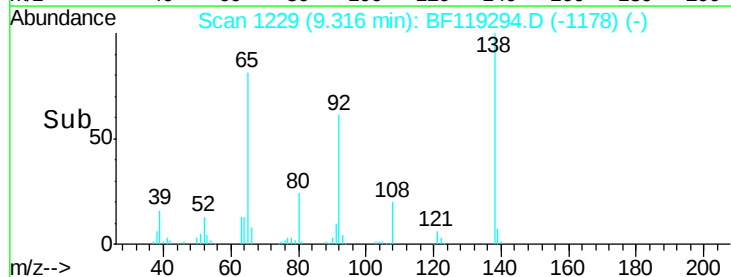
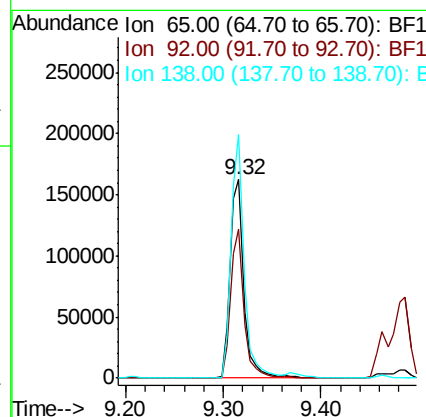
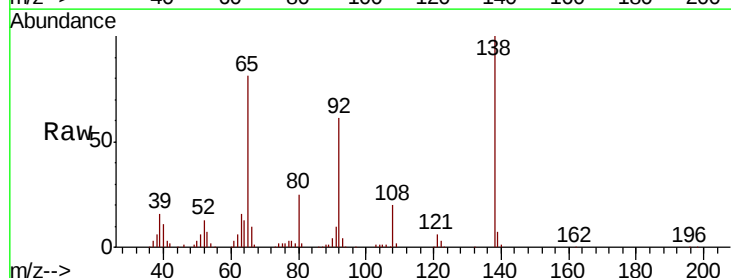
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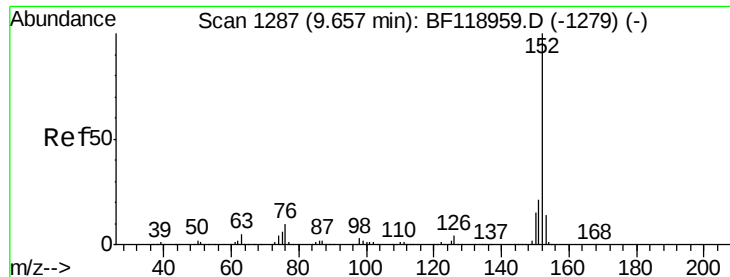
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#48
2-Nitroaniline
Concen: 45.092 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	58.2	87.2
138	122.8	95.6	143.4





#49

Acenaphthylene

Concen: 45.541 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

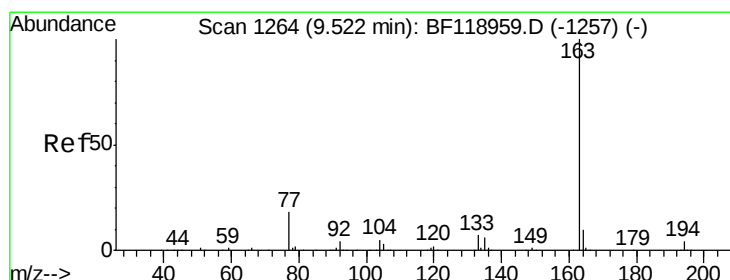
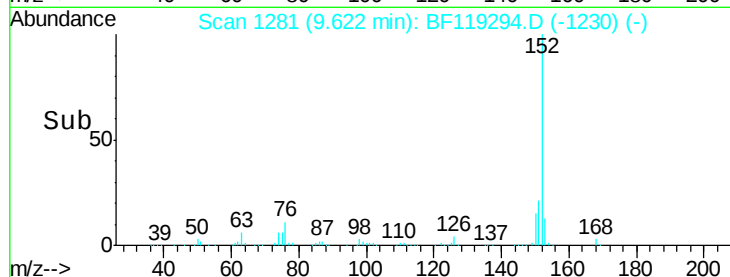
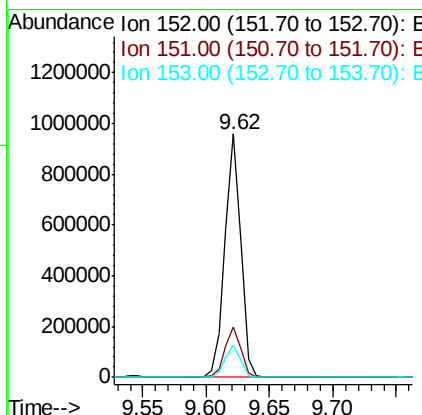
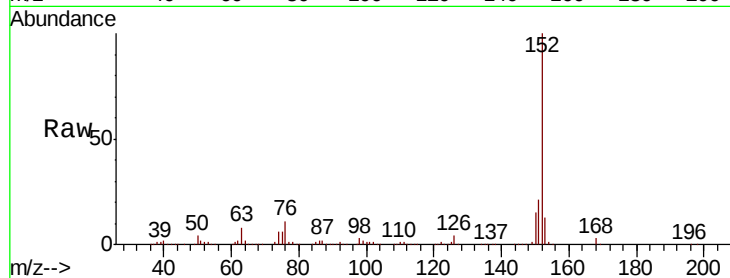
ClientSampleId :

GP-17-030520MS

Tot Ion:	152	Resp:	837479
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.1	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.484 ng

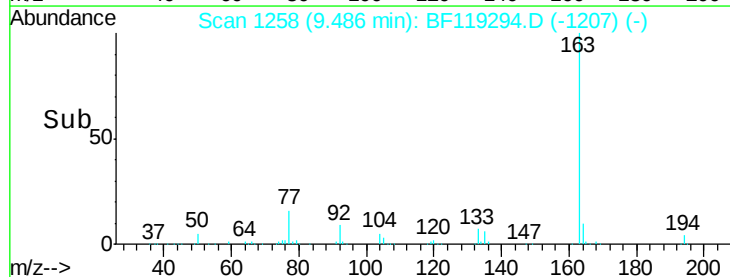
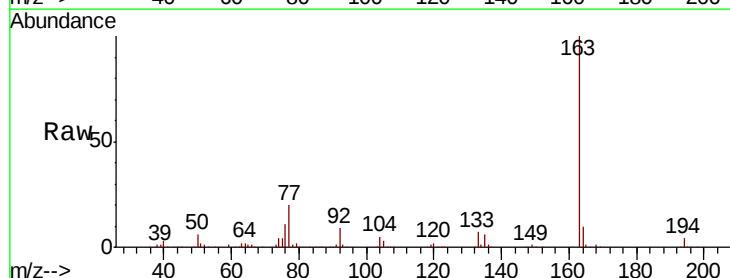
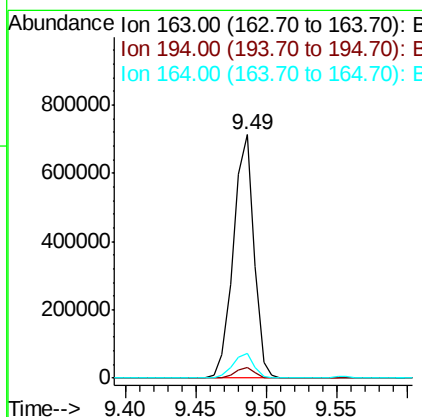
RT: 9.49 min Scan# 1258

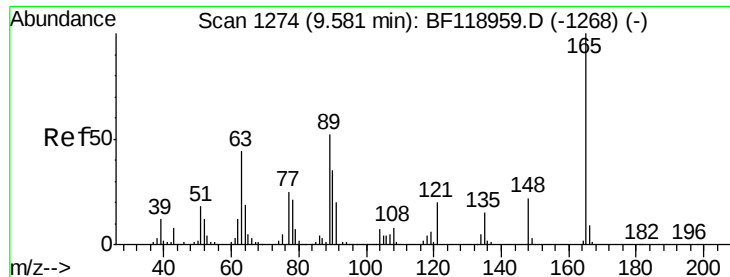
Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	163	Resp:	724801
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.2	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 45.395 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

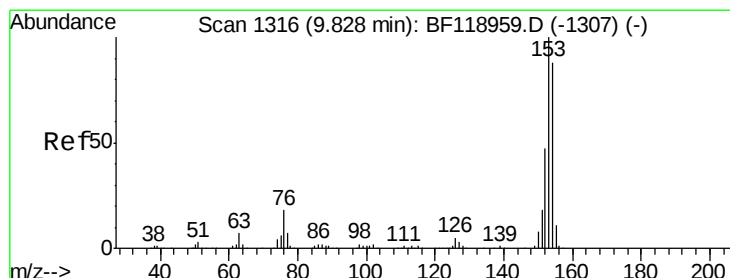
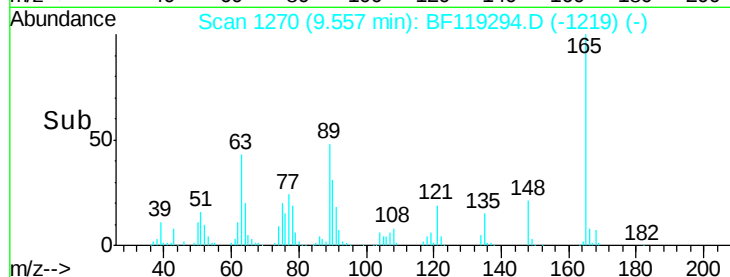
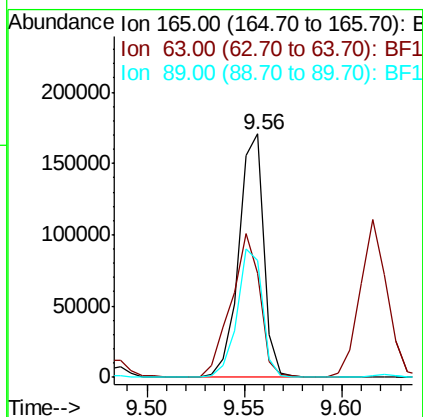
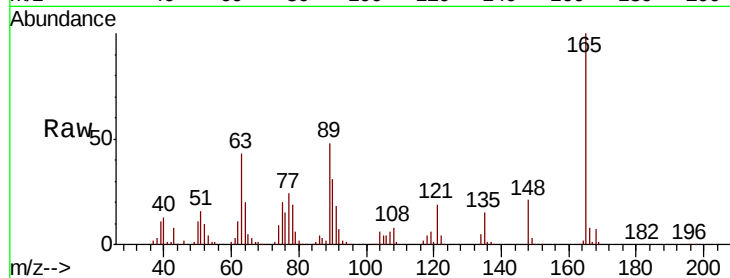
ClientSampleId :

GP-17-030520MS

Tot Ion:	165	Resp:	150771
Ion Ratio	Lower	Upper	
165	100		
63	42.7	34.3	51.5
89	48.0	38.3	57.5

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#52

Acenaphthene

Concen: 44.606 ng

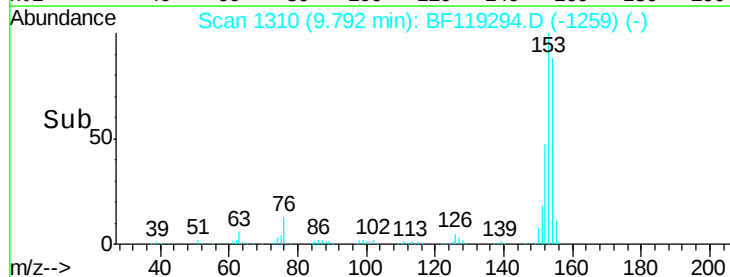
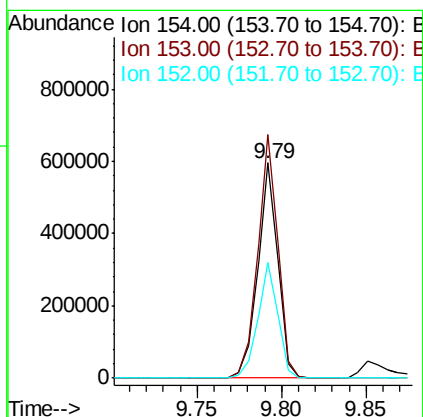
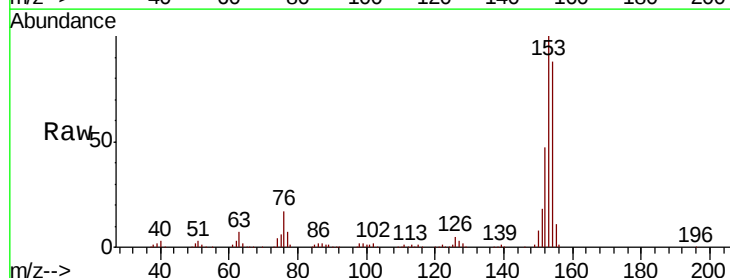
RT: 9.79 min Scan# 1310

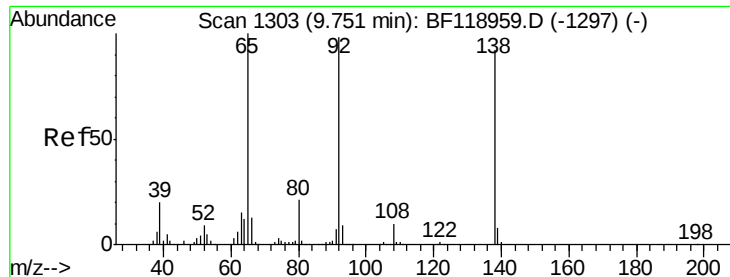
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	154	Resp:	494627
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.3	135.5
152	53.5	43.8	65.8





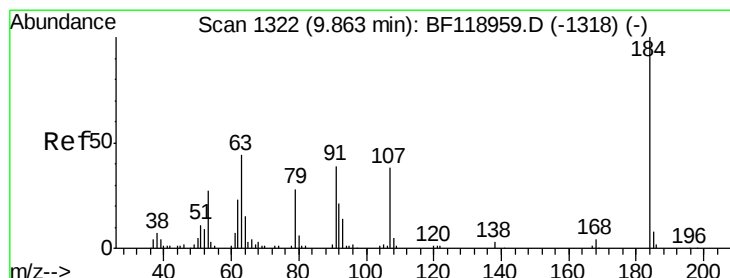
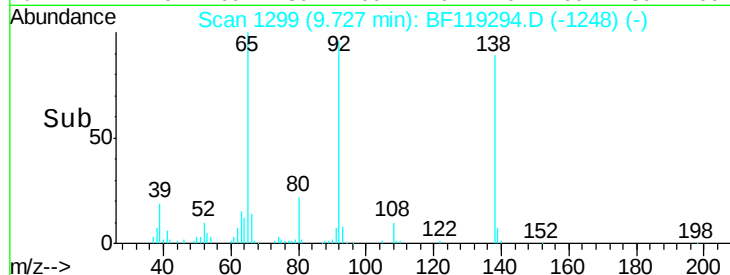
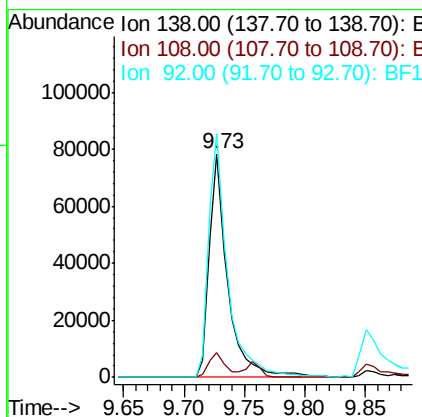
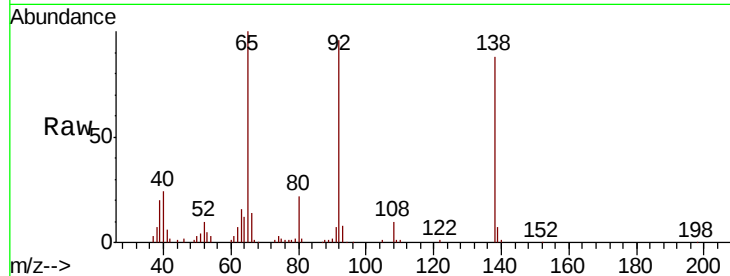
#53
3-Nitroaniline
Concen: 22.441 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion:138 Resp: 82629
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 108.9 84.8 127.2

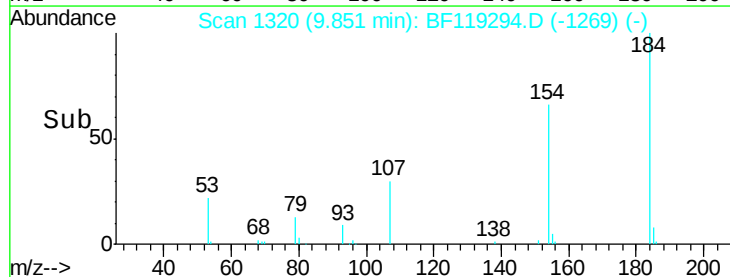
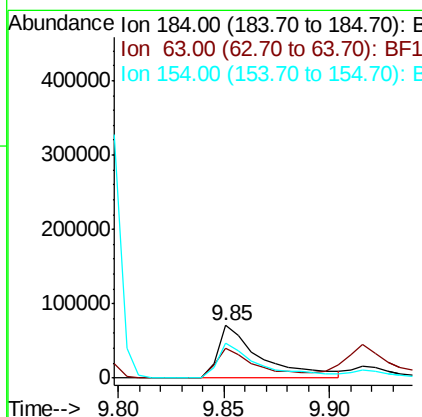
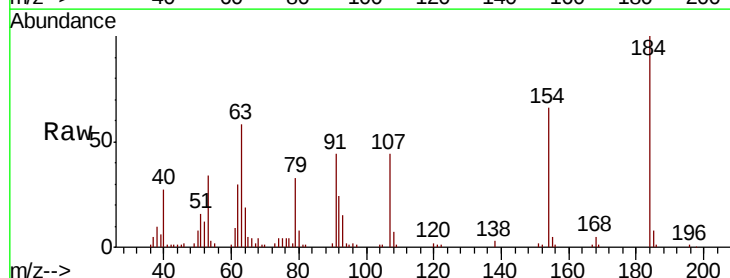
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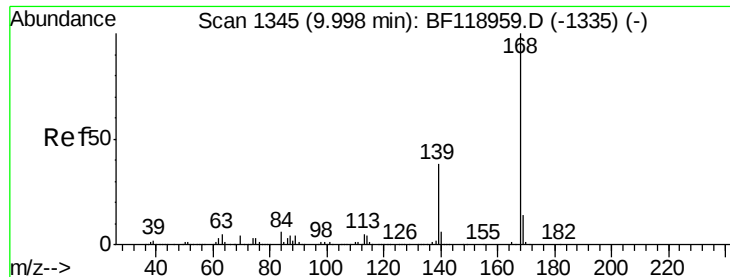
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#54
2,4-Dinitrophenol
Concen: 63.578 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:184 Resp: 99898
Ion Ratio Lower Upper
184 100
63 57.6 38.7 58.1
154 66.3 49.7 74.5





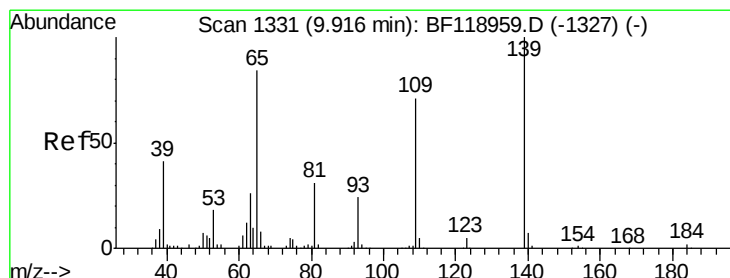
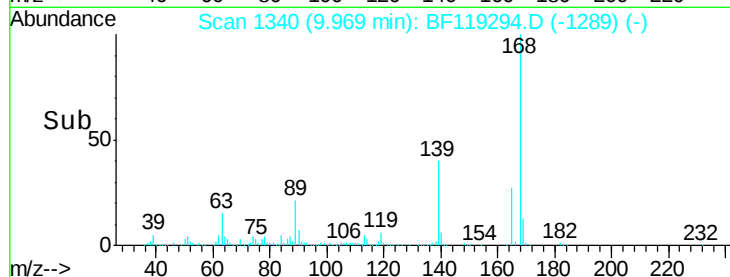
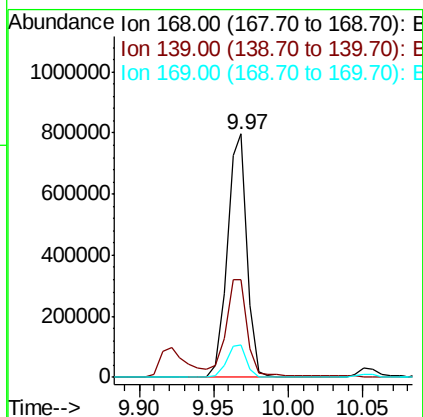
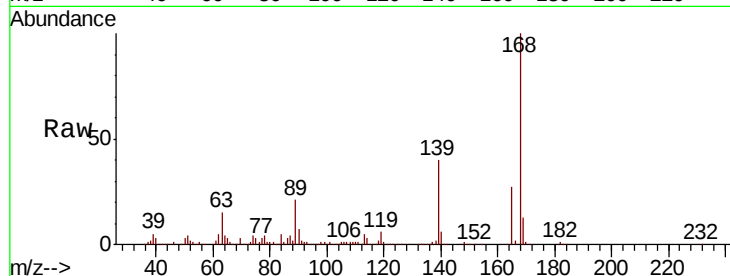
#55
Dibenzenofuran
Concen: 44.852 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	34.0	51.0
169	13.4	11.0	16.4

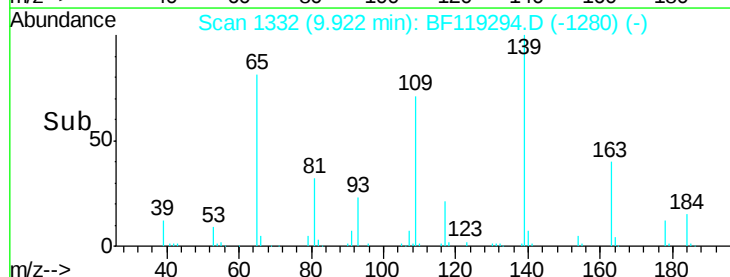
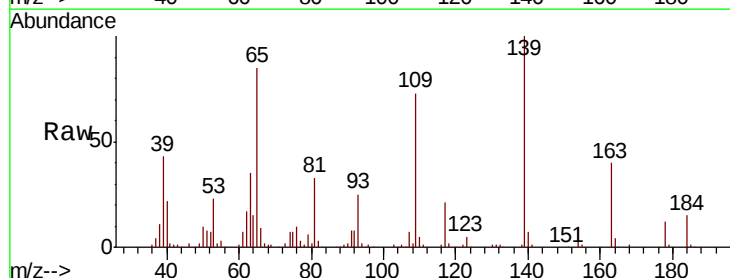
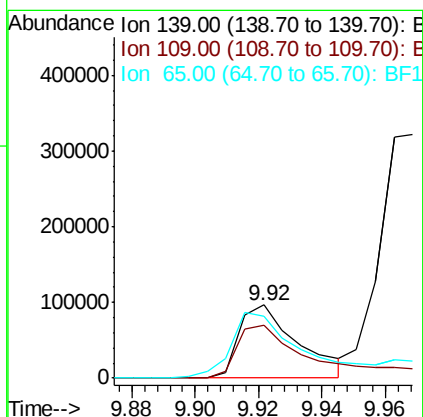
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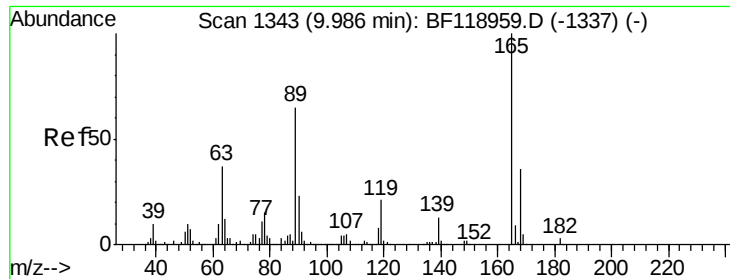
mohammad
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#56
4-Nitrophenol
Concen: 55.928 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	56.7	96.7
65	85.3	65.0	105.0





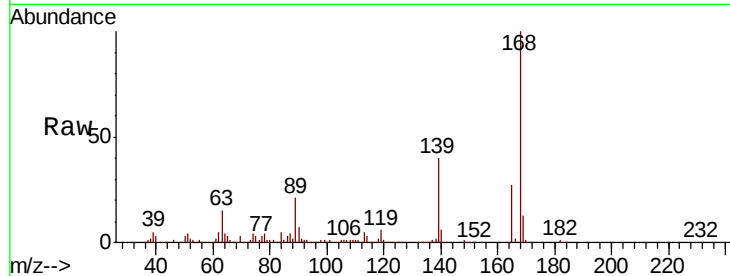
#57
2,4-Dinitrotoluene
Concen: 45.291 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

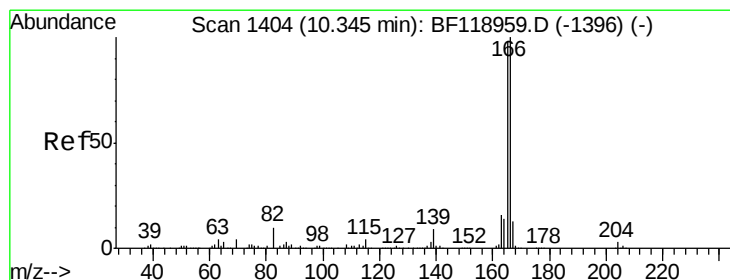
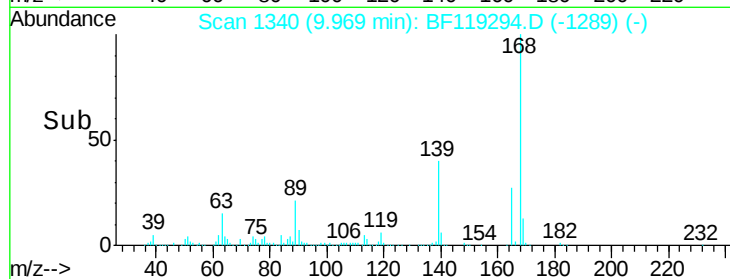
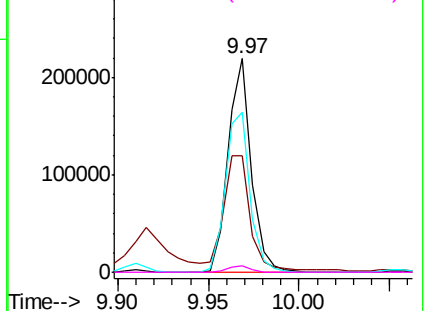
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		194979		
63	54.4	42.3	63.5		
89	75.0	60.2	90.4		
182	3.0	2.3	3.5		

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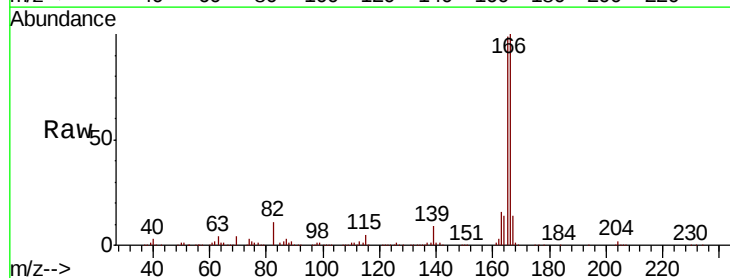


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

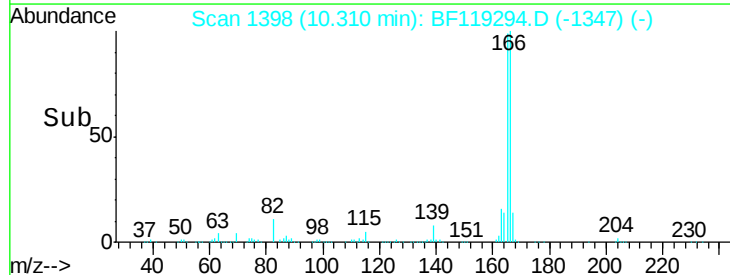
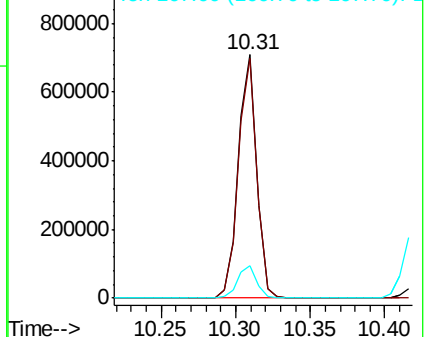


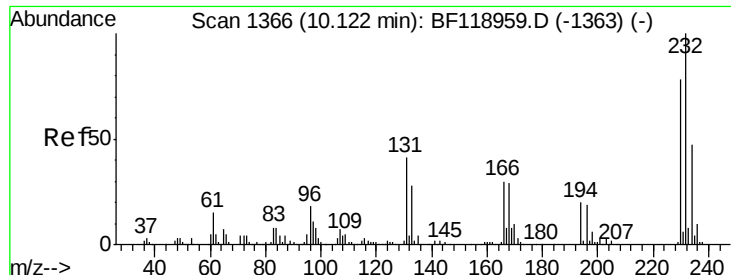
#58
Fluorene
Concen: 47.658 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		612937		
165	98.7	78.5	117.7		
167	13.6	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





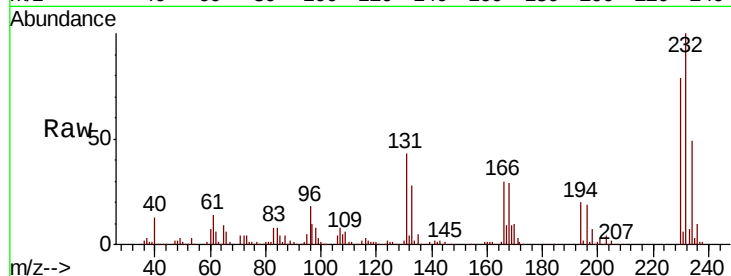
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.738 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

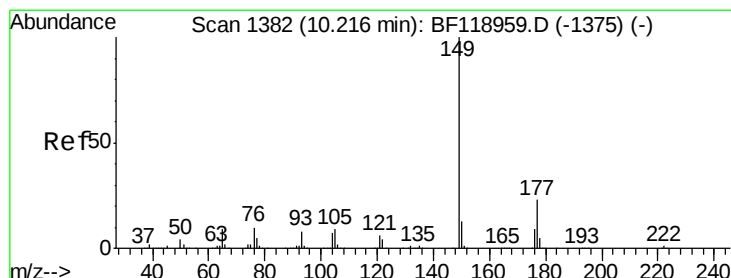
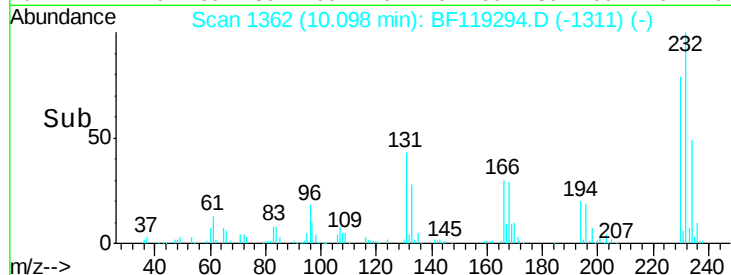
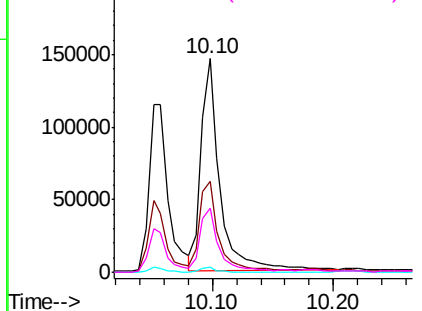
Tot Ion	Ratio	Resp	Lower	Upper
232	100	157517		
131	45.5	33.8	50.8	
130	2.1	1.8	2.6	
166	29.3	23.0	34.4	

Manual Integrations
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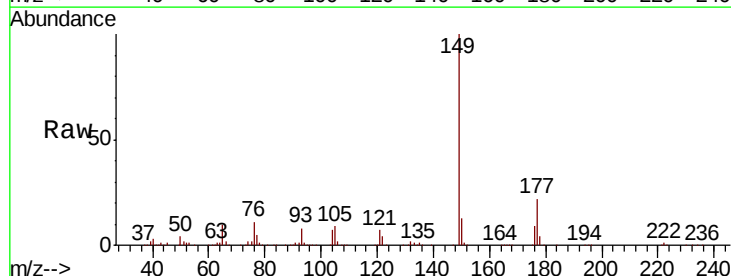


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

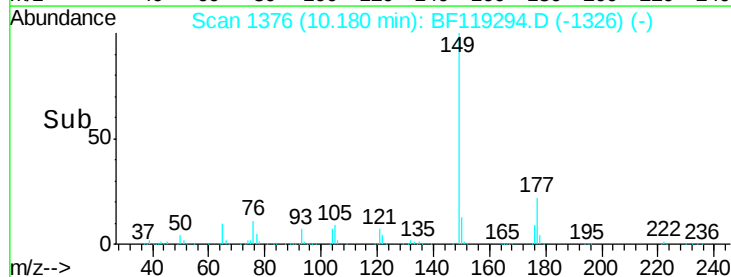
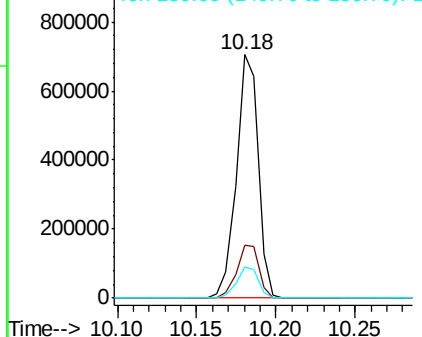


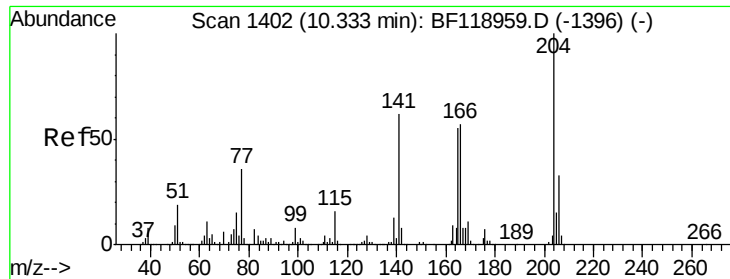
#60
Diethylphthalate
Concen: 47.534 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	669658		
177	21.5	18.2	27.2	
150	12.9	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





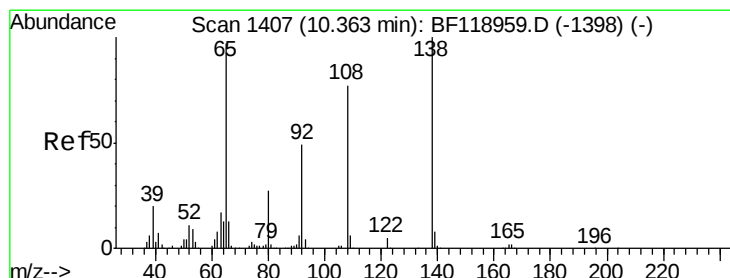
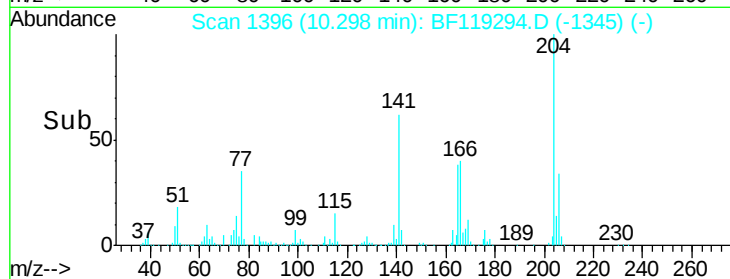
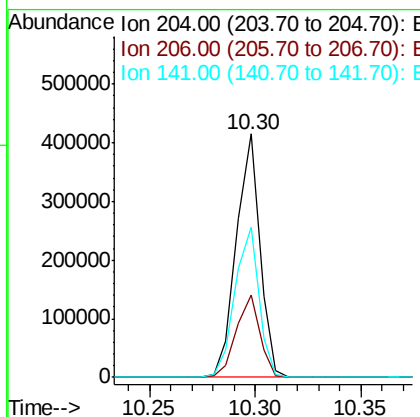
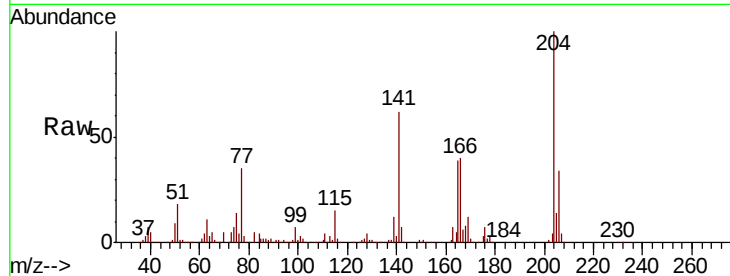
#61
4-Chlorophenyl-phenylether
Concen: 46.996 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	61.7	52.9	79.3

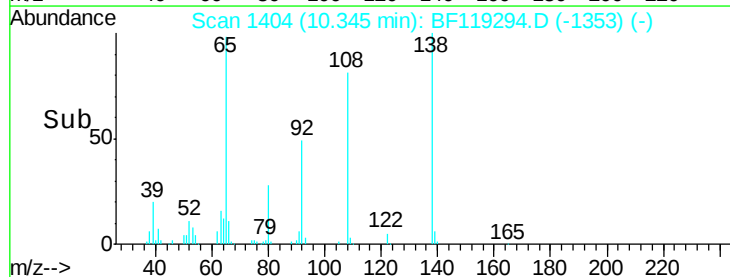
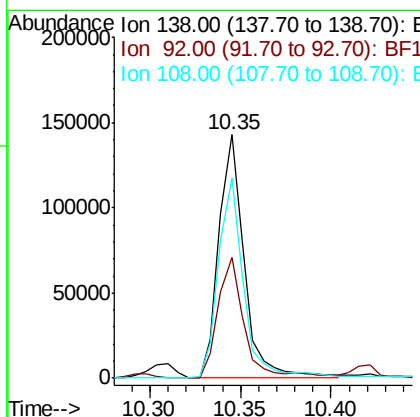
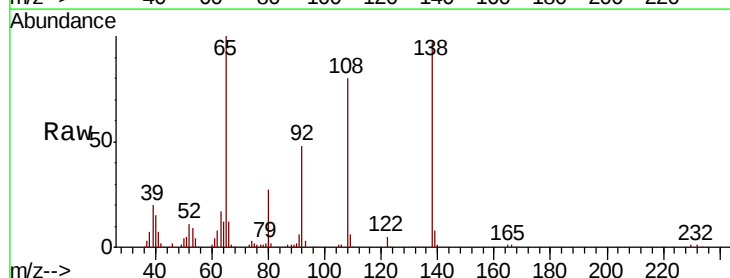
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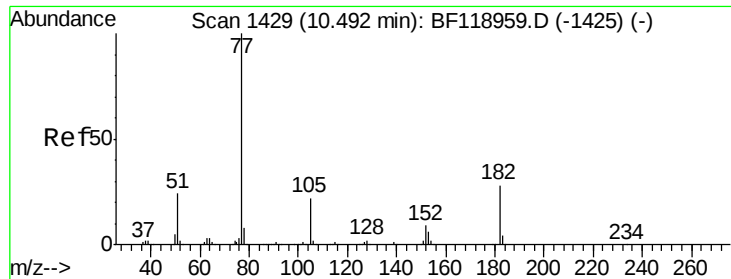
mohammad
3/10/2020 2:44:25 PM



#62
4-Nitroaniline
Concen: 37.293 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.3	67.3
108	82.4	57.0	97.0





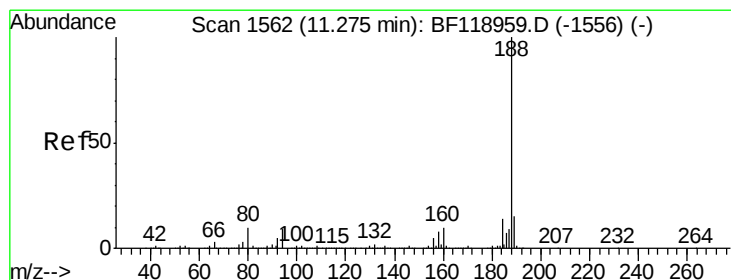
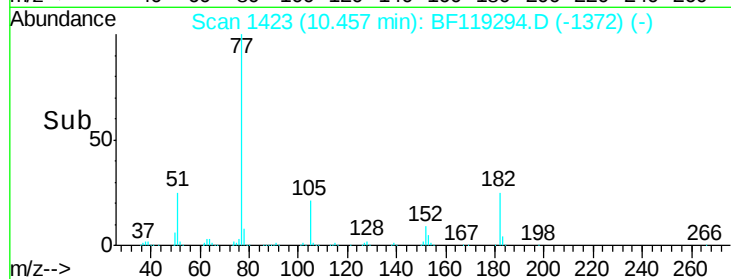
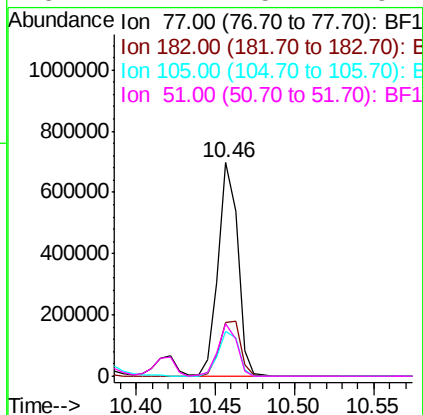
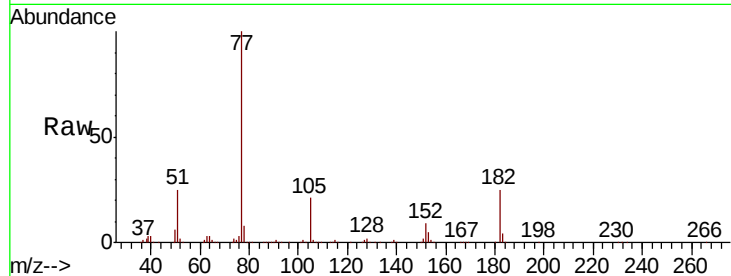
#63
Azobenzene
Concen: 48.845 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		598136		
182	25.3	11.4	51.4		
105	21.0	3.4	43.4		
51	24.7	5.1	45.1		

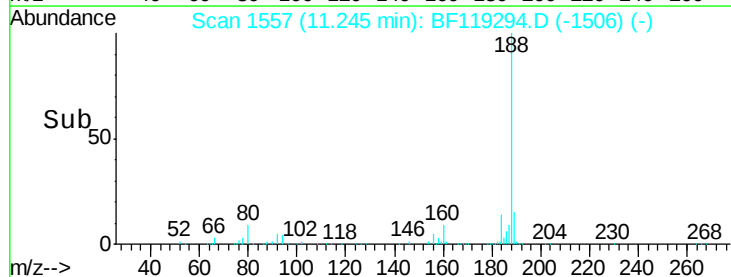
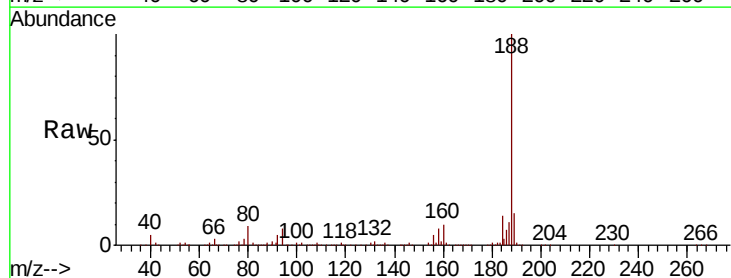
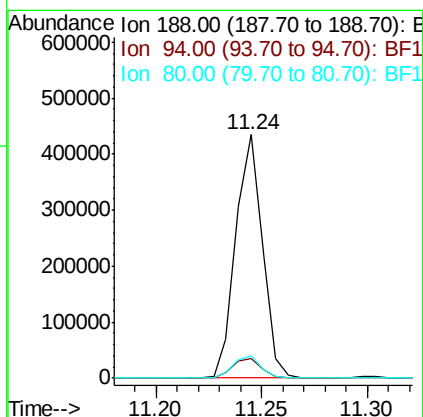
Manual Integrations
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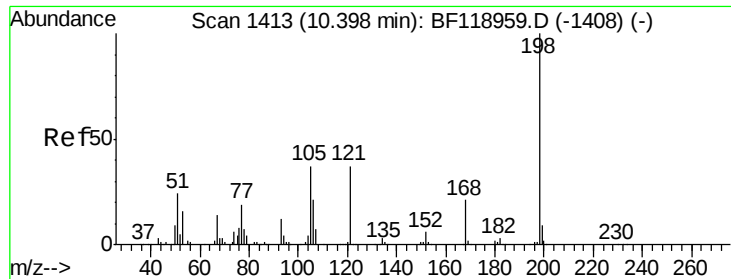
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		379991		
94	8.3	7.1	10.7		
80	9.1	7.8	11.8		





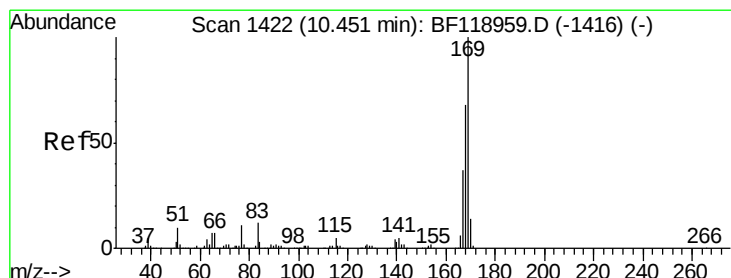
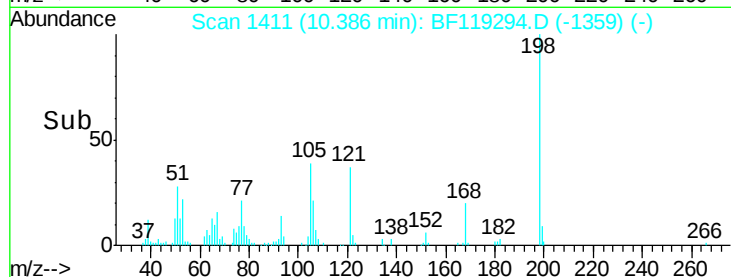
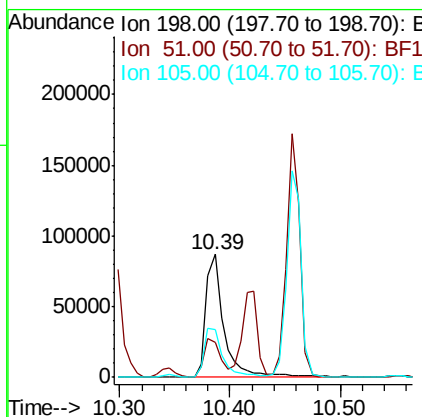
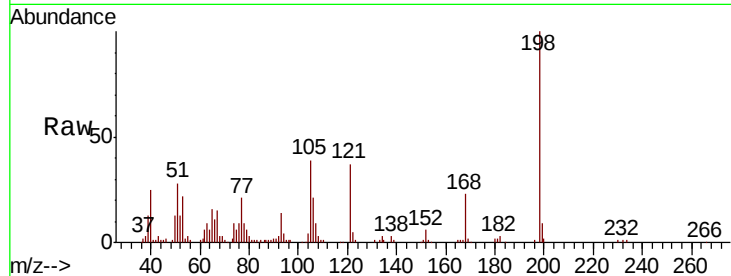
#65
4,6-Dinitro-2-methylphenol
Concen: 41.888 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	28.3	14.2	54.2
105	38.6	22.7	62.7

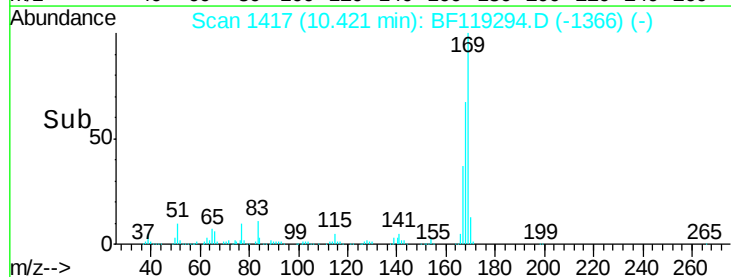
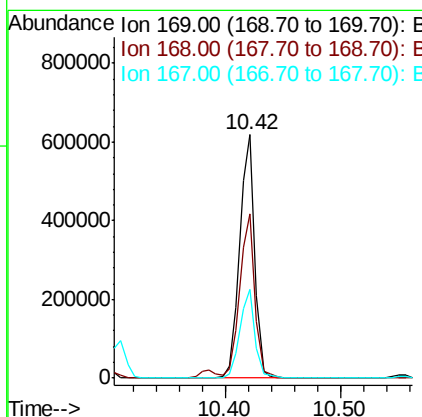
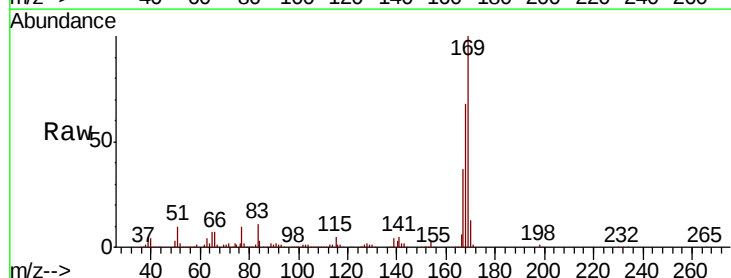
Manual Integrations
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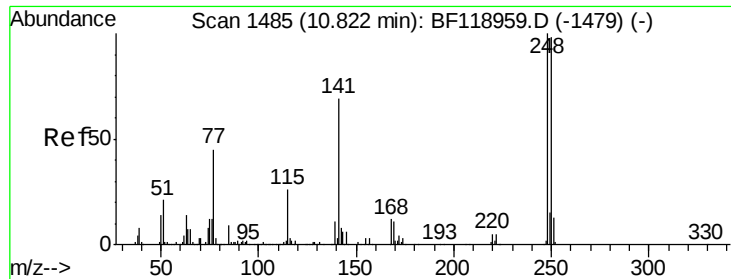
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.805 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.1	81.1
167	36.7	29.4	44.0





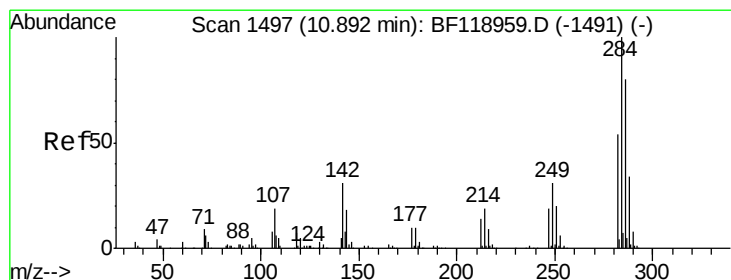
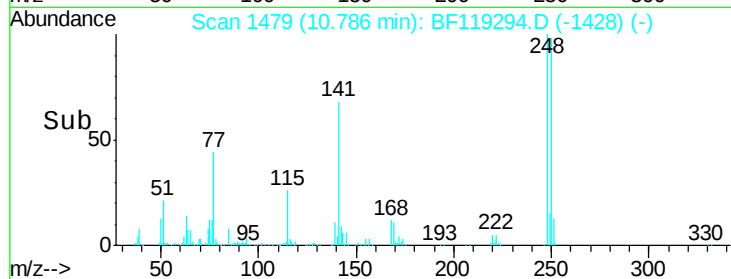
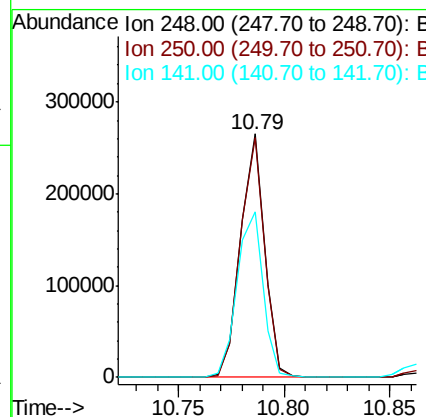
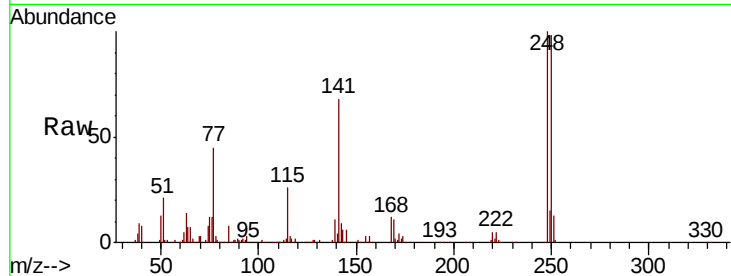
#67
4-Bromophenyl-phenylether
Concen: 42.087 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.7	115.1
141	68.1	60.7	91.1

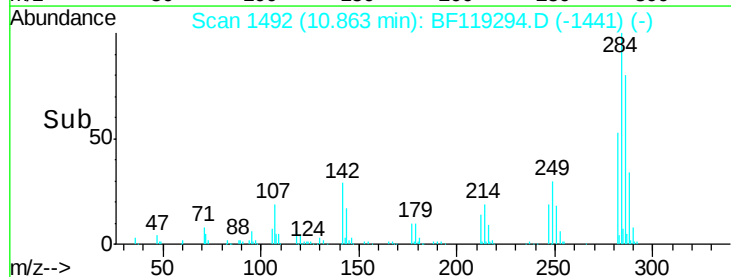
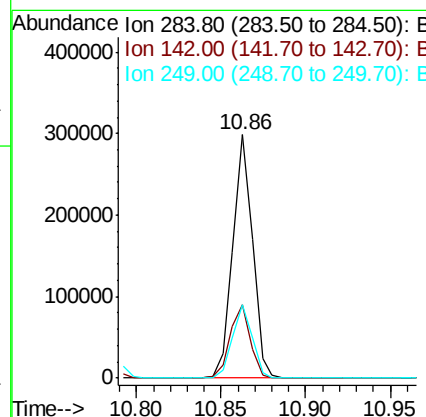
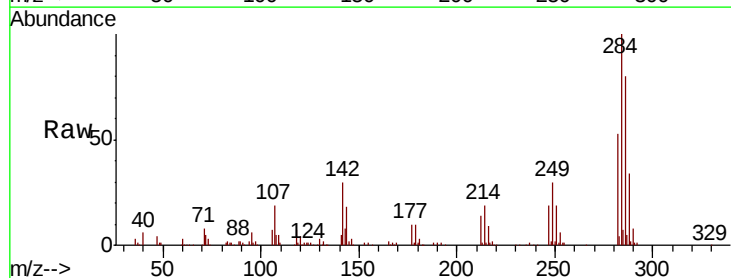
Manual Integrations
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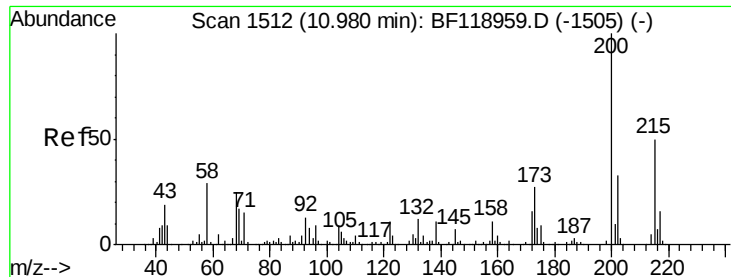
mohammad
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#68
Hexachlorobenzene
Concen: 42.310 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.7	35.5
249	30.3	25.0	37.6





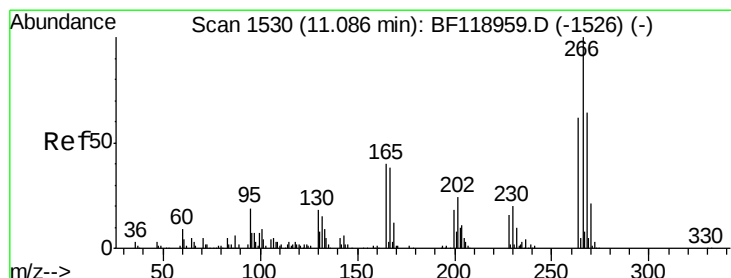
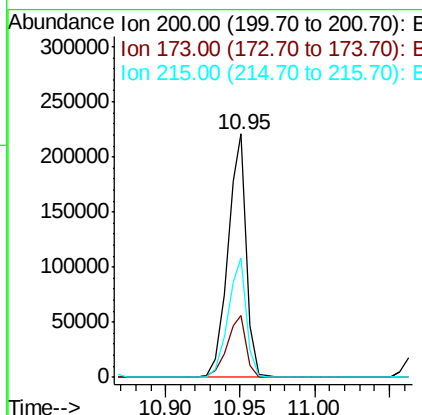
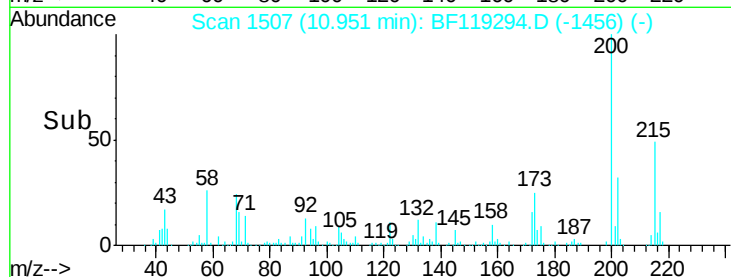
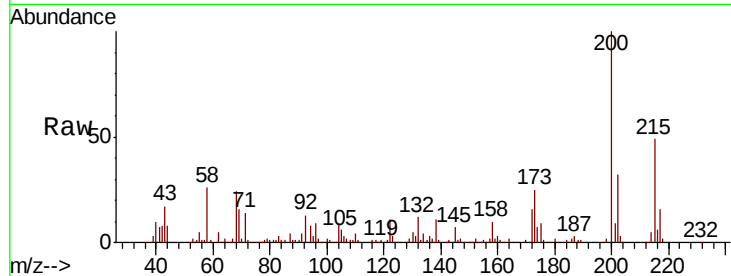
#69
Atrazine
Concen: 44.365 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	6.4	46.4
215	49.2	27.4	67.4

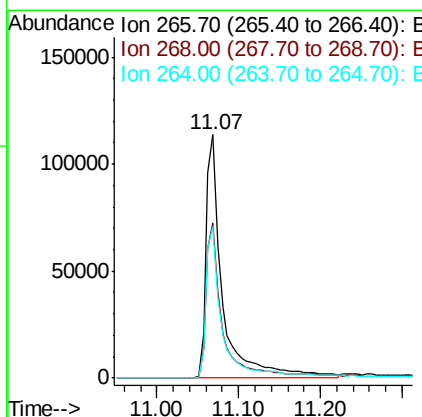
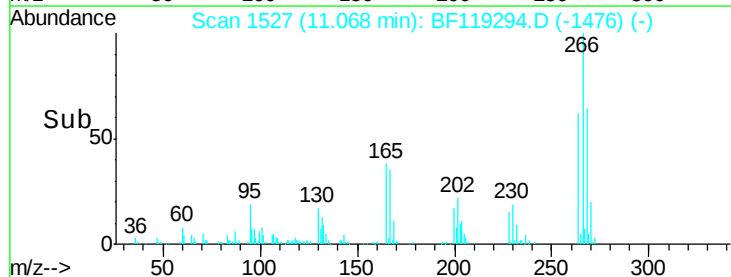
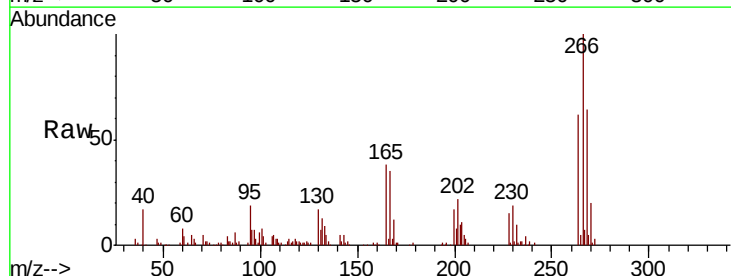
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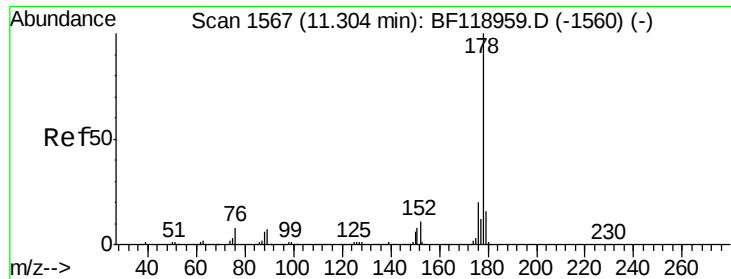
mohammad
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#70
Pentachlorophenol
Concen: 70.253 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	51.9	77.9
264	62.0	51.0	76.4





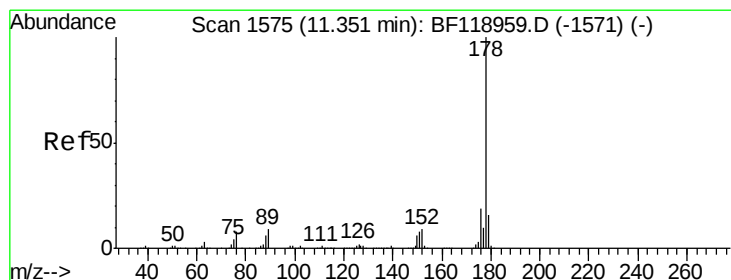
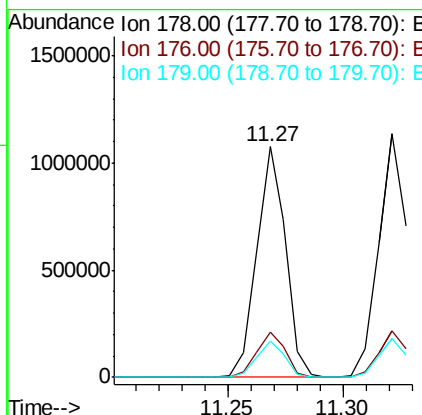
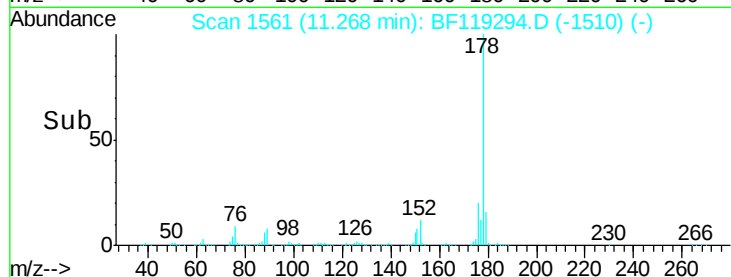
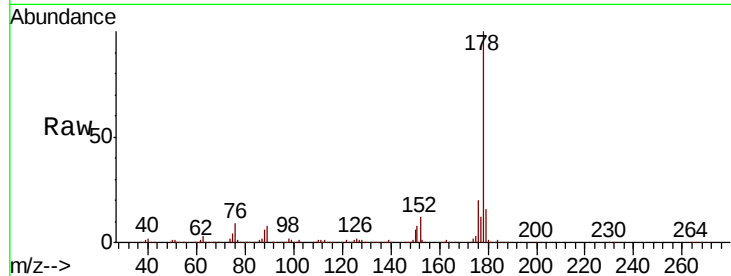
#71
Phenanthrene
Concen: 45.202 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.7	13.0	19.6

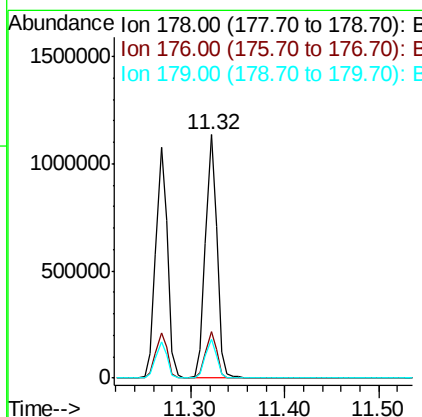
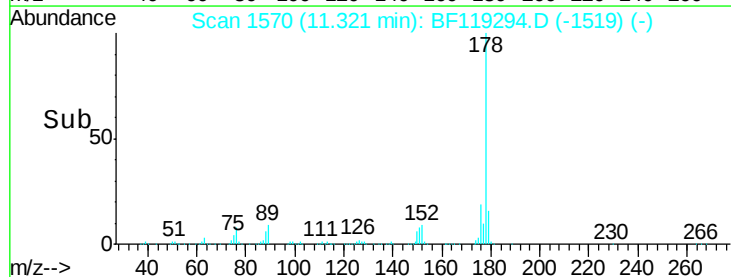
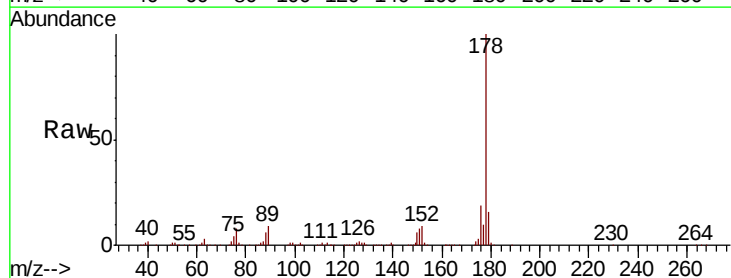
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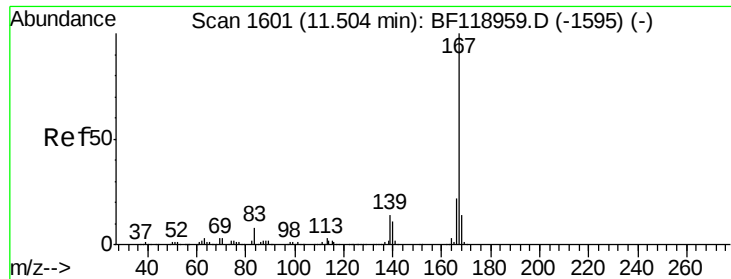
mohammad
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#72
Anthracene
Concen: 47.512 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.8	13.1	19.7





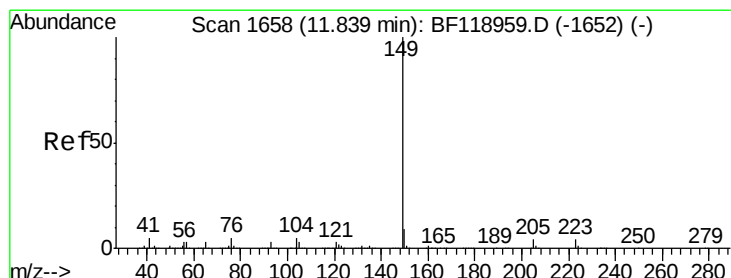
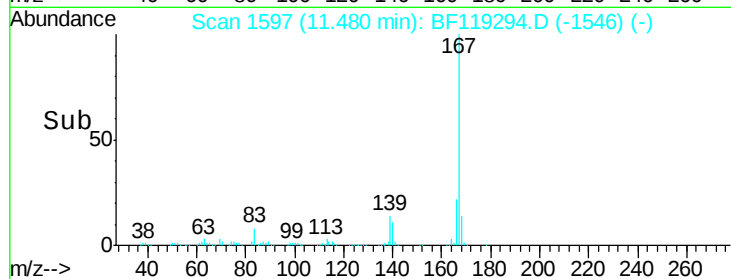
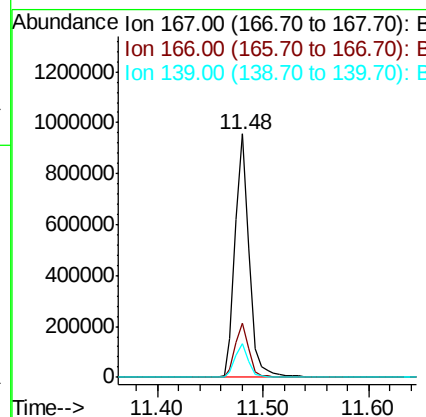
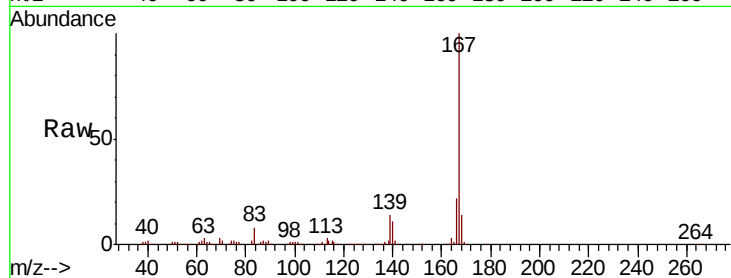
#73
 Carbazole
 Concen: 47.176 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.7	11.7	17.5

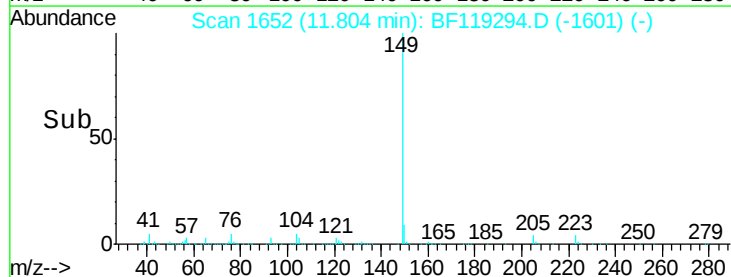
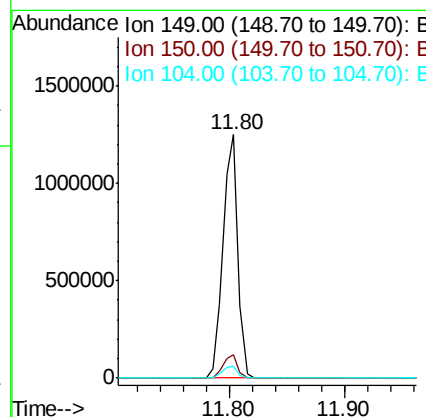
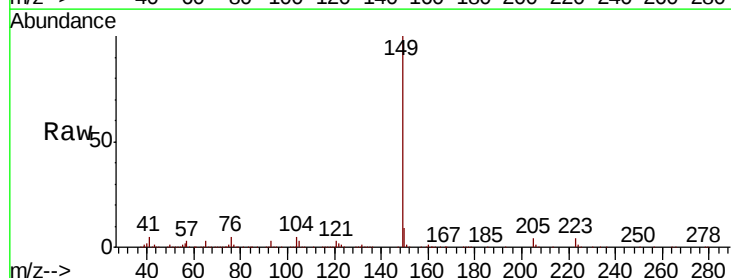
Manual Integrations
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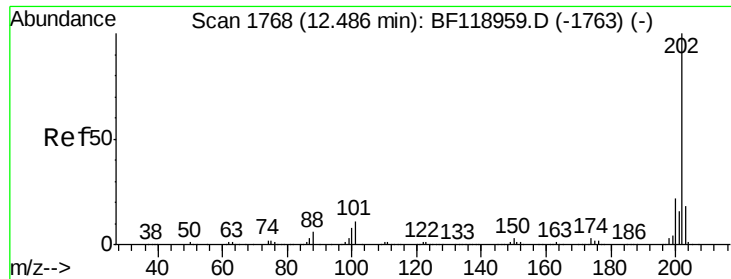
mohammad
 3/10/2020 2:44:25 PM



#74
 Di-n-butylphthalate
 Concen: 49.516 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8





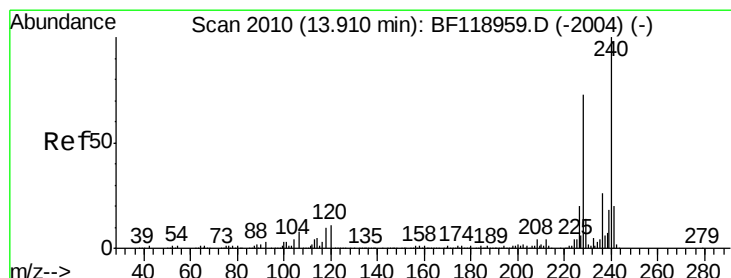
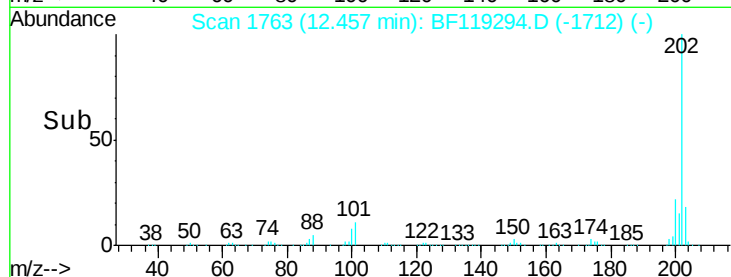
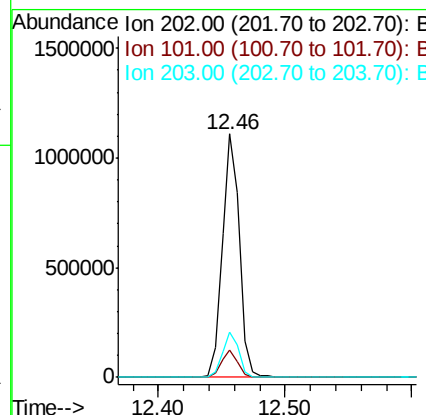
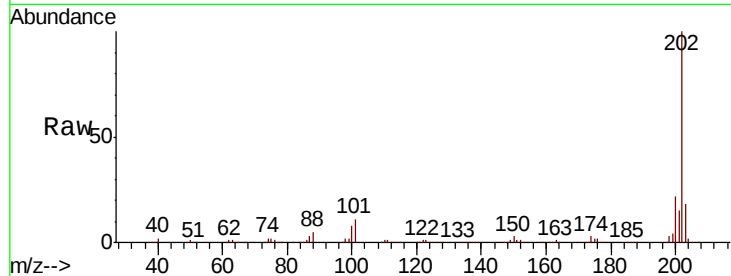
#75
 Fluoranthene
 Concen: 47.702 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.3	0.0	38.4

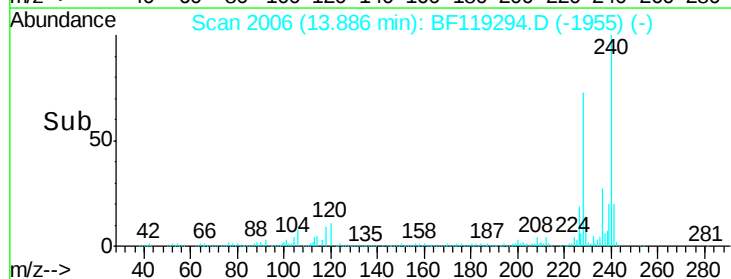
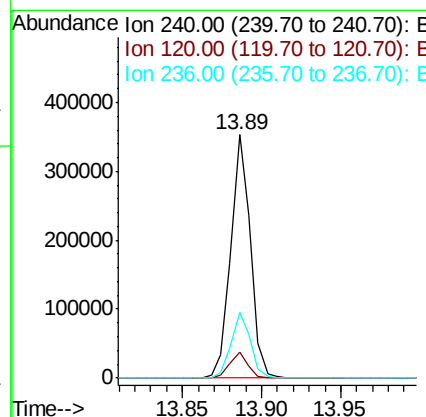
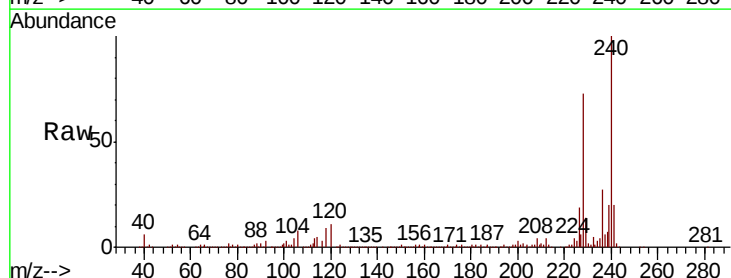
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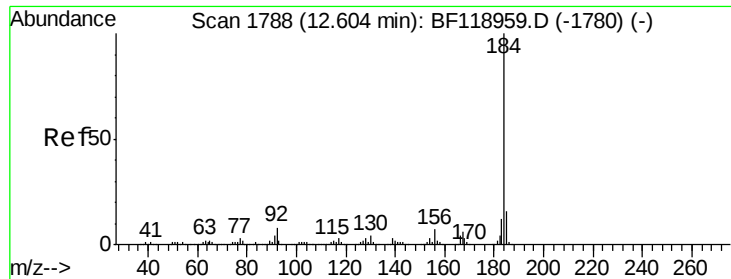
mohammad
 3/10/2020 2:44:25 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	27.2	21.0	31.4





#77

Benzidine

Concen: 43.223 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

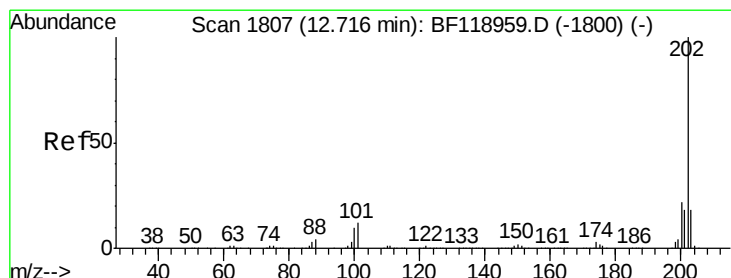
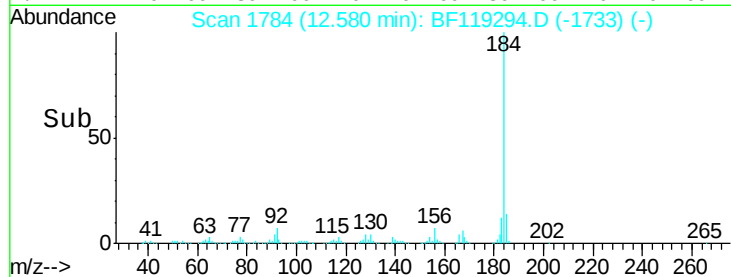
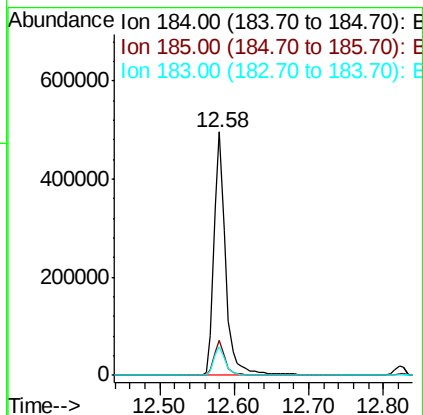
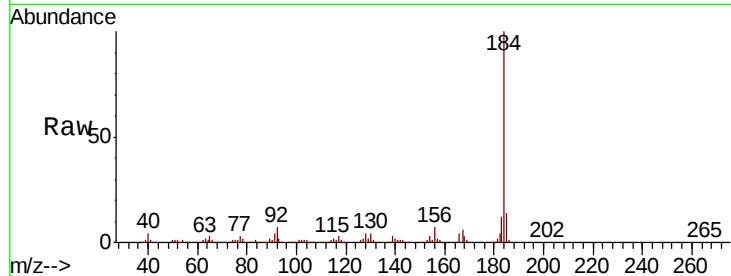
ClientSampleId :

GP-17-030520MS

Tot Ion:	184	Resp:	531947
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	11.9	9.9	14.9

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#78

Pyrene

Concen: 43.928 ng

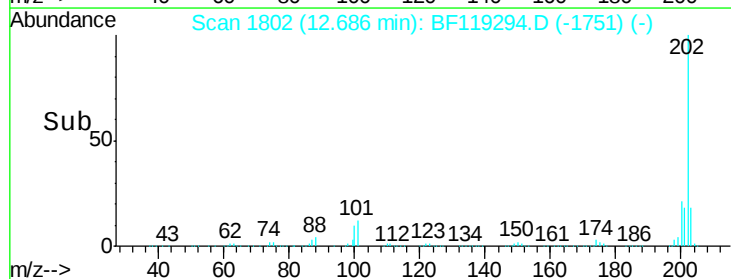
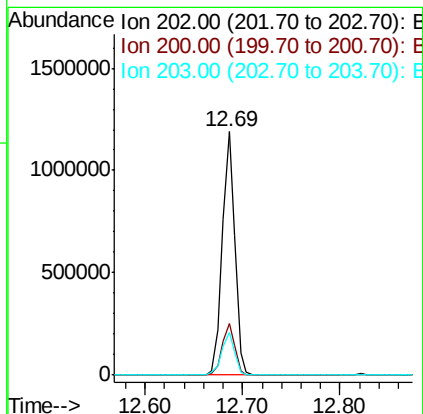
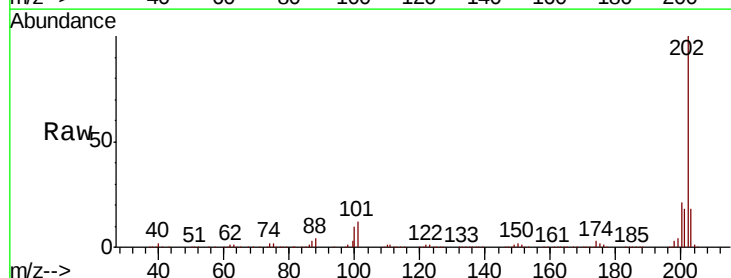
RT: 12.69 min Scan# 1802

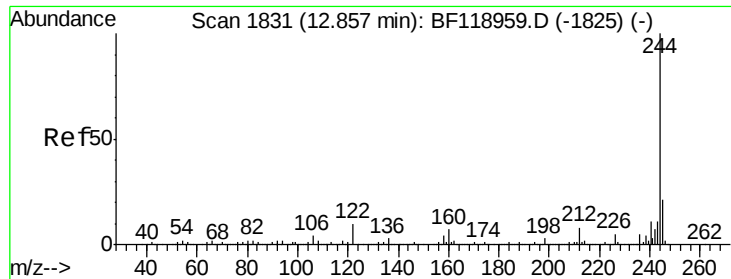
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:	202	Resp:	1067438
Ion Ratio	Lower	Upper	
202	100		
200	21.3	18.0	27.0
203	17.6	14.6	22.0





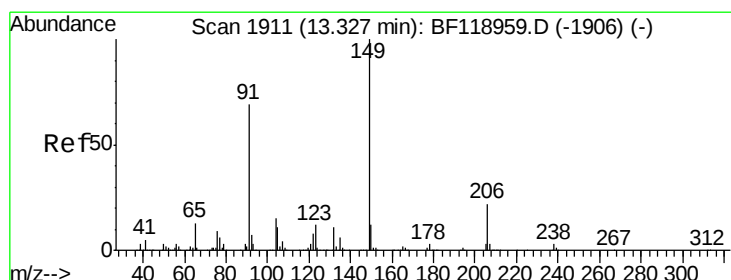
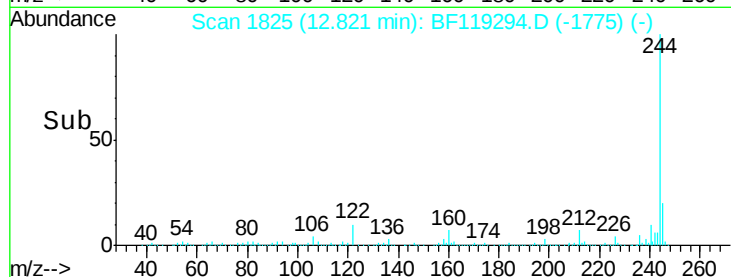
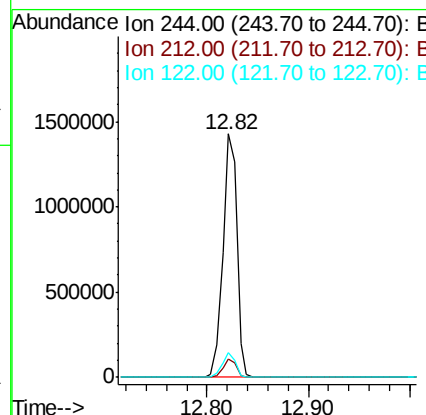
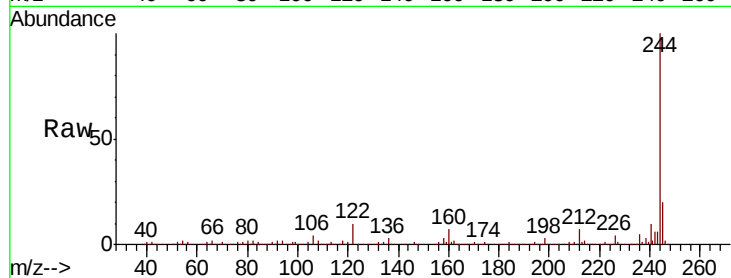
#79
 Terphenyl-d14
 Concen: 77.681 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.3	8.2	12.2

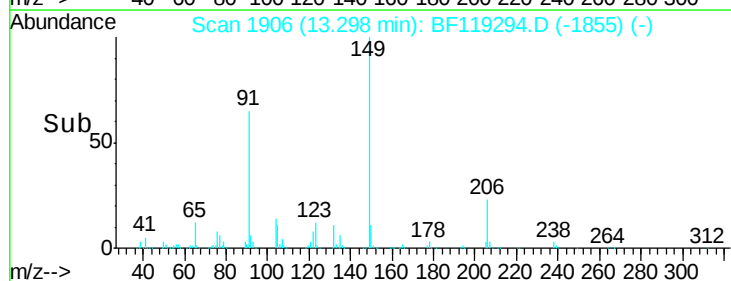
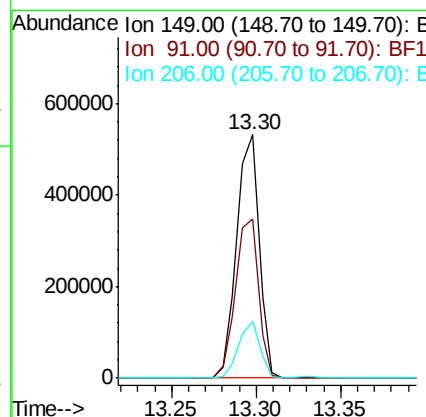
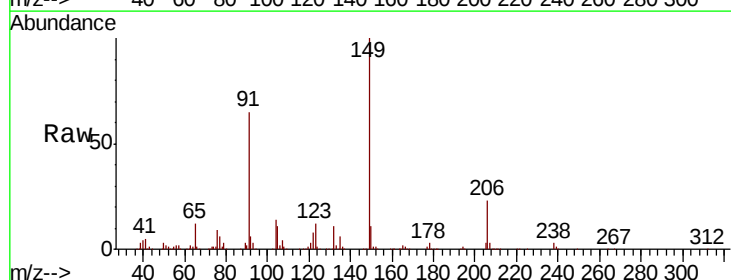
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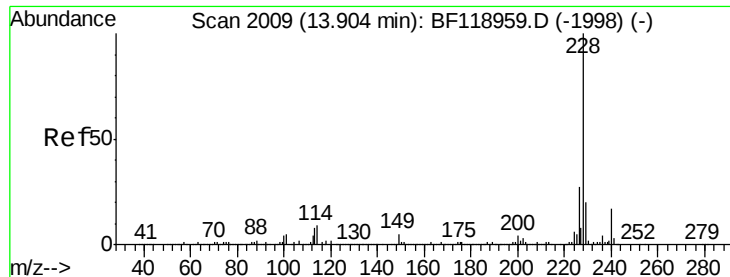
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.333 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	52.3	78.5
206	23.2	18.5	27.7





#81

Benzo(a)anthracene

Concen: 46.296 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

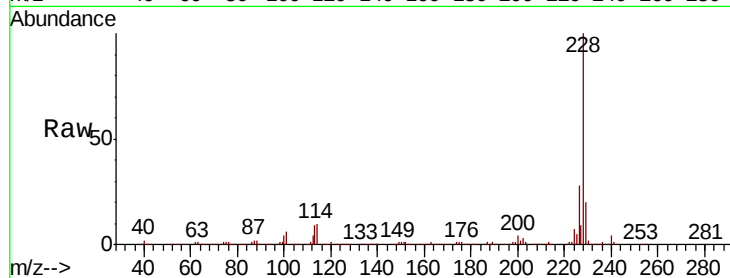
ClientSampleId :

GP-17-030520MS

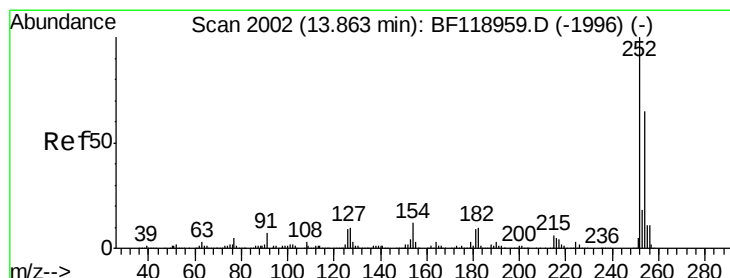
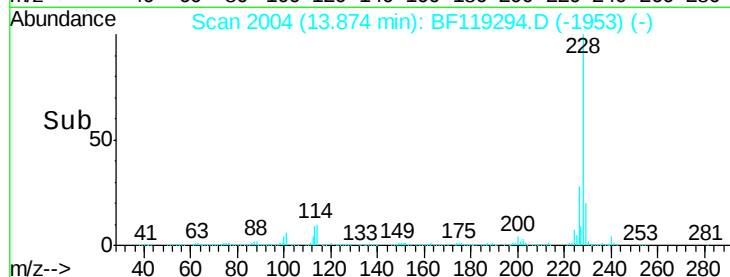
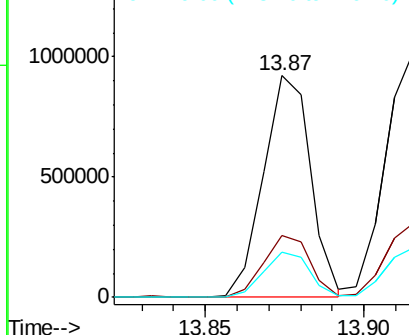
Tot Ion:	228	Resp:	954586
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.2	16.6	24.8

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



#82

3,3'-Dichlorobenzidine

Concen: 34.713 ng

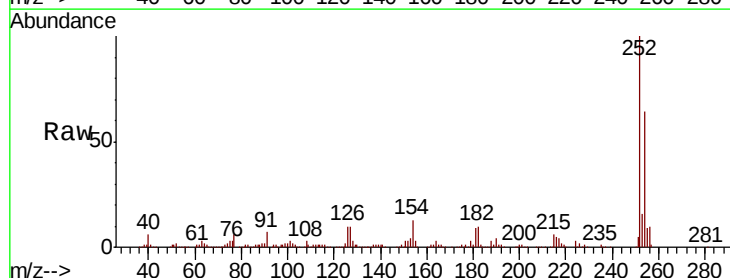
RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

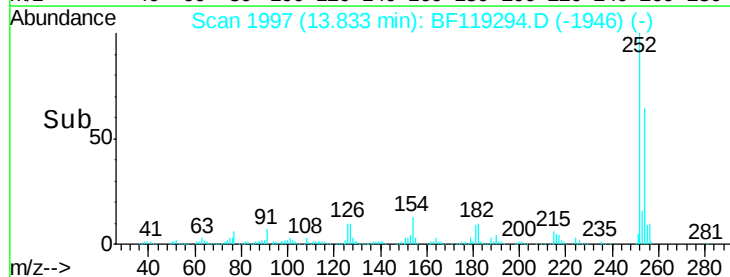
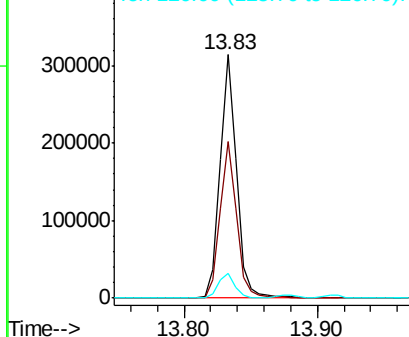
Lab File: BF119294.D

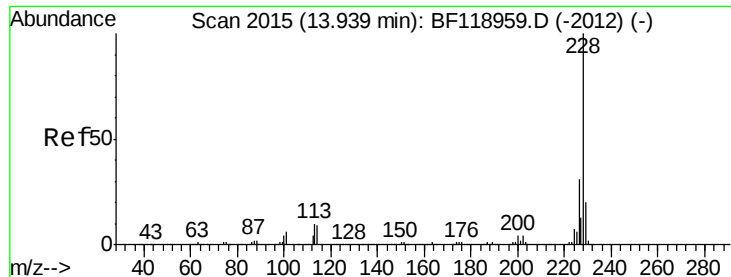
Acq: 9 Mar 2020 20:29

Tgt Ion:	252	Resp:	277932
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.6	77.4
126	10.2	7.4	11.0



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





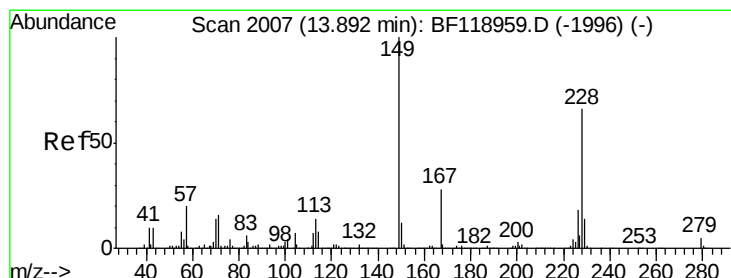
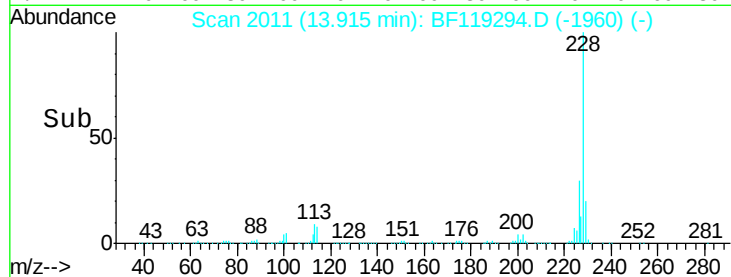
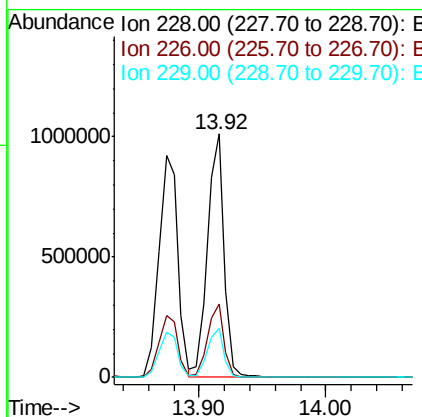
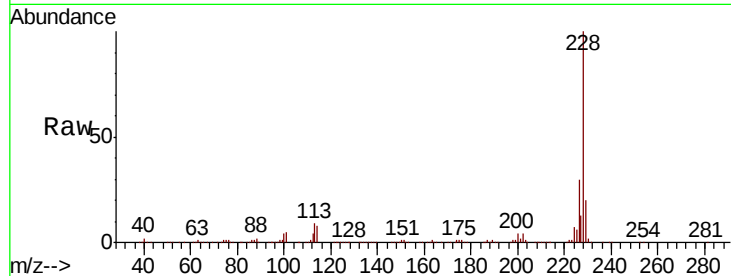
#83
 Chrvsene
 Concen: 45.044 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.9	16.3	24.5

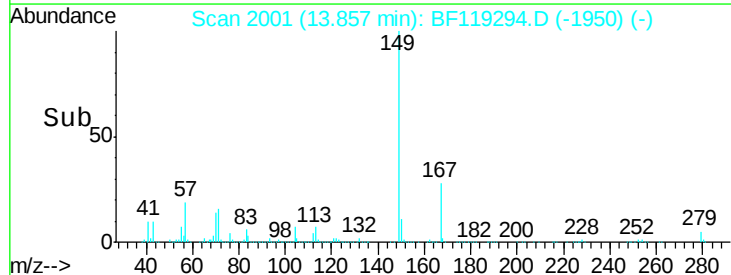
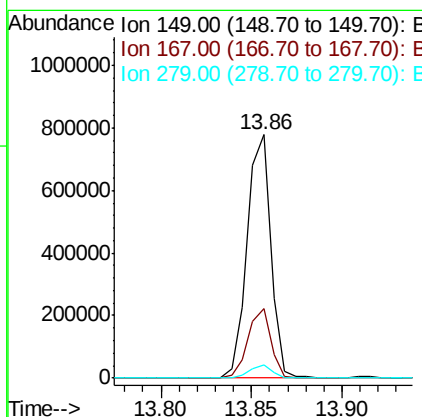
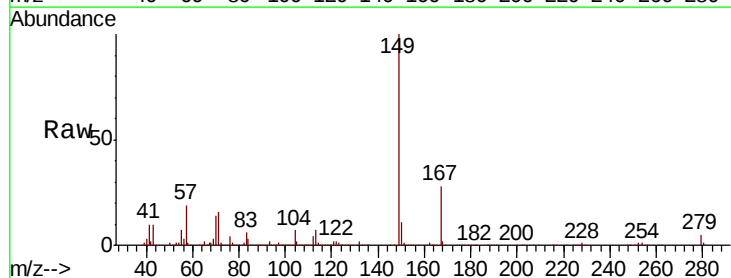
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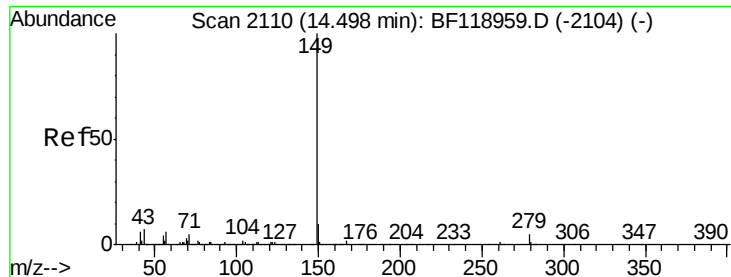
mohammad
 3/10/2020 2:44:25 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.956 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	5.5	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 57.155 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

GP-17-030520MS

Tot Ion:149 Resp: 1176609

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

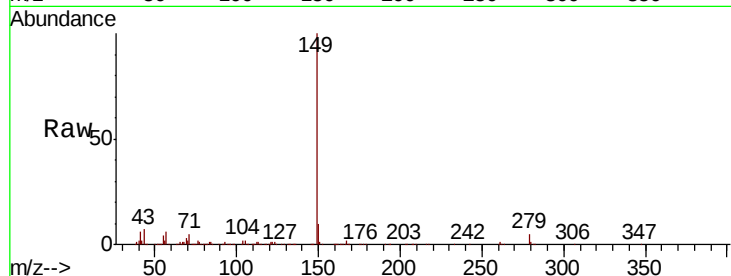
43 6.7 5.7 8.5

Manual Integrations

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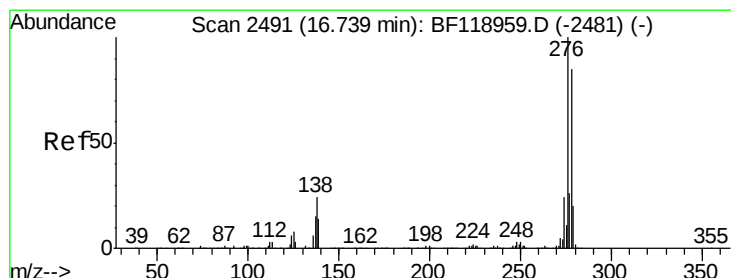
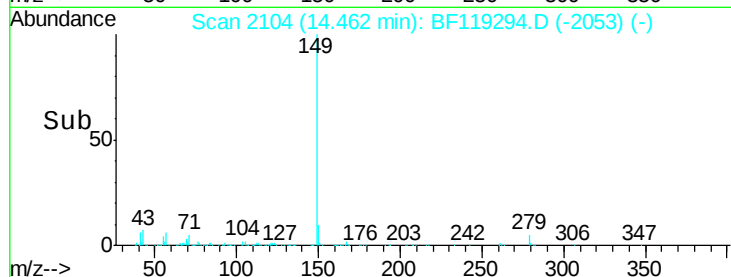
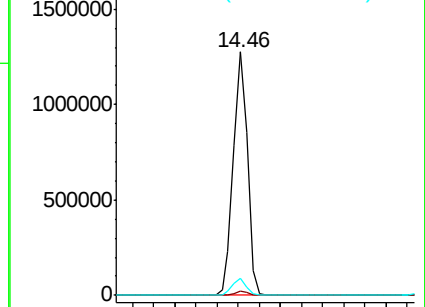
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.801 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

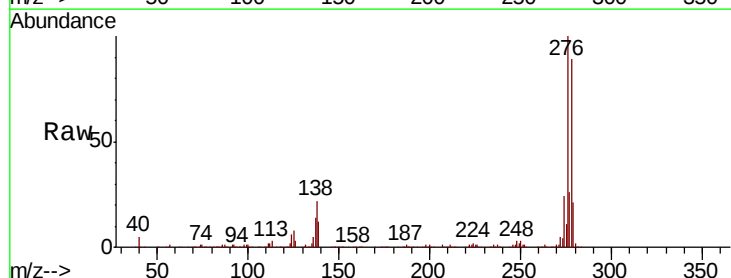
Tgt Ion:276 Resp: 871357

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

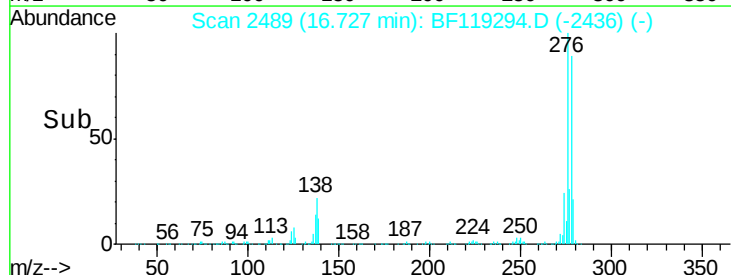
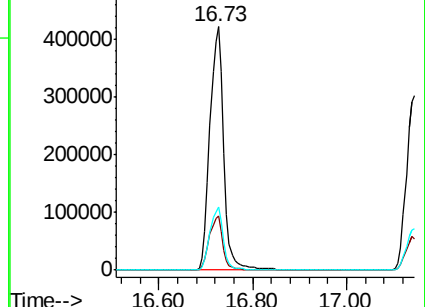
277 25.4 20.3 30.5

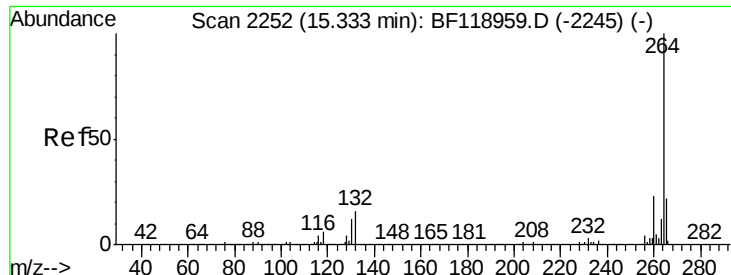


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





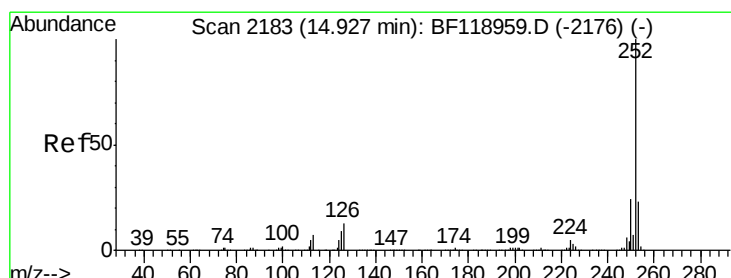
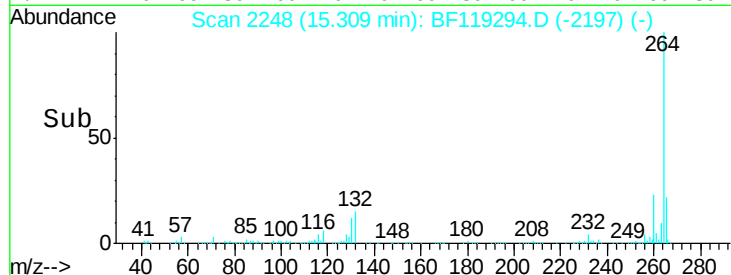
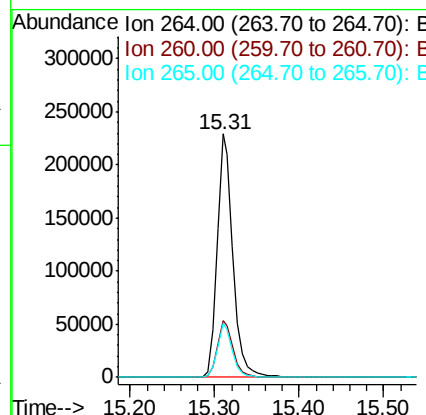
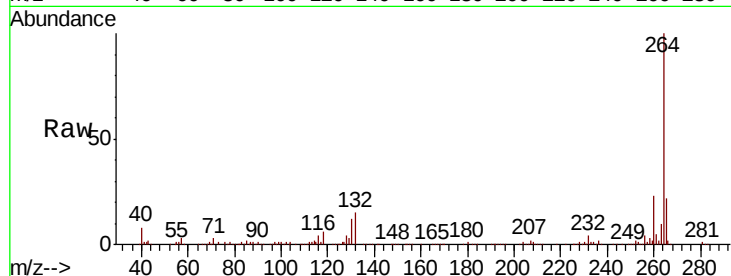
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.2	17.7	26.5

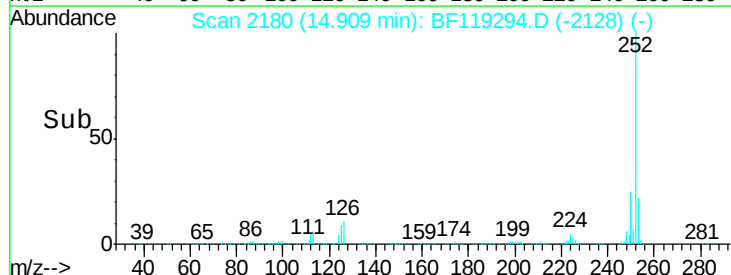
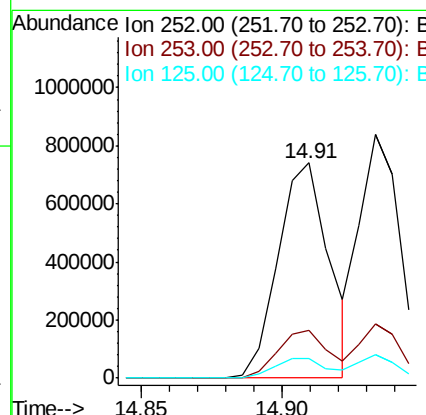
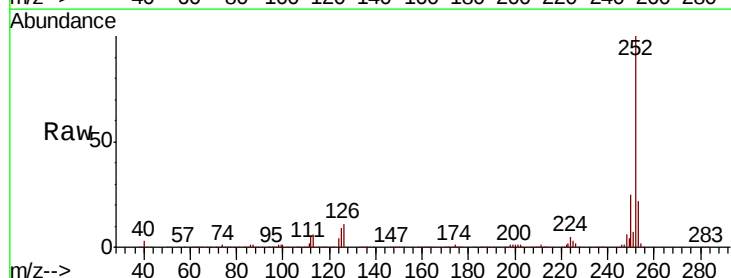
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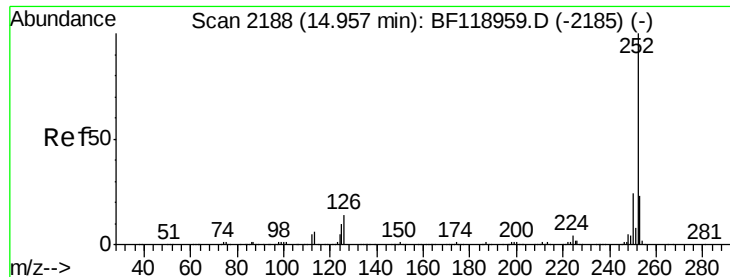
mohammad
3/10/2020 2:44:25 PM



#88
Benzo(b)fluoranthene
Concen: 46.306 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.9	7.4	11.0





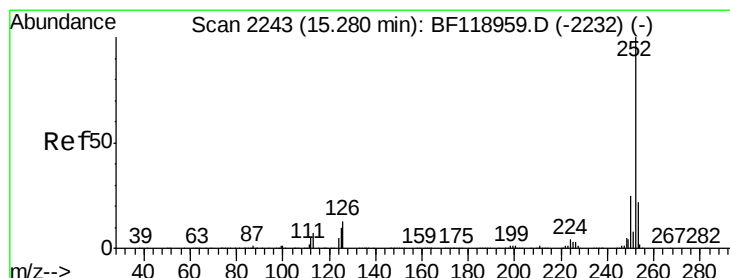
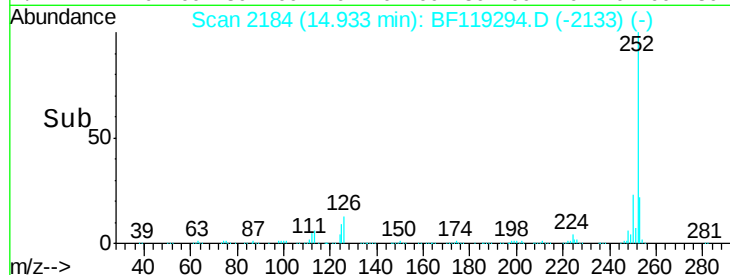
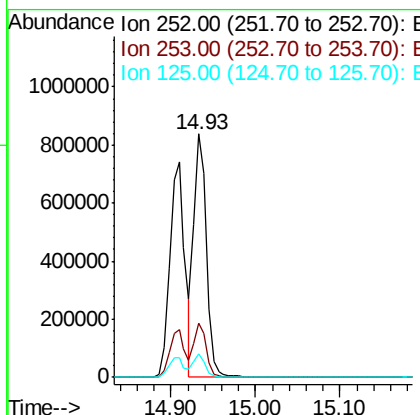
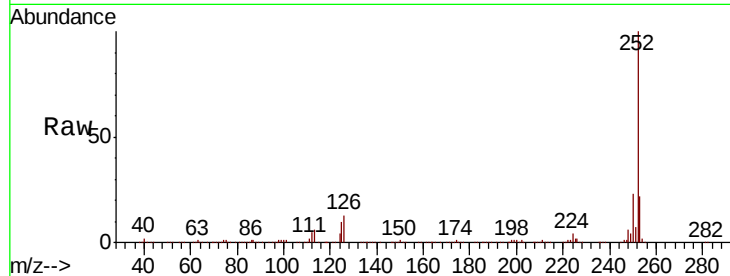
#89
Benzo(k)fluoranthene
Concen: 46.023 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.5	7.5	11.3

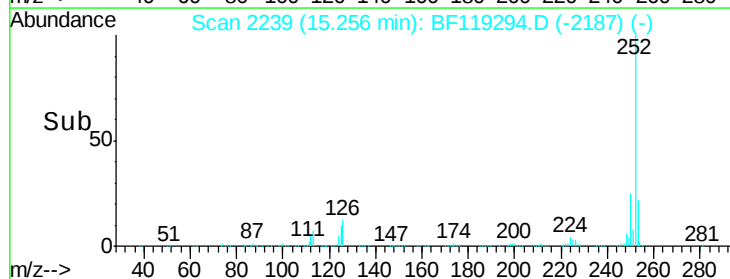
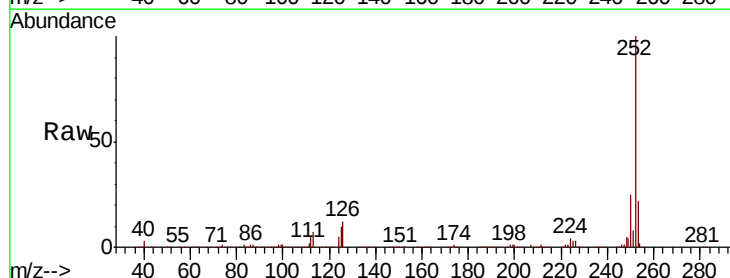
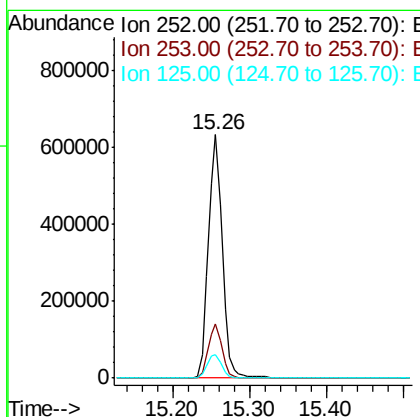
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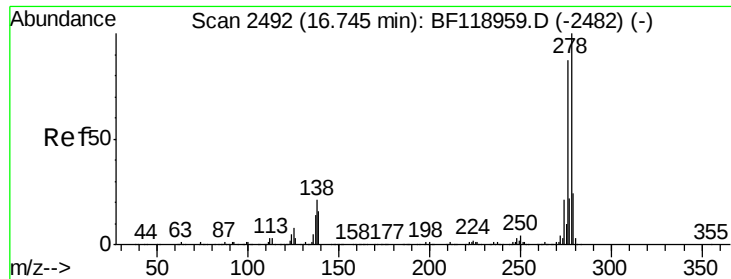
mohammad
3/10/2020 2:44:25 PM



#90
Benzo(a)pyrene
Concen: 43.487 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.9	8.6	12.8





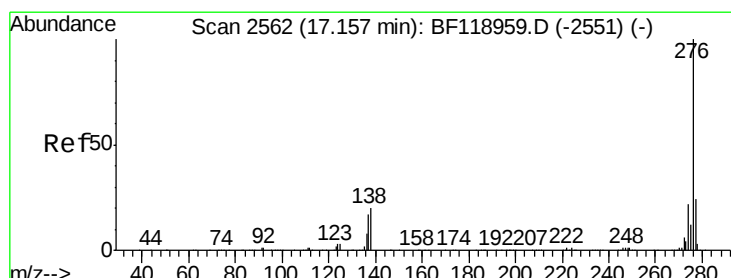
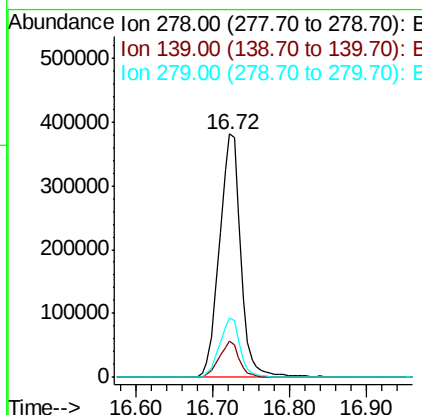
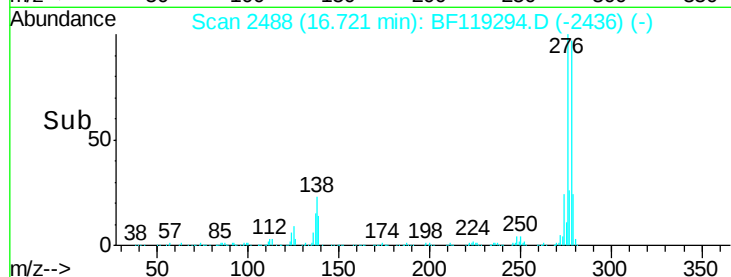
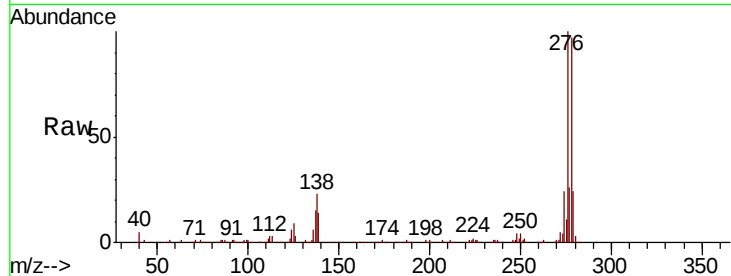
#91
Dibenzo(a,h)anthracene
Concen: 46.144 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.0	16.4
279	24.4	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.838 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.2	14.3	21.5

