

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120987.D
 Acq On : 23 Jul 2020 18:22
 Operator : JU/CG
 Sample : L3380-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Manual Integrations
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 7/24/2020 12:12:15 PM

Quant Time: Jul 24 05:20:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162768	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	627377	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	217265	20.00	ng	0.02
64) Phenanthrene-d10	11.37	188	146938	20.00	ng	0.04
76) Chrysene-d12	13.99	240	304142	20.00	ng	0.02
86) Perylene-d12	15.43	264	434047	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1135356	114.35	ng	0.01
7) Phenol-d6	6.45	99	1449047	112.98	ng	0.00
23) Nitrobenzene-d5	7.38	82	894846	82.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	262703	110.46	ng	0.02
45) 2-Fluorobiphenyl	9.18	172	1568631	107.80	ng	0.00
79) Terphenyl-d14	12.96	244	752022	53.75	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	189814	41.539	ng	99
3) Pyridine	3.32	79	453989	37.348	ng	98
4) n-Nitrosodimethylamine	3.26	42	223295	42.958	ng	93
6) Aniline	6.47	93	331563	19.805	ng	98
8) 2-Chlorophenol	6.60	128	500315	45.742	ng	99
9) Benzaldehyde	6.36	77	360327	71.481	ng	97
10) Phenol	6.46	94	575355	40.781	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	471793	43.634	ng	99
12) 1,3-Dichlorobenzene	6.76	146	500238	42.177	ng	98
13) 1,4-Dichlorobenzene	6.83	146	508714	43.135	ng	99
14) 1,2-Dichlorobenzene	6.99	146	487823	43.723	ng	98
15) Benzyl Alcohol	6.96	79	395075	43.558	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	657702	42.202	ng	99
17) 2-Methylphenol	7.07	107	389368	40.164	ng	99
18) Hexachloroethane	7.33	117	189755	44.454	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	305802	41.931	ng	100
20) 3+4-Methylphenols	7.22	107	440316	35.704	ng	# 84
22) Acetophenone	7.23	105	601825	42.743	ng	97
24) Nitrobenzene	7.40	77	489880	41.920	ng	99
25) Isophorone	7.64	82	906981	41.914	ng	100
26) 2-Nitrophenol	7.72	139	260724	46.977	ng	100
27) 2,4-Dimethylphenol	7.76	122	423797	47.030	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	581368	44.013	ng	99
29) 2,4-Dichlorophenol	7.96	162	401200	43.571	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	433132	42.397	ng	98
31) Naphthalene	8.12	128	1330599	41.347	ng	99
32) Benzoic acid	7.89	122	332026	49.085	ng	98
33) 4-Chloroaniline	8.17	127	246978	17.204	ng	99
34) Hexachlorobutadiene	8.24	225	249321	41.399	ng	99
35) Caprolactam	8.55	113	111782m	37.855	ng	
36) 4-Chloro-3-methylphenol	8.66	107	421656	44.649	ng	98
37) 2-Methylnaphthalene	8.82	142	875725	41.910	ng	100
38) 1-Methylnaphthalene	8.92	142	817716	41.319	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	389357	61.508	ng	98

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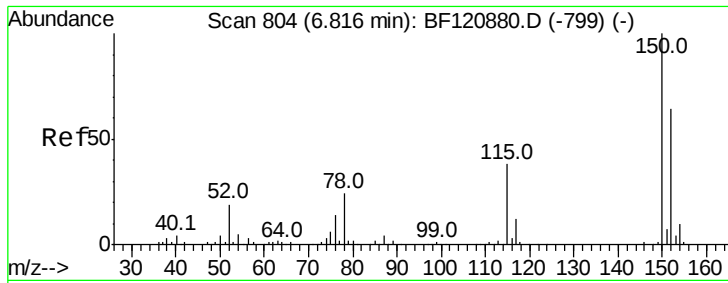
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	415774	118.842	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	284858	63.912	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	293806	58.114	nq	# 90
46) 1,1'-Biphenyl	9.28	154	1034550	62.424	nq	98
47) 2-Chloronaphthalene	9.30	162	764915	56.610	nq	98
48) 2-Nitroaniline	9.40	65	239364	58.619	nq	97
49) Acenaphthylene	9.73	152	1116844	53.205	nq	96
50) Dimethylphthalate	9.59	163	998522	63.704	nq	# 96
51) 2,6-Dinitrotoluene	9.65	165	200472	59.532	nq	# 84
52) Acenaphthene	9.90	154	633976	47.504	nq	99
53) 3-Nitroaniline	9.81	138	136060	32.215	nq	# 88
54) 2,4-Dinitrophenol	9.92	184	133238	69.701	nq	# 64
55) Dibenzofuran	10.07	168	780775	40.457	nq	97
56) 4-Nitrophenol	9.97	139	258180	80.474	nq	# 68
57) 2,4-Dinitrotoluene	10.05	165	187676	42.439	nq	# 95
58) Fluorene	10.42	166	439030	30.502	nq	# 95
59) 2,3,4,6-Tetrachlorophenol	10.19	232	157346	40.876	nq	# 95
60) Diethylphthalate	10.29	149	488816	30.832	nq	# 93
61) 4-Chlorophenyl-phenylether	10.41	204	220114	28.671	nq	# 85
62) 4-Nitroaniline	10.42	138	74106m	18.013	nq	
63) Azobenzene	10.57	77	462316	30.630	nq	92
65) 4,6-Dinitro-2-methylphenol	10.46	198	68228	77.649	nq	# 1
66) n-Nitrosodiphenylamine	10.53	169	387327	83.794	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	132347	80.786	nq	# 84
68) Hexachlorobenzene	10.99	284	134140	75.693	nq	# 81
69) Atrazine	11.07	200	88530	77.335	nq	# 65
70) Pentachlorophenol	11.17	266	142629	140.488	nq	99
71) Phenanthrene	11.40	178	335011	44.331	nq	# 85
72) Anthracene	11.45	178	361473	47.635	nq	# 90
73) Carbazole	11.60	167	284767	37.814	nq	# 85
74) Di-n-butylphthalate	11.93	149	386347	44.456	nq	# 93
75) Fluoranthene	12.59	202	452151	53.979	nq	94
77) Benzidine	12.70	184	139068	17.391	nq	# 69
78) Pyrene	12.82	202	536922	24.970	nq	97
80) Butylbenzylphthalate	13.42	149	331749	34.609	nq	93
81) Benzo(a)anthracene	13.98	228	828514	44.986	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	108289	15.585	nq	# 96
83) Chrysene	14.02	228	827846	42.772	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	599420	50.711	nq	# 98
85) Di-n-octyl phthalate	14.57	149	1251720	53.227	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1400926	46.409	nq	100
88) Benzo(b)fluoranthene	15.01	252	1157841	44.131	nq	98
89) Benzo(k)fluoranthene	15.04	252	948481	39.640	nq	99
90) Benzo(a)pyrene	15.37	252	1018133	42.533	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1157869	46.958	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1197328	49.248	nq	99

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



#1

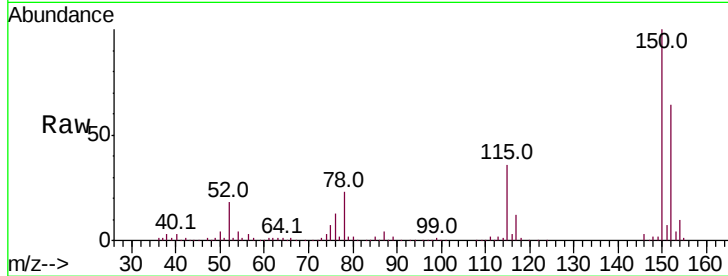
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

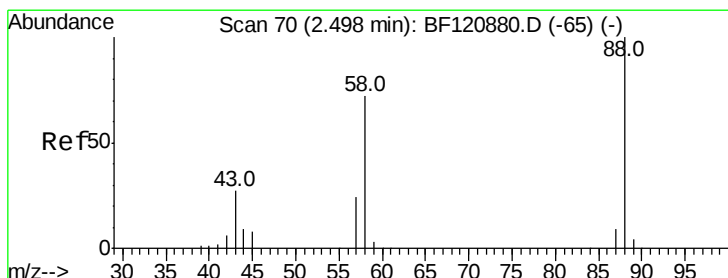
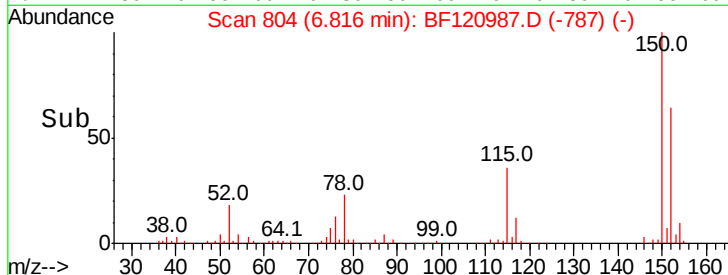
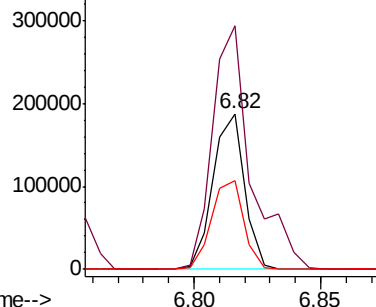
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.0	187.6
115	56.7	47.0	70.4

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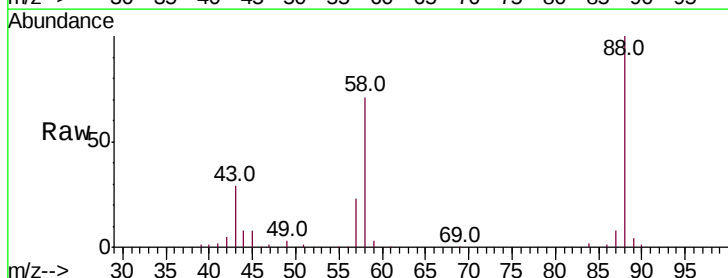
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



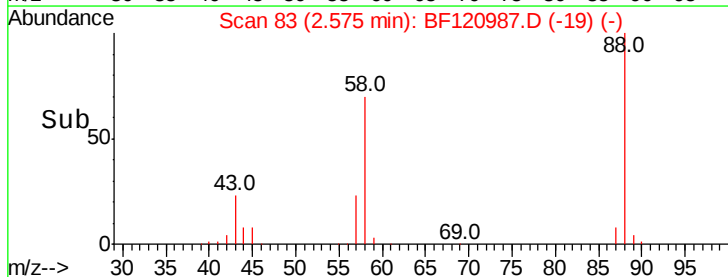
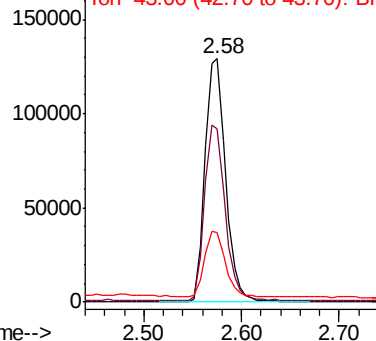
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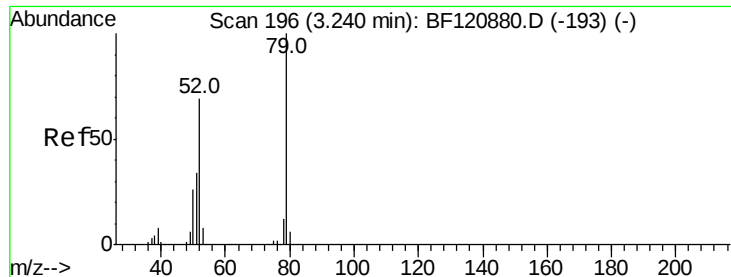
1,4-Dioxane
Concen: 41.539 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.2	87.2
43	27.2	22.1	33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.348 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

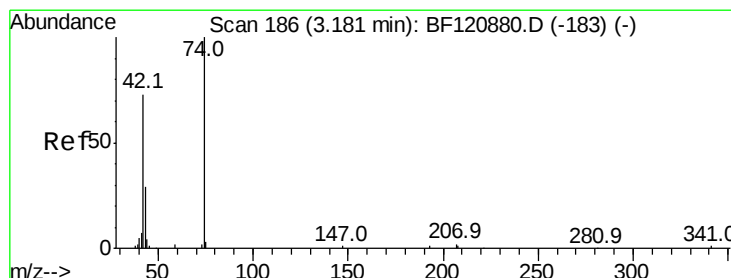
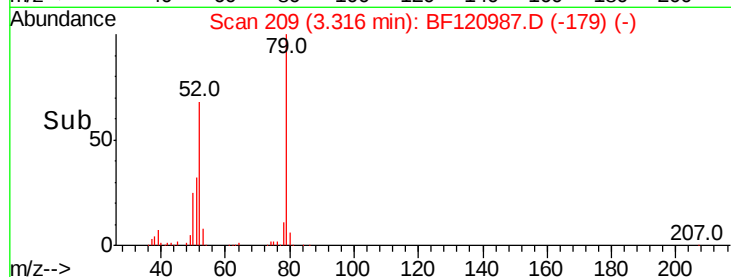
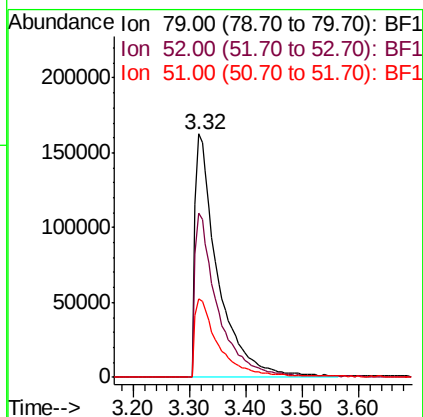
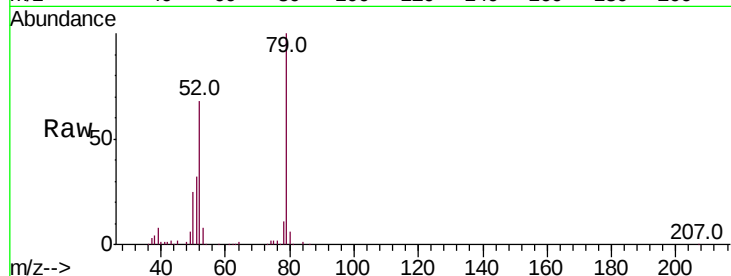
ClientSampleId :

VNJ-241MSD

Tot Ion:	79	Resp:	453989
Ion Ratio	Lower	Upper	
79	100		
52	67.7	55.0	82.6
51	32.0	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 42.958 ng

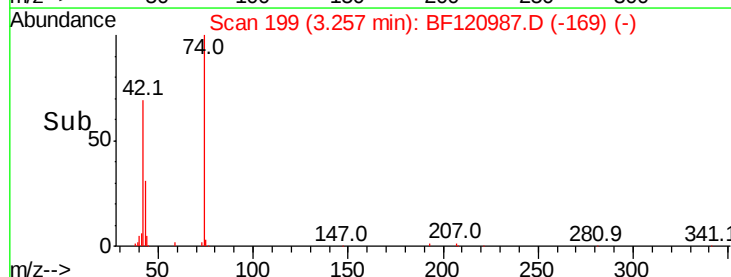
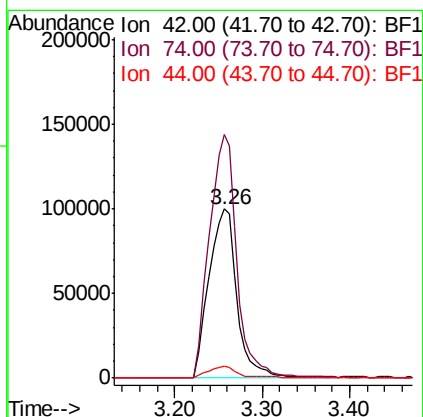
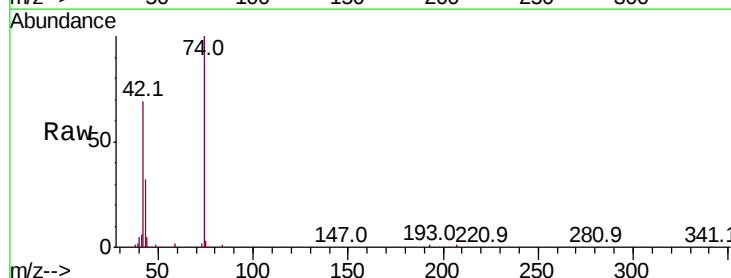
RT: 3.26 min Scan# 199

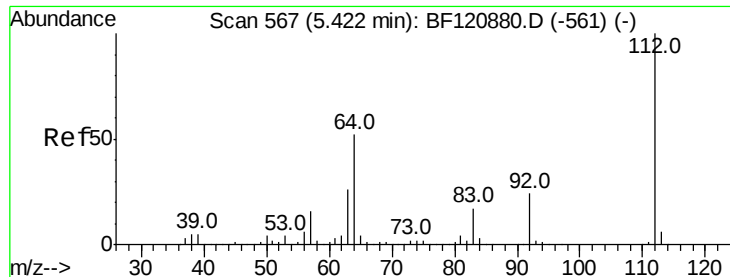
Delta R.T. 0.08 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	42	Resp:	223295
Ion Ratio	Lower	Upper	
42	100		
74	144.1	108.7	163.1
44	7.0	5.2	7.8





#5

2-Fluorophenol

Concen: 114.350 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

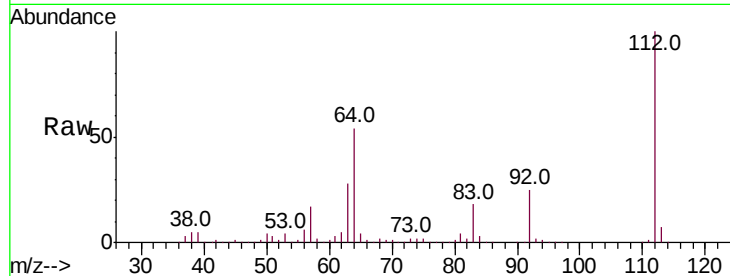
ClientSampled :

VNJ-241MSD

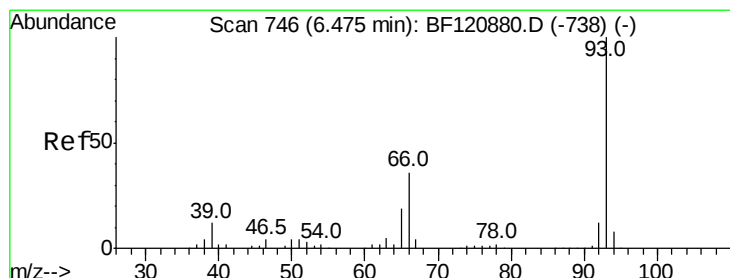
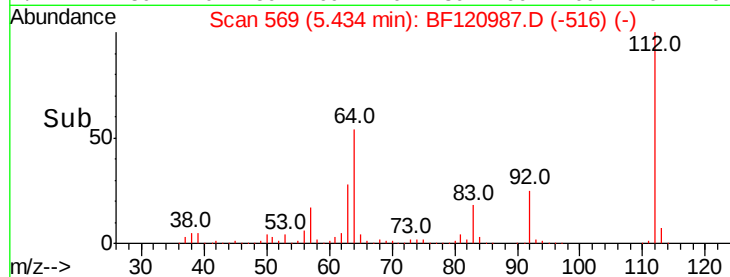
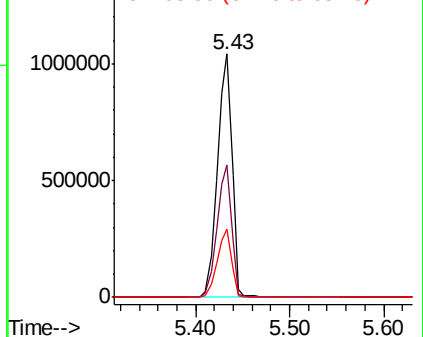
Tot Ion:	112	Resp:	1135356
Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.3	61.9
63	28.2	21.1	31.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.805 ng

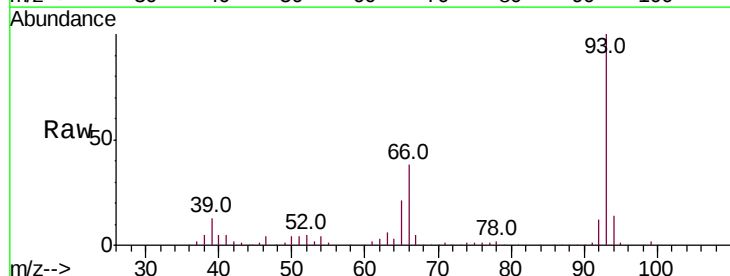
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

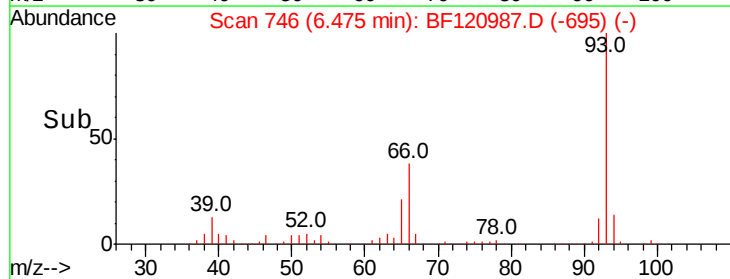
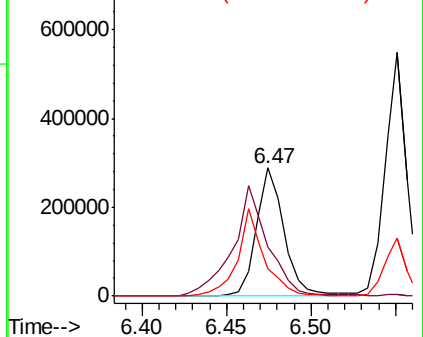
Lab File: BF120987.D

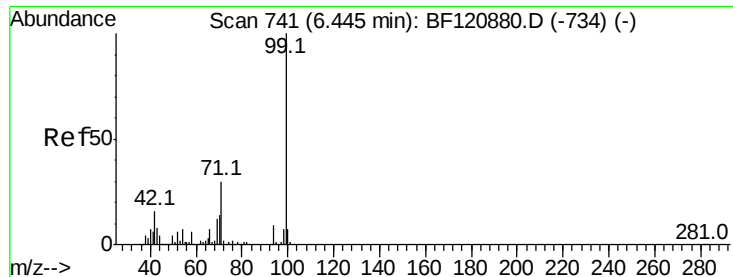
Acq: 23 Jul 2020 18:22

Tgt Ion:	93	Resp:	331563
Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.2	45.4
65	20.9	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.982 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tot Ion: 99 Resp: 1449047

Ion Ratio Lower Upper

99 100

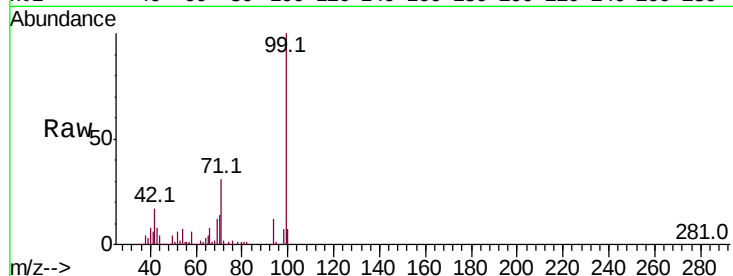
42 16.7 13.1 19.7

71 30.9 24.2 36.4

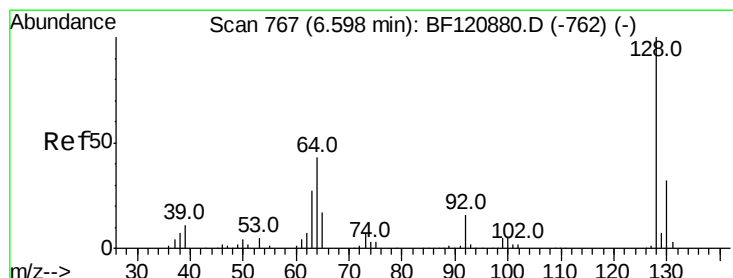
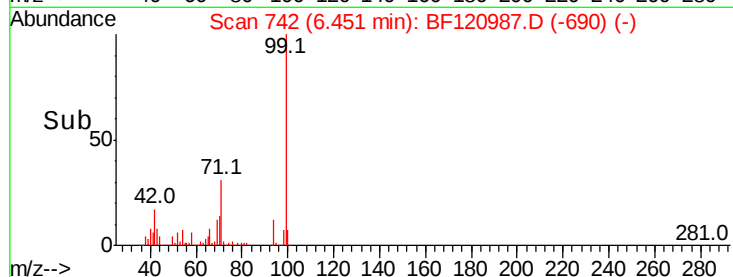
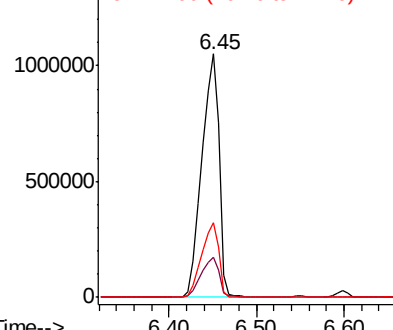
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.742 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

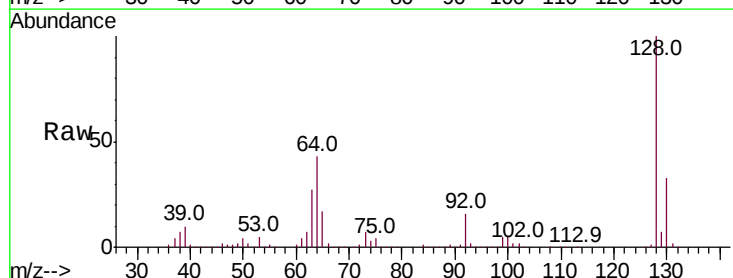
Tgt Ion: 128 Resp: 500315

Ion Ratio Lower Upper

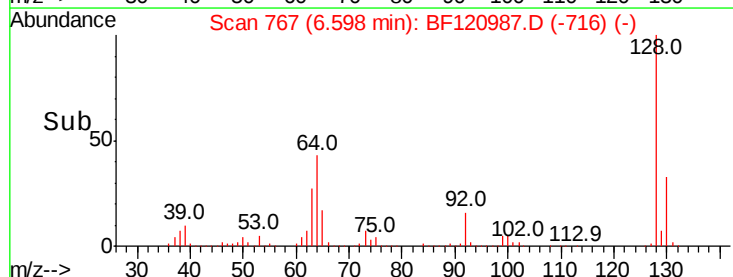
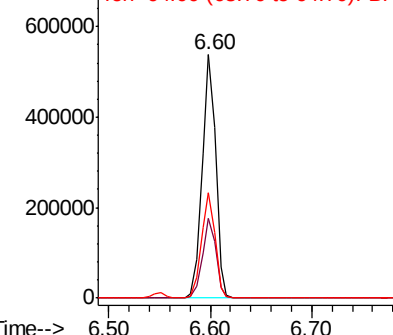
128 100

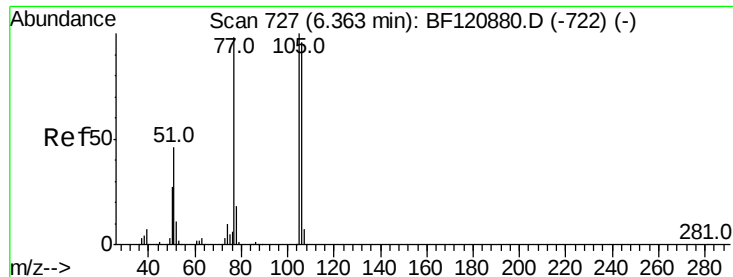
130 33.0 12.1 52.1

64 43.5 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 71.481 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

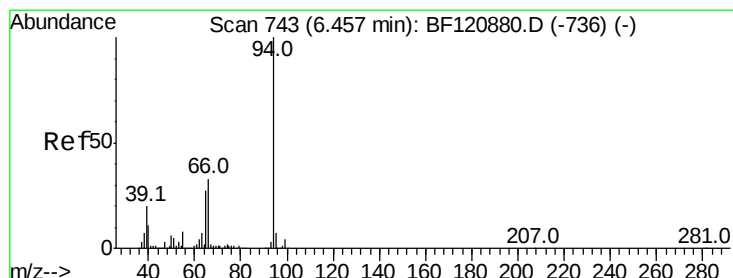
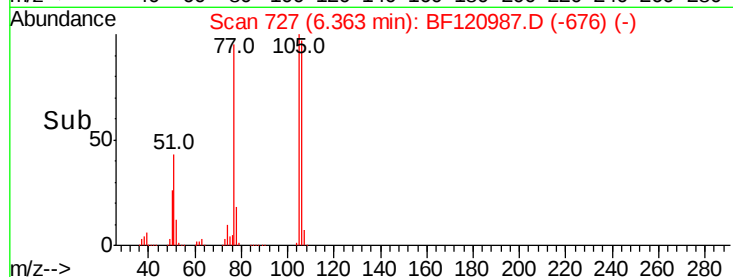
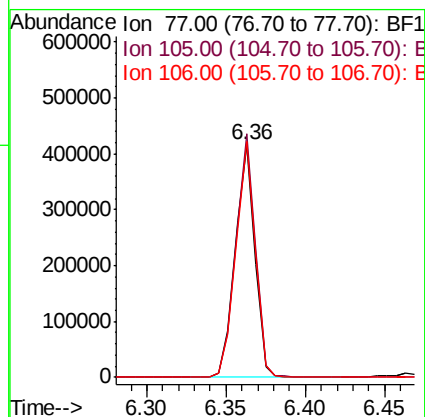
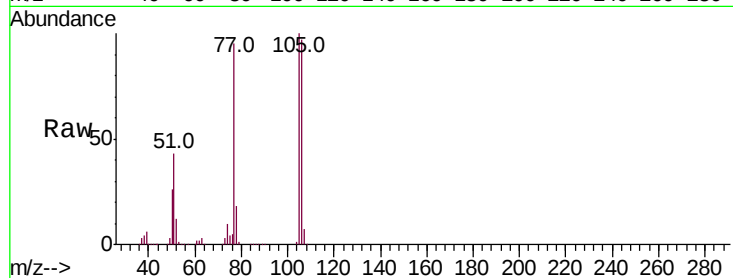
ClientSampleId :

VNJ-241MSD

Tot Ion:	77	Resp:	360327
Ion Ratio	Lower	Upper	
77	100		
105	104.7	82.5	122.5
106	101.5	78.7	118.7

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#10

Phenol

Concen: 40.781 ng

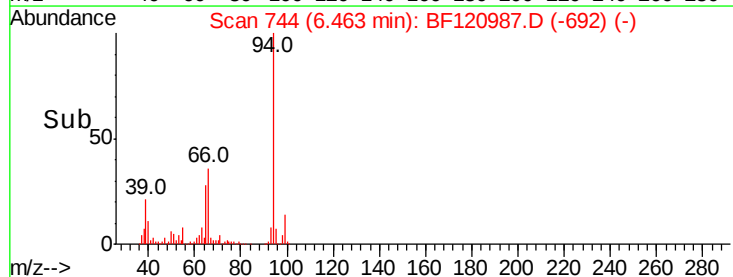
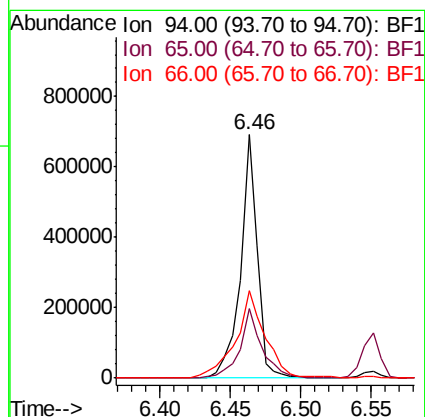
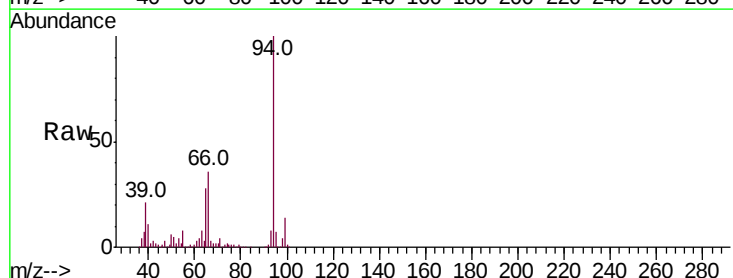
RT: 6.46 min Scan# 744

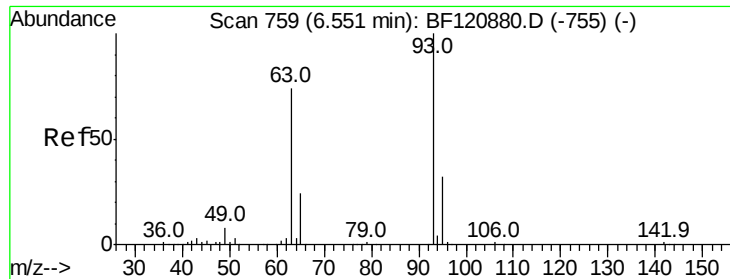
Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	94	Resp:	575355
Ion Ratio	Lower	Upper	
94	100		
65	28.3	6.6	46.6
66	35.9	13.2	53.2





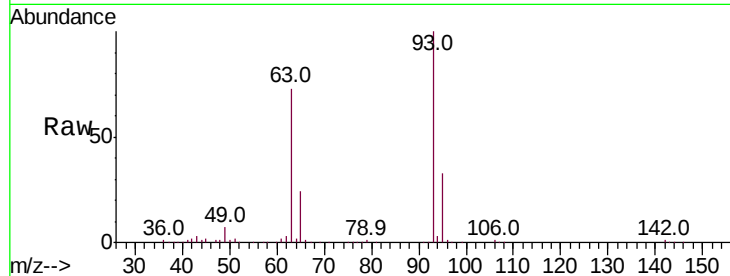
#11
bis(2-Chloroethyl)ether
Concen: 43.634 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	54.2	94.2
95	33.0	12.2	52.2

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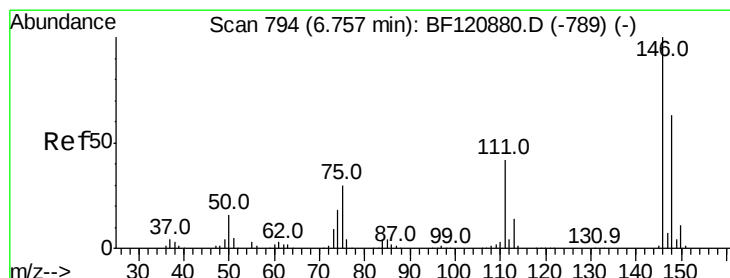
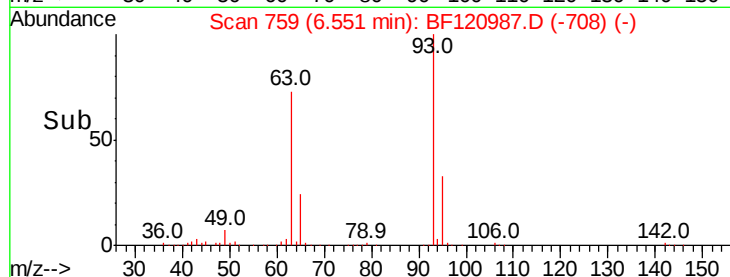
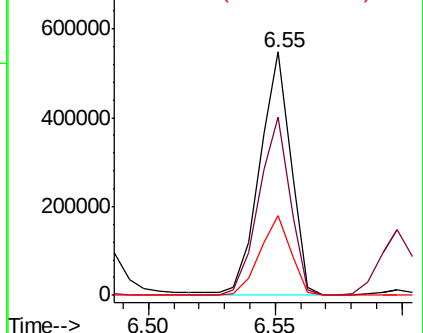


Abundance

Ion 93.00 (92.70 to 93.70): BF1

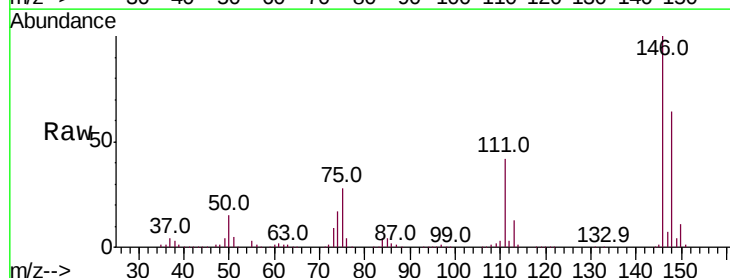
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.177 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	28.0	24.1	36.1

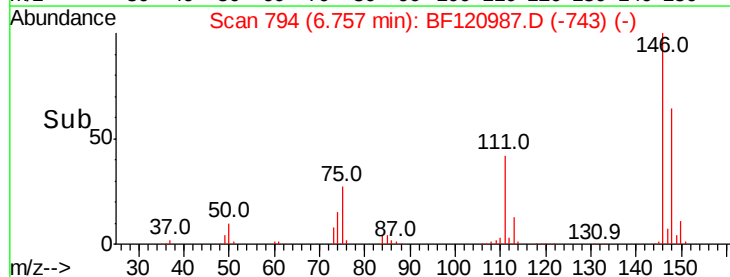
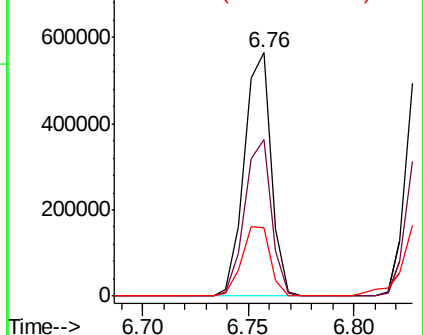


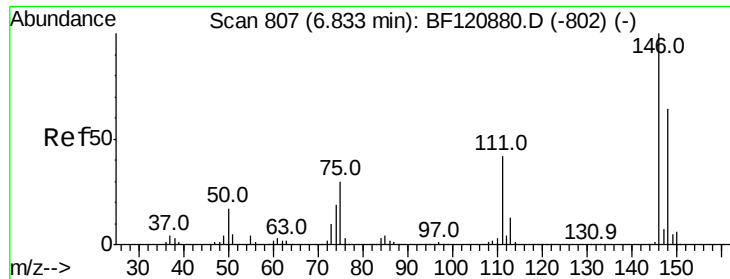
Abundance

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





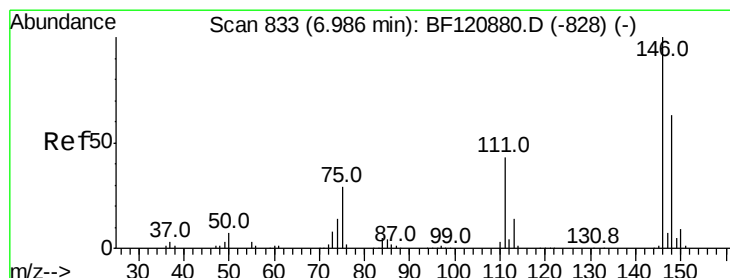
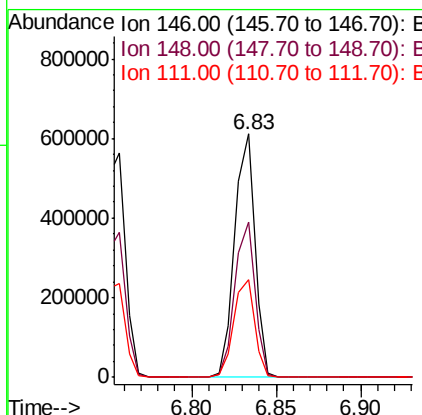
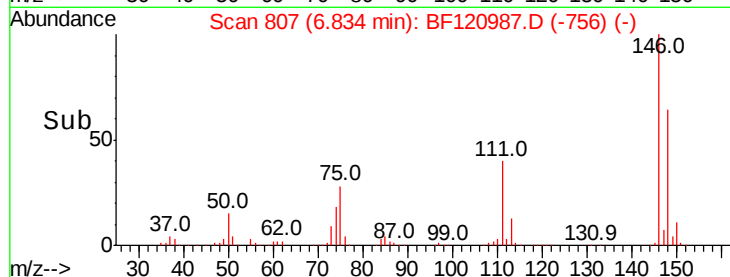
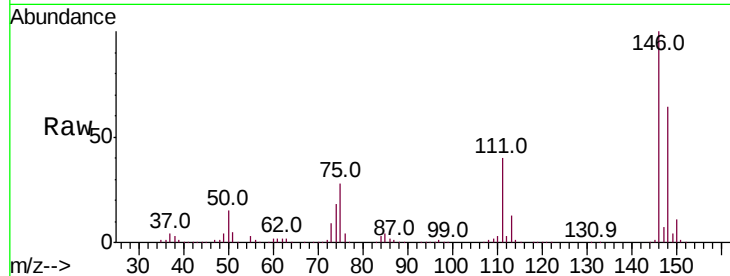
#13
 1,4-Dichlorobenzene
 Concen: 43.135 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	40.4	33.5	50.3

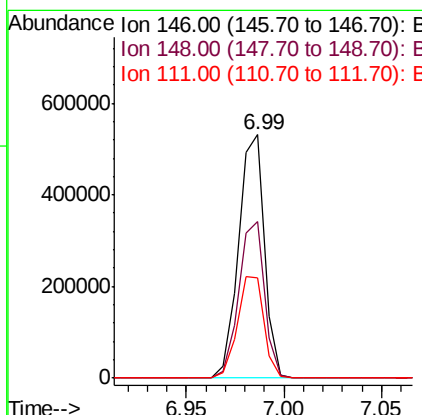
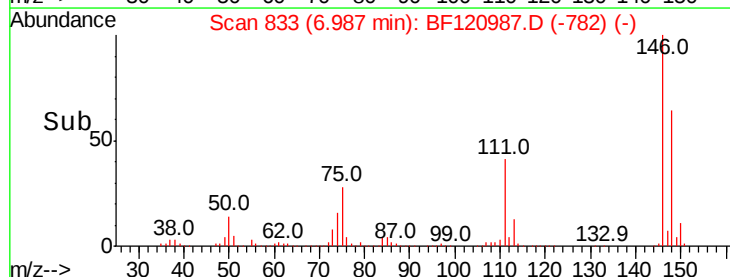
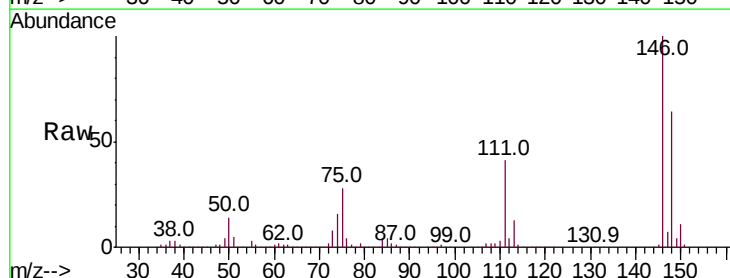
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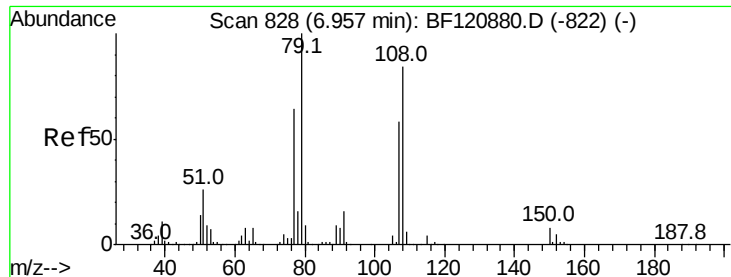
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#14
 1,2-Dichlorobenzene
 Concen: 43.723 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	41.0	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.558 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

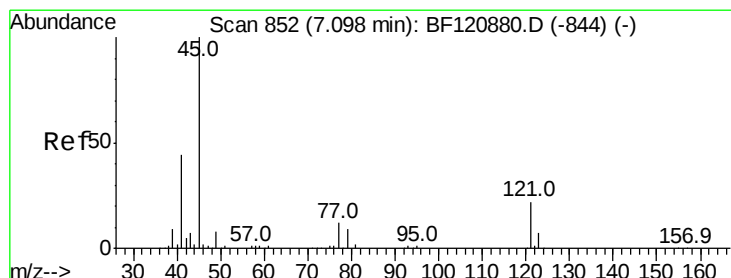
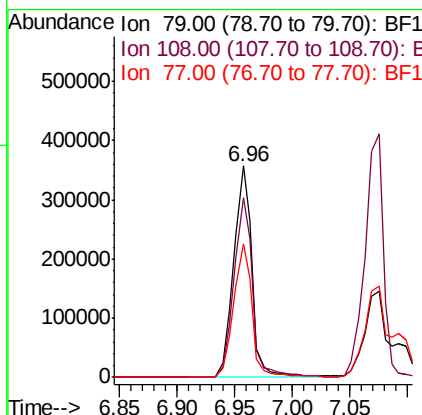
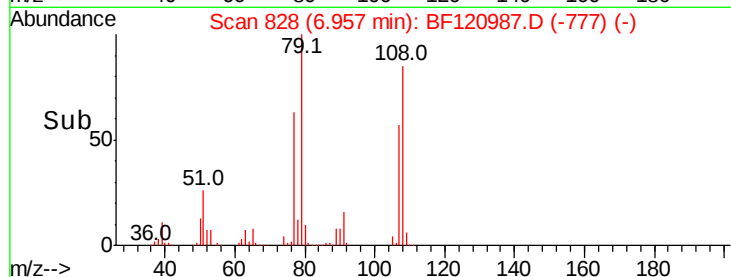
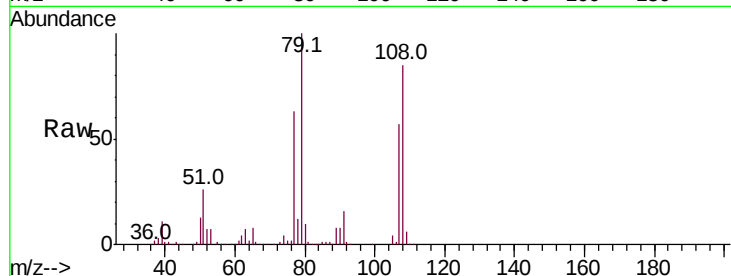
ClientSampled :

VNJ-241MSD

Tot Ion:	79	Resp:	395075
Ion Ratio	Lower	Upper	
79	100		
108	84.9	67.0	100.6
77	63.1	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.202 ng

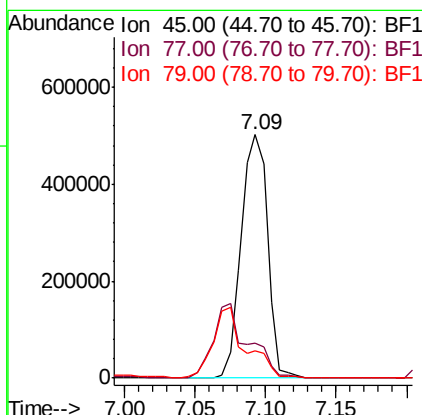
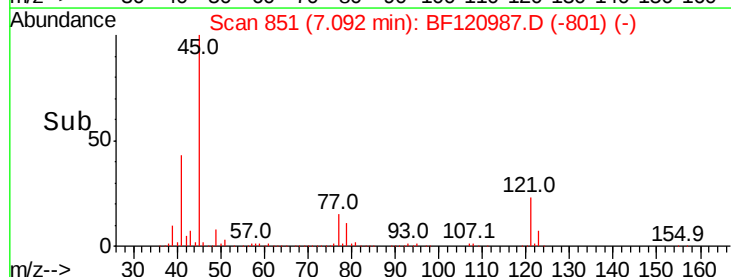
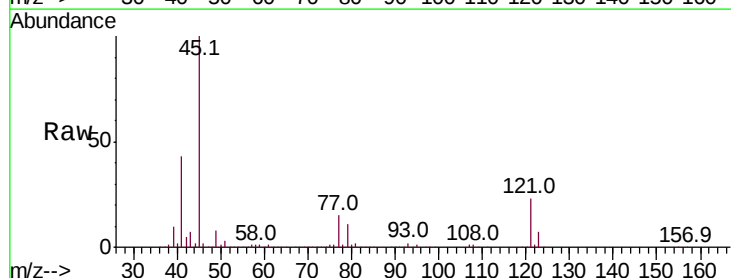
RT: 7.09 min Scan# 851

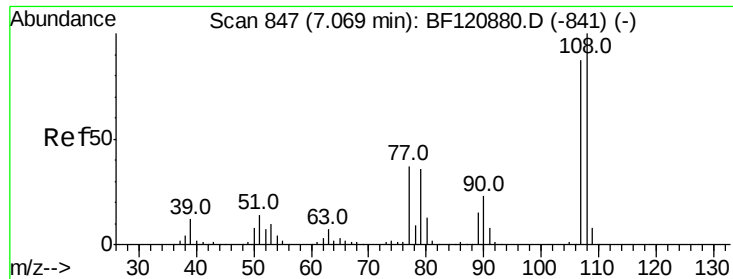
Delta R.T. -0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	45	Resp:	657702
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.2	0.0	31.0





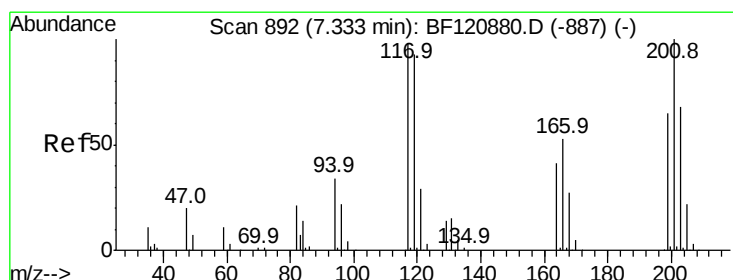
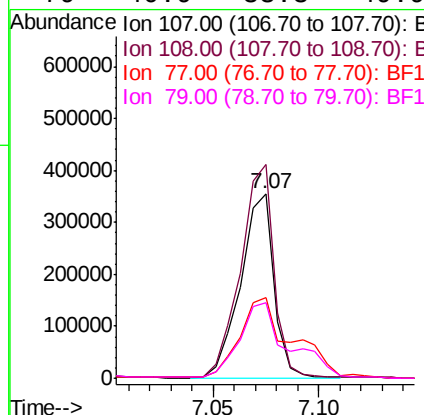
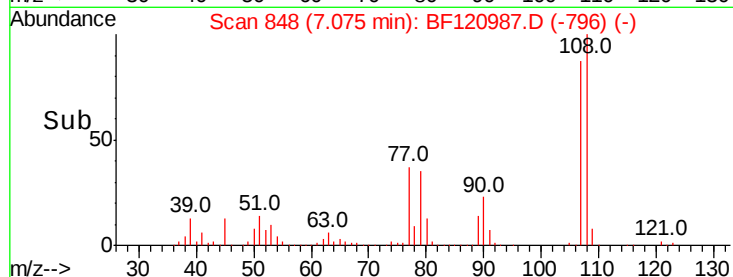
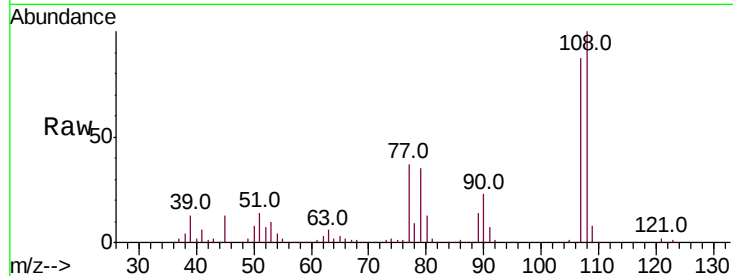
#17
2-Methylphenol
Concen: 40.164 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	92.0	138.0	
77	43.3	34.0	51.0	
79	40.9	33.3	49.9	

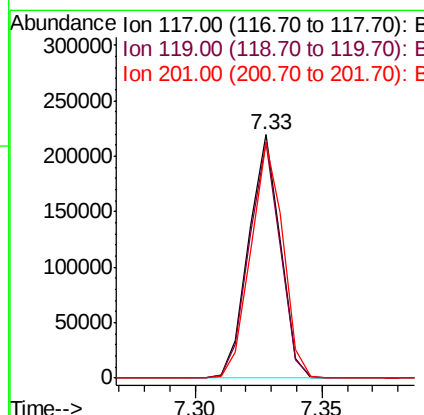
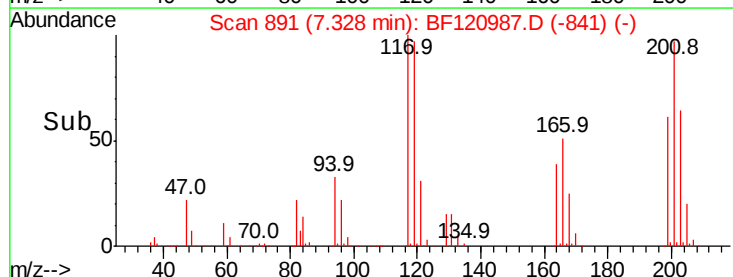
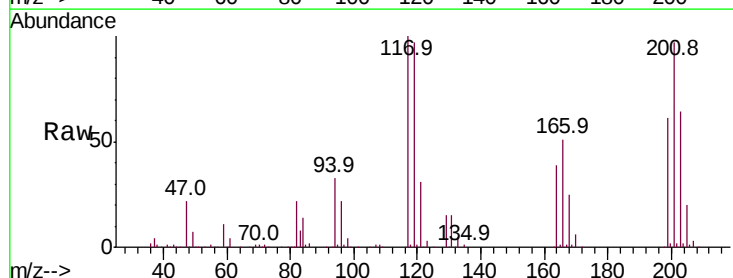
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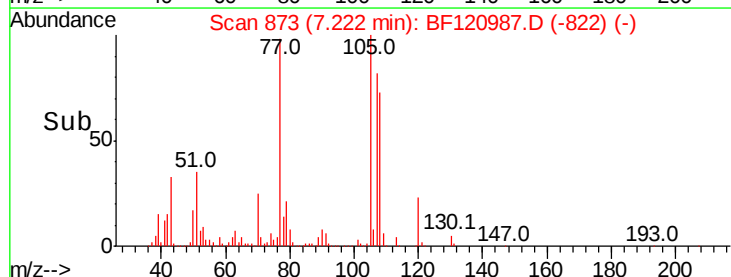
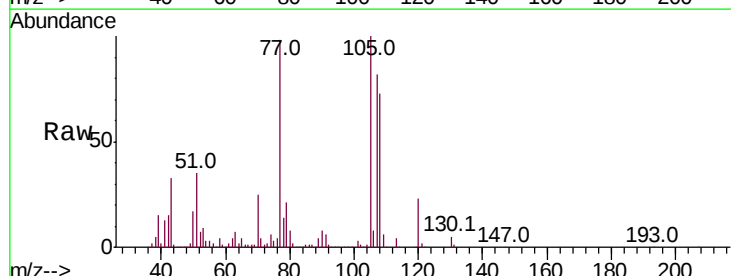
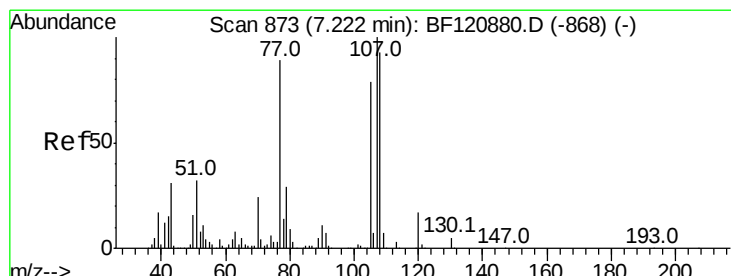
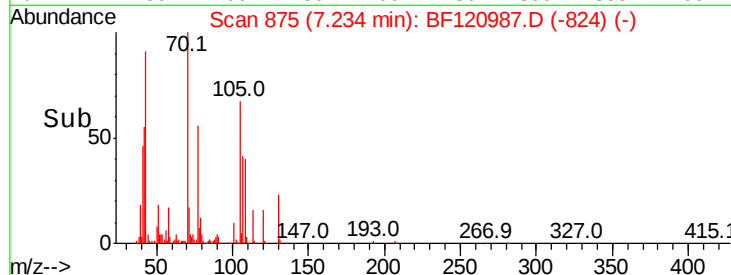
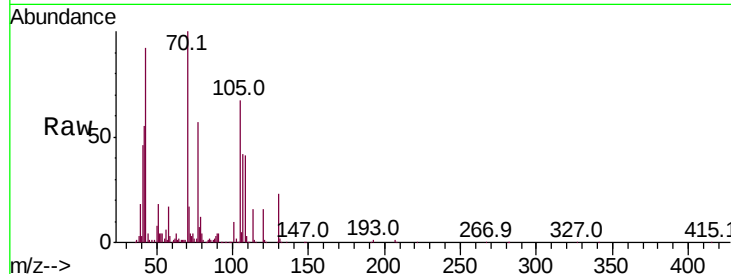
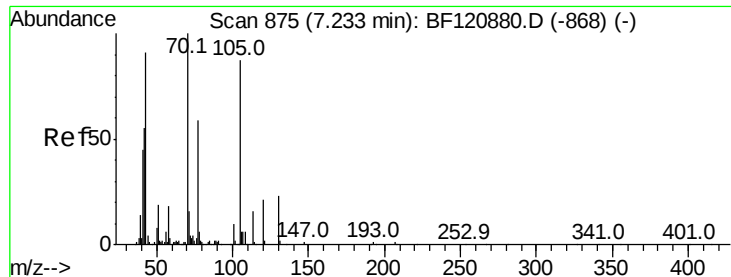
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#18
Hexachloroethane
Concen: 44.454 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.0	114.0	
201	97.1	81.7	122.5	





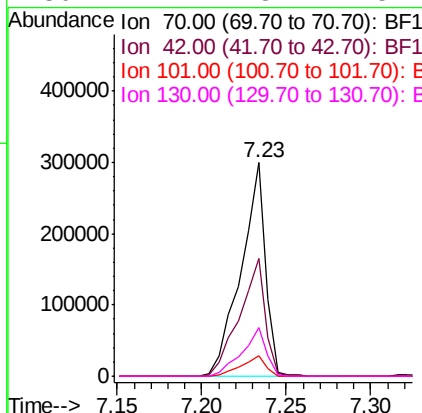
#19
n-Nitroso-di-n-propylamine
Concen: 41.931 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	44.0	66.0
101	9.8	7.8	11.6
130	22.7	18.7	28.1

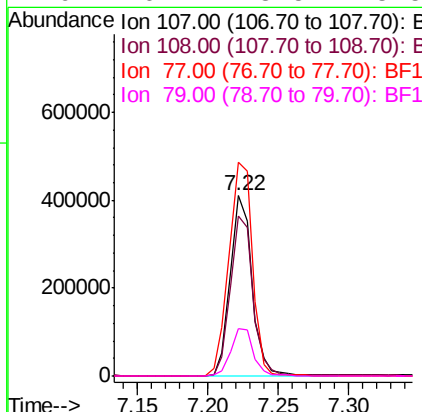
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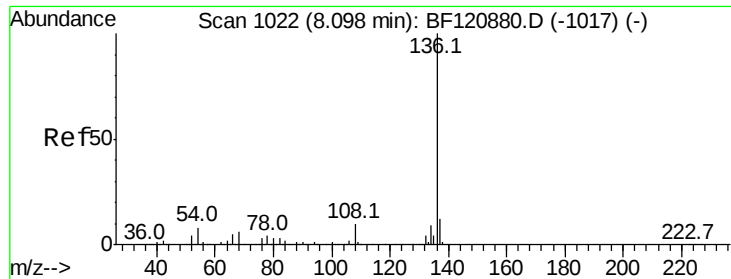
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#20
3+4-Methylphenols
Concen: 35.704 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.8	112.8
77	118.7	68.7	108.7#
79	26.1	8.5	48.5





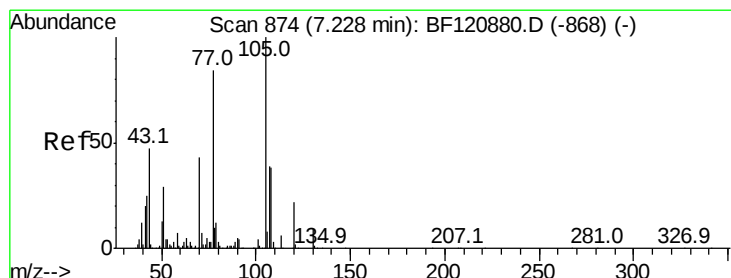
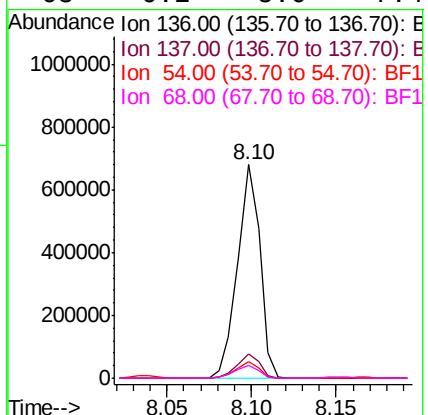
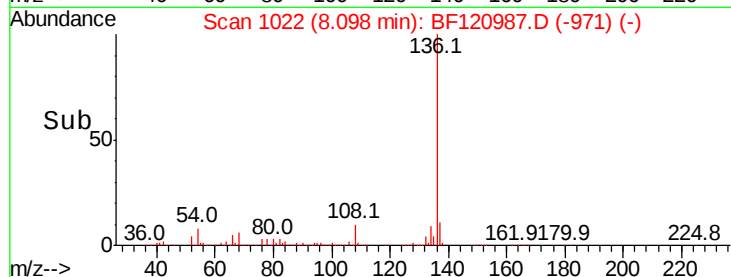
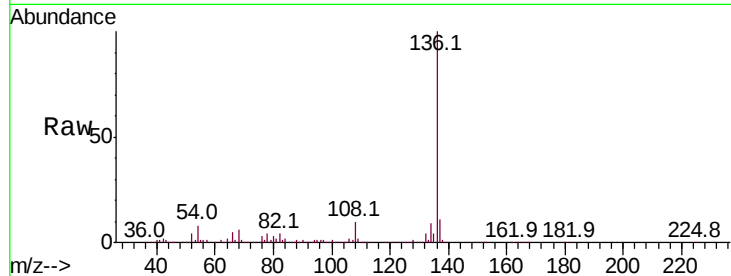
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	627377		
137	11.4	9.3	13.9	
54	7.8	6.3	9.5	
68	6.2	5.0	7.4	

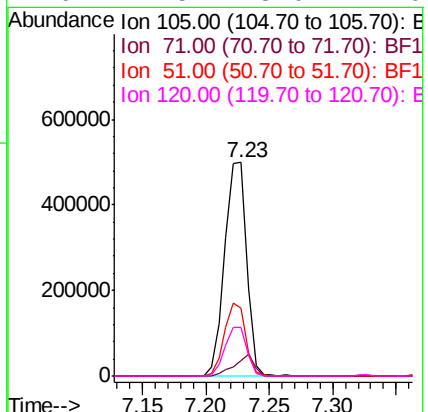
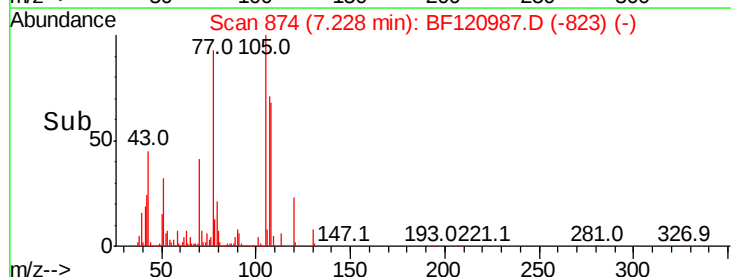
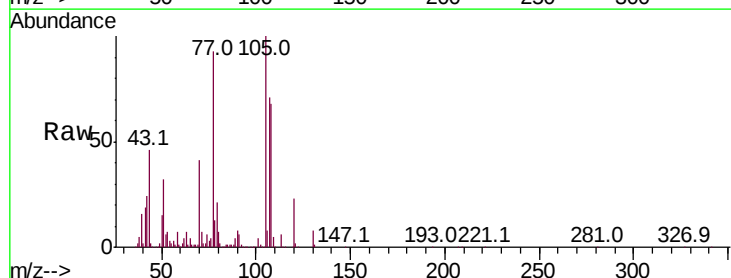
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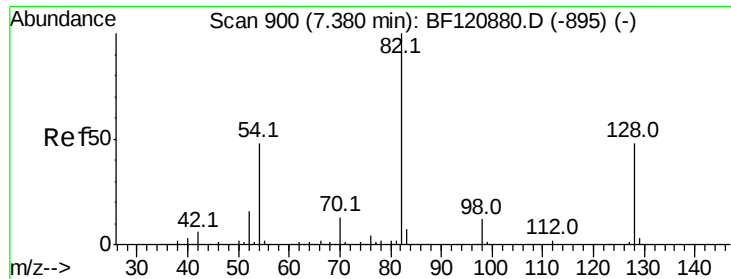
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#22
Acetophenone
Concen: 42.743 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	601825		
71	6.9	5.7	8.5	
51	31.7	22.9	34.3	
120	22.5	18.0	27.0	





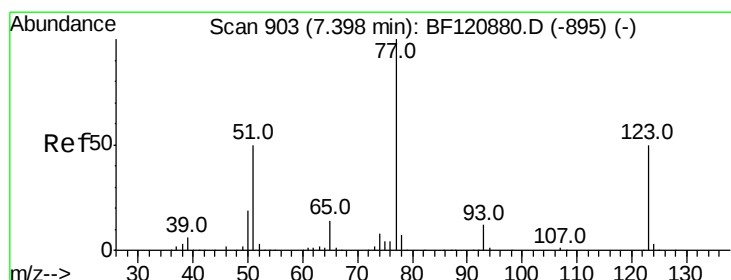
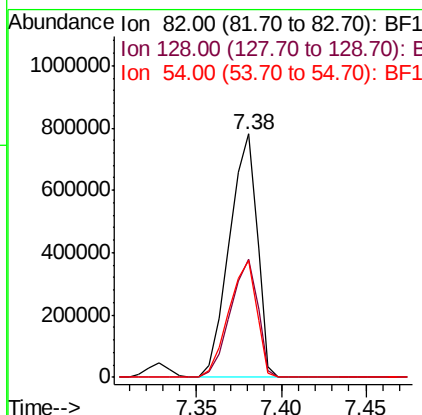
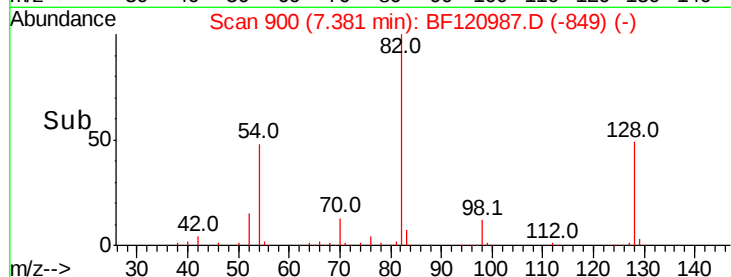
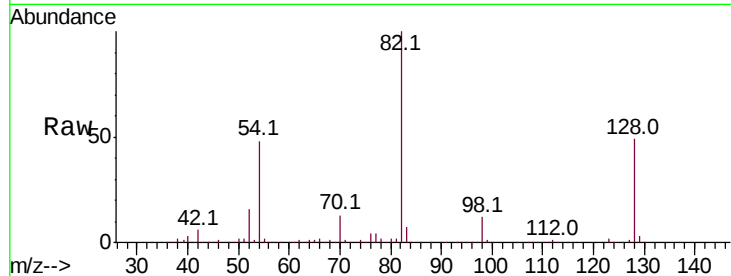
#23
Nitrobenzene-d5
Concen: 82.532 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.2	57.4
54	48.1	38.7	58.1

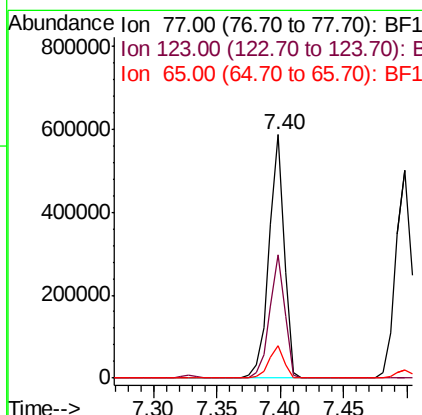
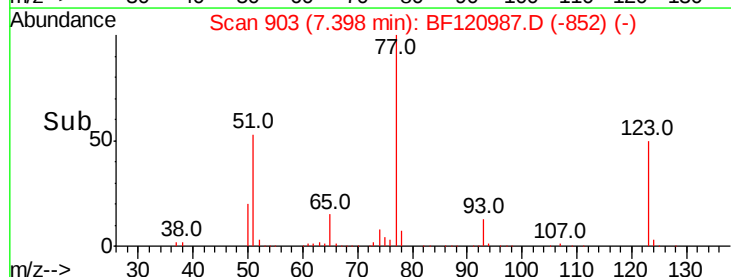
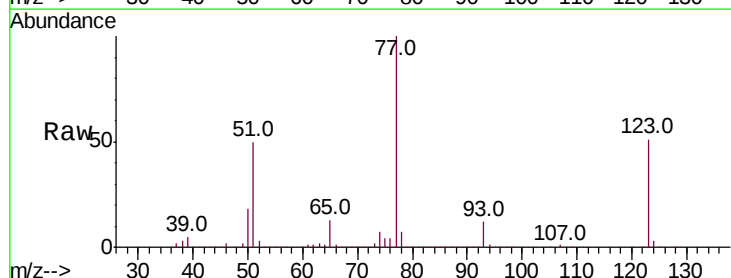
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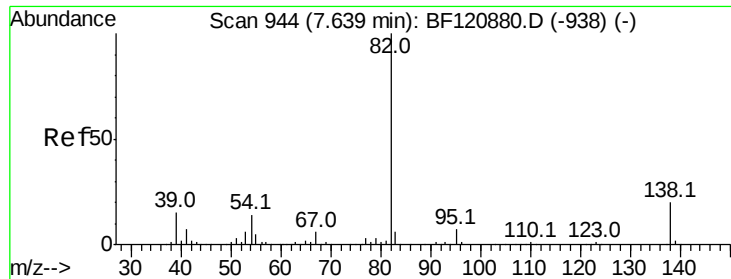
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#24
Nitrobenzene
Concen: 41.920 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.1	60.1
65	13.1	10.8	16.2





#25

Isophorone

Concen: 41.914 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

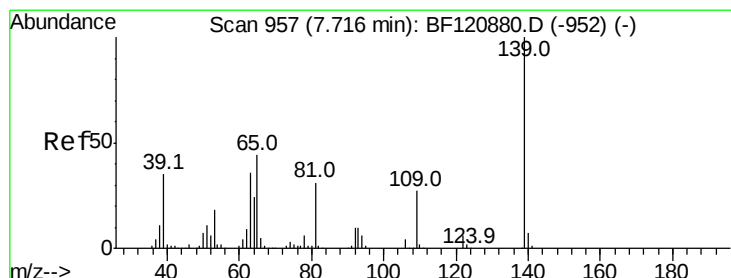
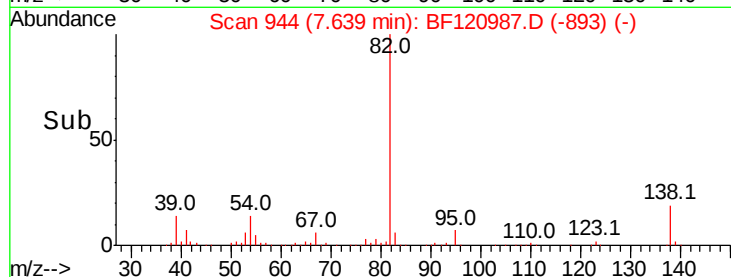
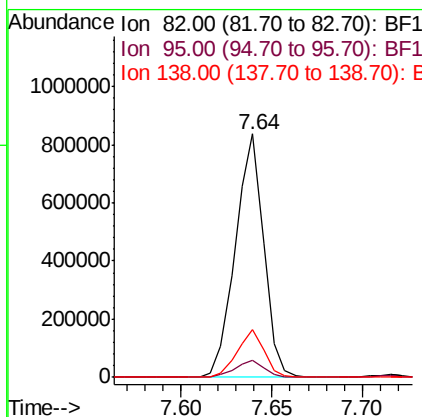
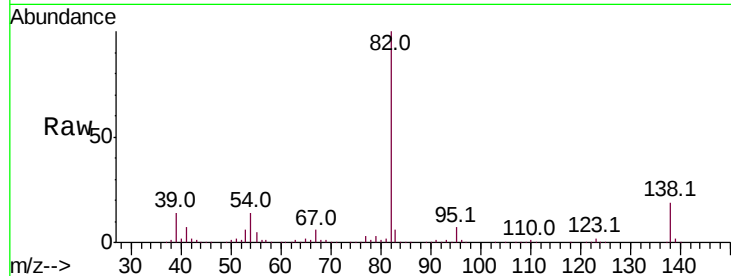
ClientSampled :

VNJ-241MSD

Tot Ion:	82	Resp:	906981
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	19.4	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.977 ng

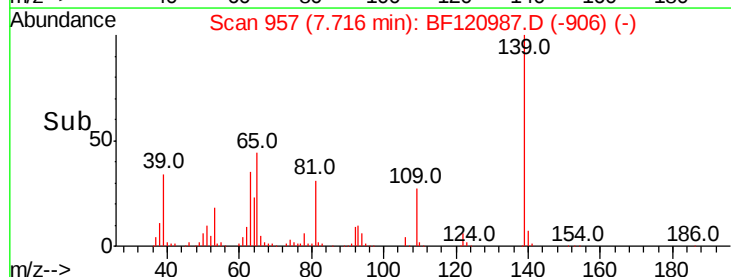
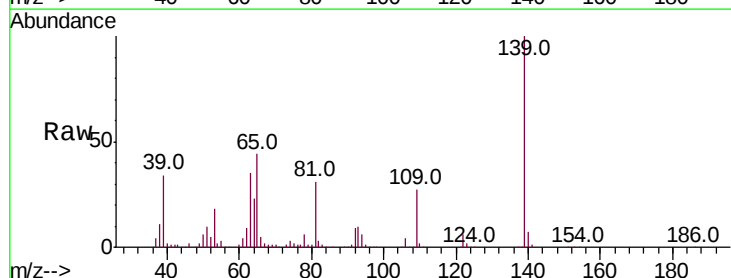
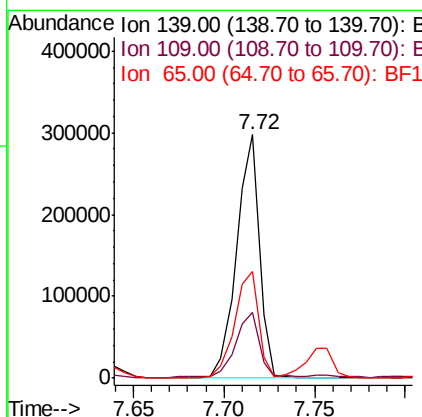
RT: 7.72 min Scan# 957

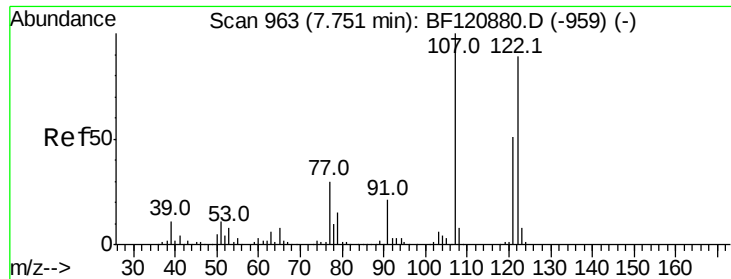
Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	139	Resp:	260724
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.6	32.4
65	43.9	35.3	52.9





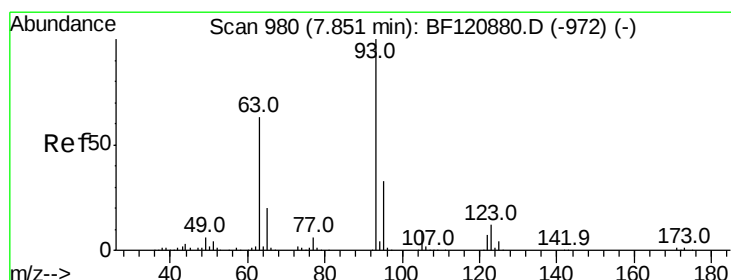
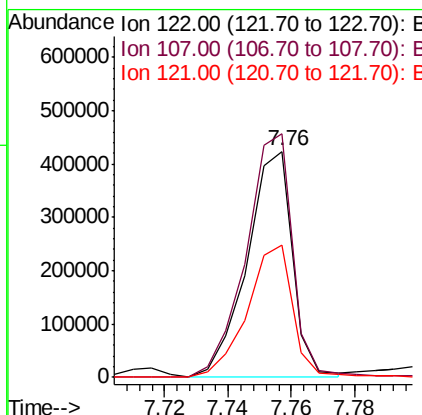
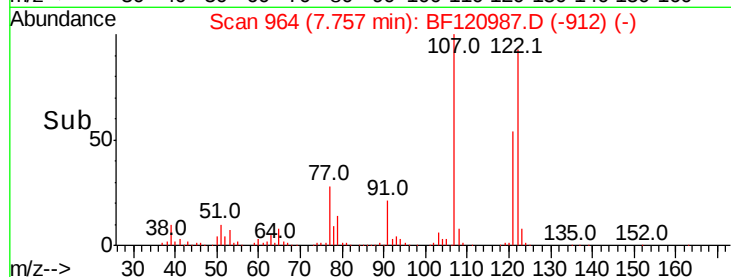
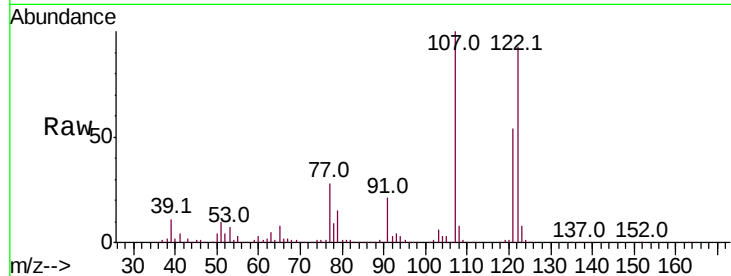
#27
2,4-Dimethylphenol
Concen: 47.030 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	89.4	134.0
121	58.4	46.0	69.0

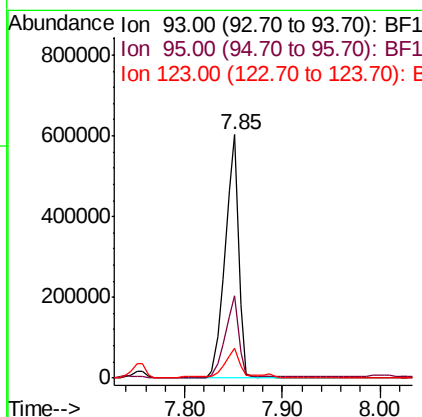
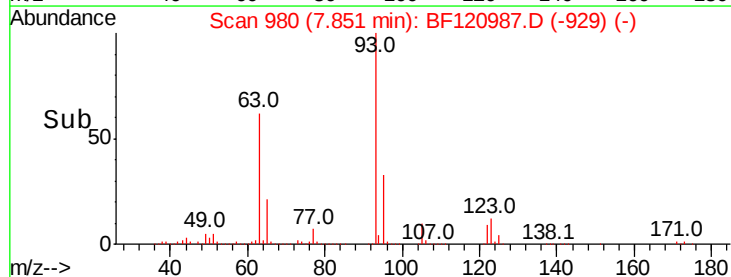
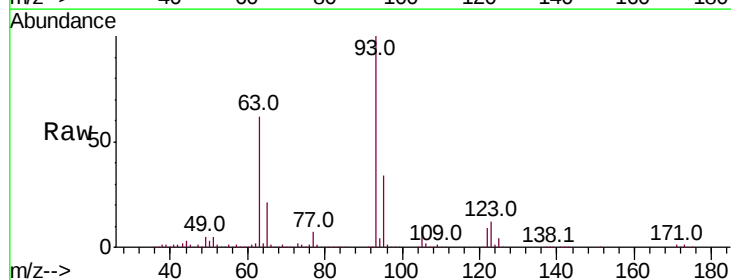
Manual Integrations
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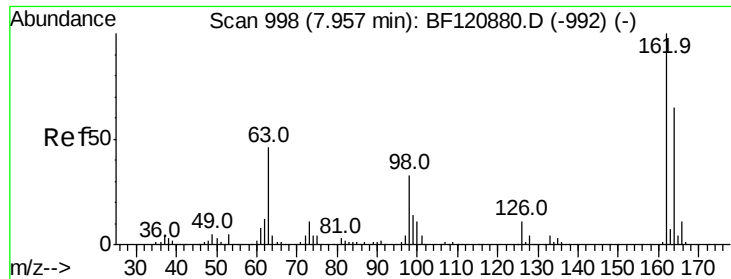
Sohil
7/24/2020 12:12:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.013 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	39.8
123	12.3	10.0	15.0





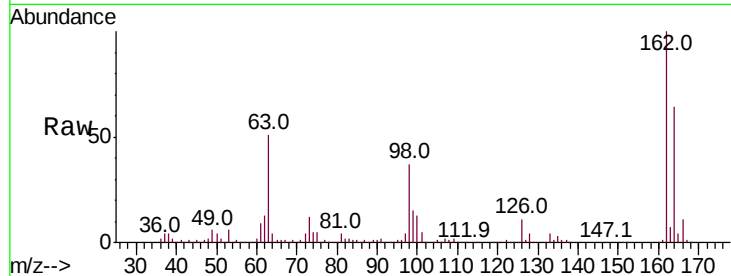
#29
 2,4-Dichlorophenol
 Concen: 43.571 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

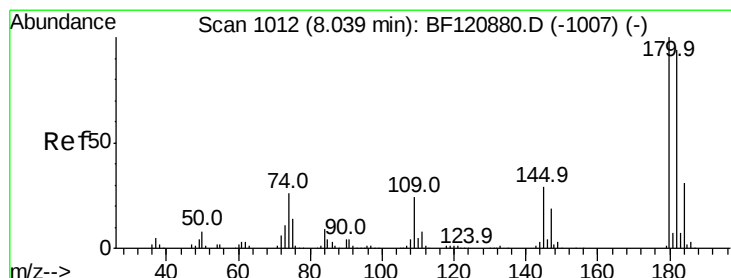
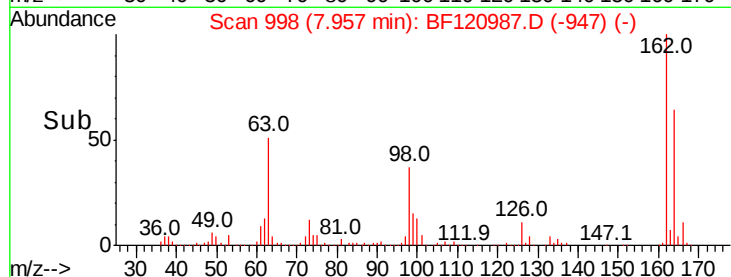
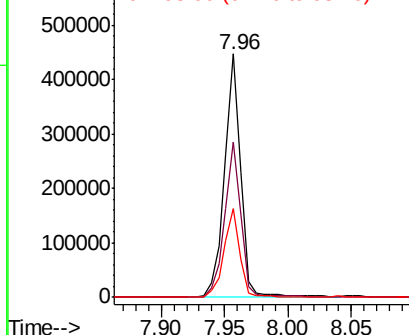
Tot Ion	Ratio	Resp	Lower	Upper
162	100	401200		
164	63.9	45.3	85.3	
98	36.6	13.3	53.3	

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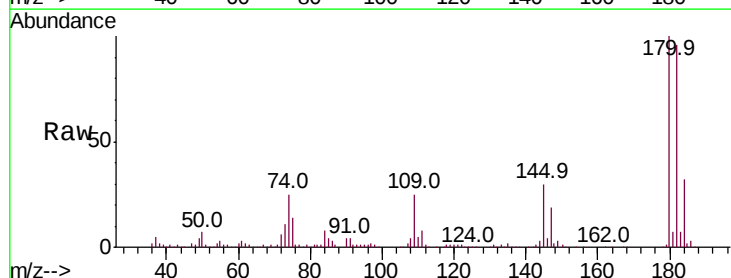


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

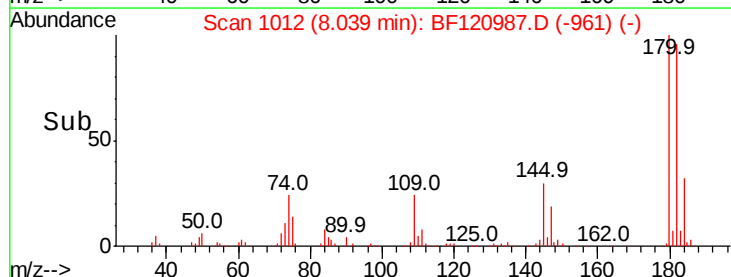
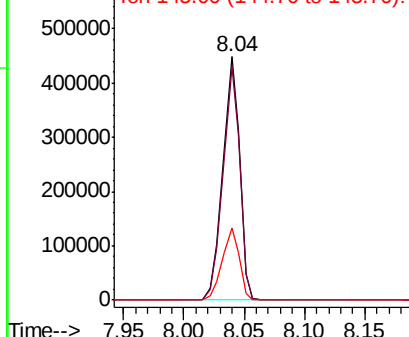


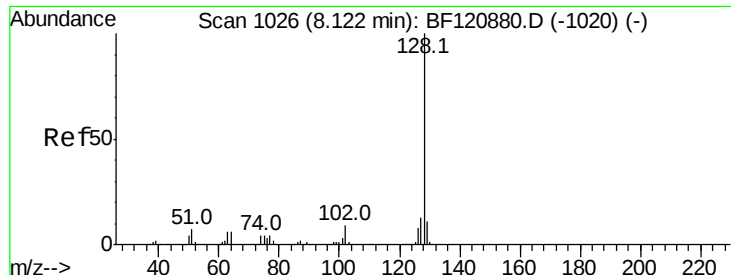
#30
 1,2,4-Trichlorobenzene
 Concen: 42.397 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	433132		
182	95.7	75.0	112.6	
145	29.7	23.5	35.3	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





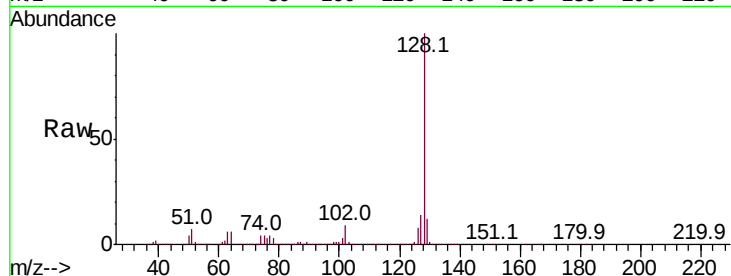
#31
Naphthalene
Concen: 41.347 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.7	16.1

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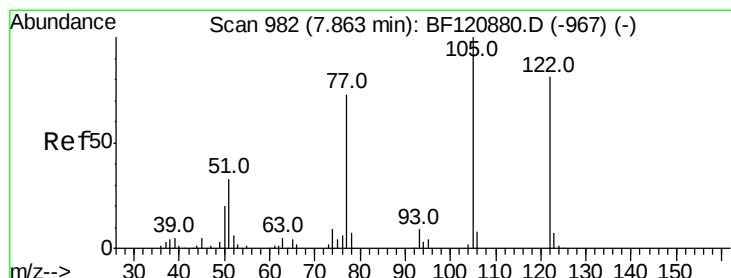
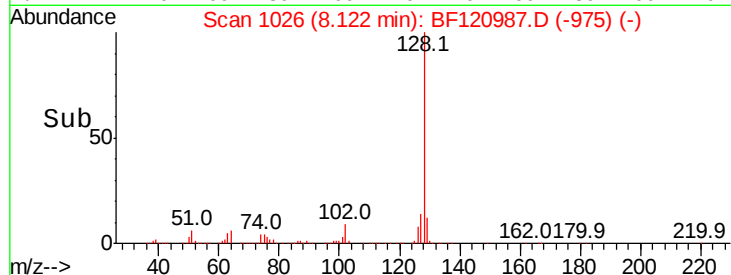
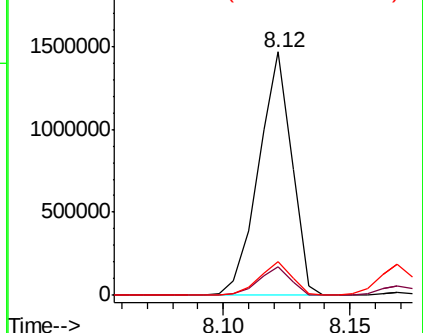


Abundance

Ion 128.00 (127.70 to 128.70): E

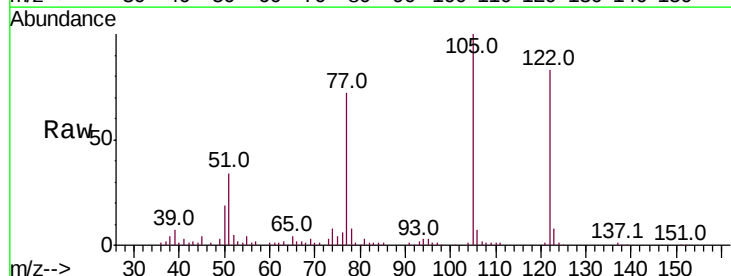
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.085 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	101.3	141.3
77	86.4	69.1	109.1

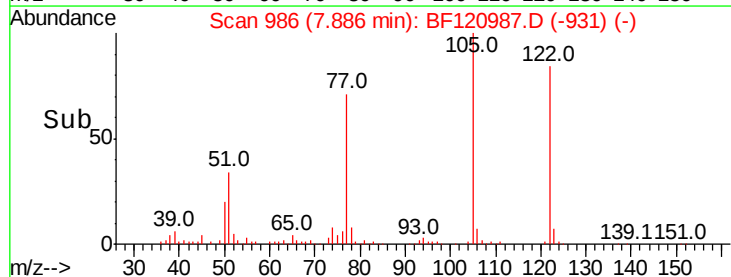
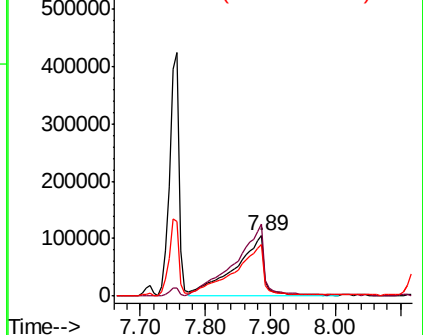


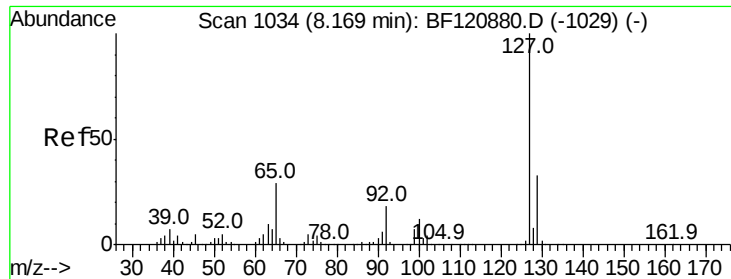
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





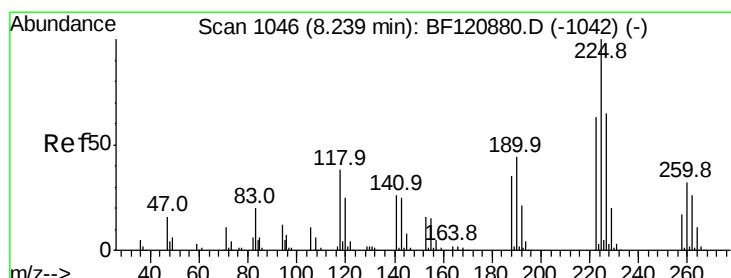
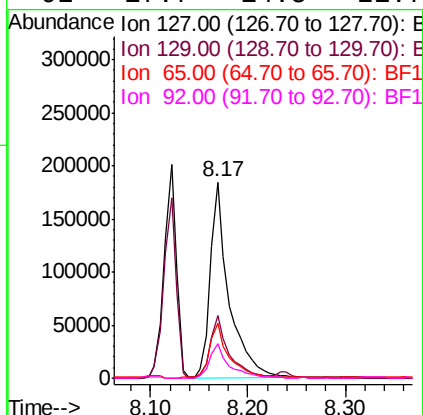
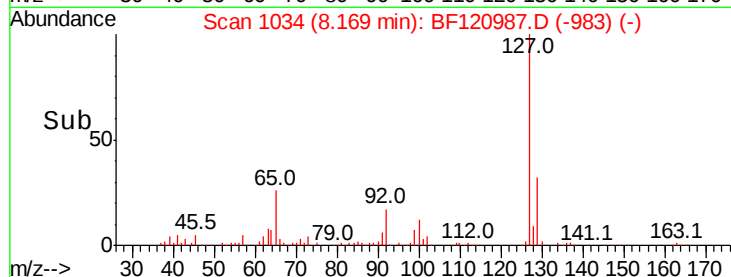
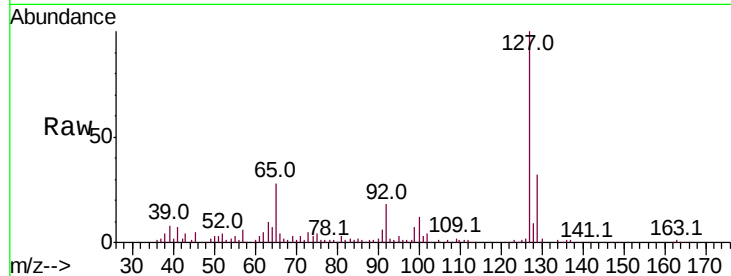
#33
4-Chloroaniline
Concen: 17.204 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.5	39.7	
65	28.4	23.0	34.4	
92	17.7	14.5	21.7	

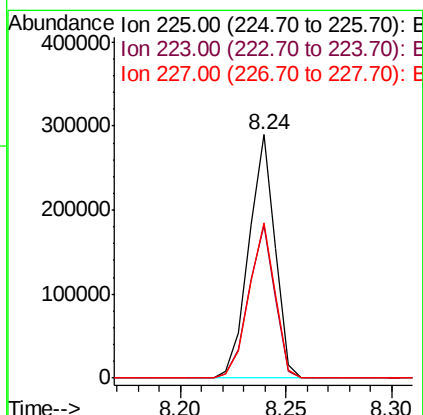
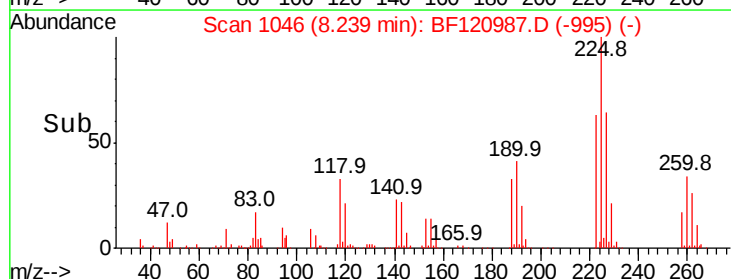
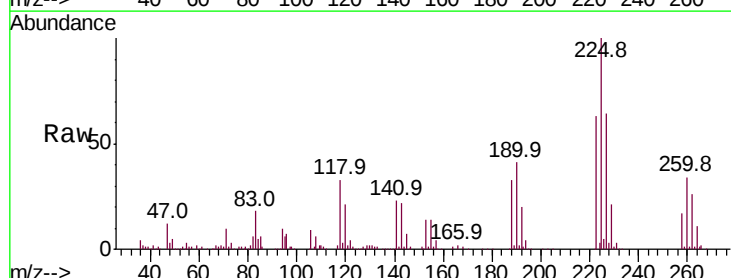
Manual Integrations
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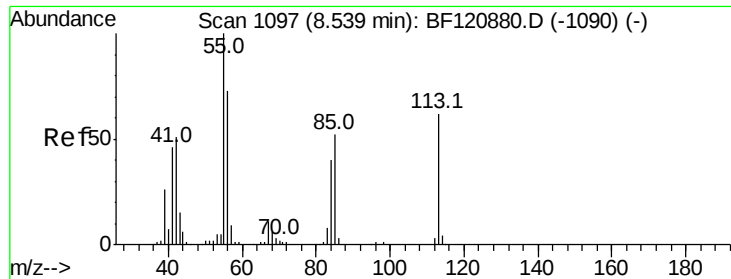
Sohil
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#34
Hexachlorobutadiene
Concen: 41.399 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.6	76.0	
227	64.0	52.2	78.2	





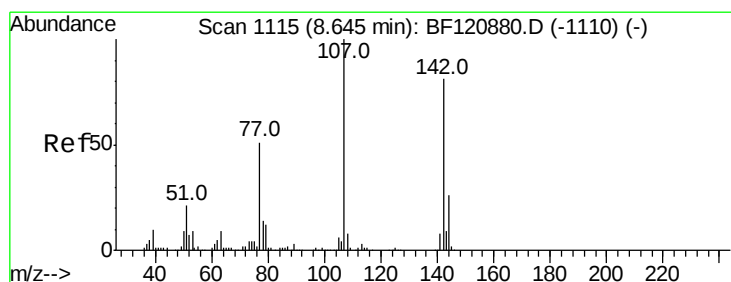
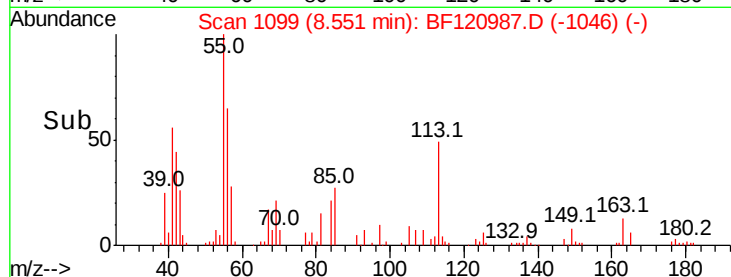
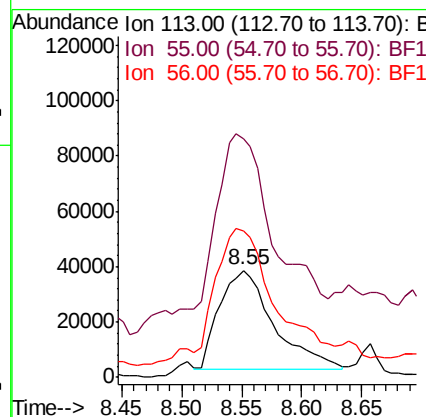
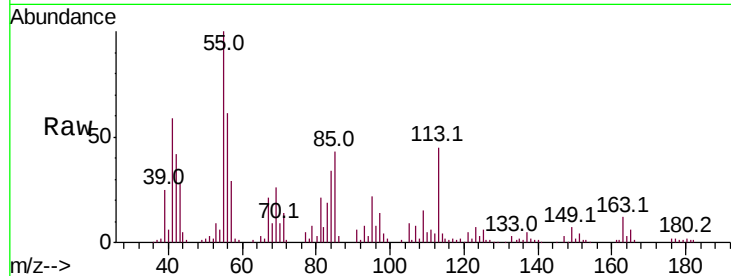
#35
 Caprolactam
 Concen: 37.855 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleID :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.5	143.3	183.3#
56	136.7	99.4	139.4

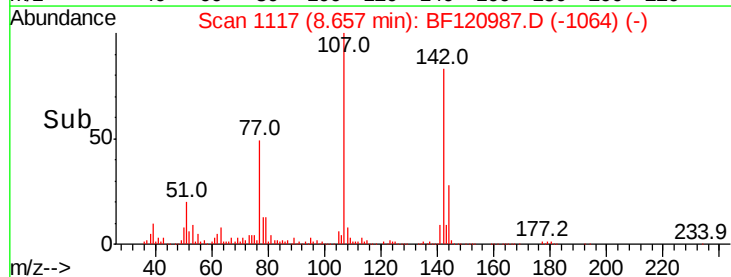
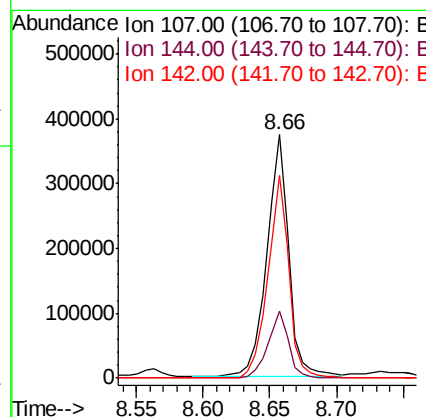
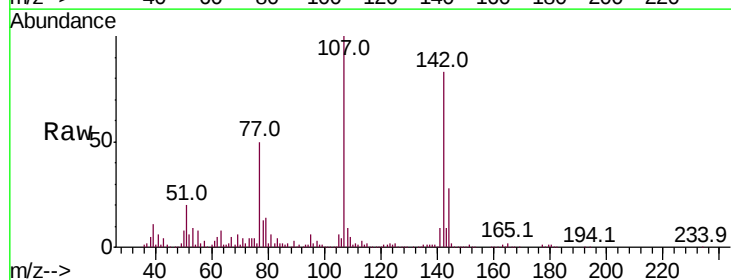
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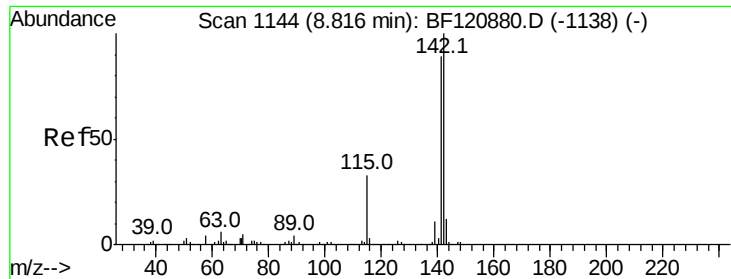
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.649 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.0	31.6
142	83.0	65.0	97.6





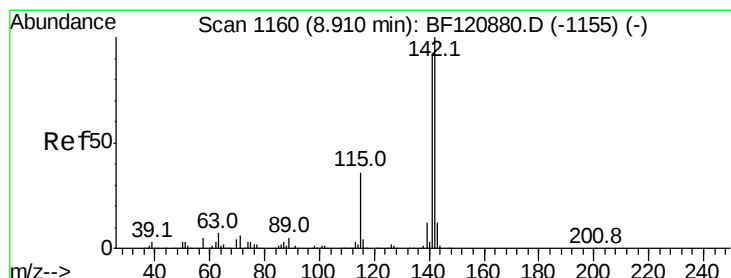
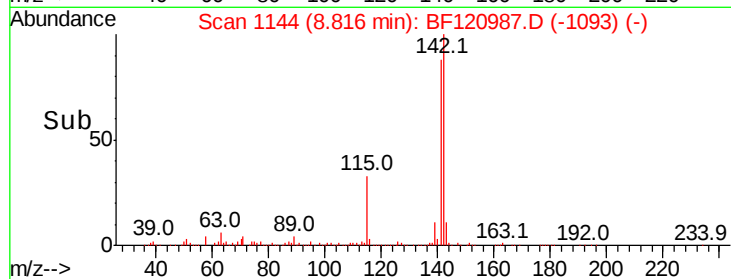
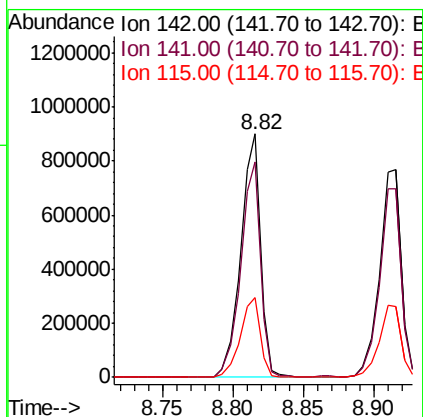
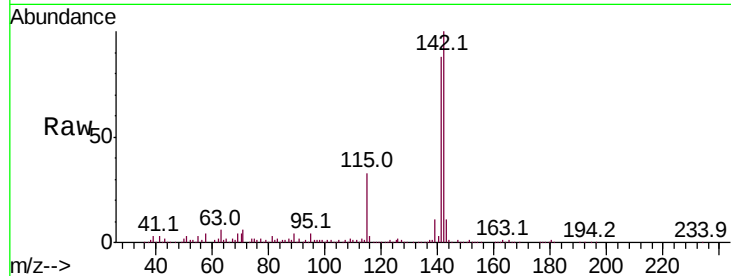
#37
2-Methylnaphthalene
Concen: 41.910 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	875725		
141	88.4		71.0	106.4
115	32.7		26.0	39.0

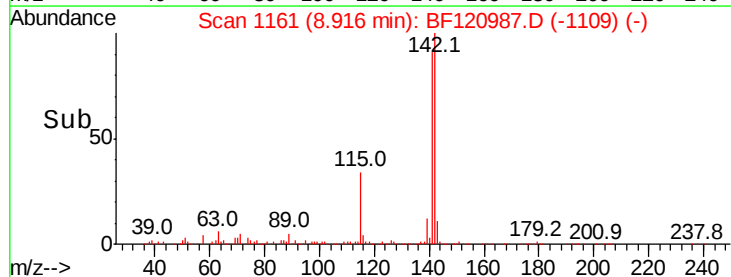
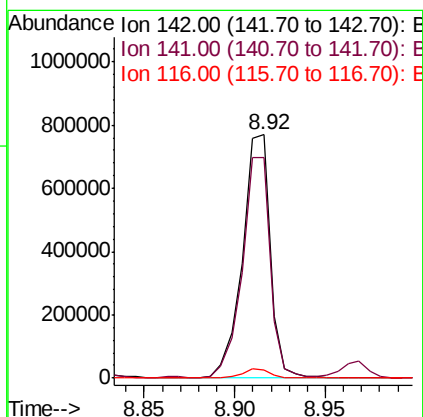
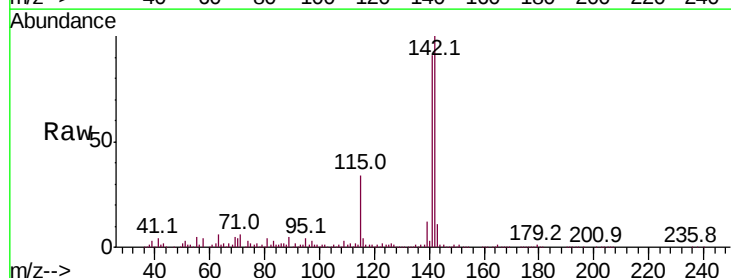
Manual Integrations
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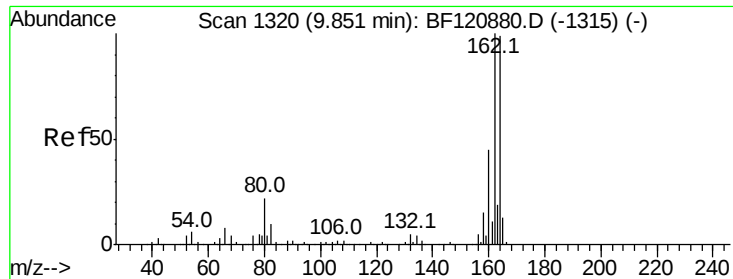
Sohil
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#38
1-Methylnaphthalene
Concen: 41.319 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	817716		
141	90.8		73.7	110.5
116	3.5		3.0	4.6





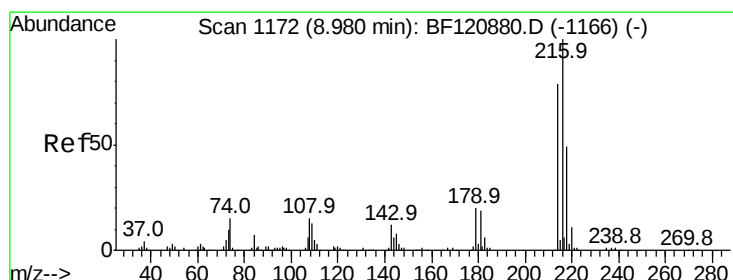
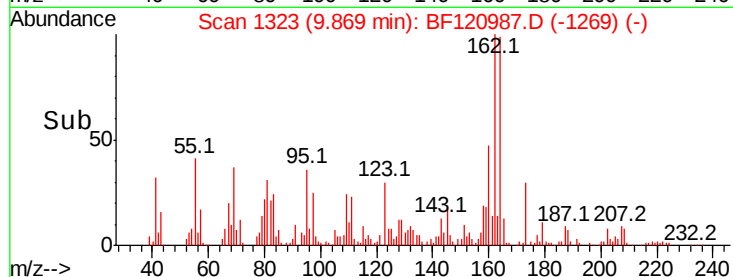
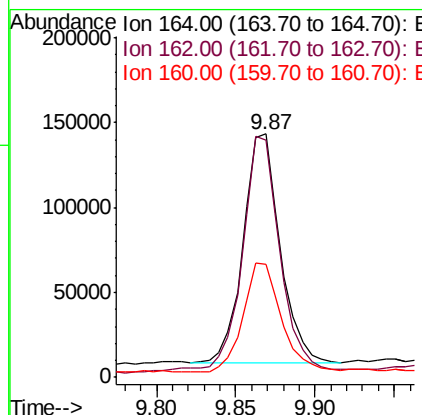
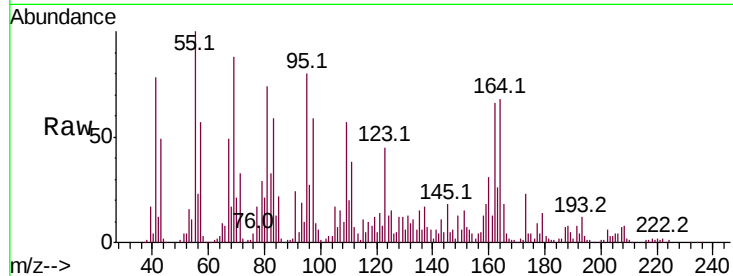
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	217265		
162	97.6	81.2	121.8	
160	46.4	36.9	55.3	

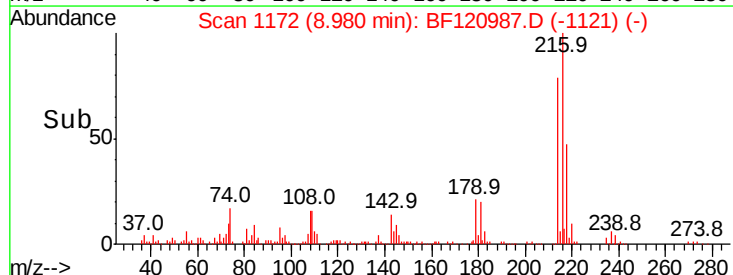
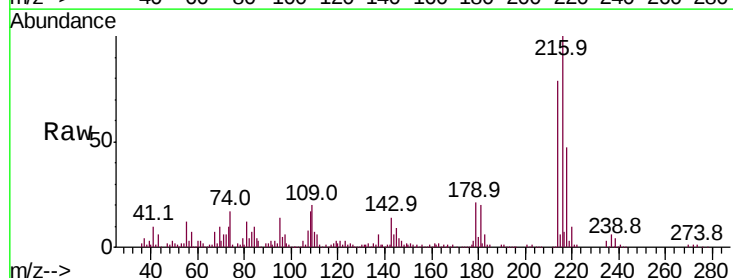
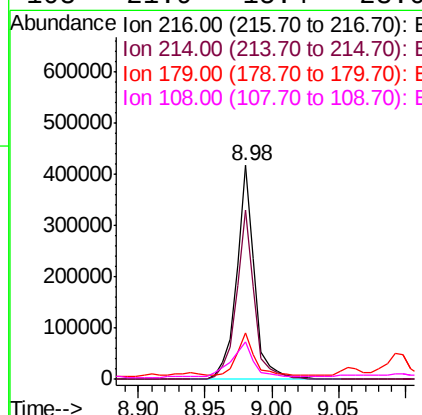
Manual Integrations
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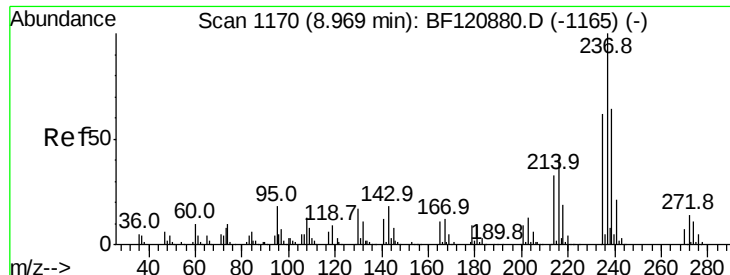
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.508 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	389357		
214	79.1	63.8	95.8	
179	19.5	16.6	24.8	
108	21.9	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 118.842 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

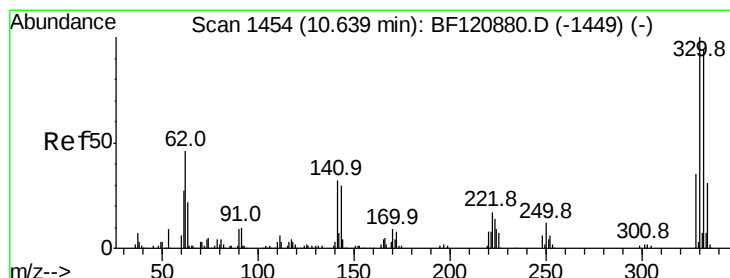
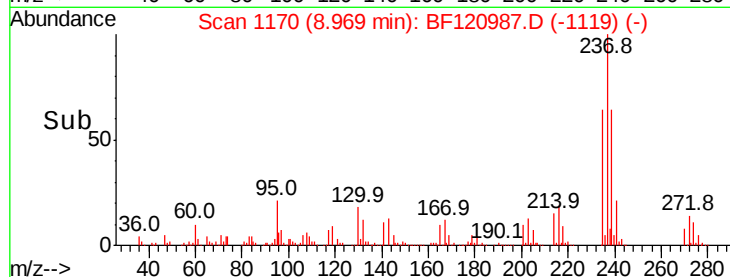
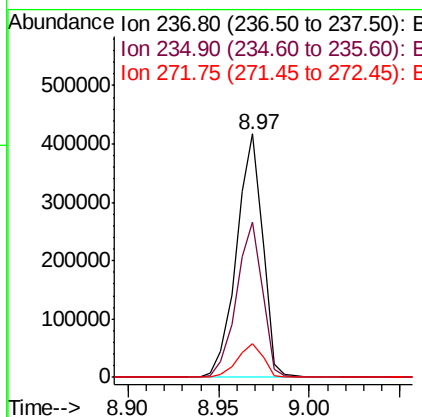
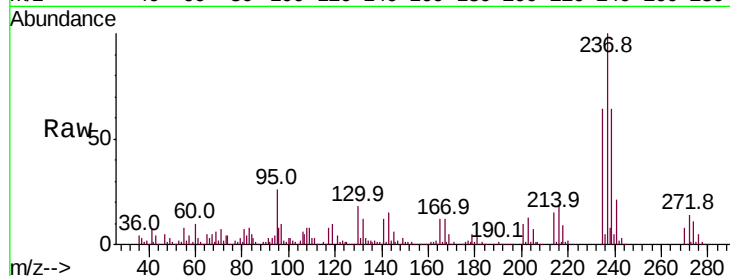
ClientSampleId :

VNJ-241MSD

Tot Ion:	237	Resp:	415774
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.6	81.6
272	13.9	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 110.464 ng

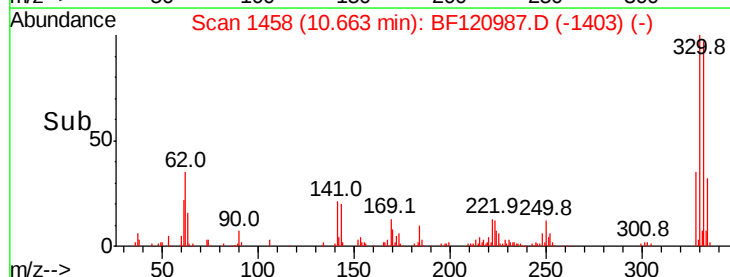
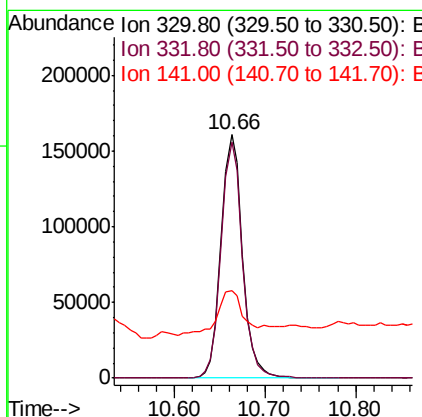
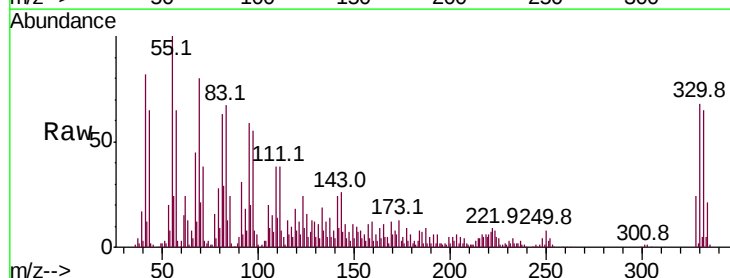
RT: 10.66 min Scan# 1458

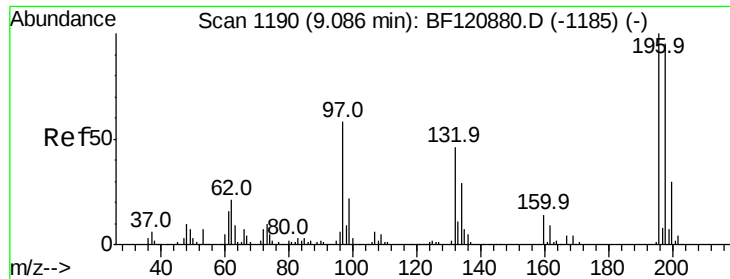
Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	330	Resp:	262703
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.5	113.3
141	22.4	25.7	38.5#





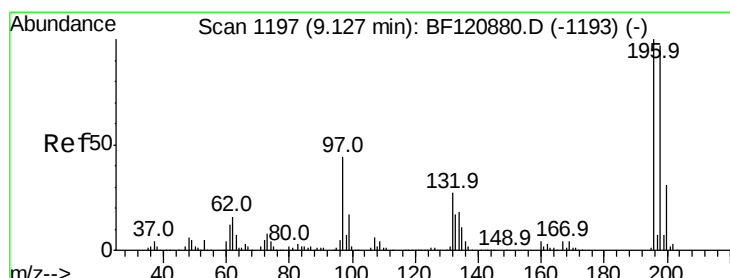
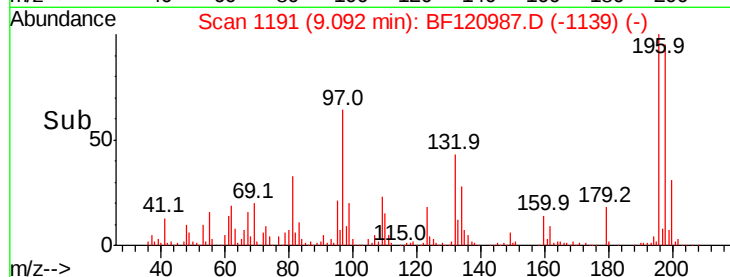
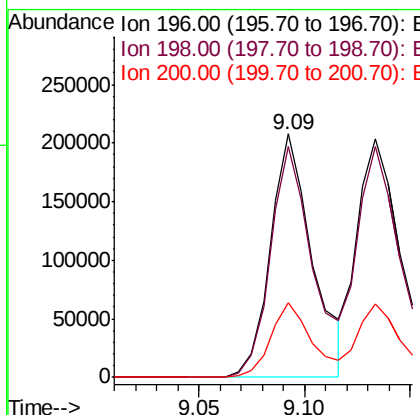
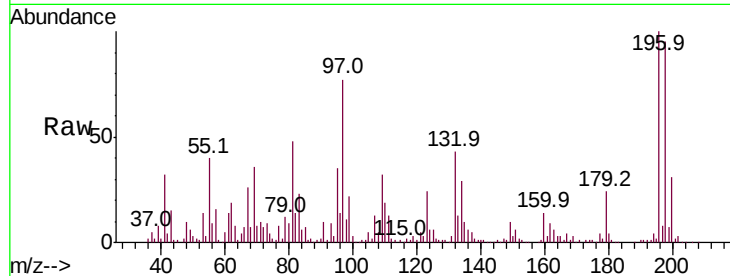
#43
2,4,6-Trichlorophenol
Concen: 63.912 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	284858		
198	95.0	75.7	113.5	
200	30.8	24.4	36.6	

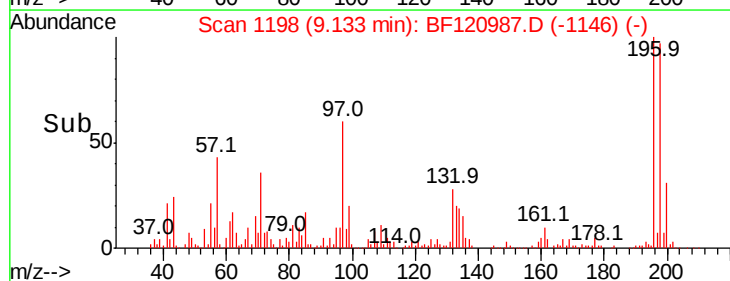
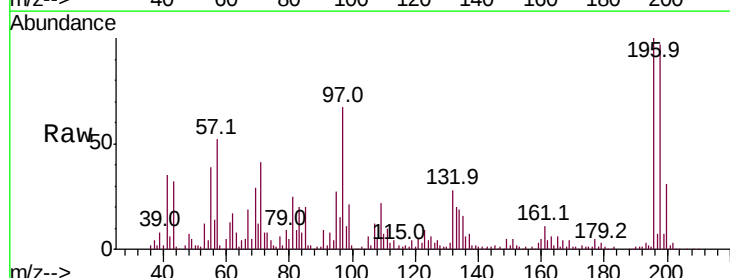
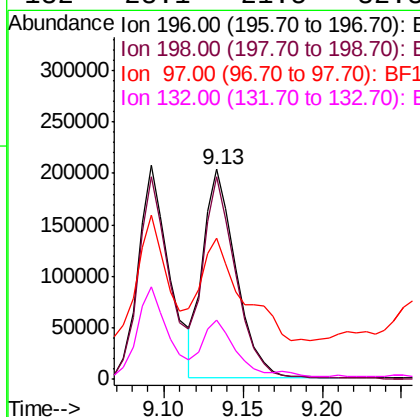
Manual Integrations
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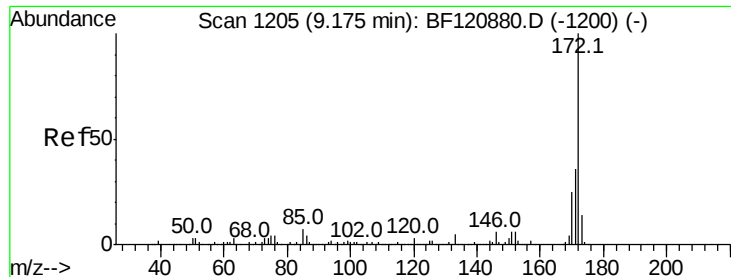
Sohil
7/24/2020 12:12:15 PM



#44
2,4,5-Trichlorophenol
Concen: 58.114 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293806		
198	96.6	77.6	116.4	
97	67.1	35.6	53.4	
132	28.1	21.5	32.3	





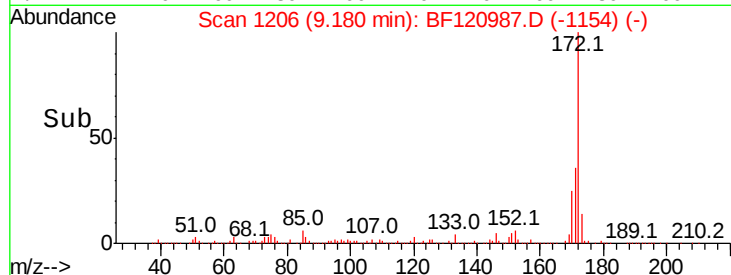
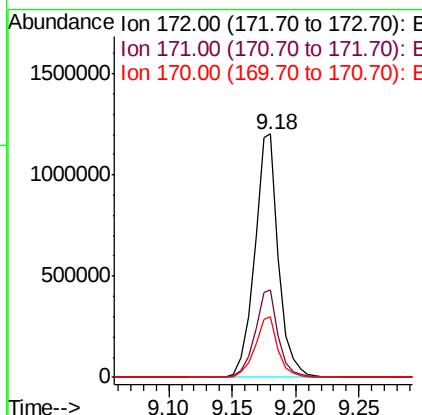
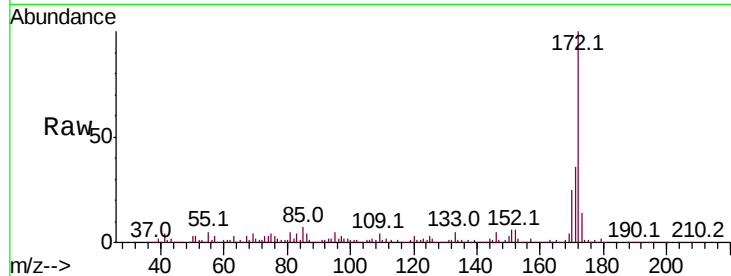
#45
2-Fluorobiphenyl
Concen: 107.796 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.8	19.6	29.4

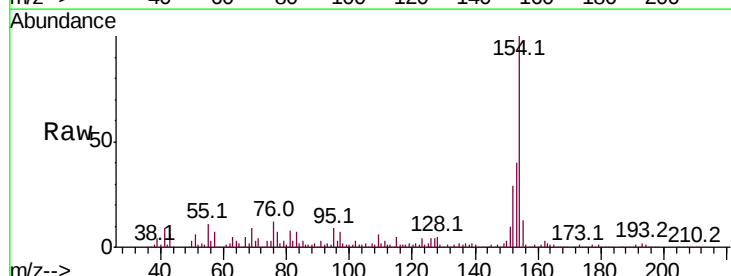
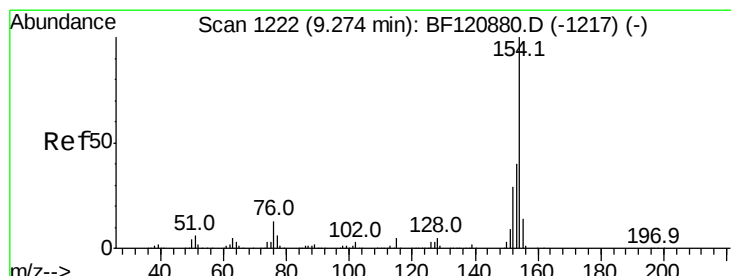
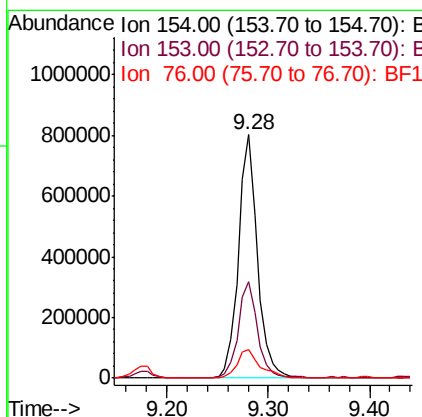
Manual Integrations
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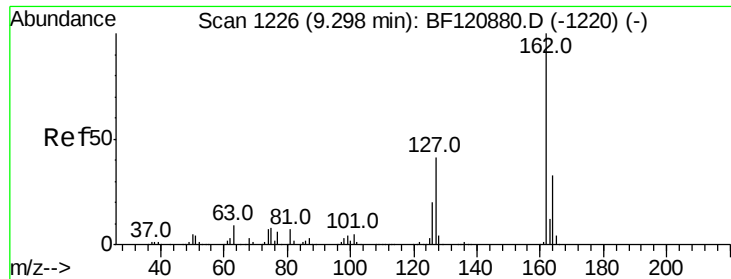
Sohil
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#46
1,1'-Biphenyl
Concen: 62.424 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.4	60.4
76	11.9	0.0	33.1





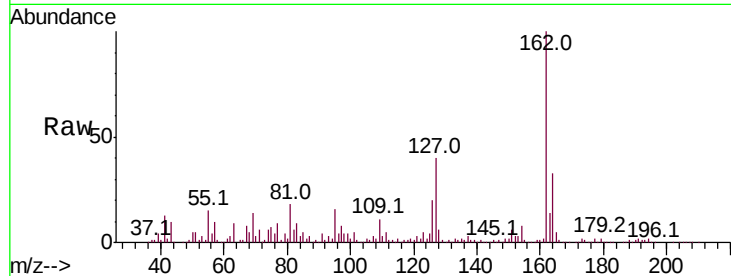
#47
 2-Chloronaphthalene
 Concen: 56.610 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

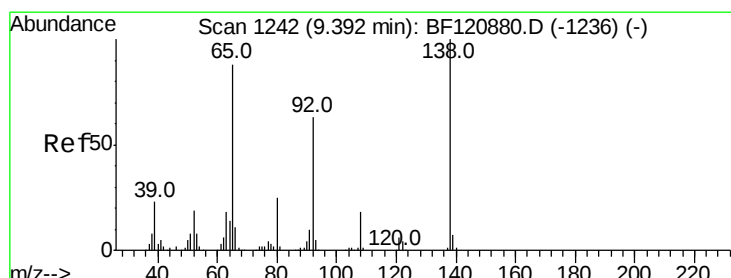
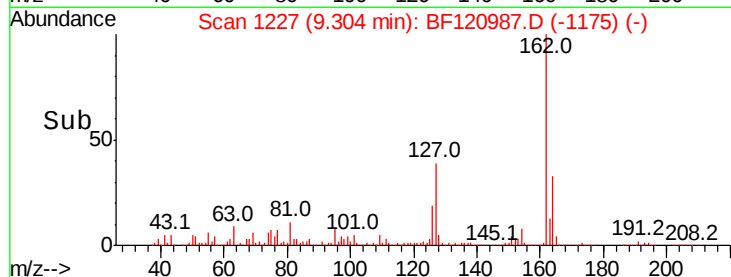
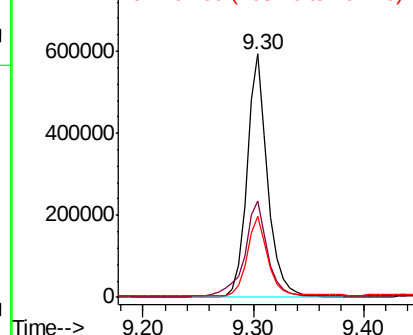
Tot Ion:162	Resp:	764915
Ion Ratio	Lower	Upper
162 100		
127 39.5	33.3	49.9
164 33.4	26.6	39.8

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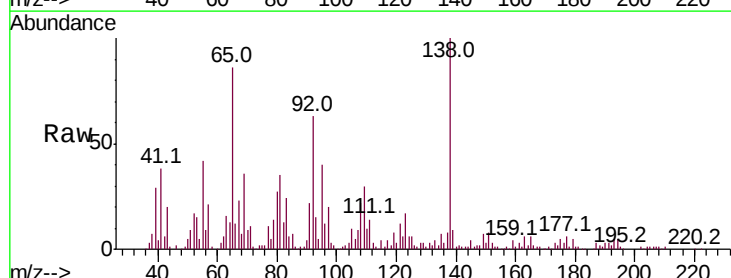


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

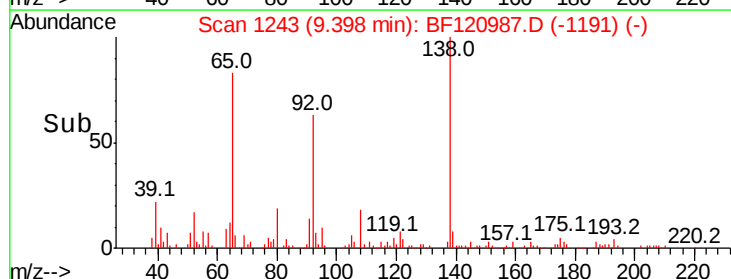
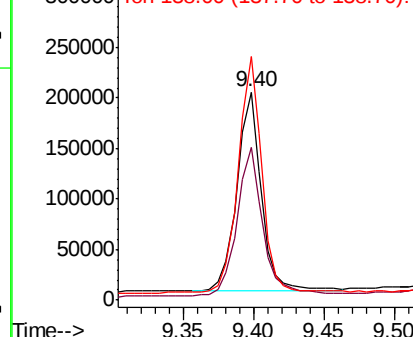


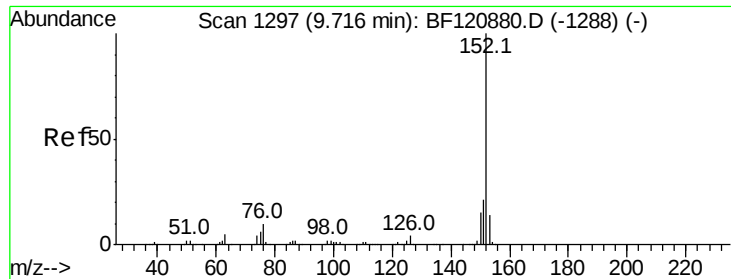
#48
 2-Nitroaniline
 Concen: 58.619 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion: 65	Resp:	239364
Ion Ratio	Lower	Upper
65 100		
92 73.3	57.0	85.4
138 116.9	90.4	135.6



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





#49

Acenaphthylene

Concen: 53.205 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

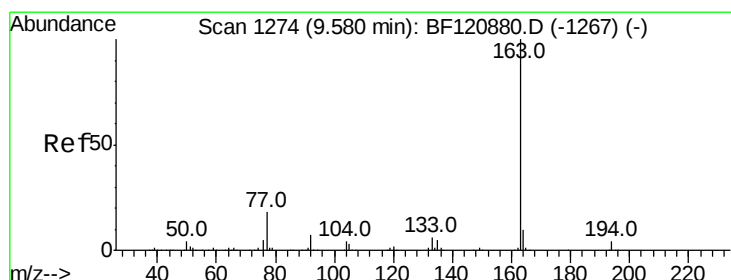
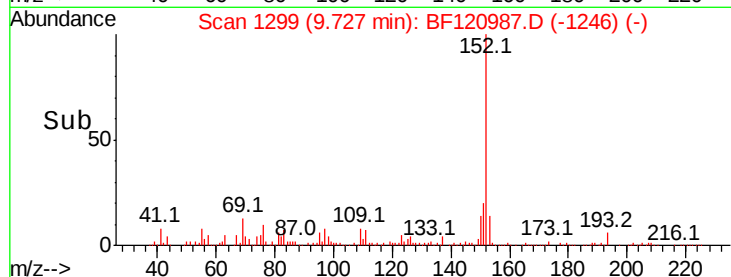
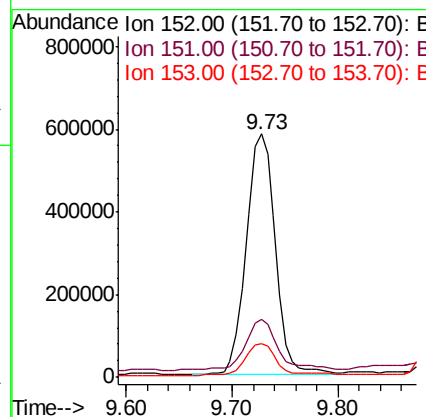
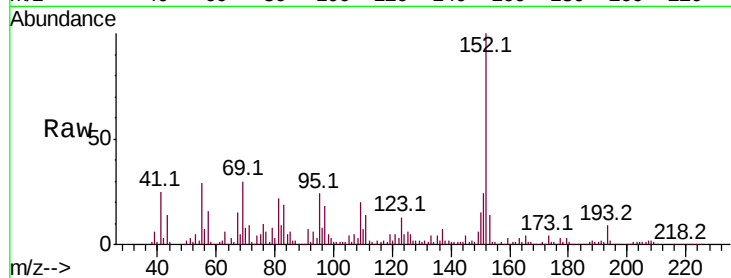
ClientSampleId :

VNJ-241MSD

Tot Ion:	152	Resp:	1116844
Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.6	25.0
153	14.1	10.9	16.3

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#50

Dimethylphthalate

Concen: 63.704 ng

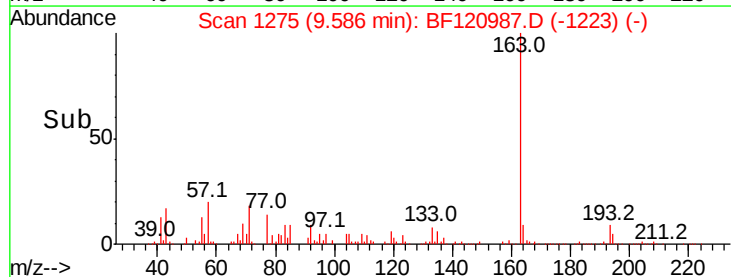
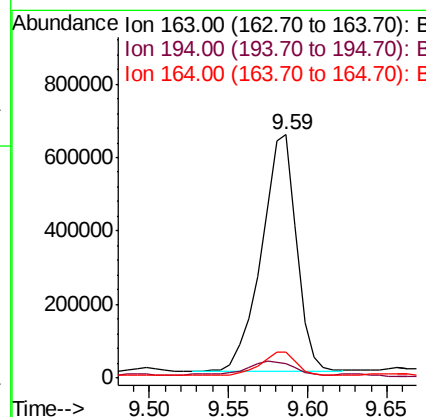
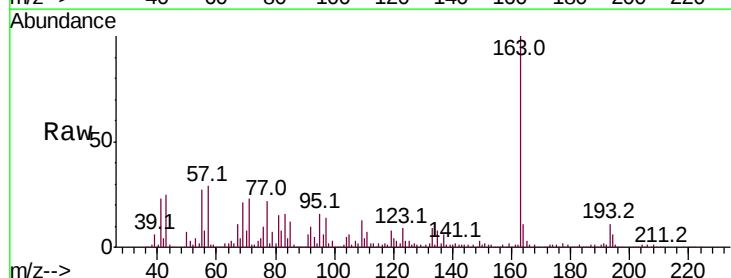
RT: 9.59 min Scan# 1275

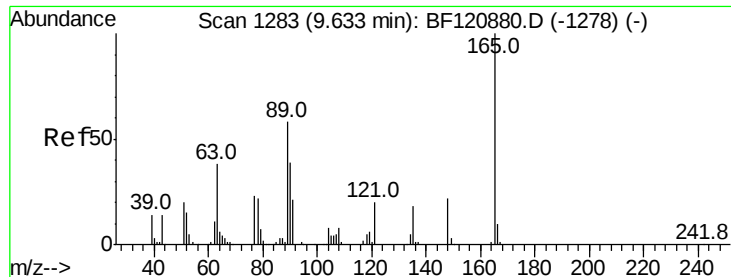
Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	163	Resp:	998522
Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.2	4.8#
164	10.8	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 59.532 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampled :

VNJ-241MSD

Tot Ion:165 Resp: 200472

Ion Ratio Lower Upper

165 100

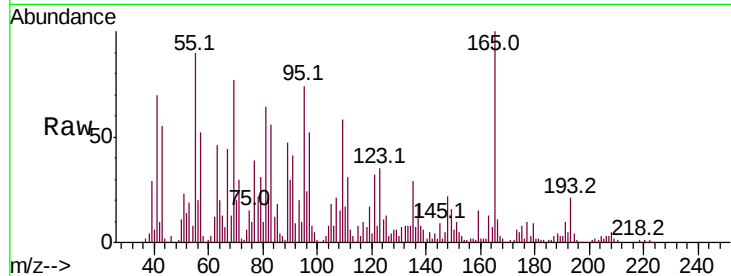
63 45.7 45.4 68.2

89 46.7 47.0 70.4#

Manual Integrations
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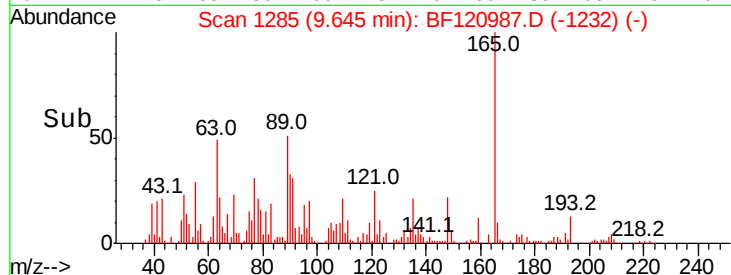


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->

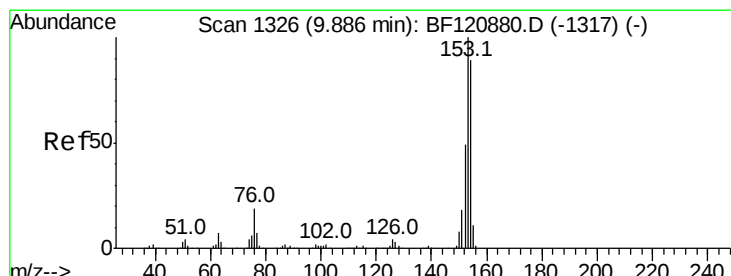


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 47.504 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

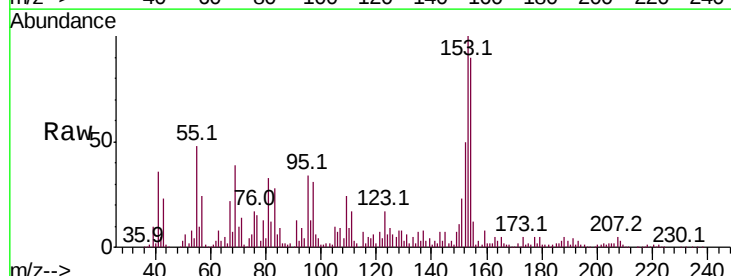
Tgt Ion:154 Resp: 633976

Ion Ratio Lower Upper

154 100

153 110.8 89.5 134.3

152 54.9 44.2 66.2

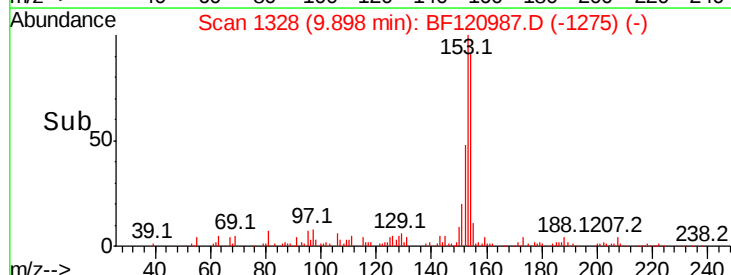


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

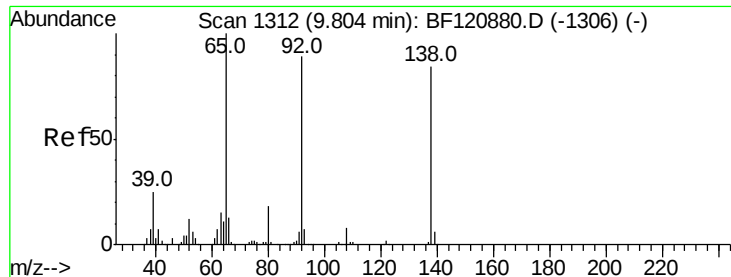


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



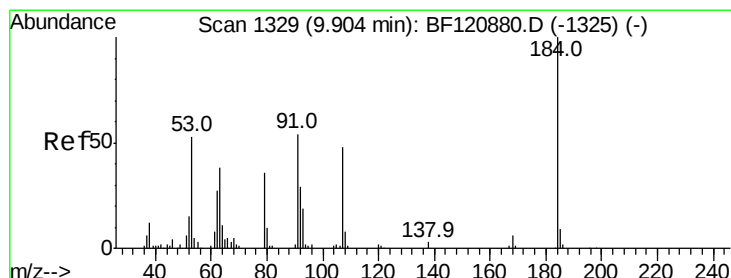
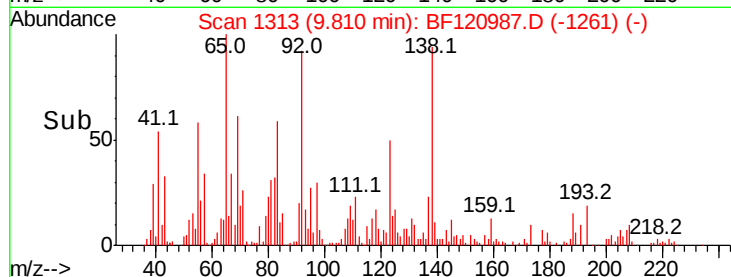
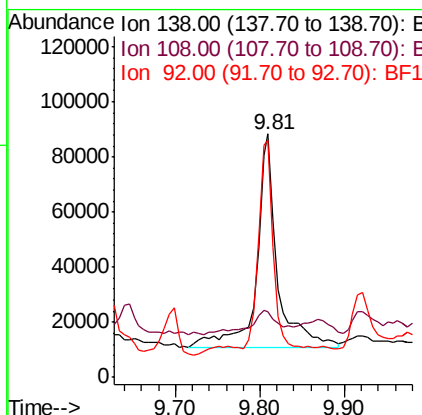
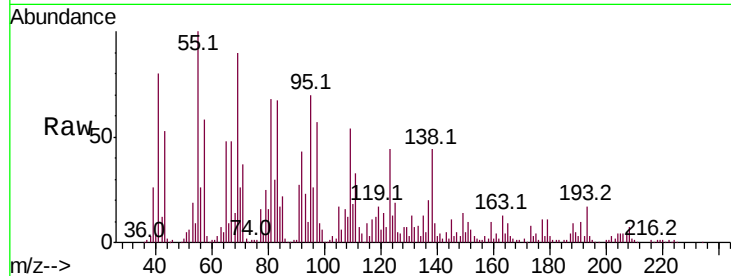
#53
3-Nitroaniline
Concen: 32.215 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion:138 Resp: 136060
Ion Ratio Lower Upper
138 100
108 26.8 7.9 11.9#
92 97.4 85.3 127.9

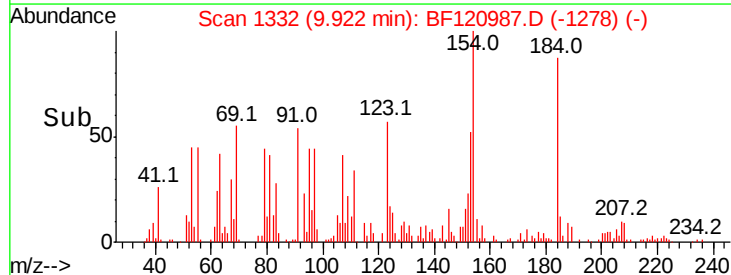
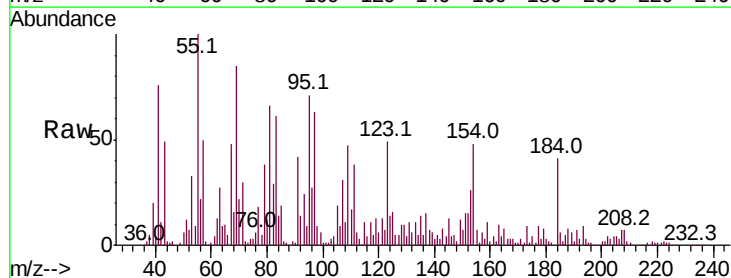
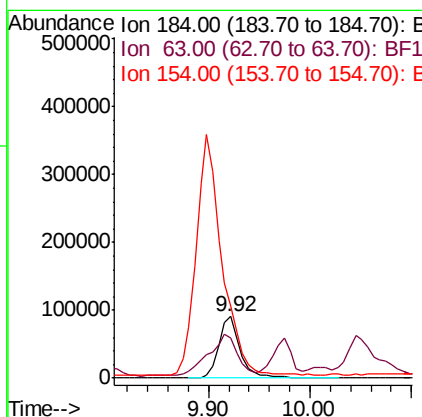
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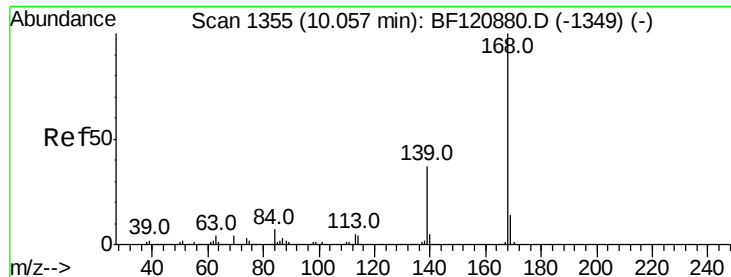
Sohil
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#54
2,4-Dinitrophenol
Concen: 69.701 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:184 Resp: 133238
Ion Ratio Lower Upper
184 100
63 64.8 57.9 86.9
154 116.9 52.6 78.8#





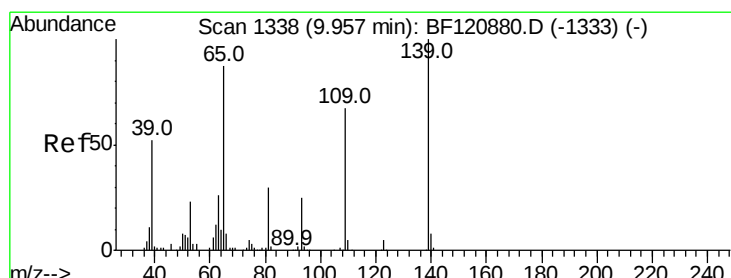
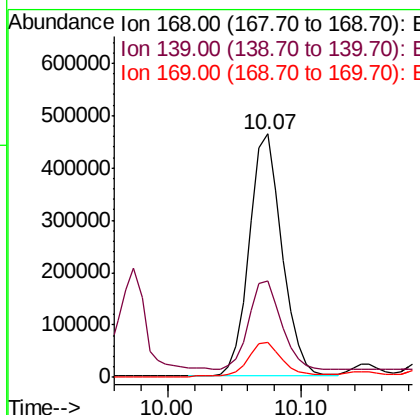
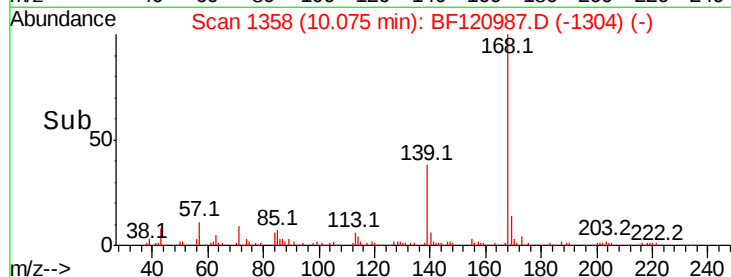
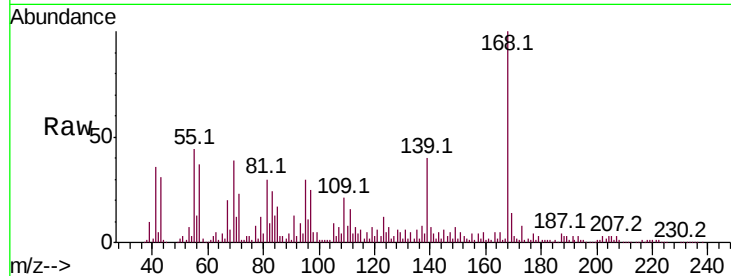
#55
Dibenzofuran
Concen: 40.457 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.7	44.5
169	14.3	11.1	16.7

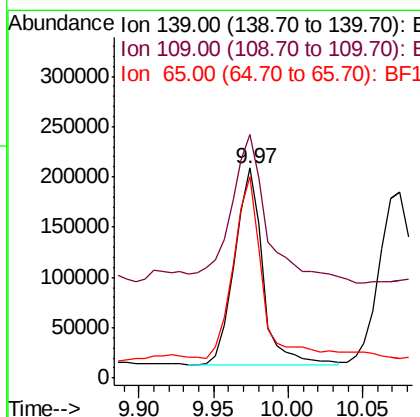
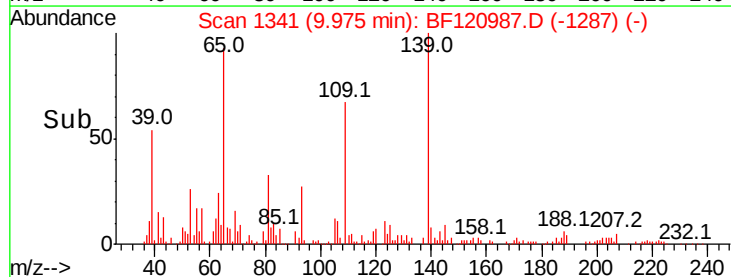
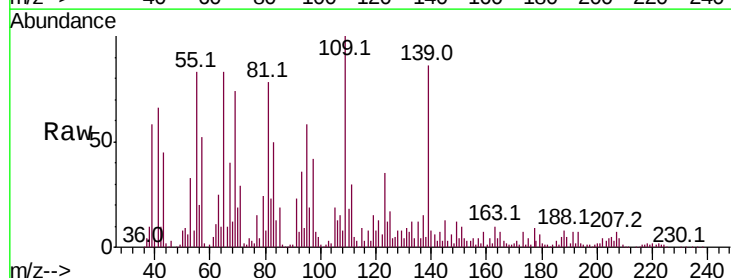
Manual Integrations
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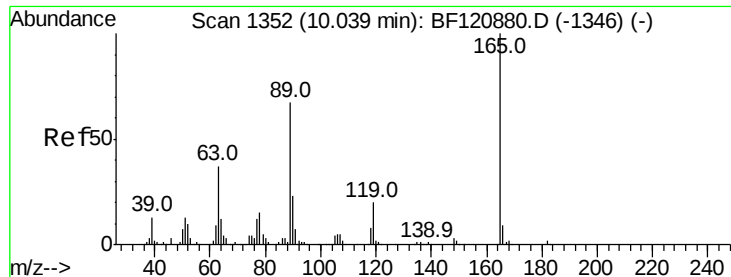
Sohil
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#56
4-Nitrophenol
Concen: 80.474 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.0	47.3	87.3#
65	95.9	67.2	107.2





#57

2,4-Dinitrotoluene

Concen: 42.439 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

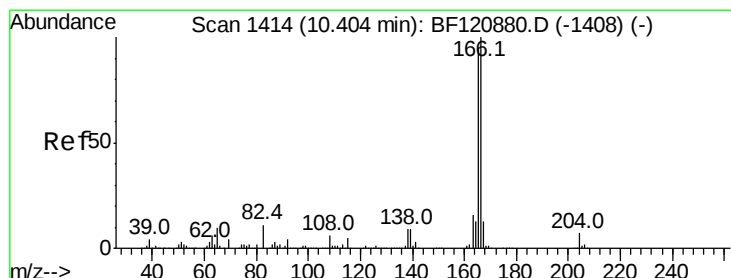
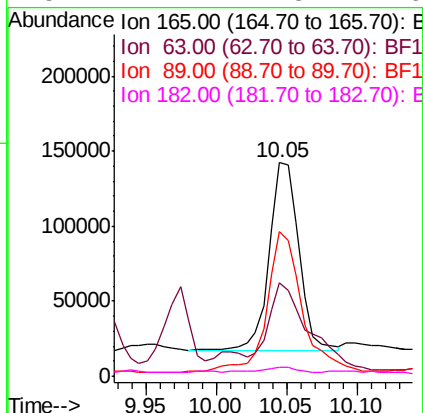
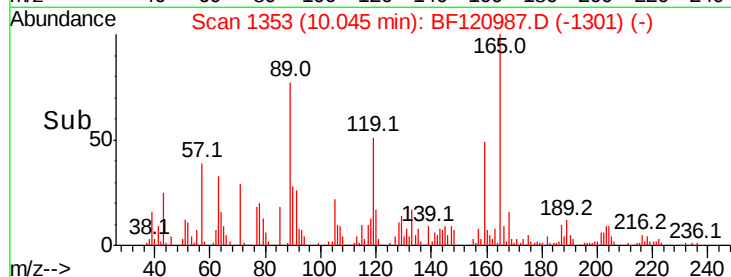
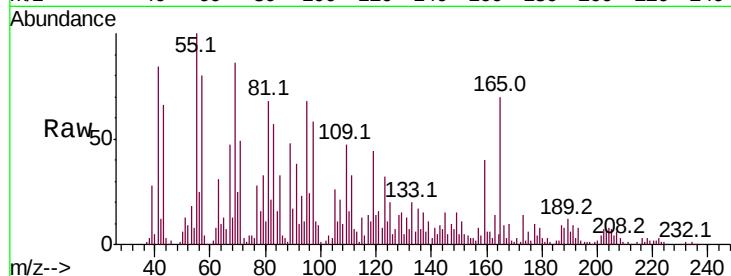
ClientSampleId :

VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	29.4	44.2	
89	67.4	53.4	80.0	
182	4.2	1.8	2.6	

Manual Integrations
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#58

Fluorene

Concen: 30.502 ng

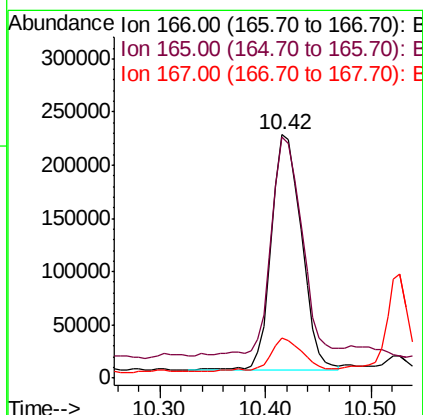
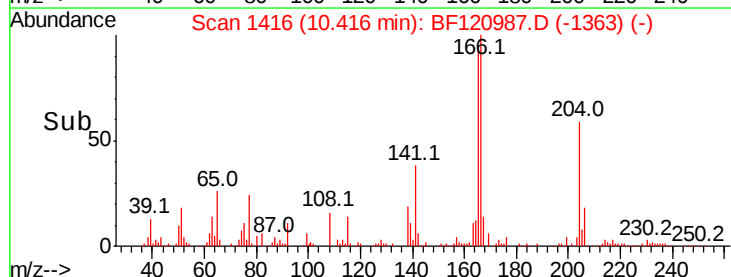
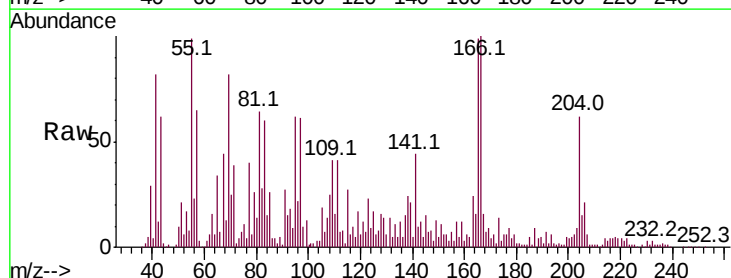
RT: 10.42 min Scan# 1416

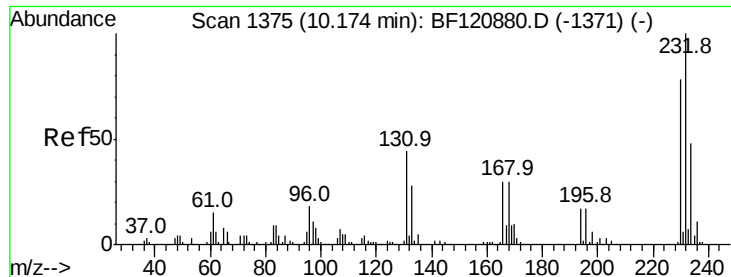
Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	75.4	113.0	
167	16.4	10.6	15.8	





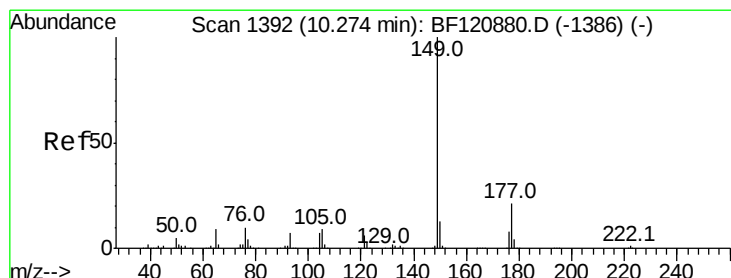
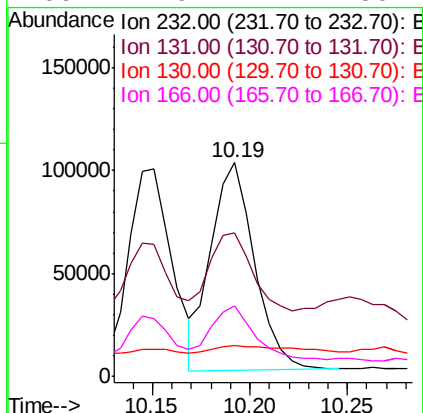
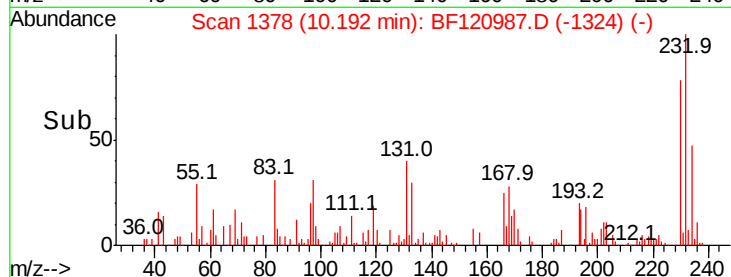
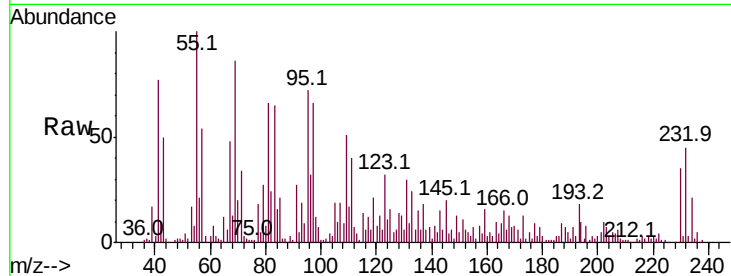
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.876 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.02 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampled :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.1	55.7
130	6.0	1.7	2.5
166	24.9	24.2	36.4

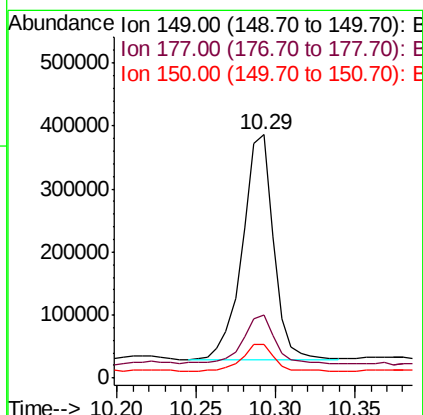
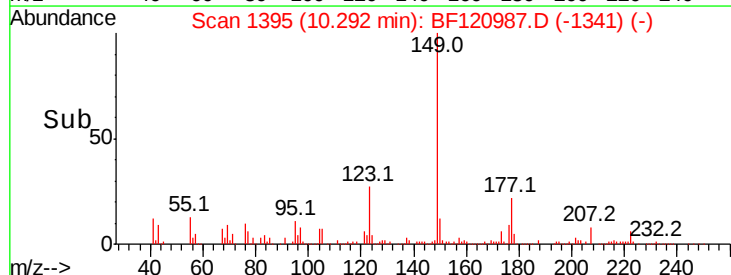
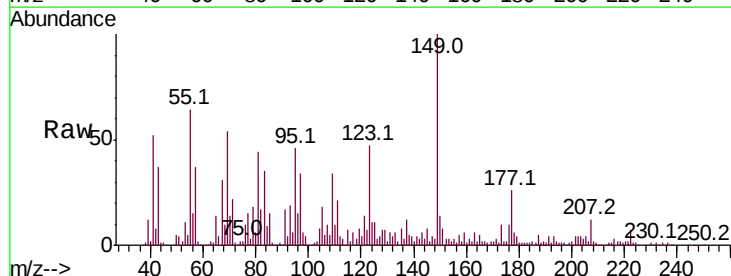
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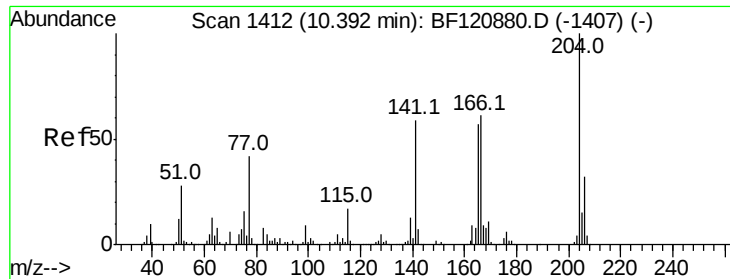
Sohil
 7/24/2020 12:12:15 PM



#60
 Diethylphthalate
 Concen: 30.832 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.02 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.7	17.1	25.7
150	14.0	10.3	15.5





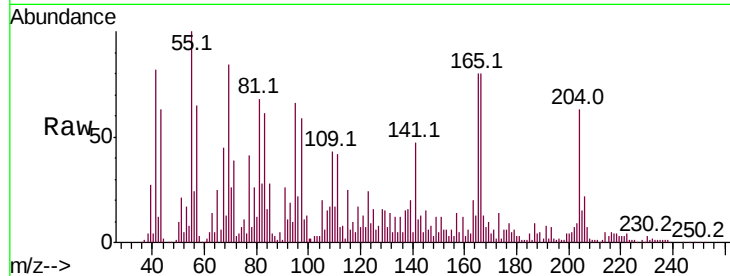
#61
4-Chlorophenyl-phenylether
Concen: 28.671 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

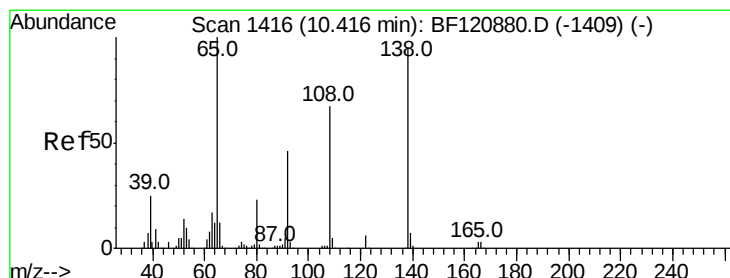
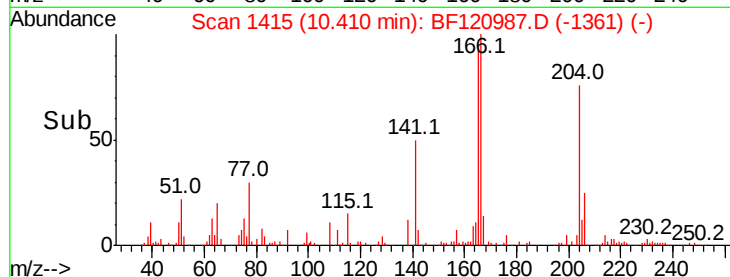
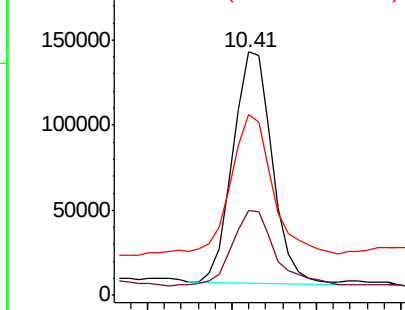
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.9	38.9
141	74.3	47.2	70.8

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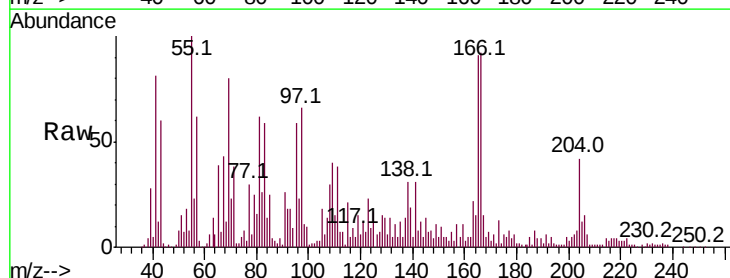


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

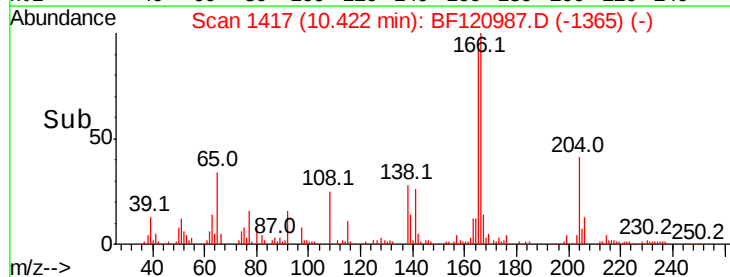
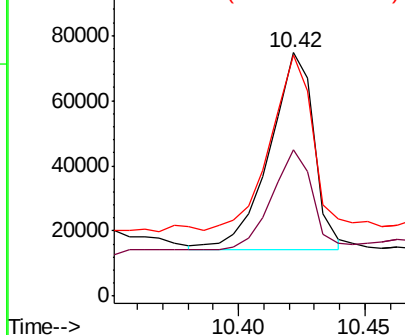


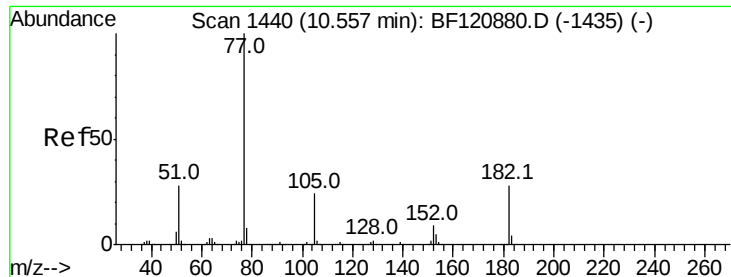
#62
4-Nitroaniline
Concen: 18.013 ng m
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	28.6	68.6
108	99.1	51.1	91.1



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





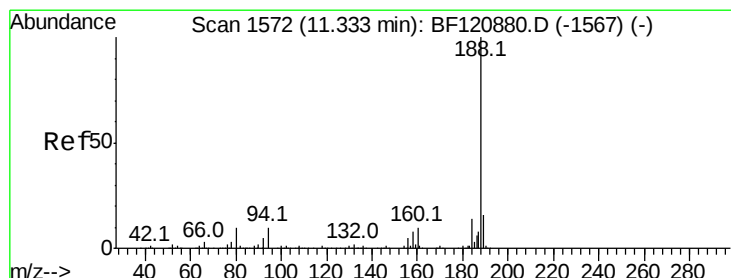
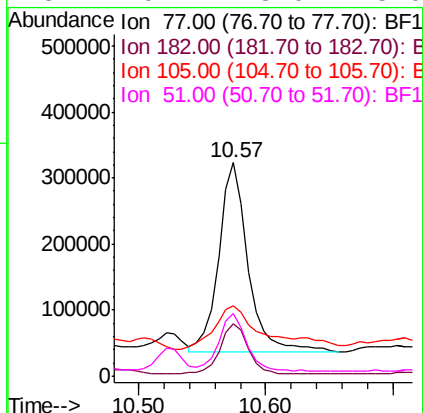
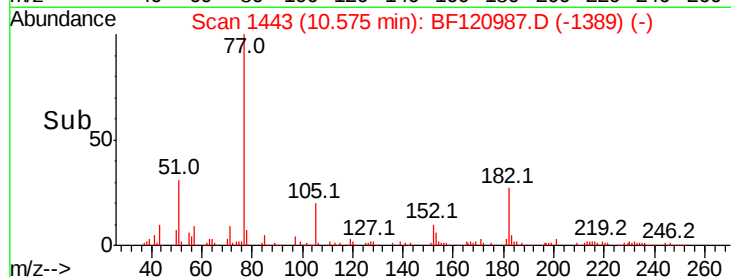
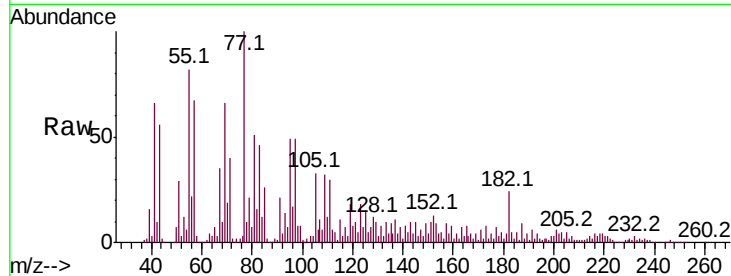
#63
Azobenzene
Concen: 30.630 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :
VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.4	7.8	47.8	
105	33.2	4.4	44.4	
51	29.2	8.0	48.0	

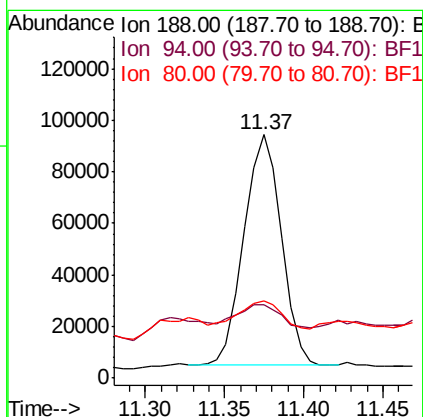
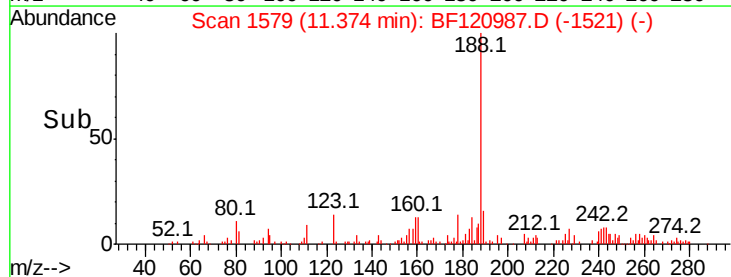
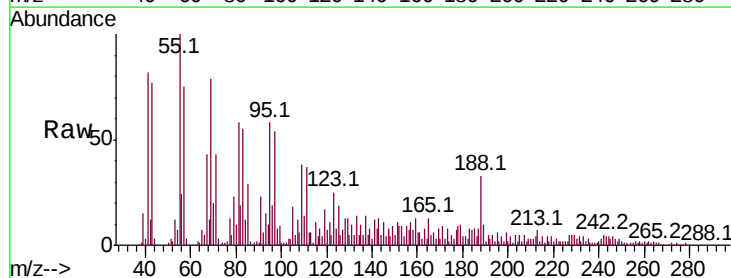
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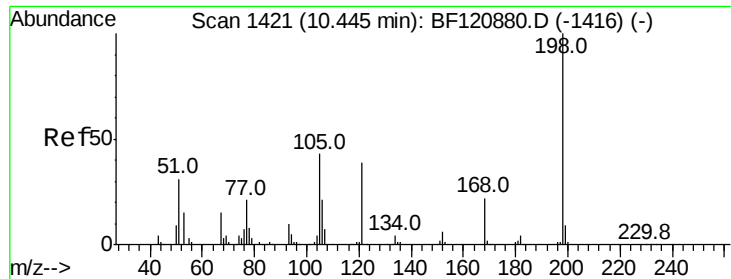
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.04 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	30.0	8.0	12.0#	
80	31.7	8.3	12.5#	





#65

4,6-Dinitro-2-methylphenol

Concen: 77.649 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

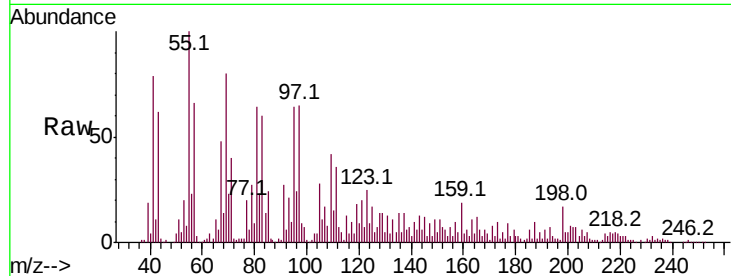
ClientSampled :

VNJ-241MSD

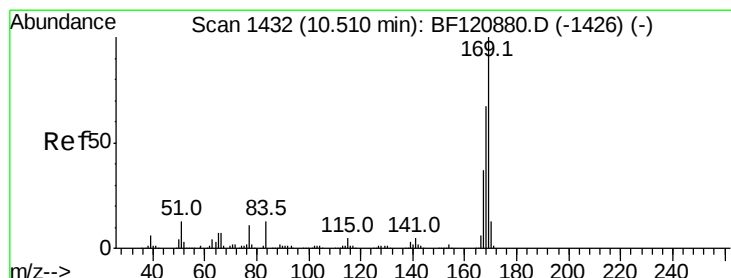
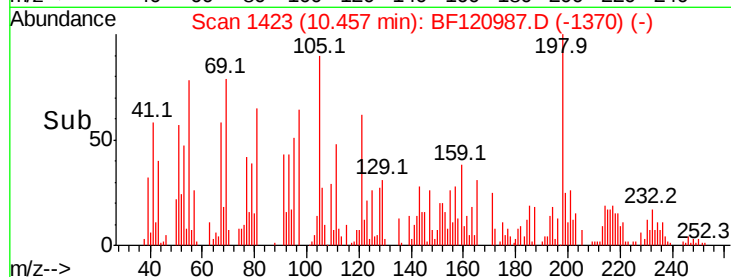
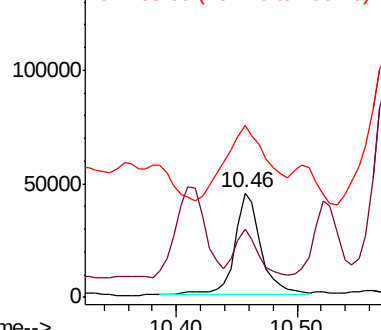
Tot Ion:	198	Resp:	68228
Ion Ratio	Lower	Upper	
198	100		
51	65.2	19.5	59.5#
105	164.8	24.4	64.4#

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 83.794 ng

RT: 10.53 min Scan# 1435

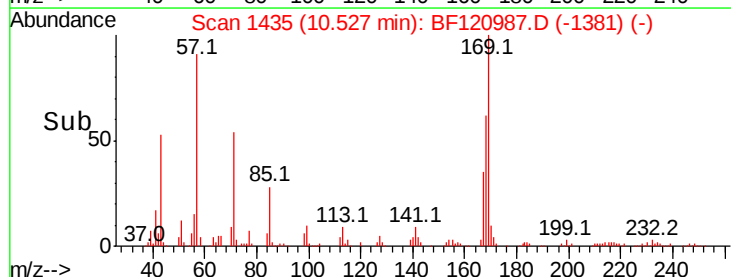
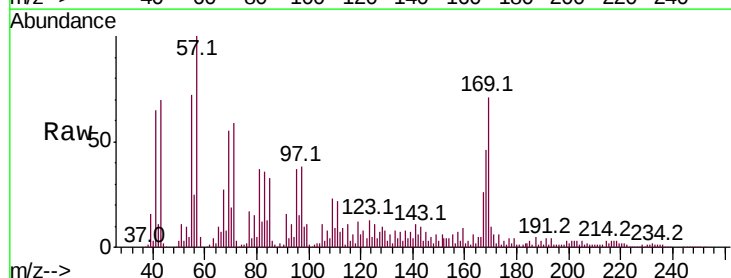
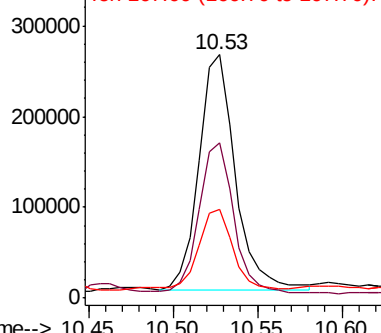
Delta R.T. 0.02 min

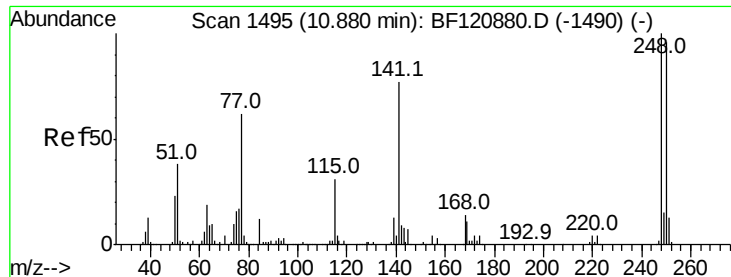
Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	169	Resp:	387327
Ion Ratio	Lower	Upper	
169	100		
168	63.8	53.4	80.0
167	36.6	29.4	44.0

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





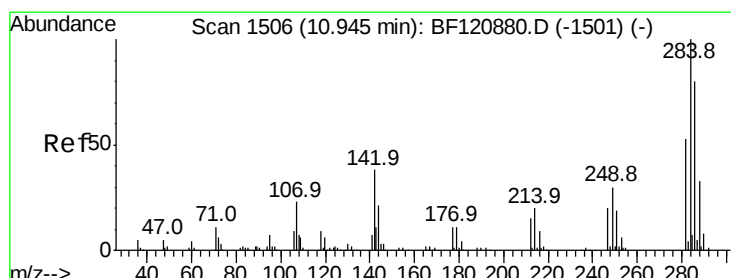
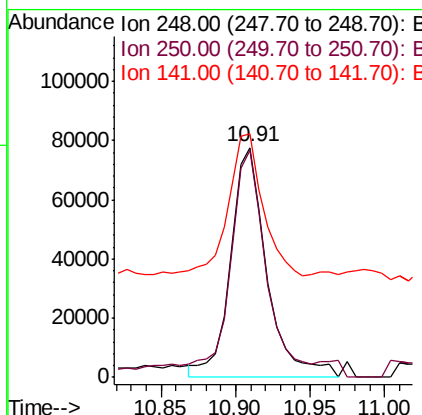
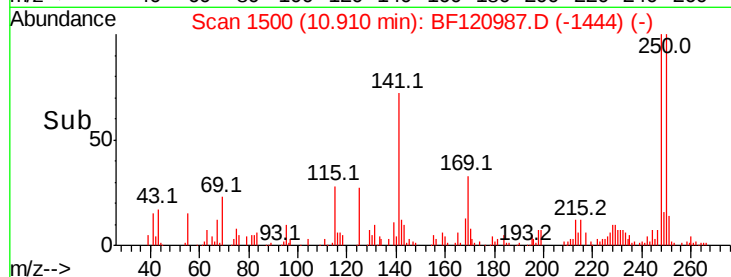
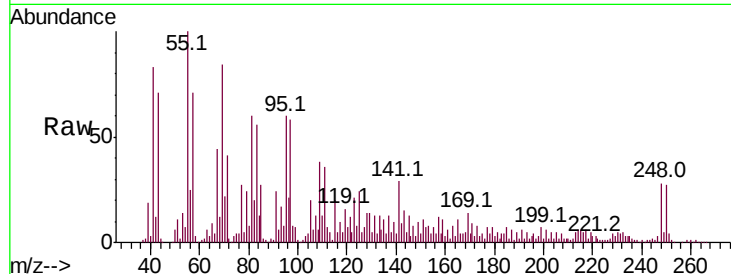
#67
 4-Bromophenyl-phenylether
 Concen: 80.786 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampled :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	105.8	61.2	91.8#

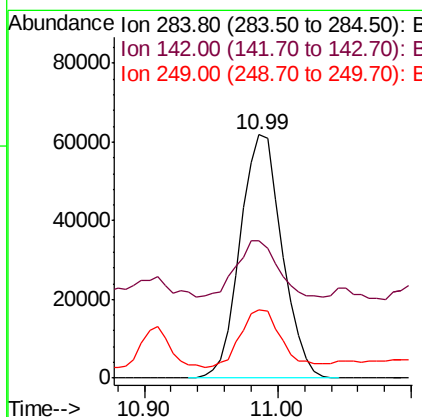
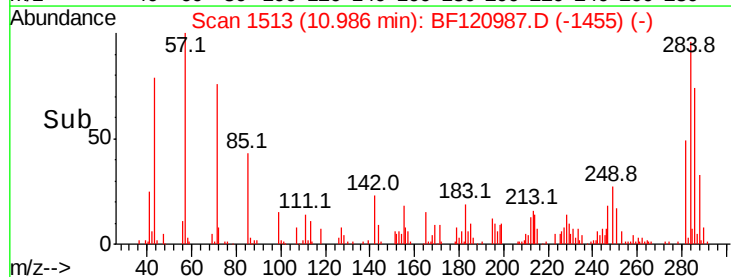
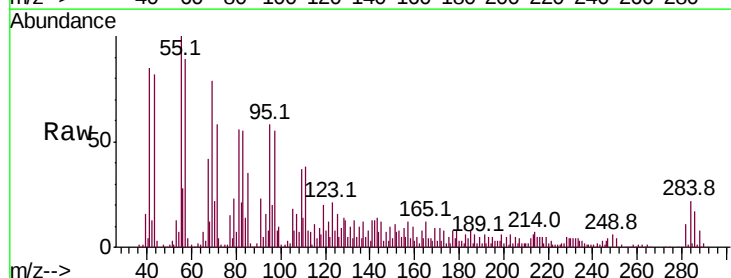
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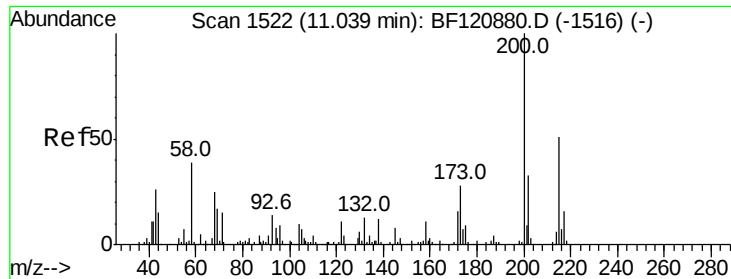
Sohil
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#68
 Hexachlorobenzene
 Concen: 75.693 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.04 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	56.7	30.2	45.2#
249	27.8	24.2	36.2





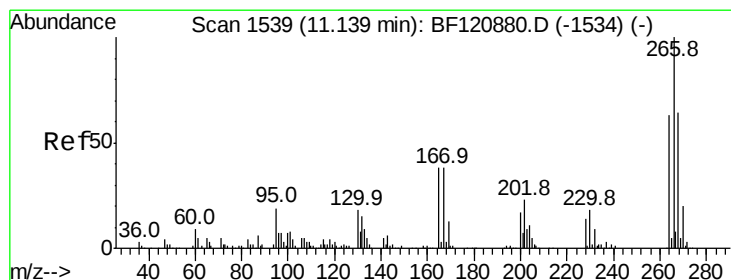
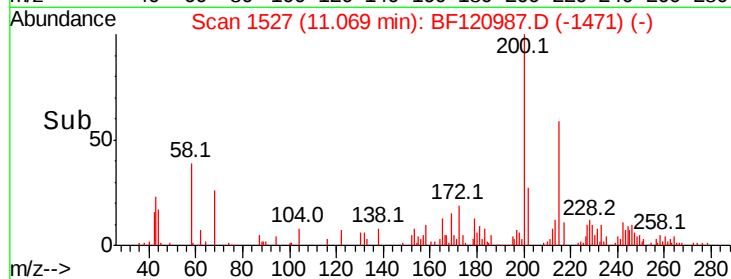
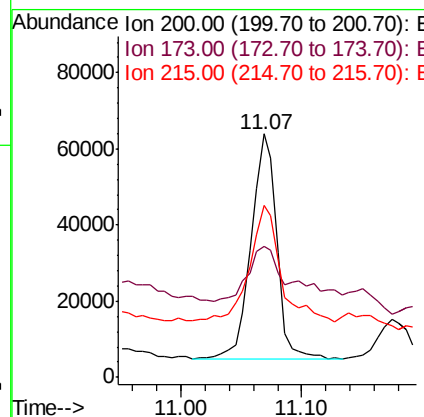
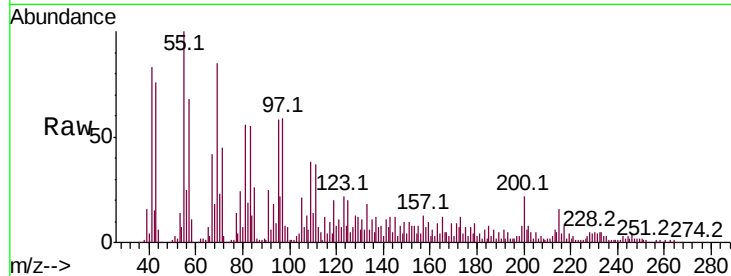
#69
 Atrazine
 Concen: 77.335 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	53.7	8.0	48.0#
215	70.8	31.5	71.5

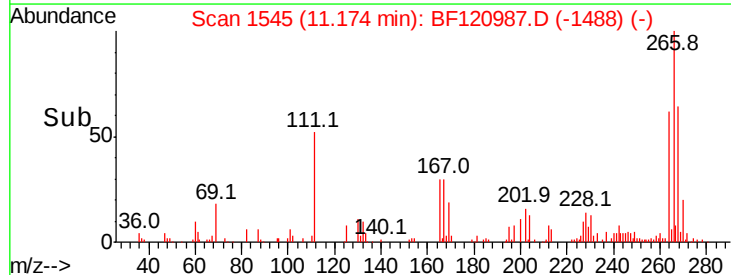
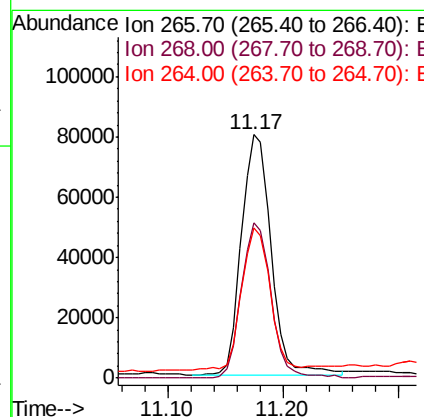
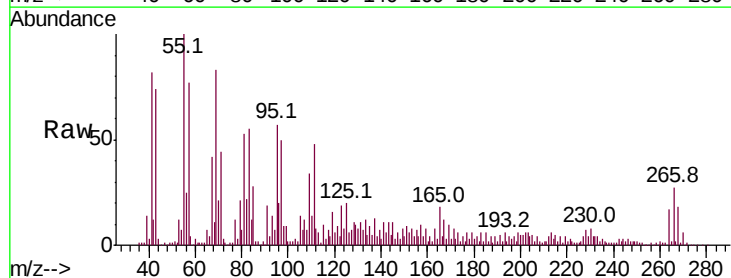
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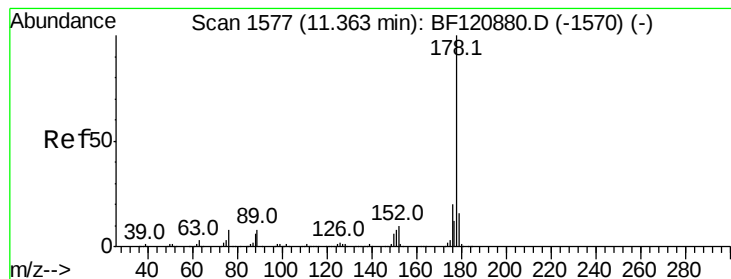
Sohil
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#70
 Pentachlorophenol
 Concen: 140.488 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.04 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	61.7	50.2	75.2





#71

Phenanthrene

Concen: 44.331 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

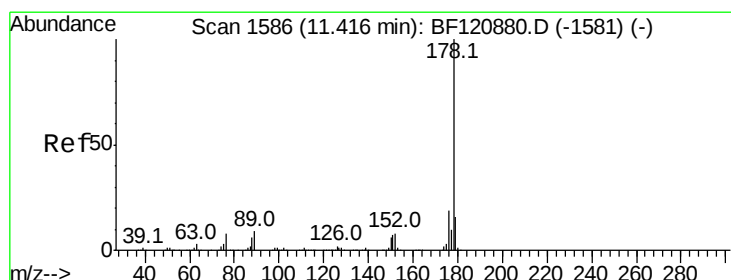
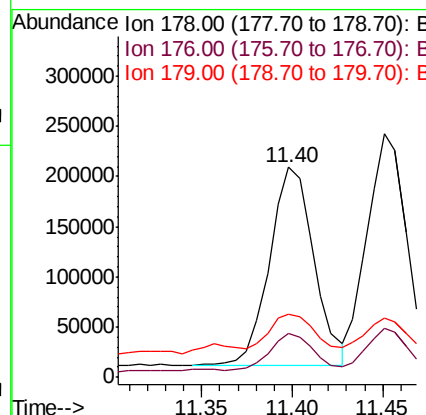
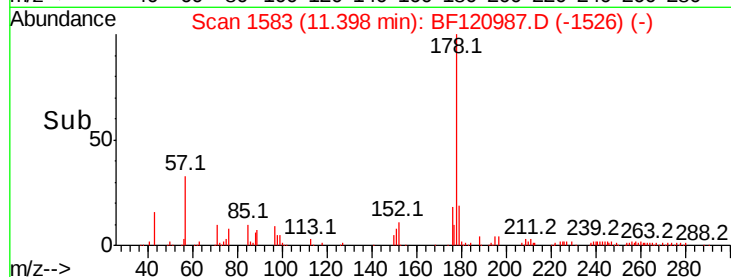
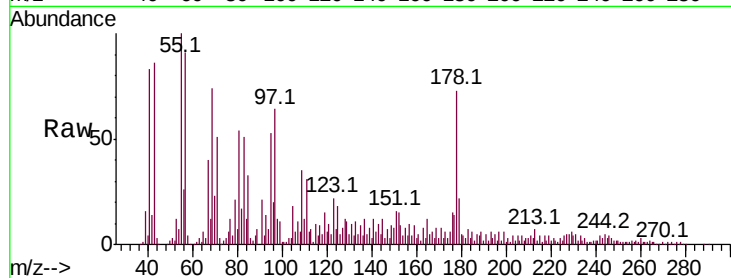
ClientSampleId :

VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	30.1	12.8	19.2

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#72

Anthracene

Concen: 47.635 ng

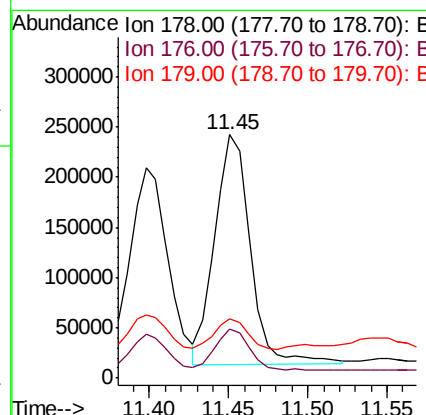
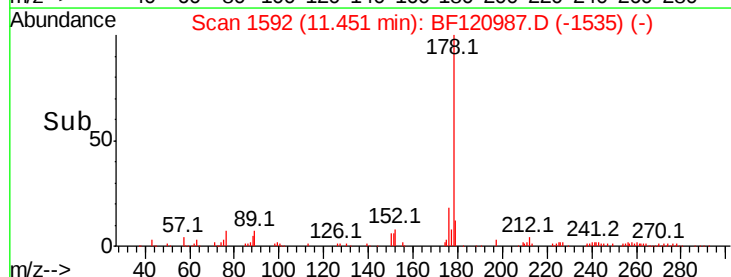
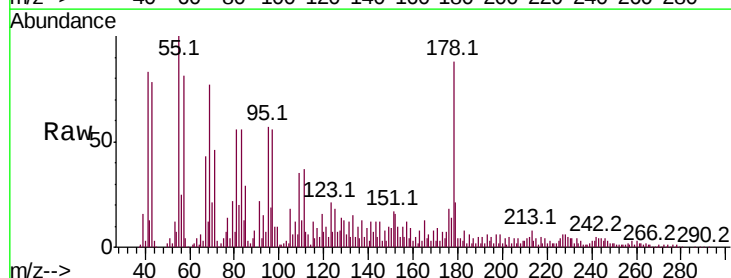
RT: 11.45 min Scan# 1592

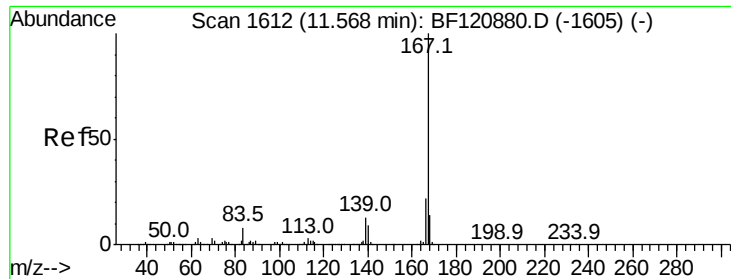
Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	24.3	12.8	19.2





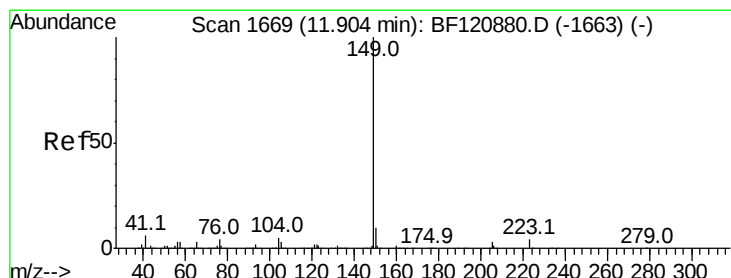
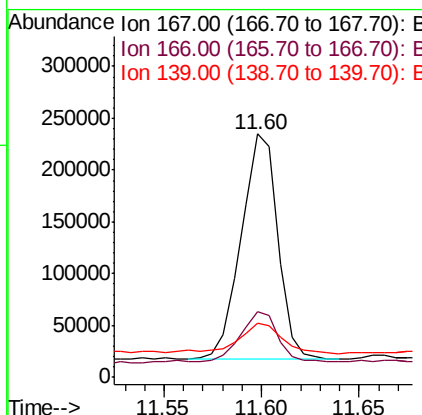
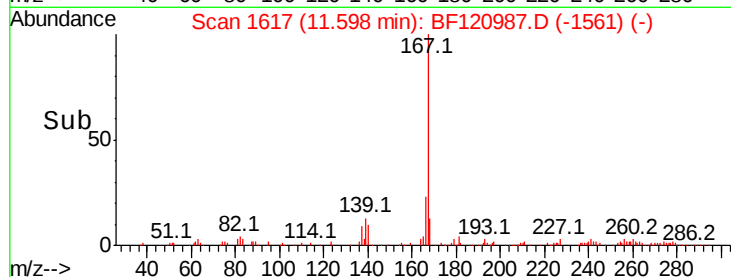
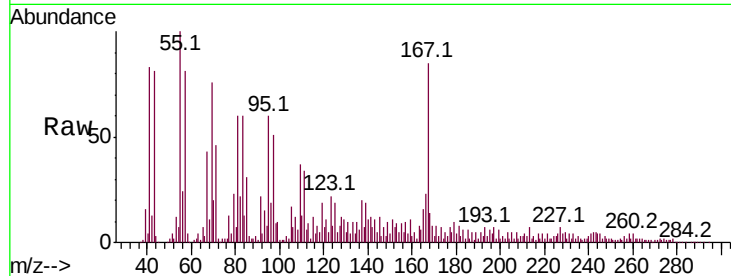
#73
 Carbazole
 Concen: 37.814 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.9	17.7	26.5#
139	22.1	10.1	15.1#

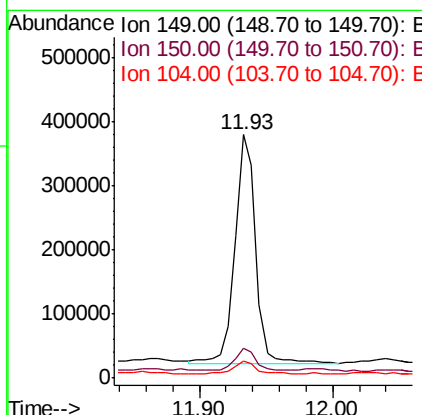
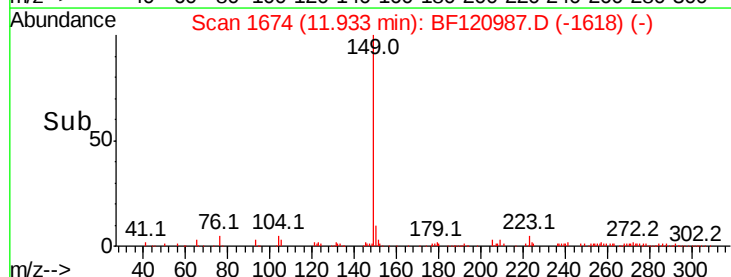
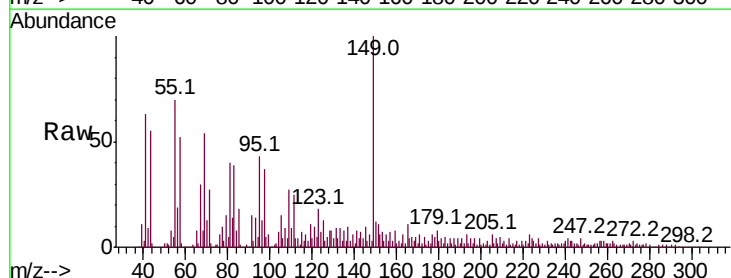
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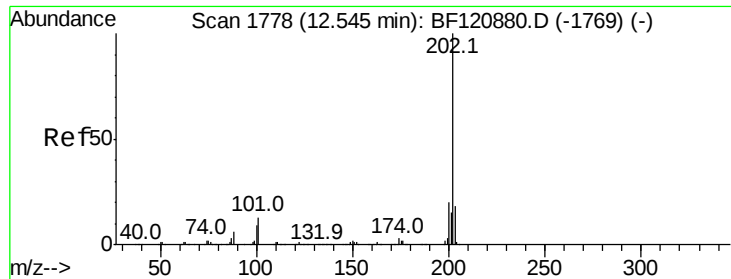
Sohil
 7/24/2020 12:12:15 PM



#74
 Di-n-butylphthalate
 Concen: 44.456 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.2	7.8	11.6#
104	6.8	3.8	5.6#





#75

Fluoranthene

Concen: 53.979 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.05 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

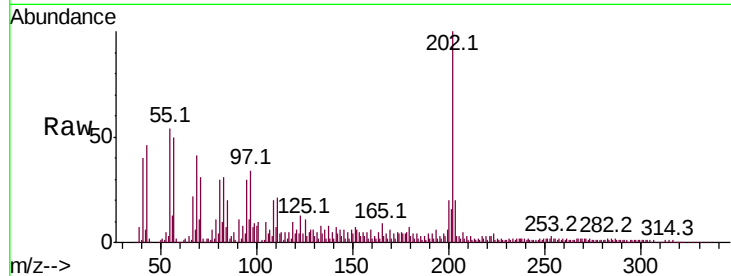
ClientSampled :

VNJ-241MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.6	0.0	32.7	
203	19.9	0.0	38.0	

Manual Integrations
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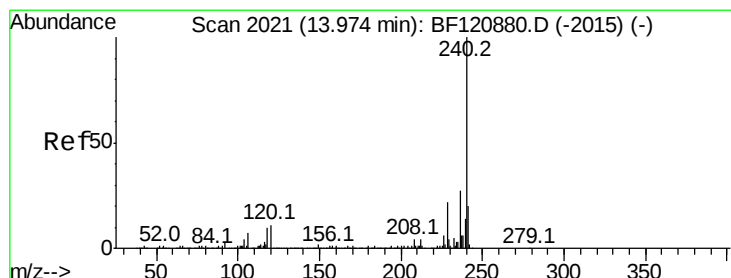
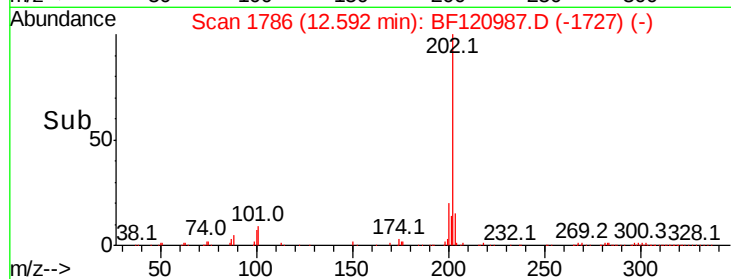
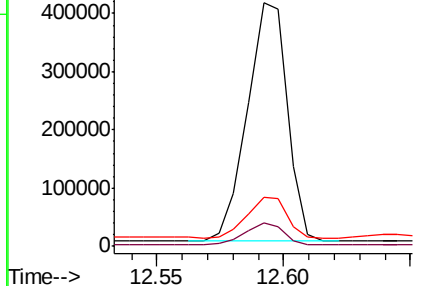
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF120987.D

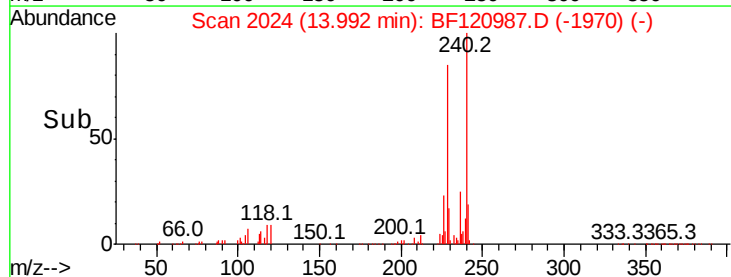
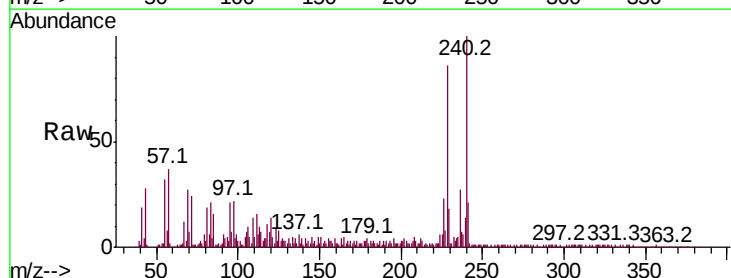
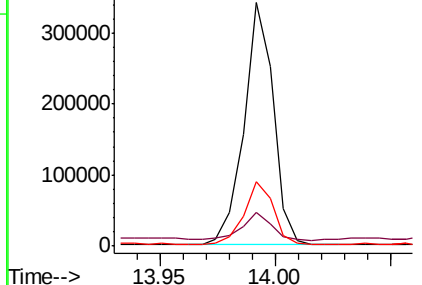
Acq: 23 Jul 2020 18:22

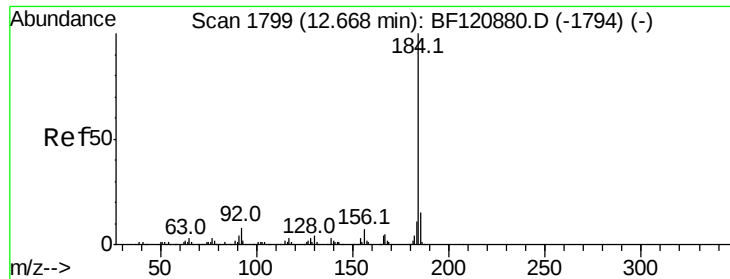
Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.9	9.0	13.4#	
236	26.6	21.7	32.5	

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.391 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

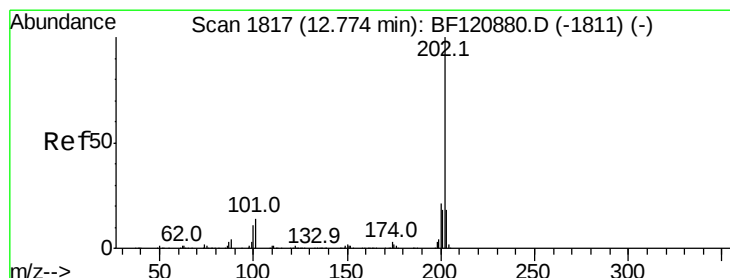
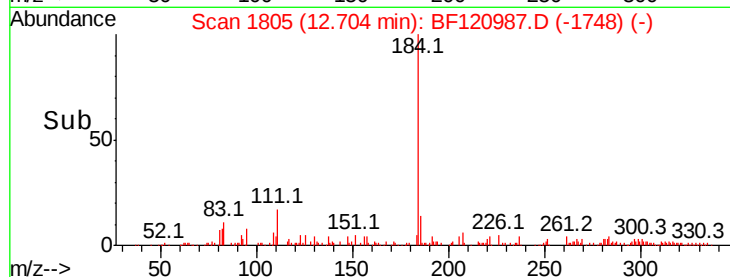
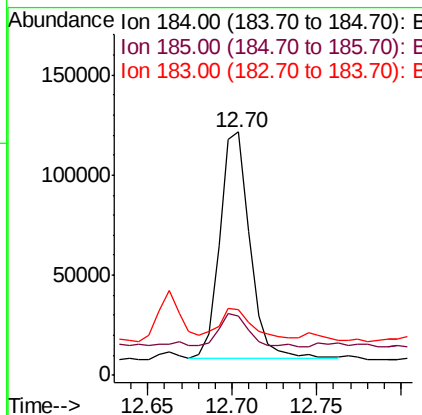
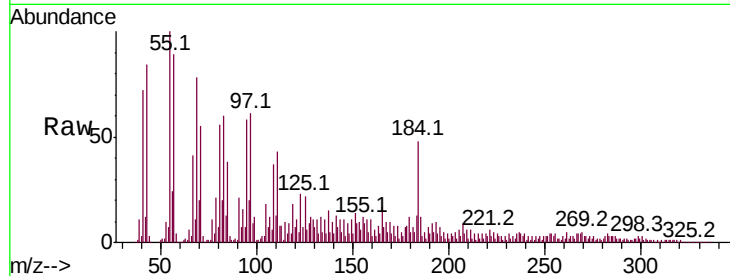
ClientSampleId :

VNJ-241MSD

Tot Ion:	184	Resp:	139068
Ion Ratio	Lower	Upper	
184	100		
185	24.4	12.2	18.2#
183	27.2	8.5	12.7#

Manual Integrations
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#78

Pyrene

Concen: 24.970 ng

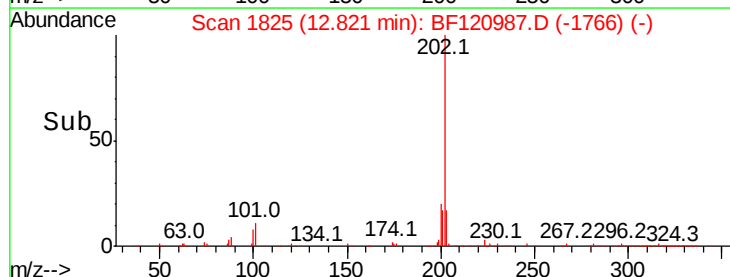
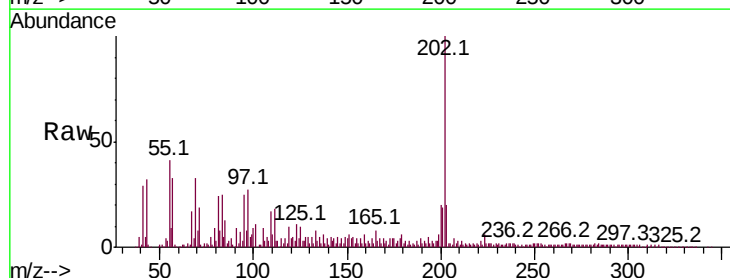
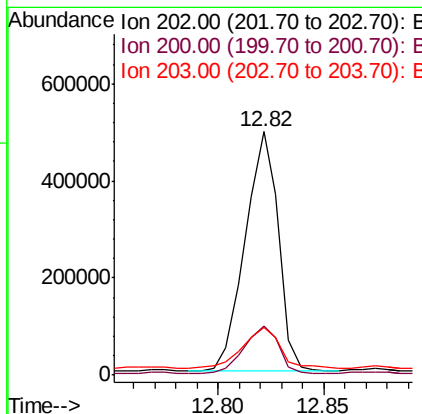
RT: 12.82 min Scan# 1825

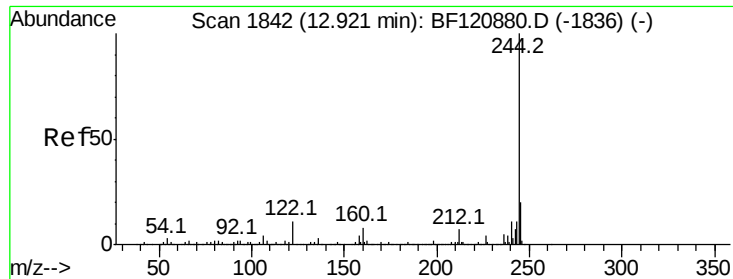
Delta R.T. 0.05 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	202	Resp:	536922
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.4
203	19.6	14.4	21.6





#79

Terphenyl-d14

Concen: 53.749 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

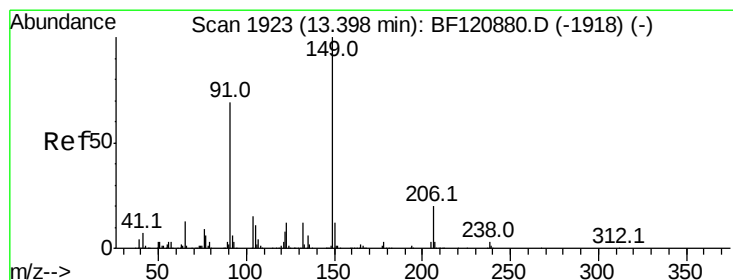
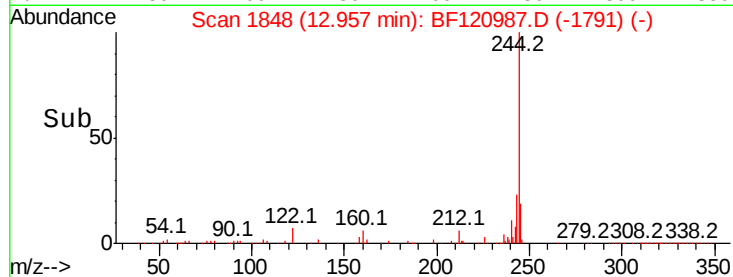
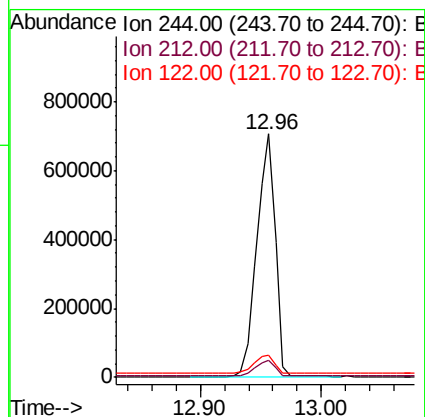
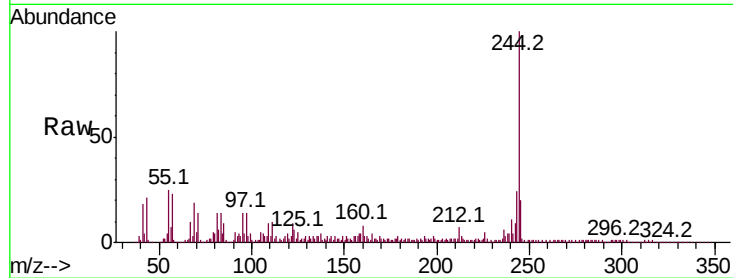
ClientSampleId :

VNJ-241MSD

Tot Ion:	244	Resp:	752022
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.6	8.4
122	9.2	8.9	13.3

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 34.609 ng

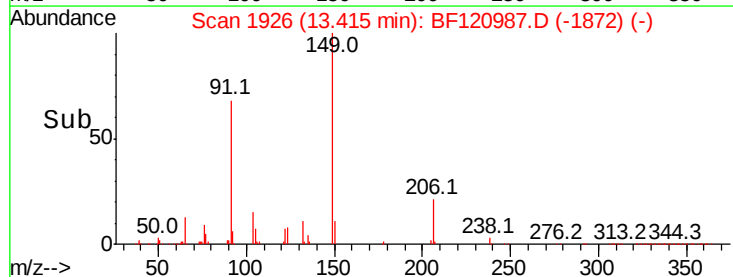
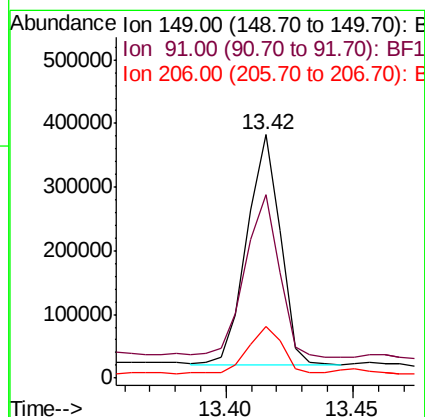
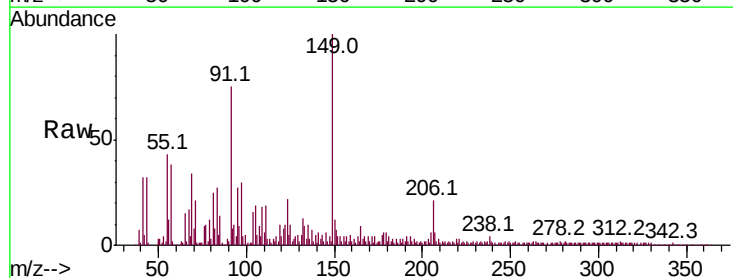
RT: 13.42 min Scan# 1926

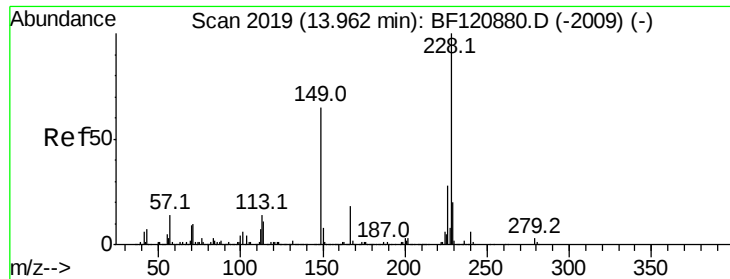
Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:	149	Resp:	331749
Ion Ratio	Lower	Upper	
149	100		
91	75.1	55.1	82.7
206	21.4	16.1	24.1





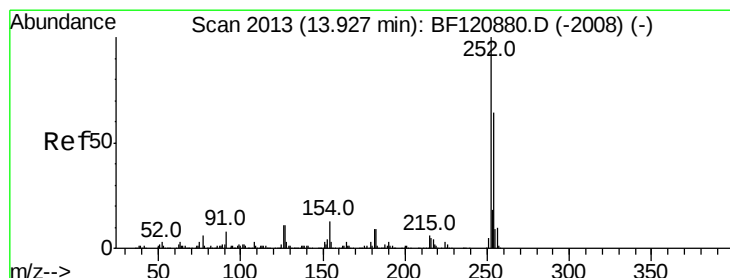
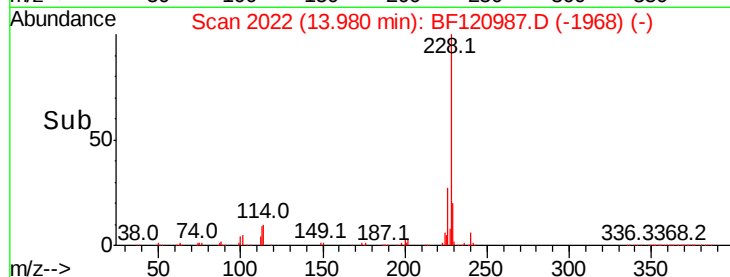
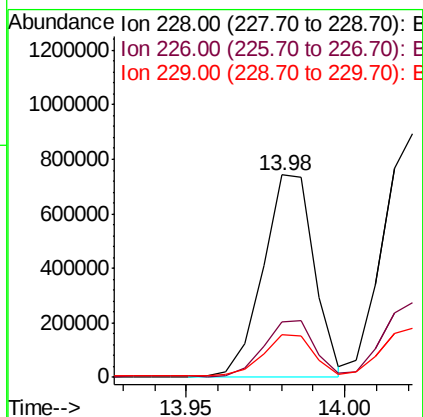
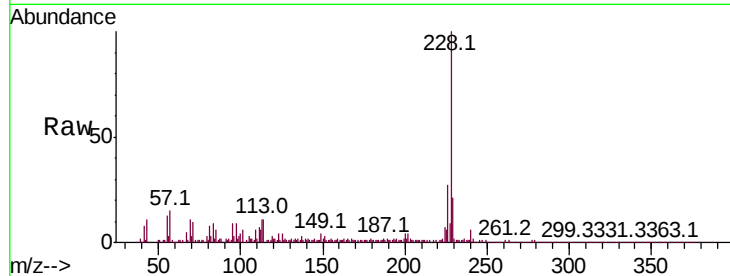
#81
Benzo(a)anthracene
Concen: 44.986 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.8	16.1	24.1

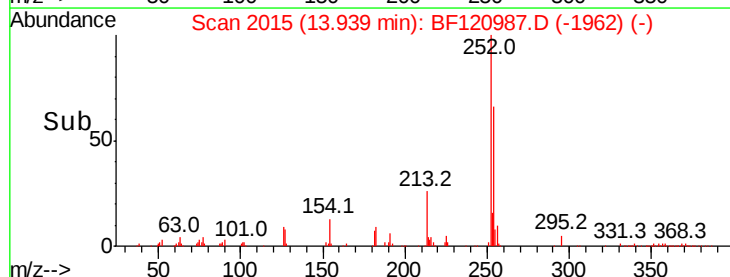
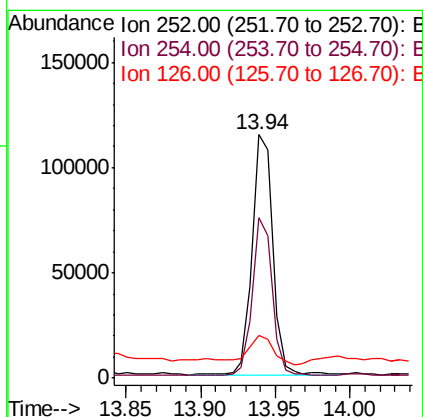
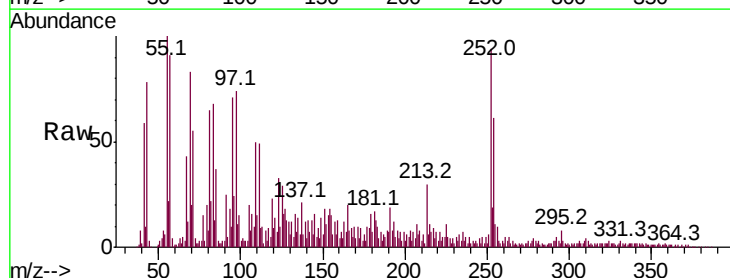
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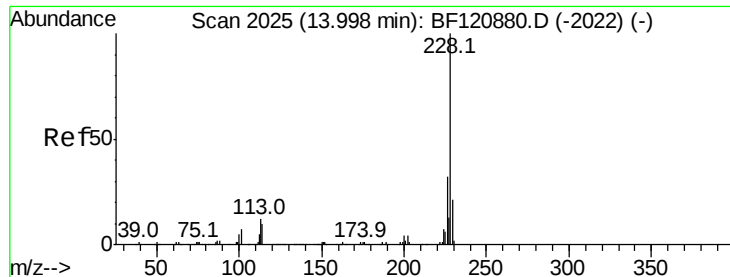
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#82
3,3'-Dichlorobenzidine
Concen: 15.585 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.2	76.8
126	17.5	8.7	13.1#





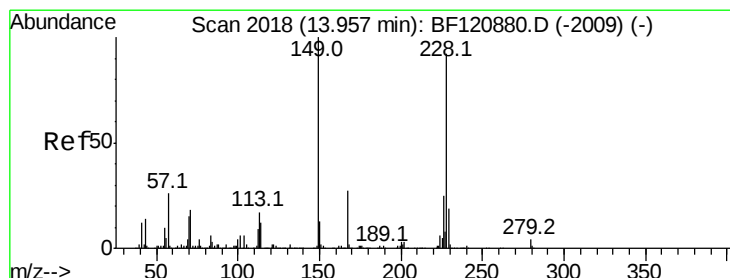
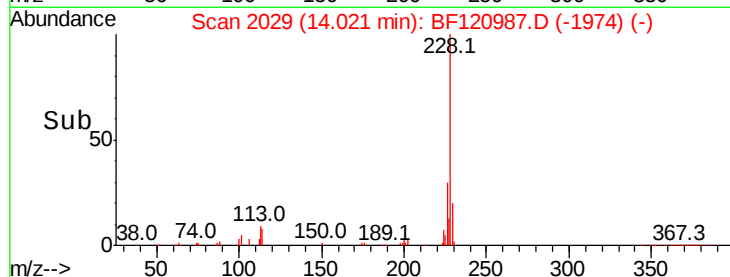
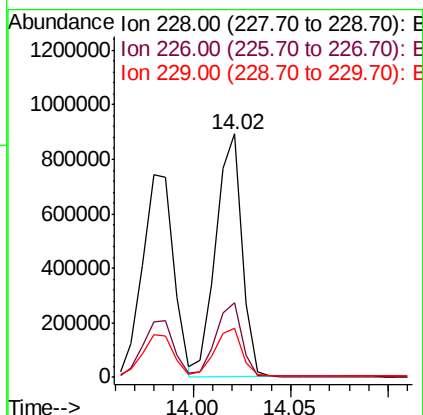
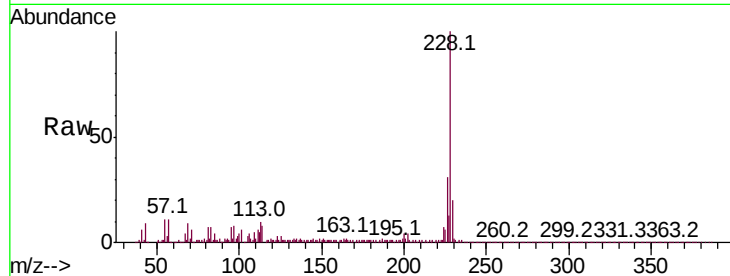
#83
Chrysene
Concen: 42.772 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	20.4	16.8	25.2

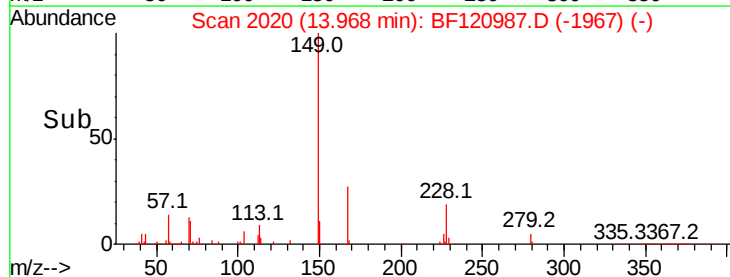
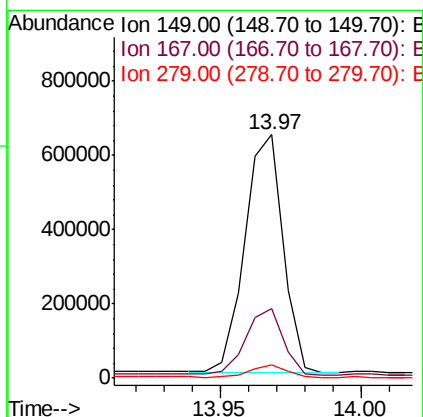
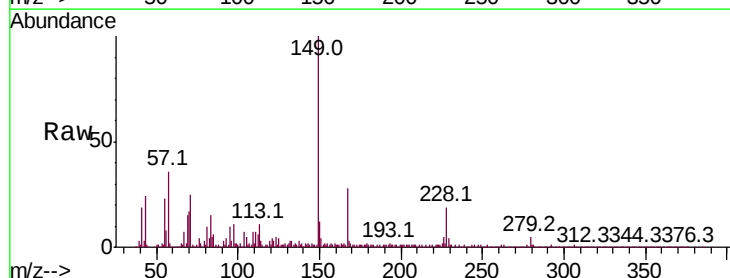
Manual Integrations
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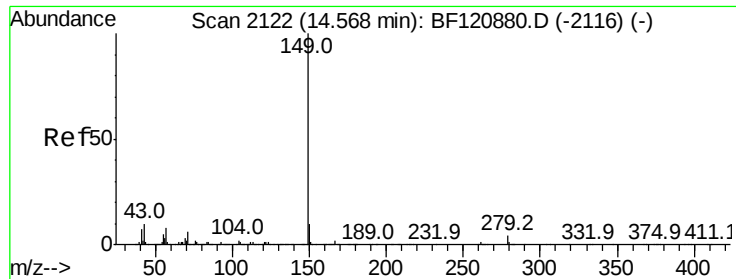
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.711 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	5.3	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 53.227 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tot Ion:149 Resp: 1251720

Ion Ratio Lower Upper

149 100

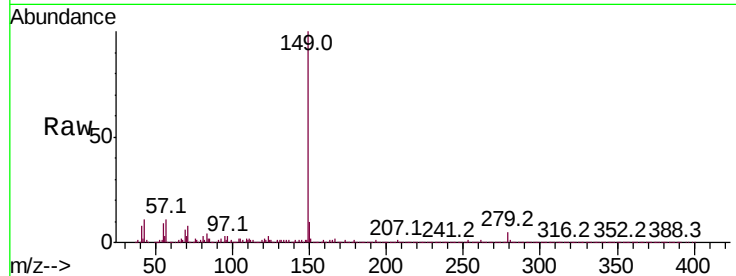
167 1.5 1.3 1.9

43 9.4 7.6 11.4

Manual Integrations
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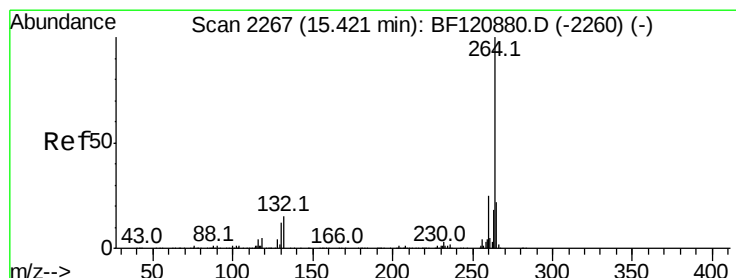
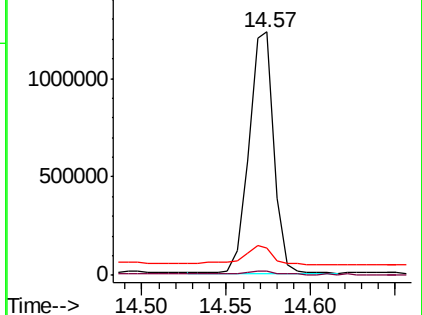
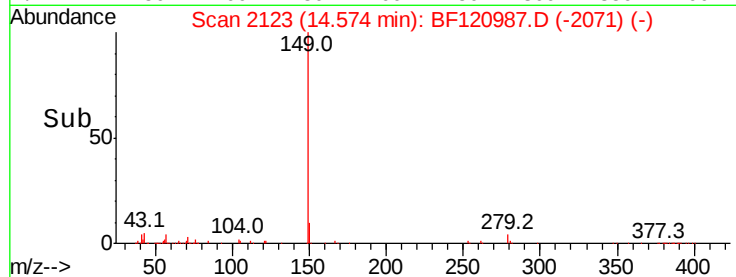
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

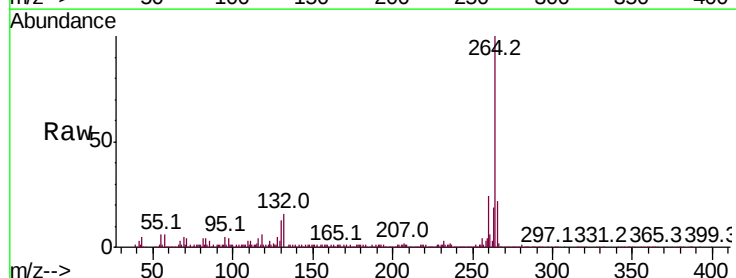
Tgt Ion:264 Resp: 434047

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

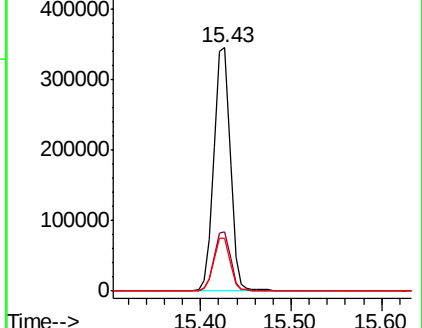
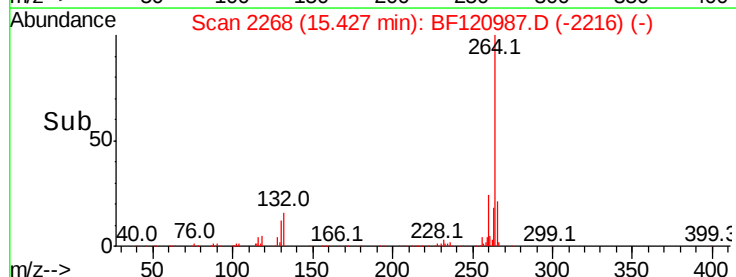
265 21.7 17.4 26.2

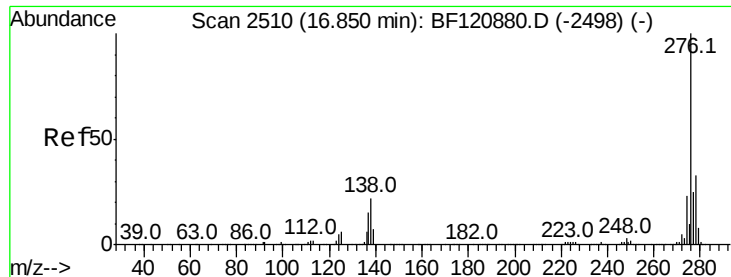


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





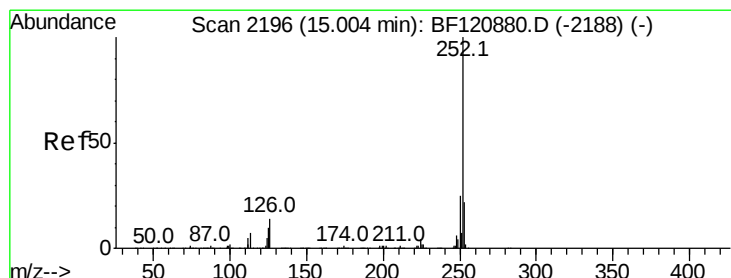
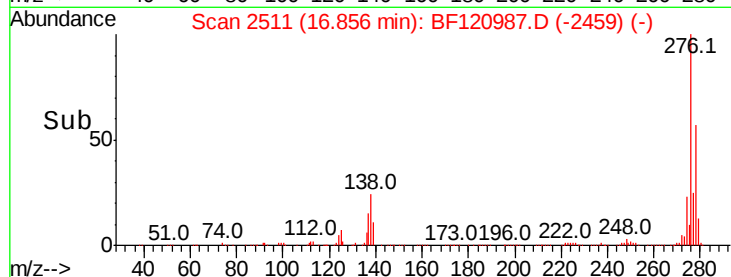
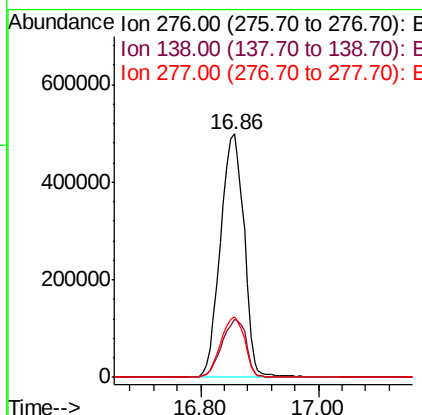
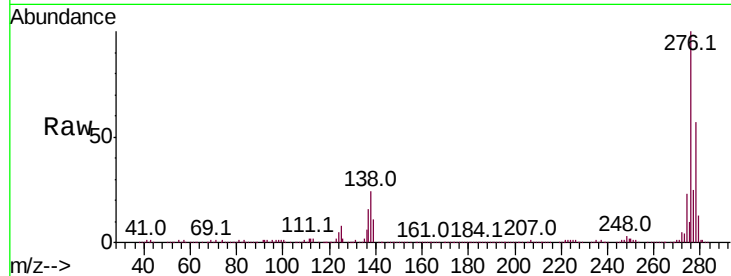
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.409 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.3	20.2	30.2

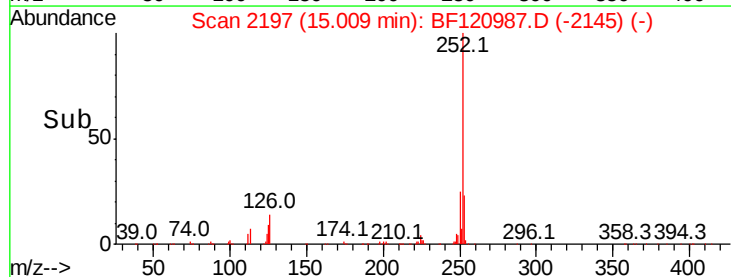
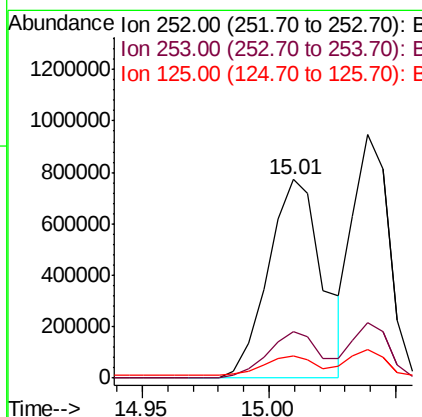
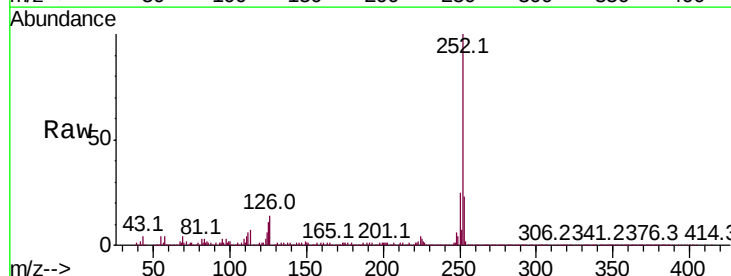
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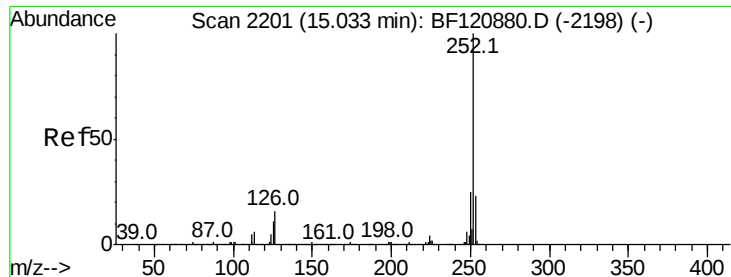
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 44.131 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.4	8.3	12.5





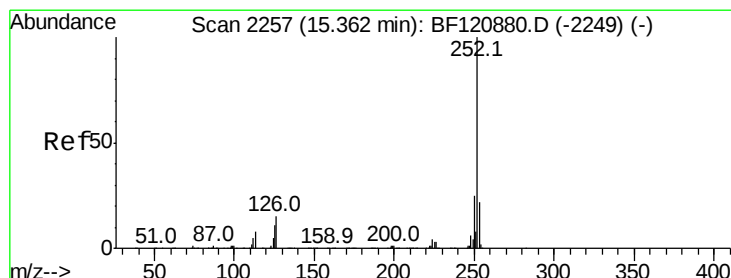
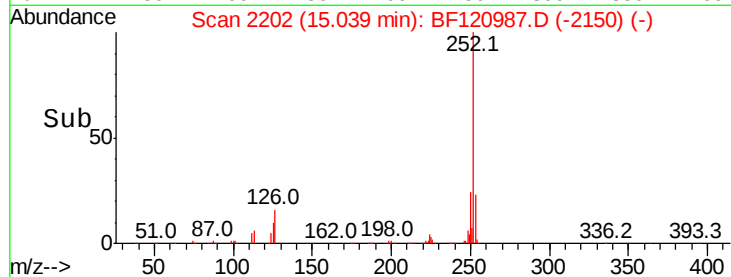
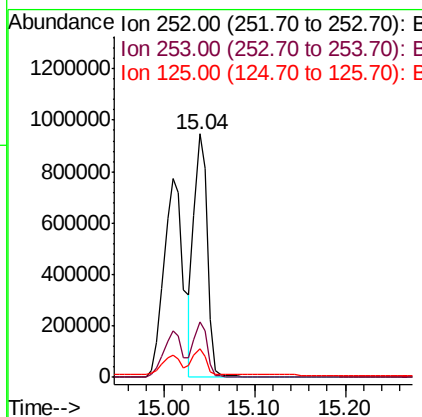
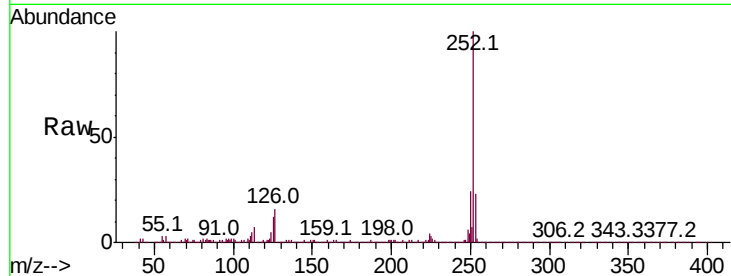
#89
Benzo(k)fluoranthene
Concen: 39.640 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.5	8.4	12.6

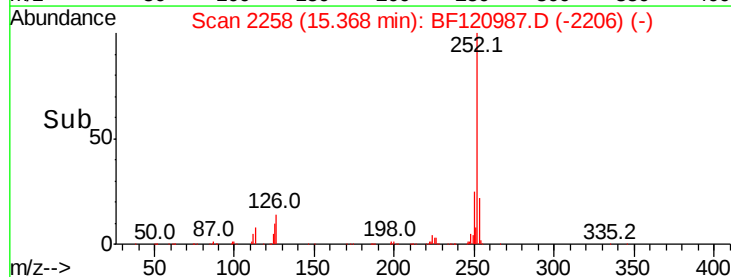
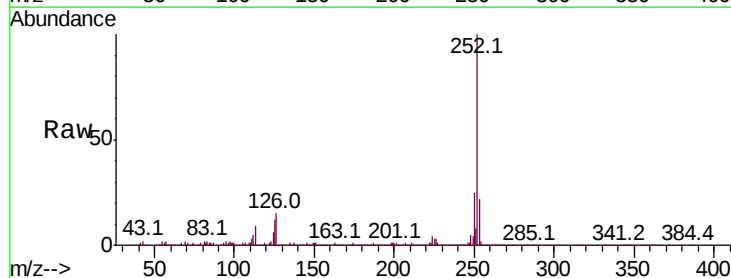
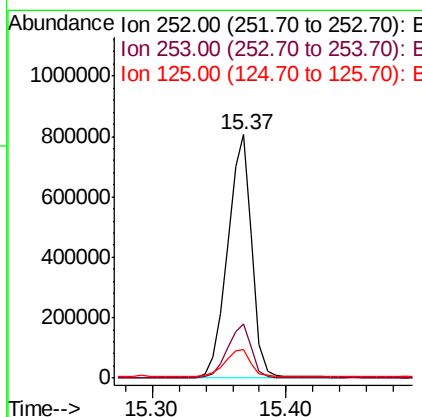
Manual Integrations
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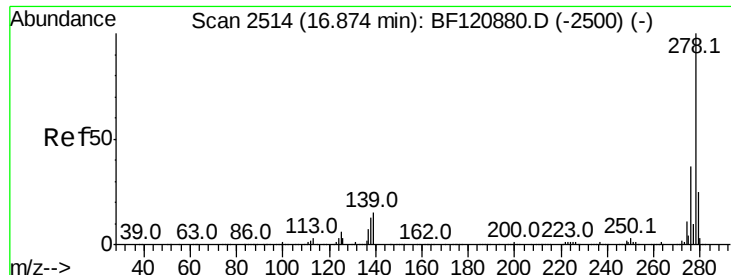
Sohil
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#90
Benzo(a)pyrene
Concen: 42.533 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.6	8.9	13.3





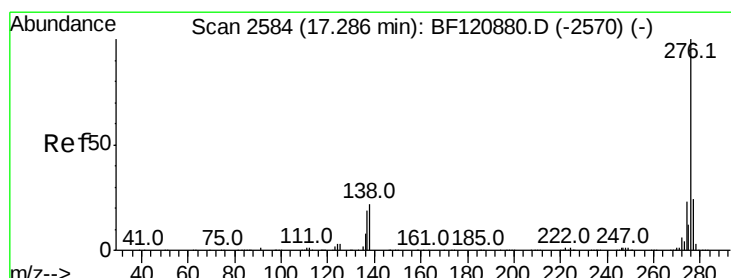
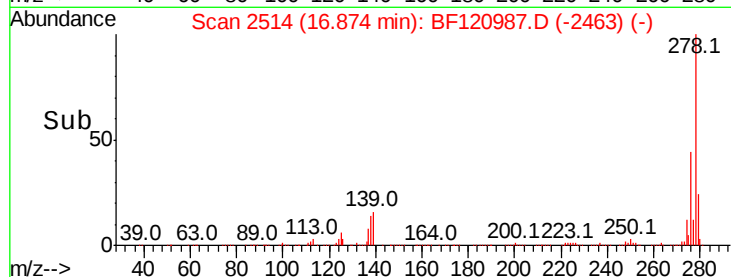
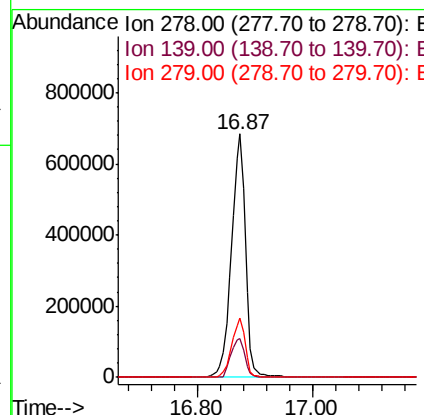
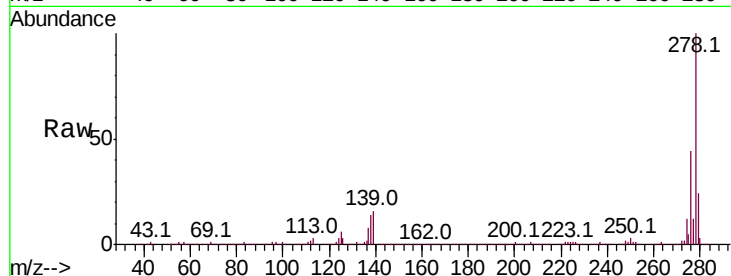
#91
Dibenzo(a,h)anthracene
Concen: 46.958 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.3	18.5
279	24.2	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:12:15 PM



#92
Benzo(g,h,i)perylene
Concen: 49.248 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	22.3	17.5	26.3

