

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
 Data File : BF120365.D
 Acq On : 19 May 2020 15:48
 Operator : MA/SJ
 Sample : L2686-02MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Manual Integrations
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 5/20/2020 1:20:38 PM

Quant Time: May 19 16:48:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	260131	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	856649	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	333134	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	477164	20.00	ng	0.01
76) Chrysene-d12	13.77	240	389100	20.00	ng	0.00
87) Perylene-d12	15.16	264	426781	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	687906	51.45	ng	0.00
7) Phenol-d6	6.26	99	906753	53.63	ng	0.00
23) Nitrobenzene-d5	7.16	82	612823	48.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	143004	52.65	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	1032194	63.66	ng	0.00
79) Terphenyl-d14	12.73	244	628746	35.70	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.15	88	83155	15.64	ng	98
3) Pyridine	2.83	79	147410	8.82	ng	97
4) n-Nitrosodimethylamine	2.76	42	95590	14.60	ng	# 99
6) Aniline	6.28	93	209963	9.71	ng	90
8) 2-Chlorophenol	6.39	128	243837	15.64	ng	98
9) Benzaldehyde	6.14	77	141743	13.60	ng	98
10) Phenol	6.27	94	313709	15.90	ng	# 76
11) bis(2-Chloroethyl)ether	6.33	93	230226	14.60	ng	98
12) 1,3-Dichlorobenzene	6.53	146	253468	15.20	ng	98
13) 1,4-Dichlorobenzene	6.61	146	290103	16.89	ng	97
14) 1,2-Dichlorobenzene	6.76	146	274178	17.72	ng	98
15) Benzyl Alcohol	6.75	79	222323	18.51	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	432306	17.40	ng	87
17) 2-Methylphenol	6.87	107	215318	16.36	ng	95
18) Hexachloroethane	7.10	117	102774	15.70	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	190602	17.21	ng	97
20) 3+4-Methylphenols	7.03	107	289529	16.92	ng	97
22) Acetophenone	7.01	105	379518	21.63	ng	# 98
24) Nitrobenzene	7.18	77	276494	20.53	ng	97
25) Isophorone	7.42	82	456720	17.54	ng	98
26) 2-Nitrophenol	7.50	139	131513	18.67	ng	98
27) 2,4-Dimethylphenol	7.55	122	209582	20.46	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	303433	18.54	ng	99
29) 2,4-Dichlorophenol	7.76	162	179749	17.08	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	199283	17.09	ng	97
31) Naphthalene	7.90	128	659916	18.25	ng	98
32) Benzoic acid	7.66	122	84609	12.60	ng	99
33) 4-Chloroaniline	7.97	127	168360	10.22	ng	97
34) Hexachlorobutadiene	8.02	225	111166	16.50	ng	97
35) Caprolactam	8.32	113	57988	16.85	ng	# 79
36) 4-Chloro-3-methylphenol	8.46	107	186682	16.40	ng	96
37) 2-Methylnaphthalene	8.60	142	426356	17.23	ng	97
38) 1-Methylnaphthalene	8.69	142	470303	19.60	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	214540	25.54	ng	98

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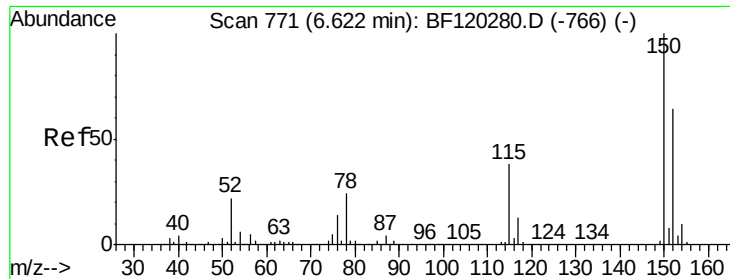
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	31518	14.97	ng	95
43) 2,4,6-Trichlorophenol	8.89	196	135502	24.03	ng	96
44) 2,4,5-Trichlorophenol	8.93	196	140271	21.66	ng #	95
46) 1,1'-Biphenyl	9.06	154	560455	25.68	ng	98
47) 2-Chloronaphthalene	9.09	162	404776	23.12	ng	98
48) 2-Nitroaniline	9.19	65	140895	22.06	ng	96
49) Acenaphthylene	9.50	152	677808	25.34	ng #	94
50) Dimethylphthalate	9.37	163	620624	29.47	ng	99
51) 2,6-Dinitrotoluene	9.43	165	124254	26.44	ng #	78
52) Acenaphthene	9.67	154	290587	18.13	ng	98
53) 3-Nitroaniline	9.60	138	91348	16.30	ng #	84
54) 2,4-Dinitrophenol	9.72	184	35710	16.10	ng #	79
55) Dibenzofuran	9.85	168	429423	18.60	ng	96
56) 4-Nitrophenol	9.79	139	90156	29.94	ng #	1
57) 2,4-Dinitrotoluene	9.85	165	86462	15.68	ng #	83
58) Fluorene	10.20	166	308035	17.52	ng	95
59) 2,3,4,6-Tetrachlorophenol	9.98	232	71307	14.63	ng #	91
60) Diethylphthalate	10.07	149	365033	17.95	ng #	89
61) 4-Chlorophenyl-phenylether	10.19	204	147811	16.17	ng	93
62) 4-Nitroaniline	10.22	138	65422	12.53	ng #	63
63) Azobenzene	10.35	77	317917	16.55	ng	91
65) 4,6-Dinitro-2-methylphenol	10.26	198	26527	10.99	ng #	1
66) n-Nitrosodiphenylamine	10.31	169	276494	20.94	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	78051	16.86	ng #	80
68) Hexachlorobenzene	10.76	284	83437	17.22	ng #	85
69) Atrazine	10.85	200	74822	18.94	ng #	69
70) Pentachlorophenol	10.96	266	63803	30.97	ng	96
71) Phenanthrene	11.17	178	513814	25.63	ng #	91
72) Anthracene	11.22	178	443745	20.67	ng #	92
73) Carbazole	11.37	167	343421	17.12	ng #	89
74) Di-n-butylphthalate	11.71	149	464454	19.22	ng	96
75) Fluoranthene	12.36	202	954799	44.43	ng	99
78) Pyrene	12.59	202	932952	33.63	ng	99
80) Butylbenzylphthalate	13.20	149	197337	15.11	ng	98
81) Benzo(a)anthracene	13.76	228	765758	37.31	ng	94
82) 3,3'-Dichlorobenzidine	13.72	252	78855	10.20	ng #	95
83) Chrysene	13.80	228	783181	35.54	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	348845	21.47	ng	100
85) Di-n-octyl phthalate	14.36	149	486498	16.64	ng	100
86) Indeno(1,2,3-cd)pyrene	16.48	276	725558	36.28	ng	94
88) Benzo(b)fluoranthene	14.77	252	1014740	43.54	ng	99
89) Benzo(k)fluoranthene	14.80	252	557980m	27.63	ng	
90) Benzo(a)pyrene	15.10	252	737955	35.30	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	411541	22.22	ng	98
92) Benzo(g,h,i)perylene	16.87	276	626108	33.53	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

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Instrument :

BNA_F

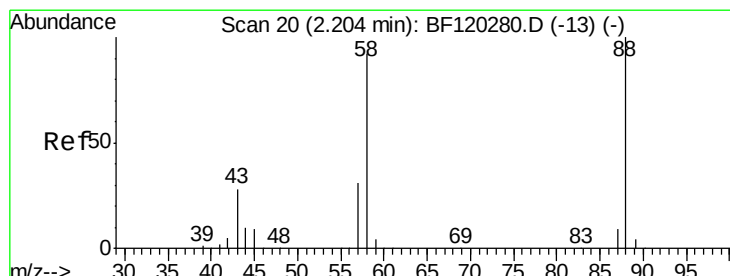
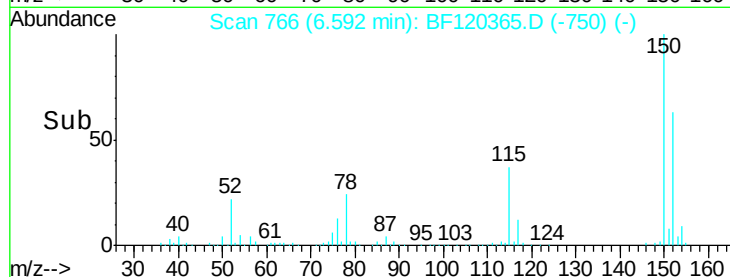
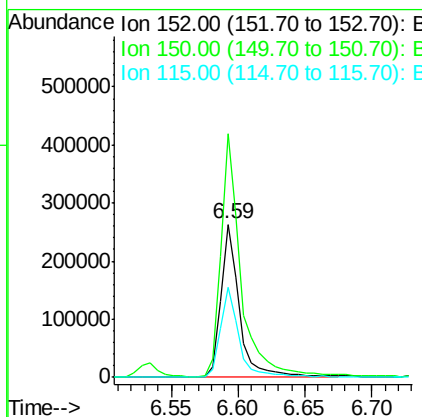
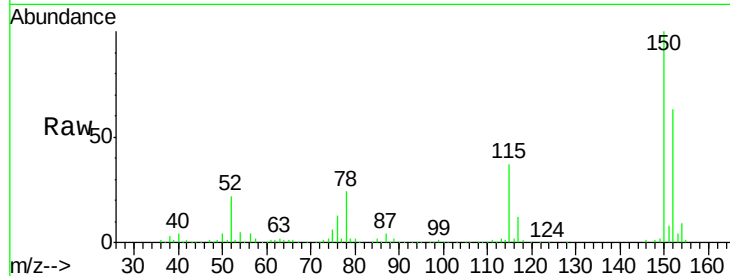
ClientSampleId :

VNJ-214MS

Tgt Ion:	152	Resp:	260131
Ion Ratio	Lower	Upper	
152	100		
150	159.0	126.2	189.2
115	58.7	47.9	71.9

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#2

1,4-Dioxane

Concen: 15.64 ng

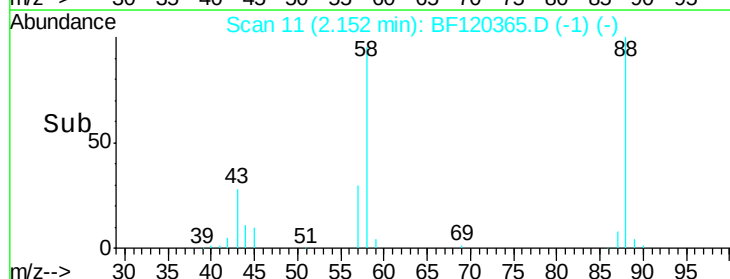
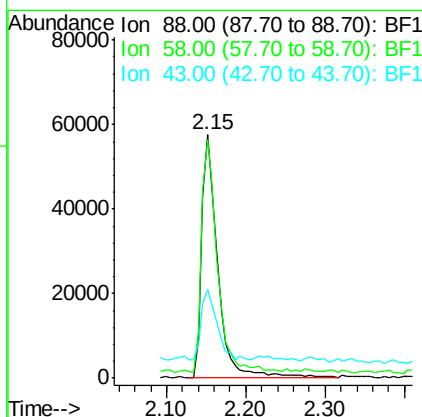
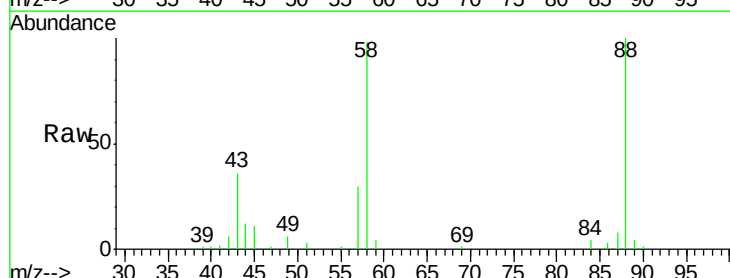
RT: 2.15 min Scan# 11

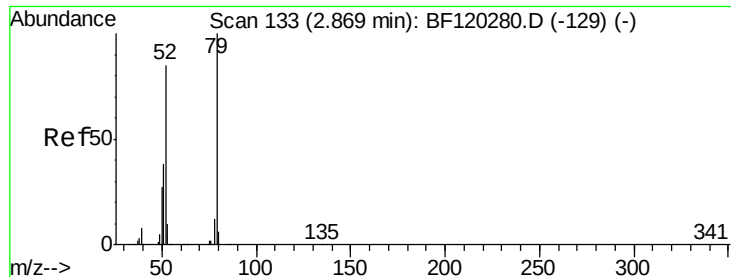
Delta R.T. -0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	88	Resp:	83155
Ion Ratio	Lower	Upper	
88	100		
58	92.1	75.8	113.6
43	29.3	23.6	35.4





#3

Pyridine

Concen: 8.82 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

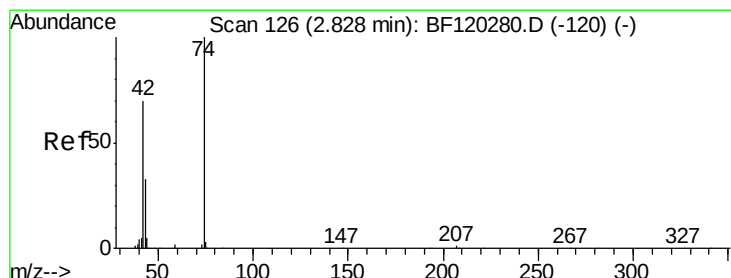
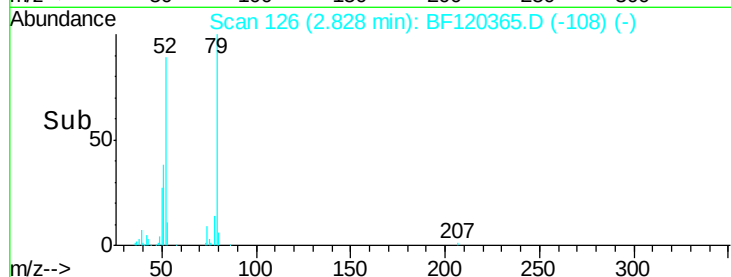
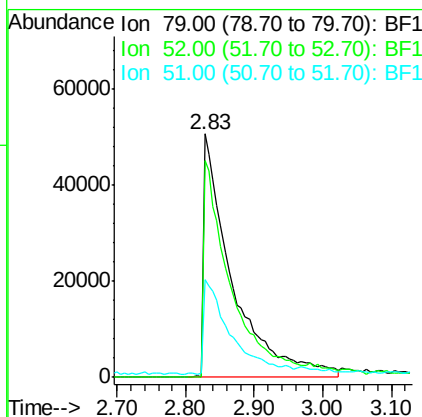
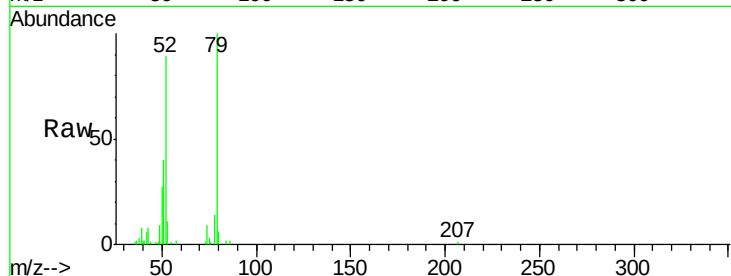
ClientSampleId :

VNJ-214MS

Tgt Ion:	79	Resp:	147410
Ion	Ratio	Lower	Upper
79	100		
52	89.2	68.4	102.6
51	40.0	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 14.60 ng

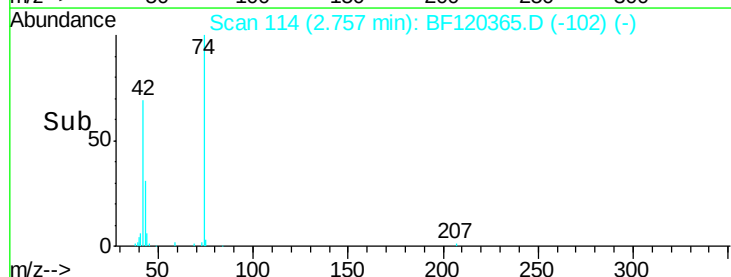
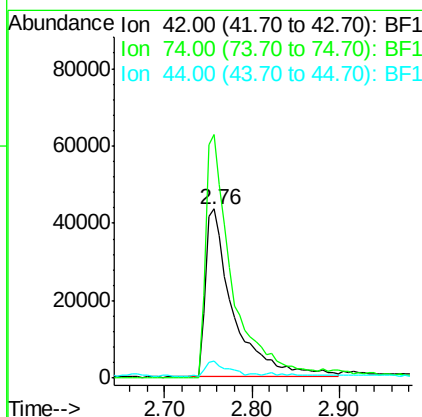
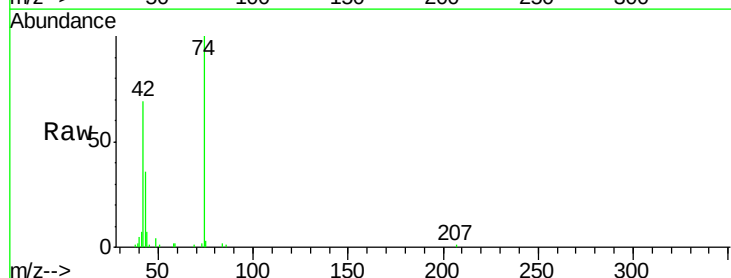
RT: 2.76 min Scan# 114

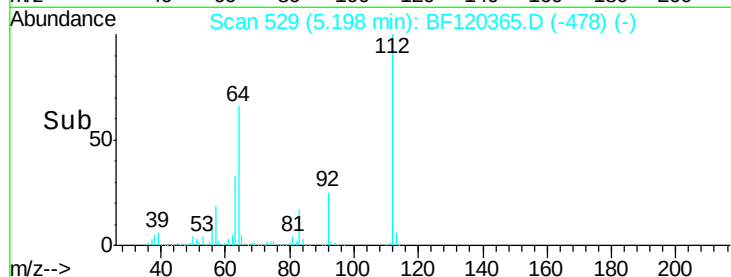
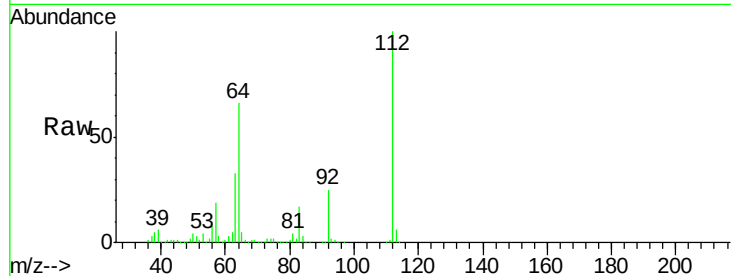
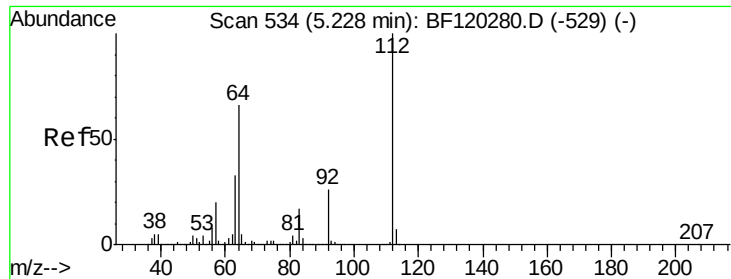
Delta R.T. -0.03 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	42	Resp:	95590
Ion	Ratio	Lower	Upper
42	100		
74	143.9	114.8	172.2
44	9.9	5.6	8.4





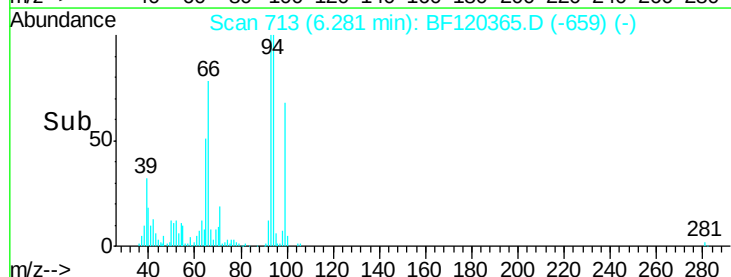
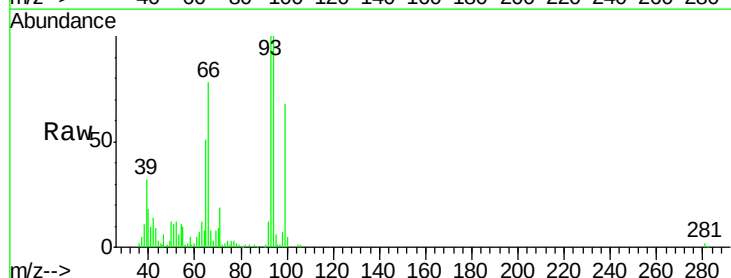
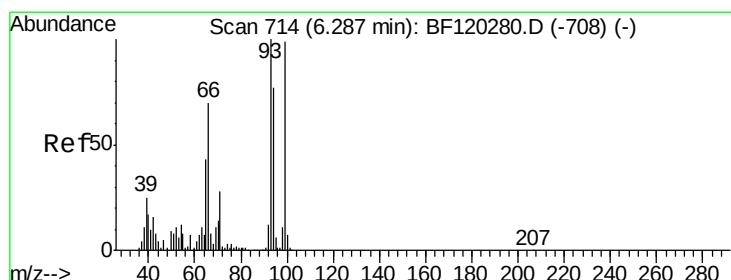
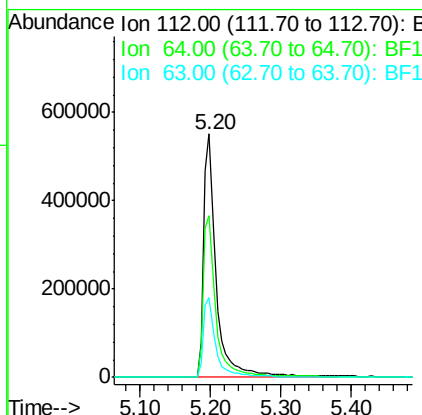
#5
2-Fluorophenol
Concen: 51.45 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	687906		
64	66.4	52.7	79.1	
63	32.5	26.2	39.4	

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

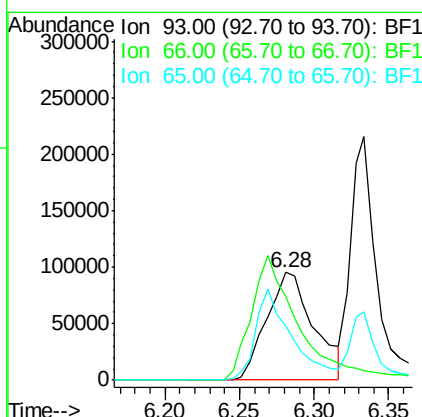
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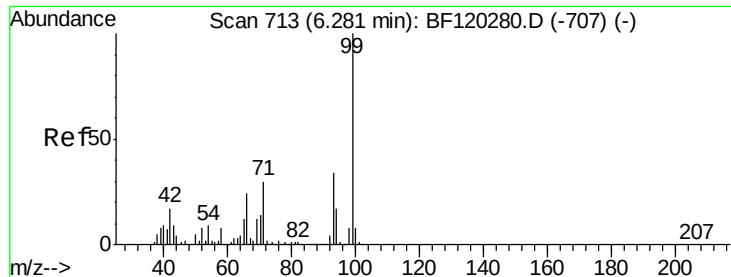
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#6
Aniline
Concen: 9.71 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.02 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209963		
66	77.6	56.2	84.4	
65	50.9	34.2	51.2	





#7

Phenol-d6

Concen: 53.63 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

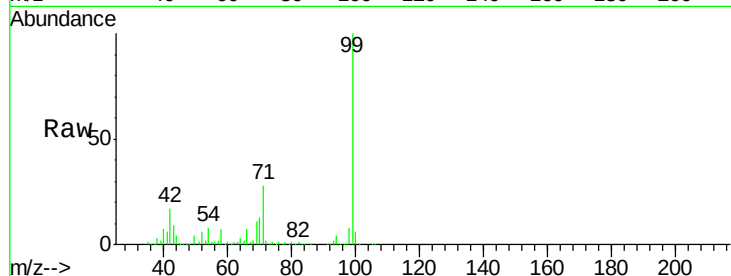
ClientSampleId :

VNJ-214MS

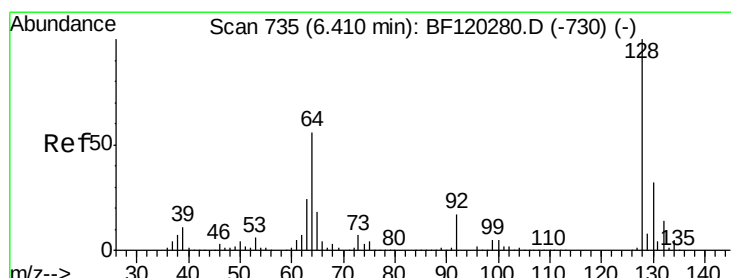
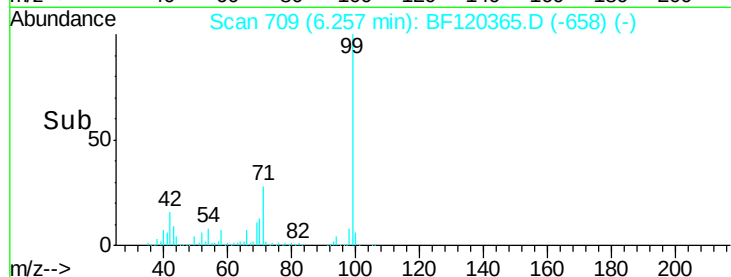
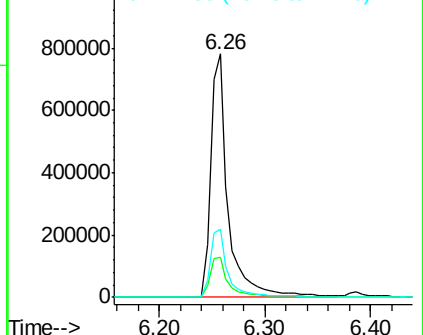
Tgt Ion:	99	Resp:	906753
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.6	20.4
71	28.0	24.2	36.4

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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: 15.64 ng

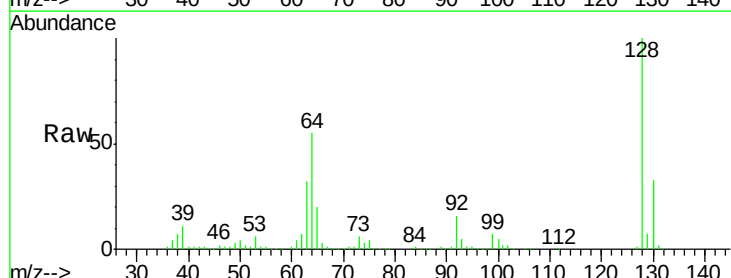
RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

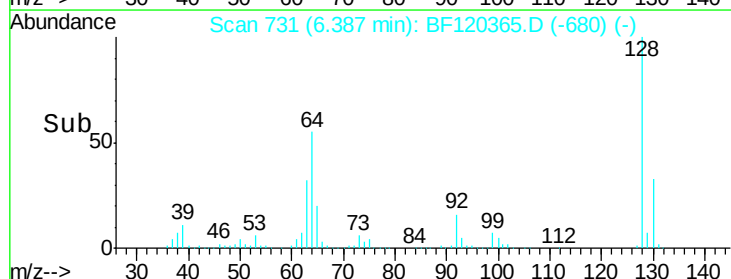
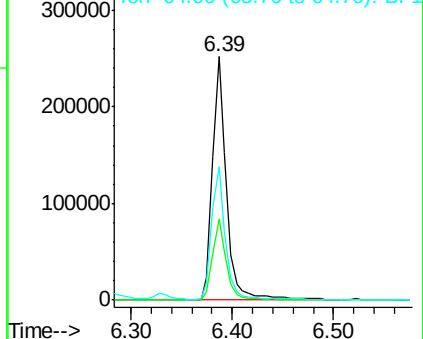
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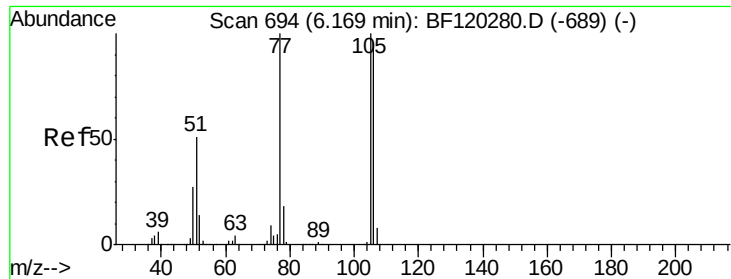
Acq: 19 May 2020 15:48

Tgt Ion:	128	Resp:	243837
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.4	52.4
64	54.6	36.7	76.7



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: 13.60 ng

RT: 6.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

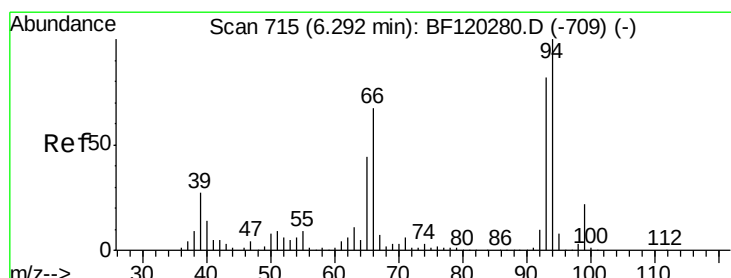
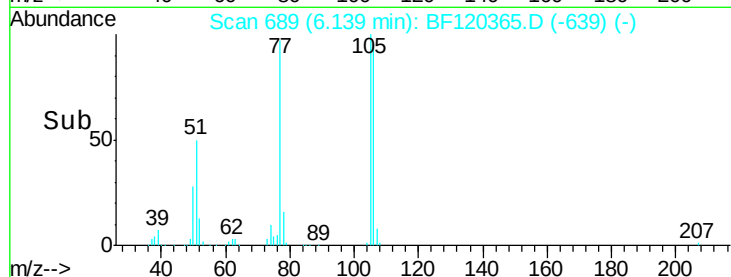
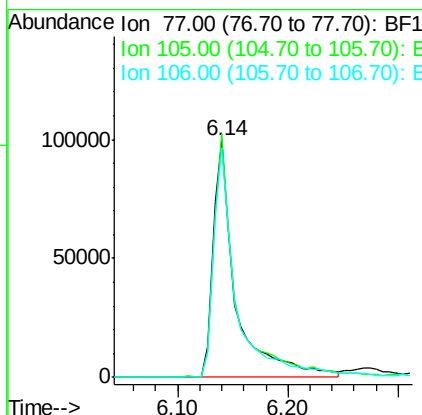
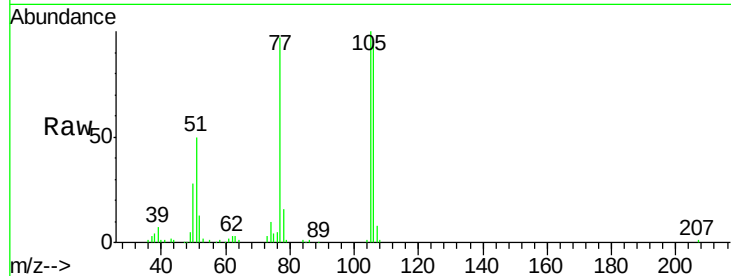
ClientSampleId :

VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.9	79.9	119.9
106	97.2	75.7	115.7

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#10

Phenol

Concen: 15.90 ng

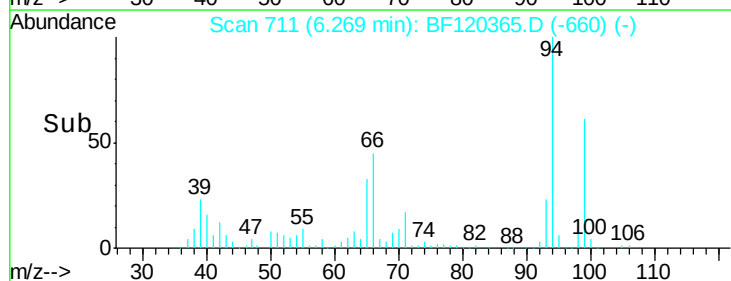
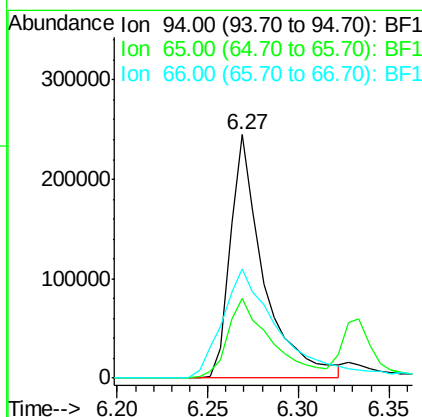
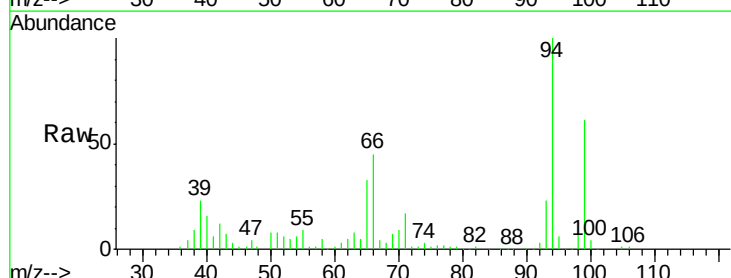
RT: 6.27 min Scan# 711

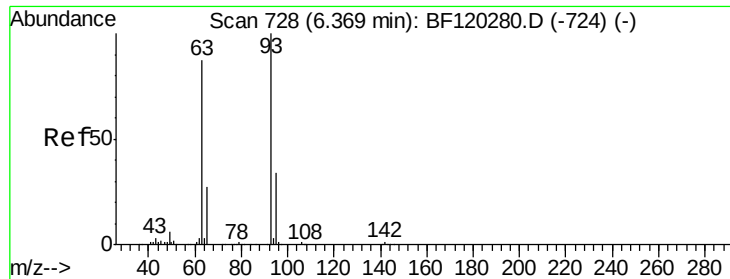
Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	24.1	64.1
66	45.0	47.5	87.5#





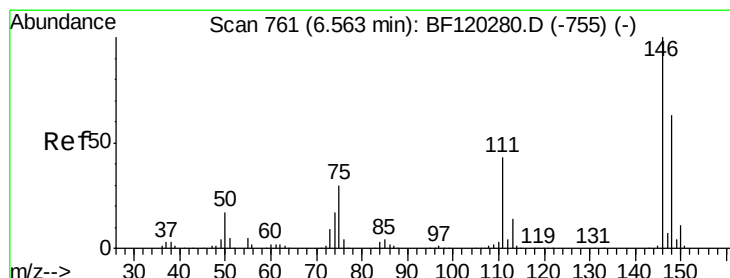
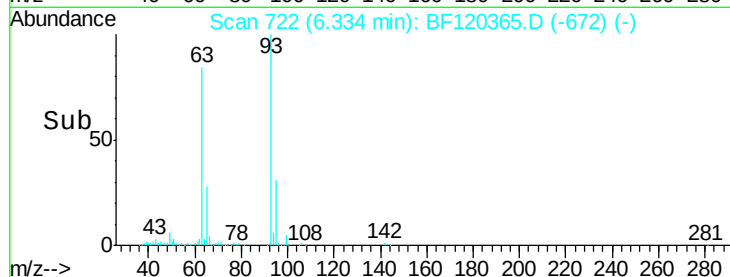
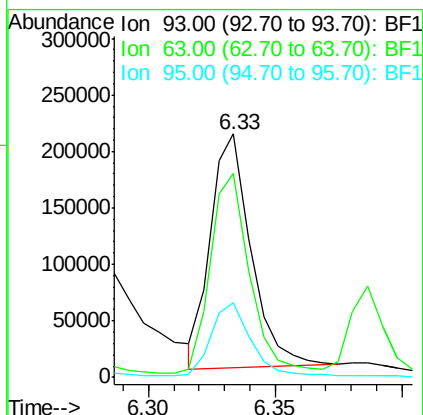
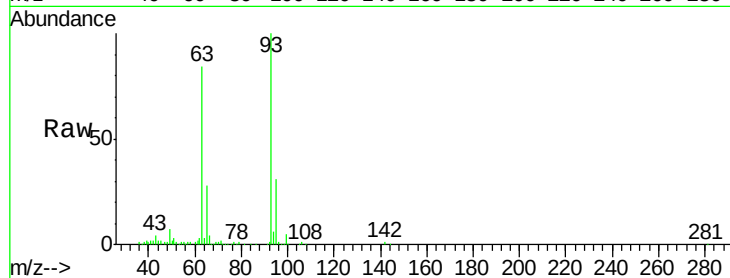
#11
bis(2-Chloroethyl)ether
Concen: 14.60 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230226		
63	83.7	65.4	105.4	
95	30.7	12.9	52.9	

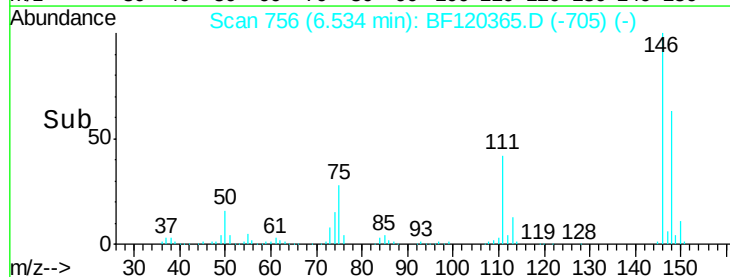
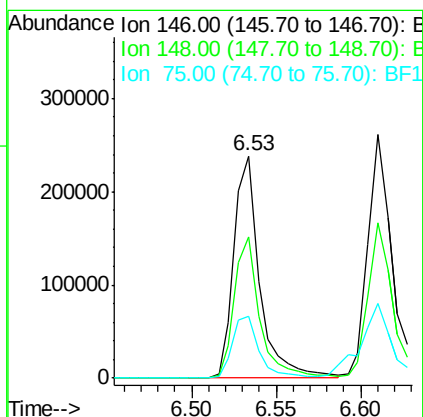
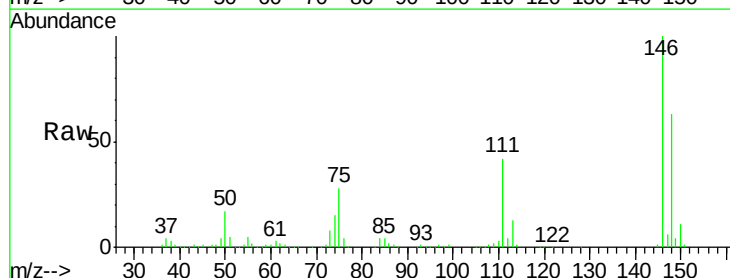
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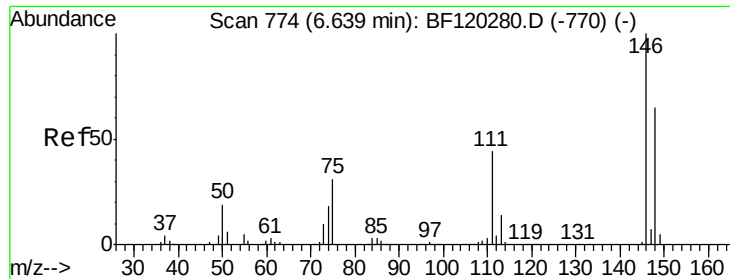
mohammad
5/20/2020 1:20:38 PM



#12
1,3-Dichlorobenzene
Concen: 15.20 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253468		
148	63.4	50.5	75.7	
75	27.9	24.2	36.4	





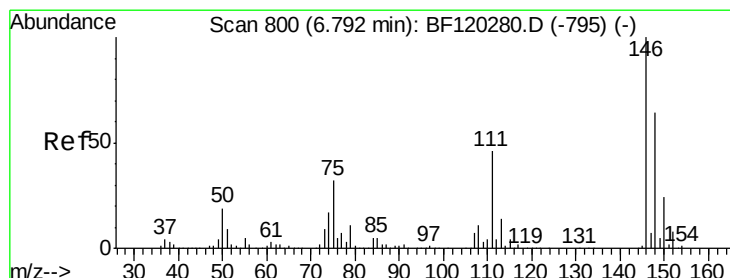
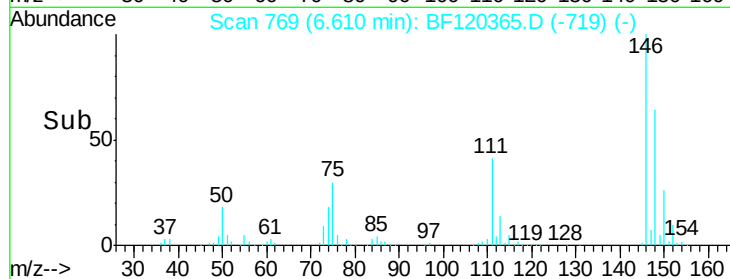
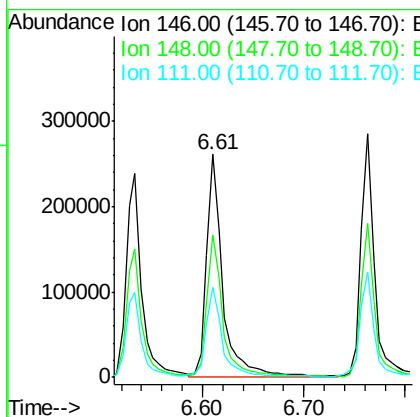
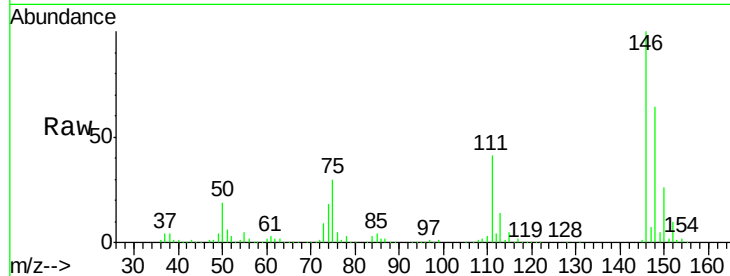
#13
 1,4-Dichlorobenzene
 Concen: 16.89 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.7	51.6	77.4
111	40.5	35.1	52.7

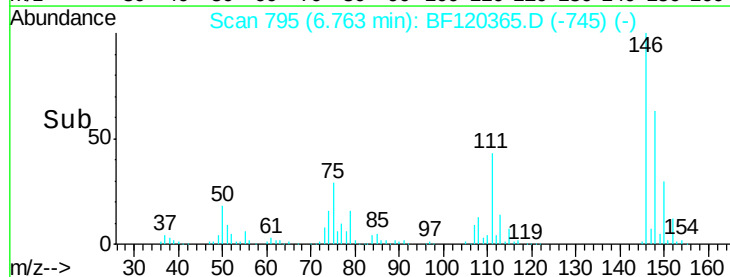
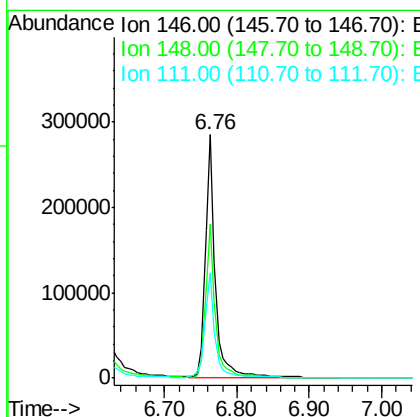
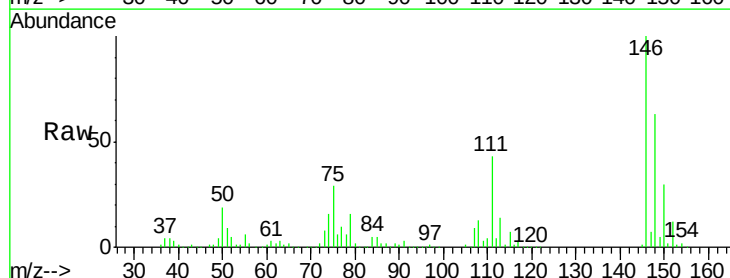
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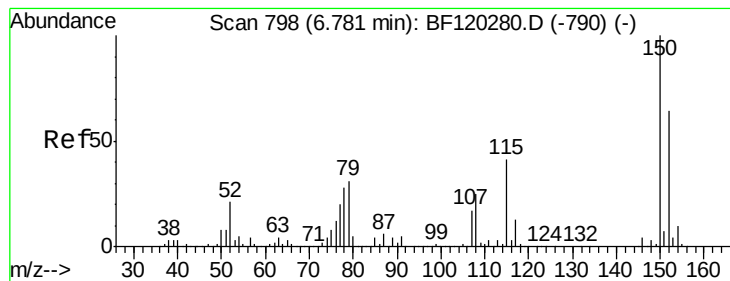
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 17.72 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.3	51.1	76.7
111	43.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 18.51 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampled :

VNJ-214MS

Tgt Ion: 79 Resp: 222323
Ion Ratio Lower Upper

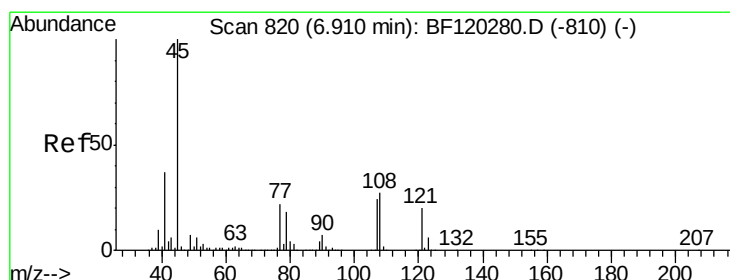
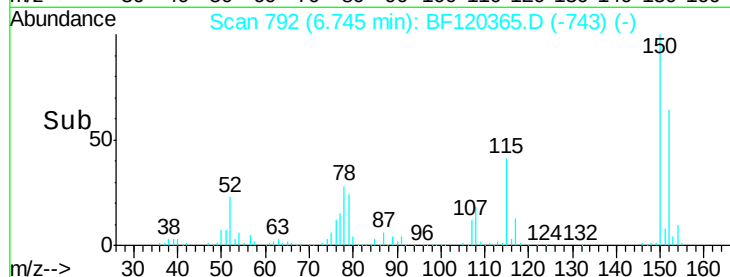
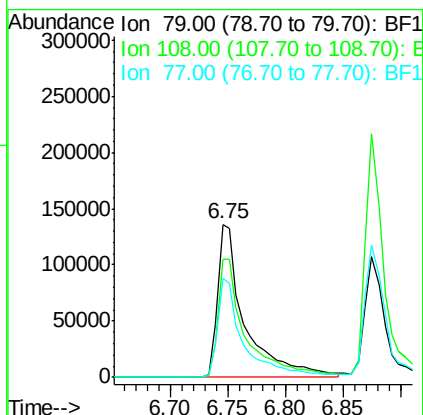
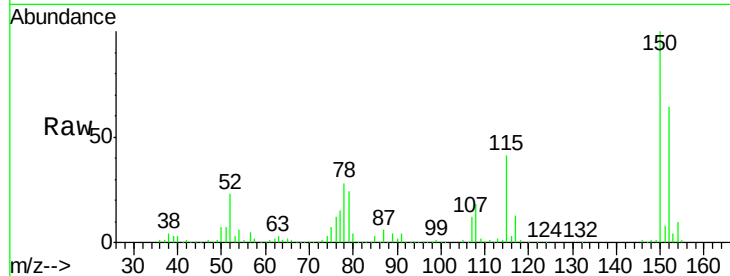
79 100

108 77.7 64.2 96.4

77 65.0 51.6 77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 17.40 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF120365.D

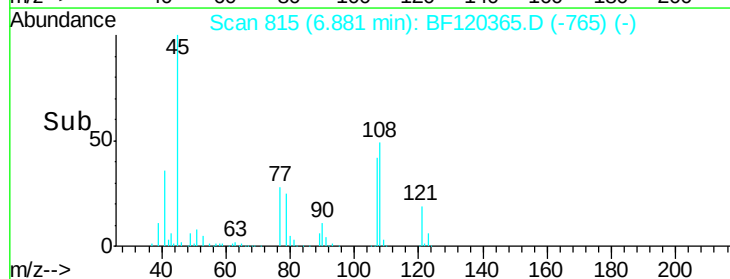
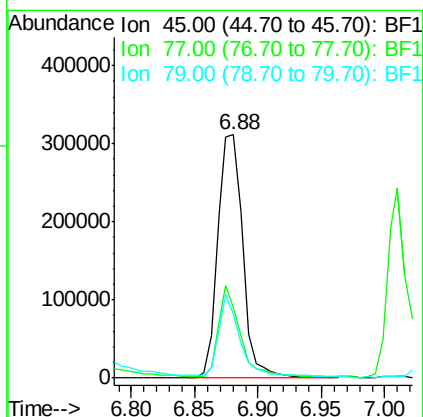
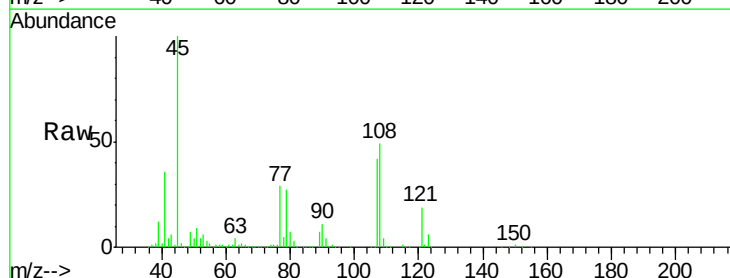
Acq: 19 May 2020 15:48

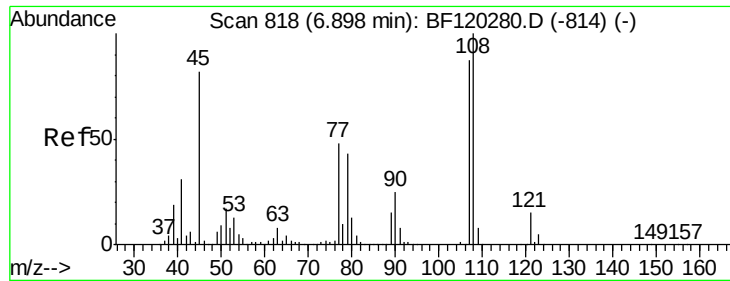
Tgt Ion: 45 Resp: 432306
Ion Ratio Lower Upper

45 100

77 29.0 3.1 43.1

79 26.5 0.0 40.0





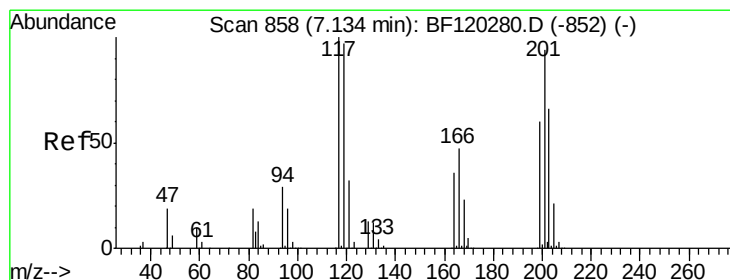
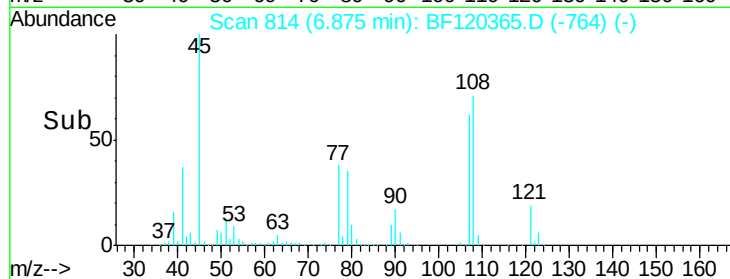
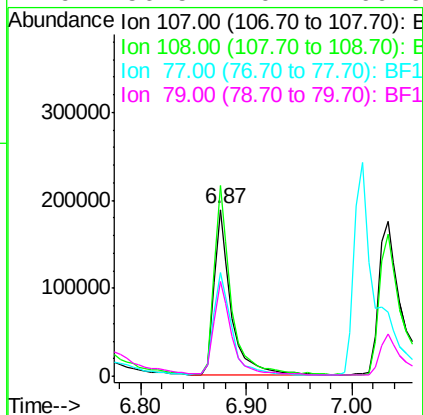
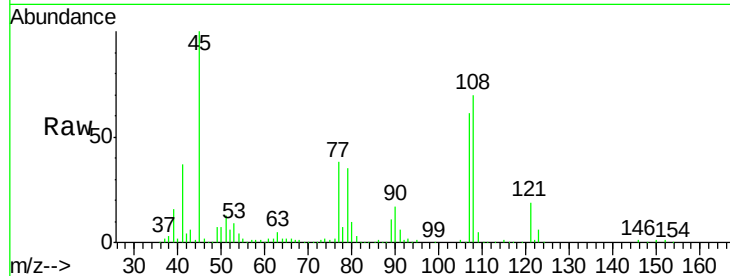
#17
2-Methylphenol
Concen: 16.36 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	114.3	92.4	138.6	
77	62.1	44.5	66.7	
79	56.5	40.4	60.6	

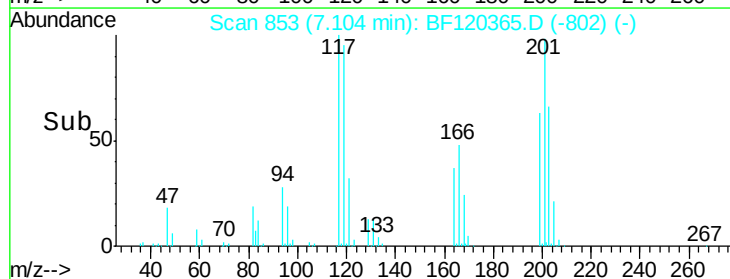
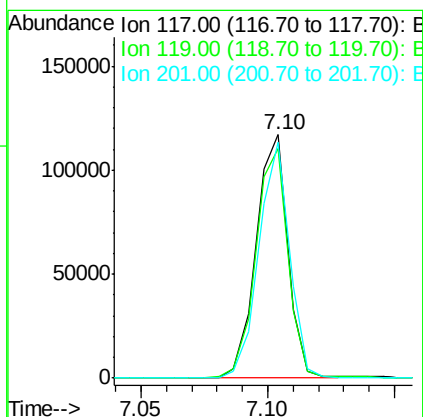
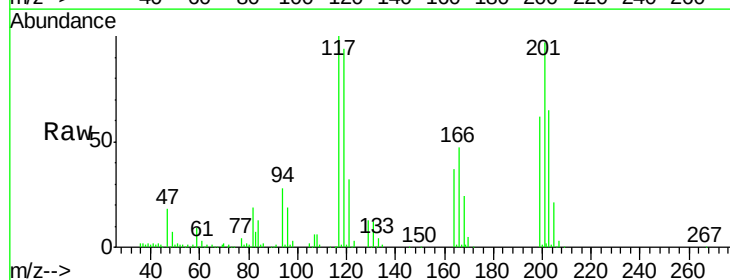
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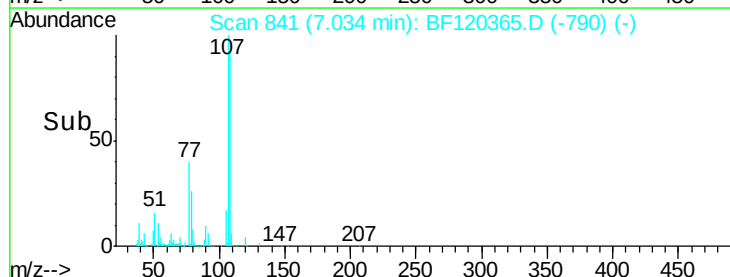
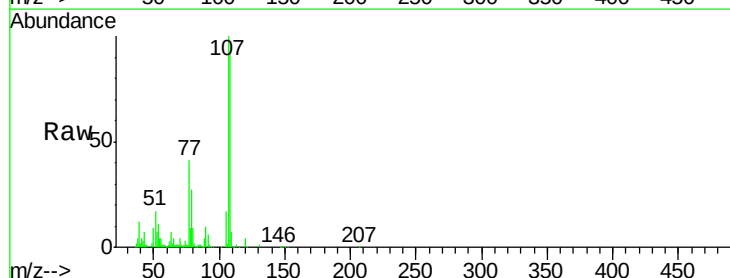
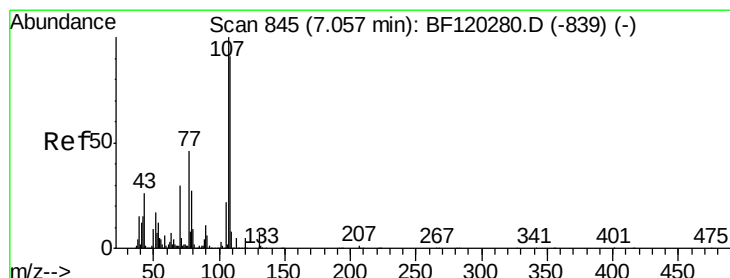
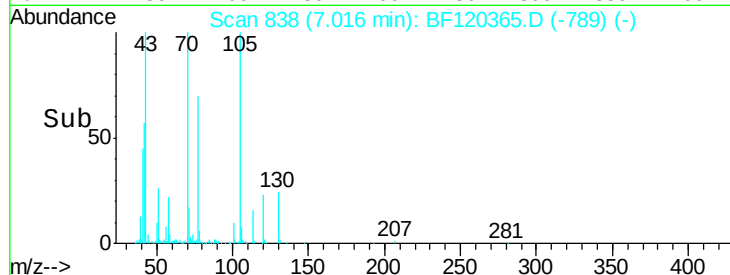
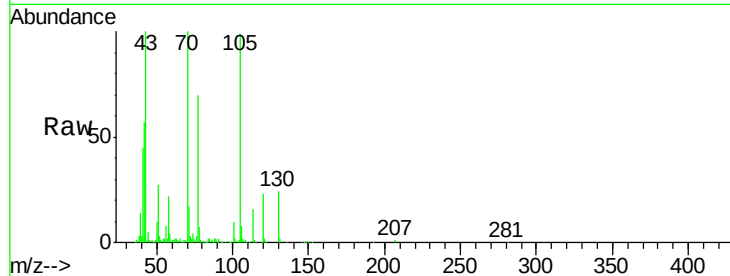
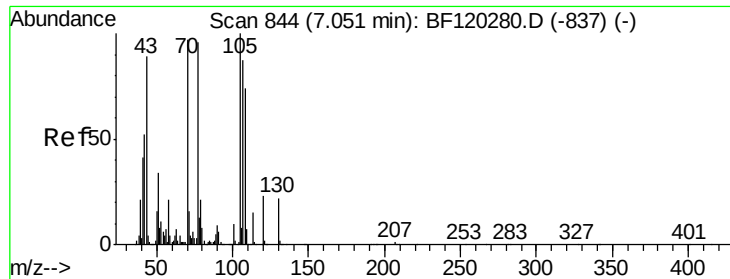
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#18
Hexachloroethane
Concen: 15.70 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

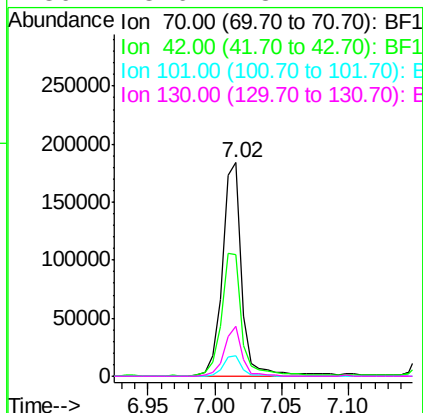
Tgt	Ion	Resp	Lower	Upper
117	100			
119	94.3	77.4	116.0	
201	96.8	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 17.21 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.0	43.4	65.0
101	9.9	7.8	11.8
130	23.6	18.2	27.4



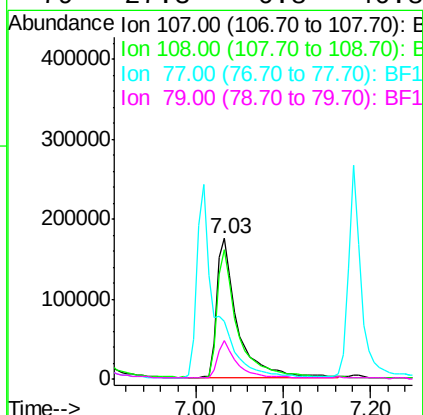
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

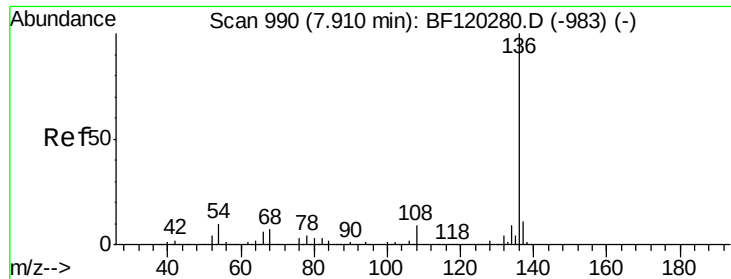
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#20
3+4-Methylphenols
Concen: 16.92 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.1	111.1
77	41.3	28.1	68.1
79	27.3	6.8	46.8





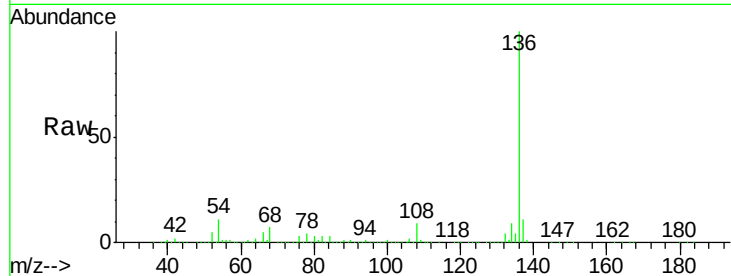
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

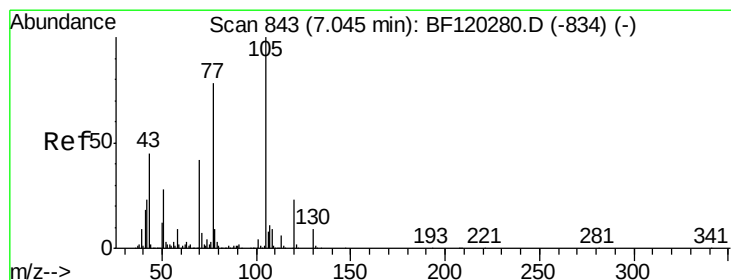
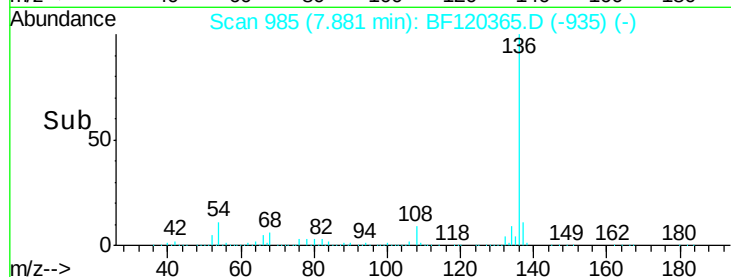
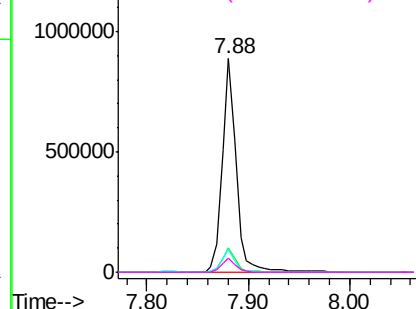
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	856649		
137	11.4		9.1	13.7
54	10.6		7.9	11.9
68	6.5		5.4	8.2

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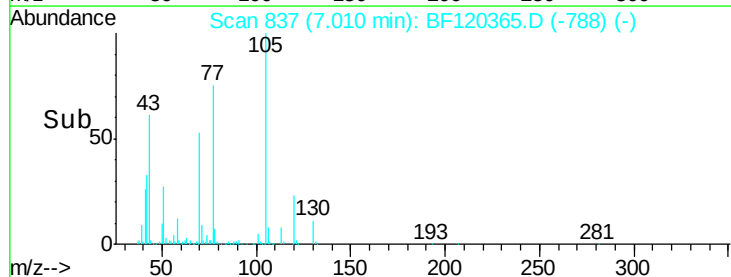
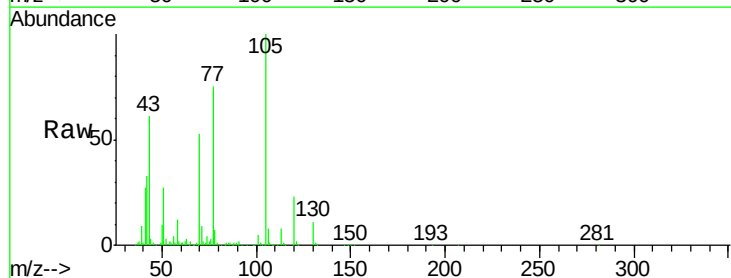
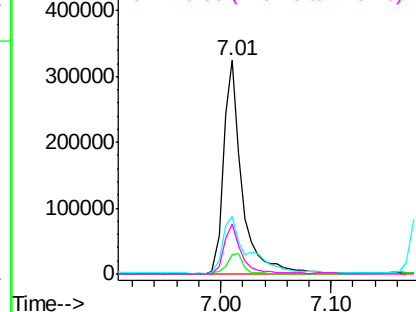
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

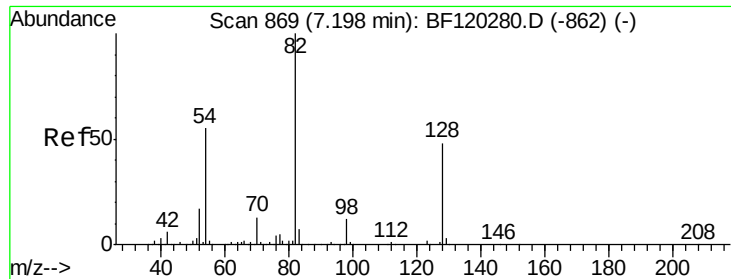


#22
Acetophenone
Concen: 21.63 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379518		
71	9.3		5.6	8.4#
51	27.2		22.6	34.0
120	23.3		18.7	28.1

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





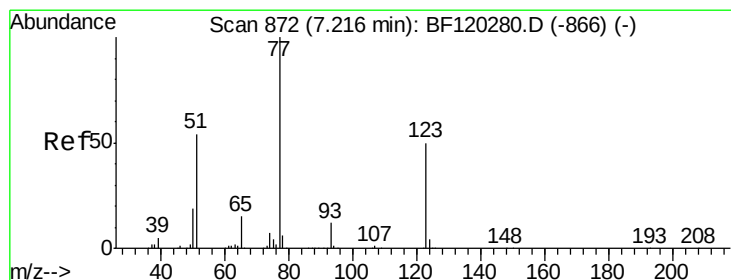
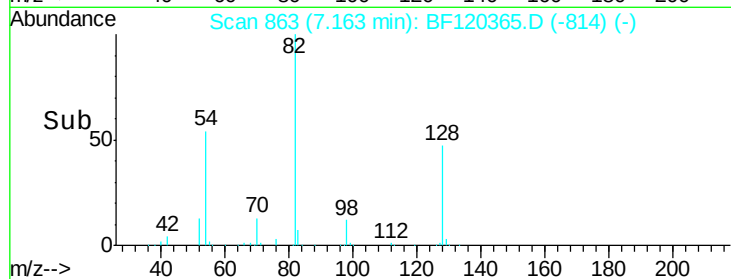
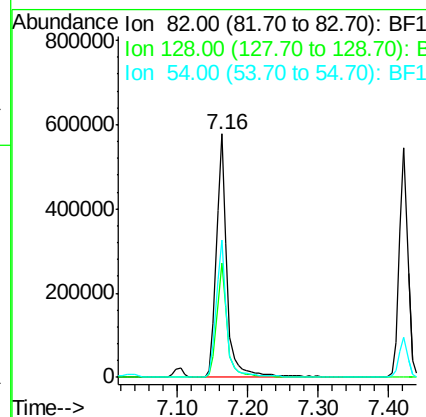
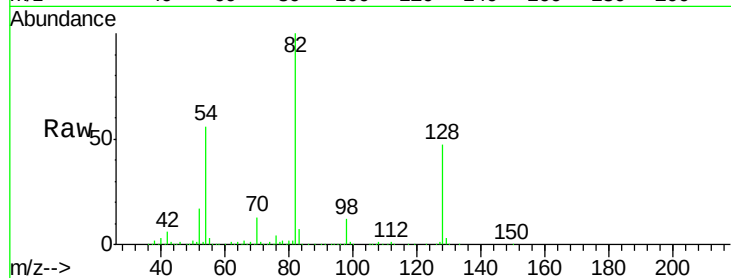
#23
 Nitrobenzene-d5
 Concen: 48.98 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	612823		
128	47.0	38.3	57.5	
54	56.3	43.9	65.9	

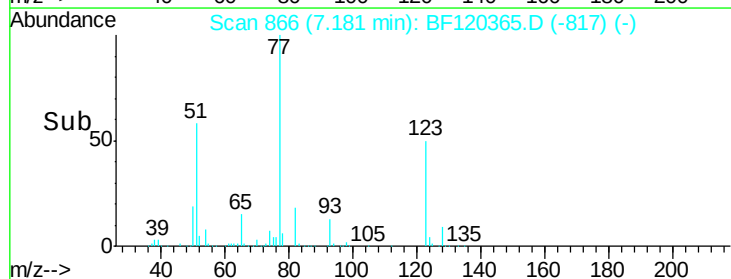
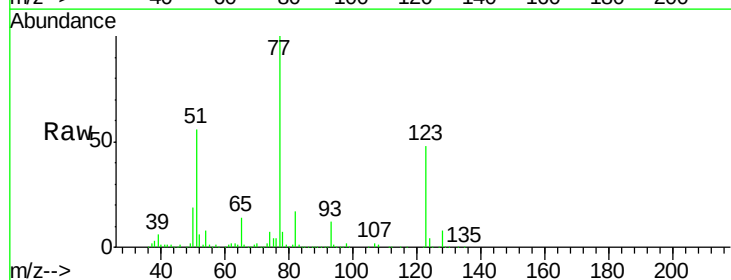
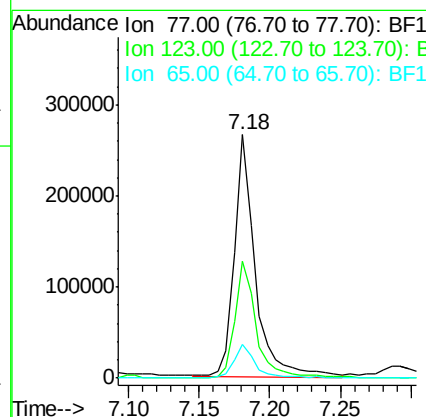
Manual Integrations
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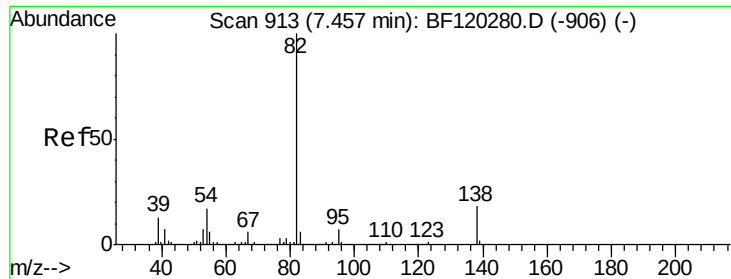
mohammad
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#24
 Nitrobenzene
 Concen: 20.53 ng
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276494		
123	48.0	40.0	60.0	
65	14.1	11.7	17.5	





#25

Isophorone

Concen: 17.54 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

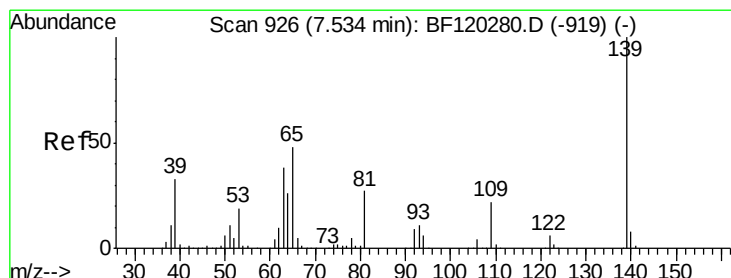
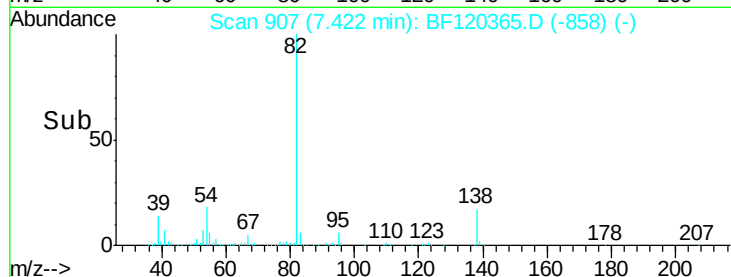
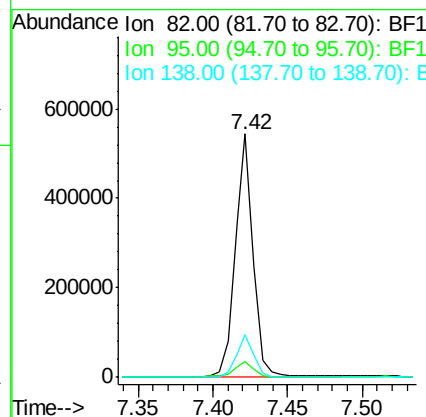
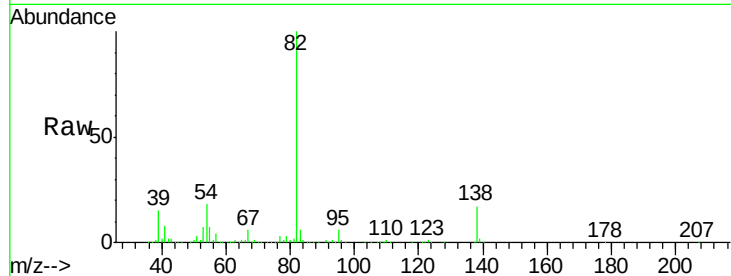
ClientSampleId :

VNJ-214MS

Tgt Ion:	82	Resp:	456720
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.4	8.0
138	17.3	14.7	22.1

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#26

2-Nitrophenol

Concen: 18.67 ng

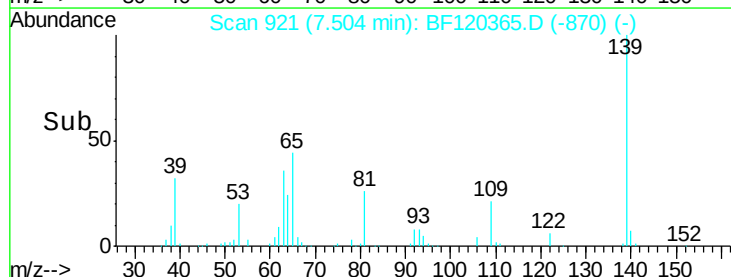
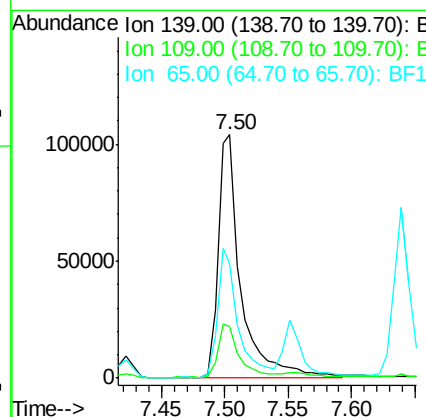
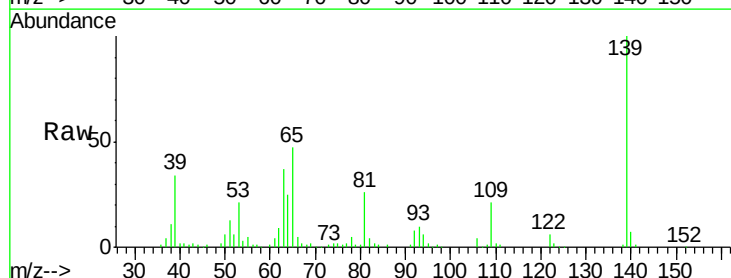
RT: 7.50 min Scan# 921

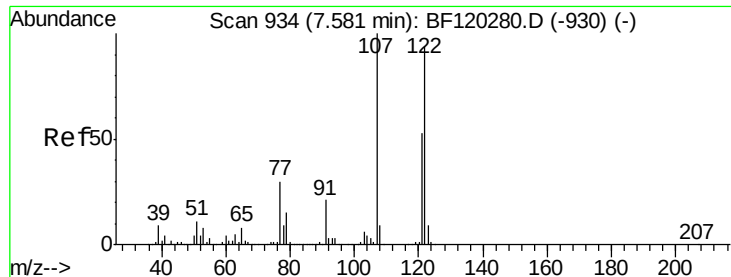
Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	139	Resp:	131513
Ion Ratio	Lower	Upper	
139	100		
109	21.4	17.7	26.5
65	46.7	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 20.46 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

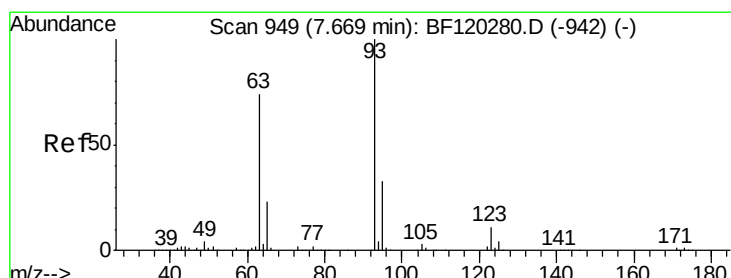
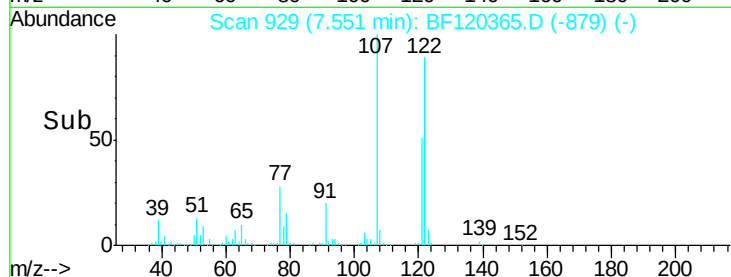
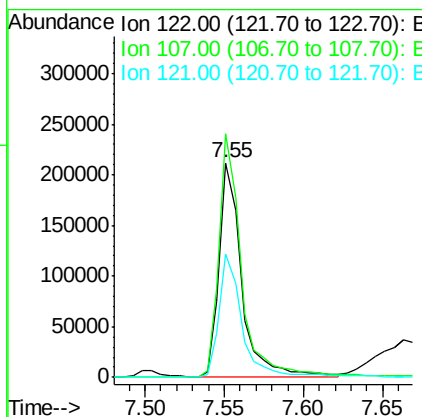
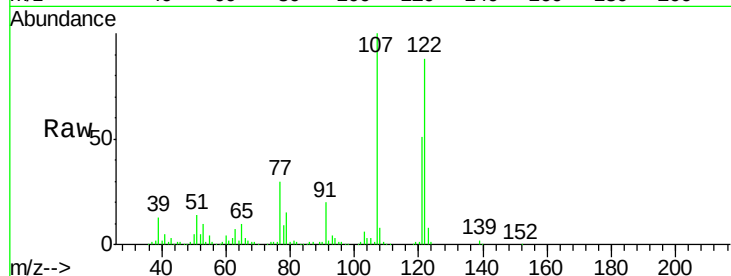
ClientSampleId :

VNJ-214MS

Tgt Ion:	122	Resp:	209582
Ion Ratio	Lower	Upper	
122	100		
107	113.4	85.0	127.6
121	57.3	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 18.54 ng

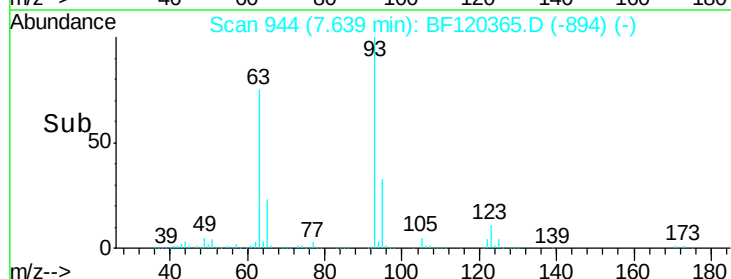
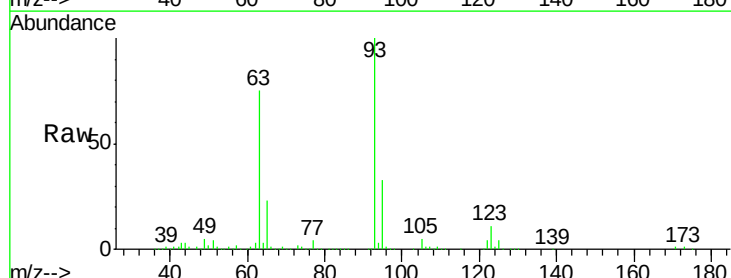
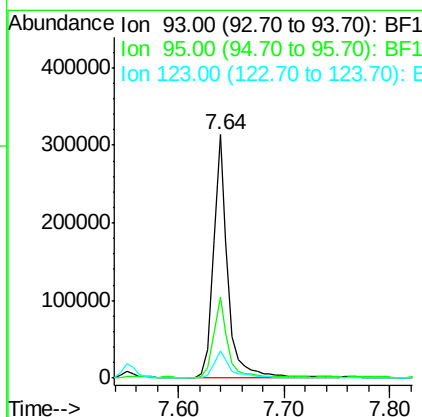
RT: 7.64 min Scan# 944

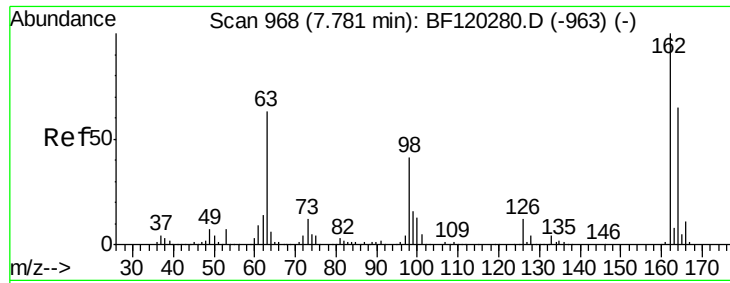
Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	93	Resp:	303433
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.1	9.2	13.8





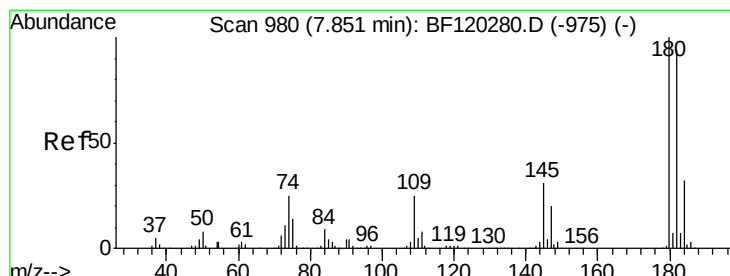
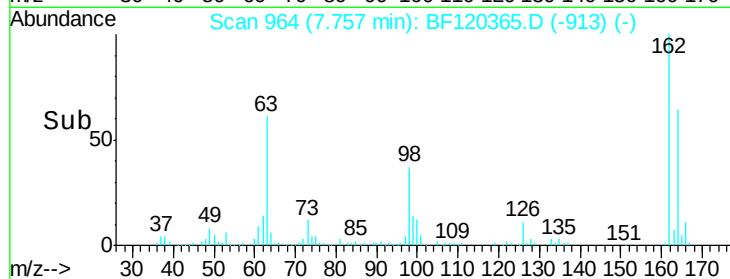
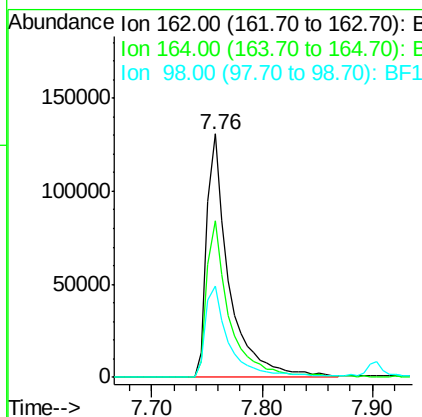
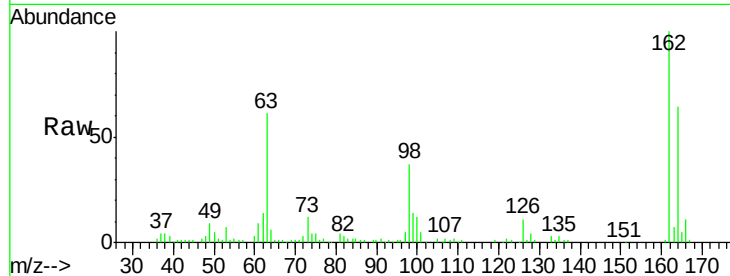
#29
 2,4-Dichlorophenol
 Concen: 17.08 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	179749		
164	64.1	44.9	84.9	
98	37.4	20.7	60.7	

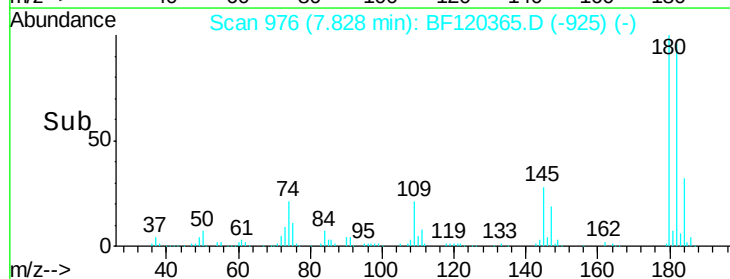
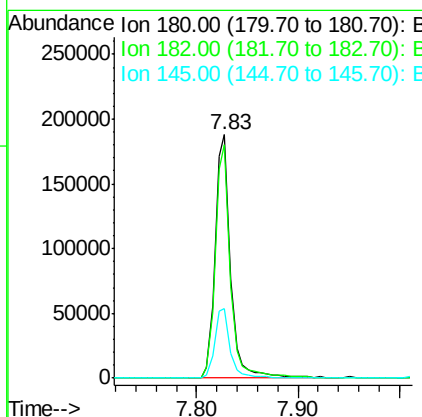
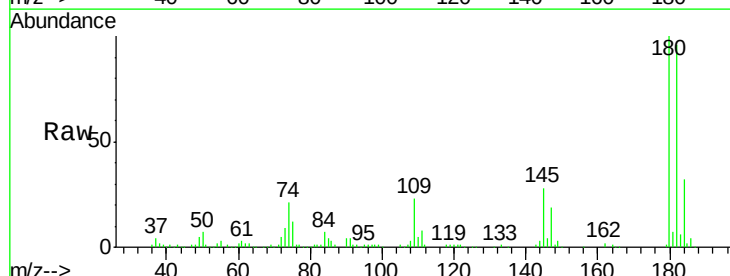
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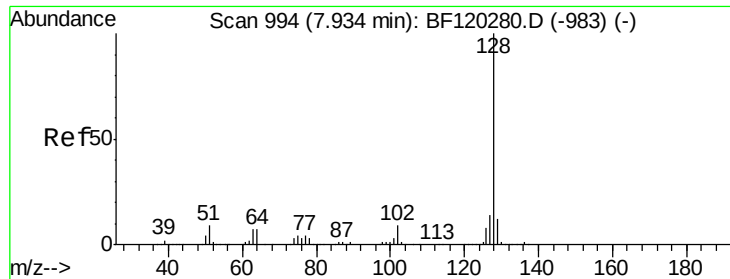
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#30
 1,2,4-Trichlorobenzene
 Concen: 17.09 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199283		
182	96.1	75.3	112.9	
145	28.5	24.9	37.3	





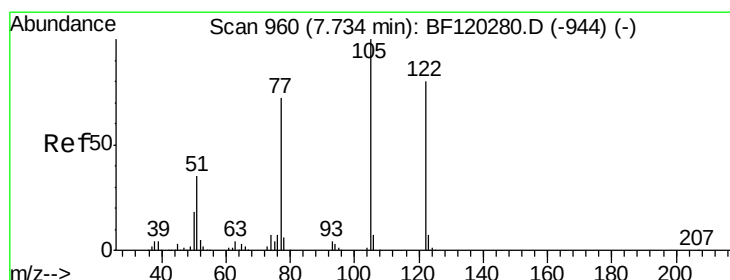
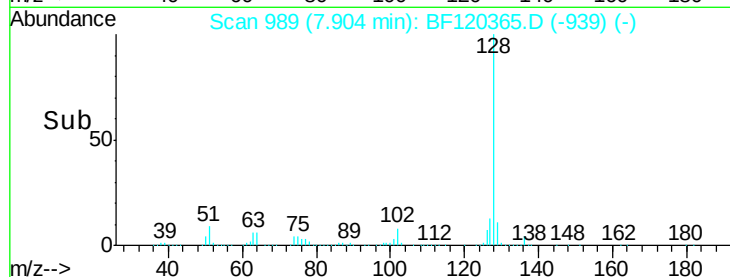
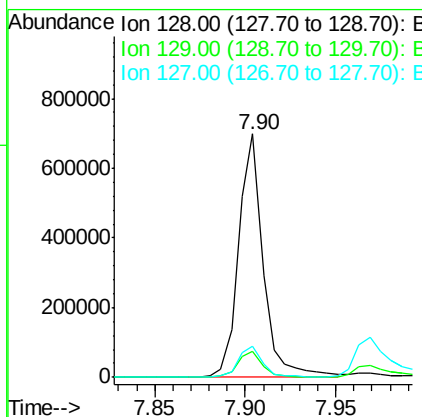
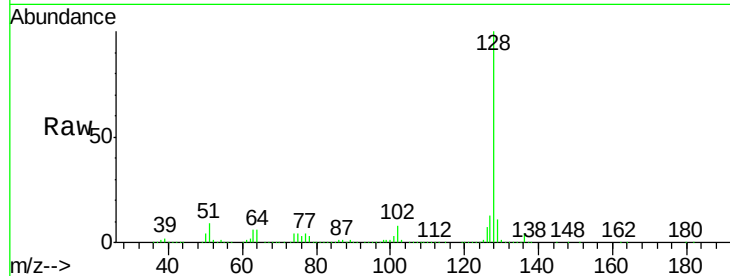
#31
Naphthalene
Concen: 18.25 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	659916		
129	10.9	9.3	13.9	
127	13.0	11.2	16.8	

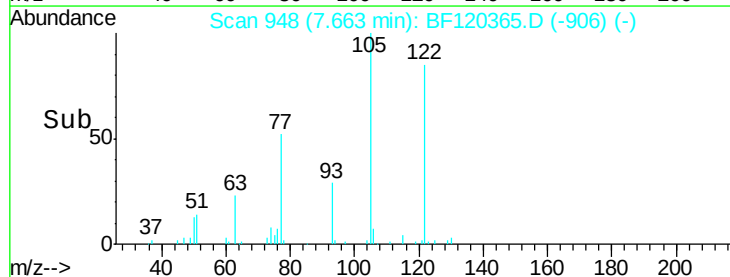
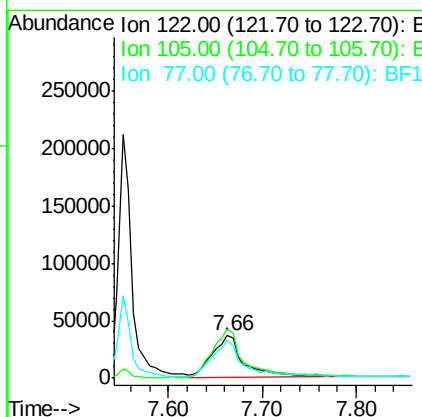
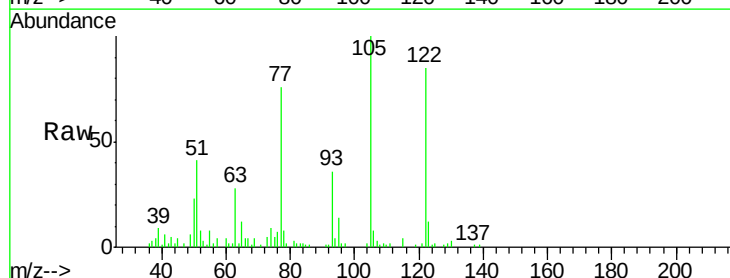
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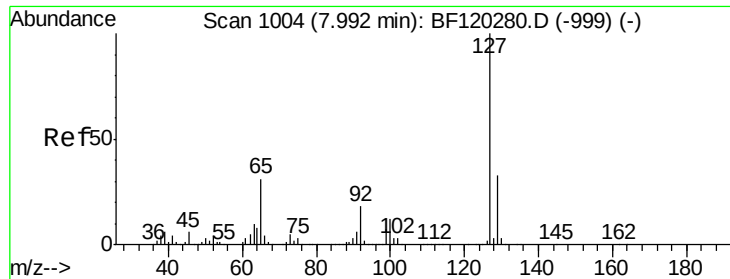
mohammad
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#32
Benzoic acid
Concen: 12.60 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84609		
105	117.4	98.1	138.1	
77	89.1	66.7	106.7	





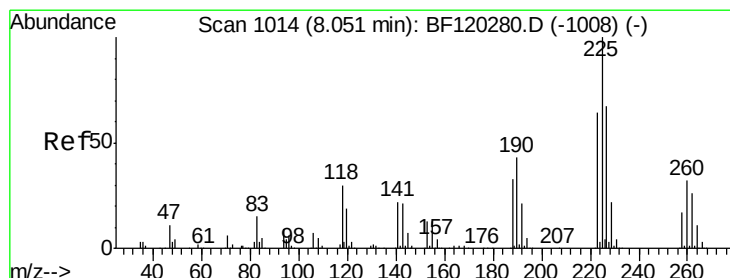
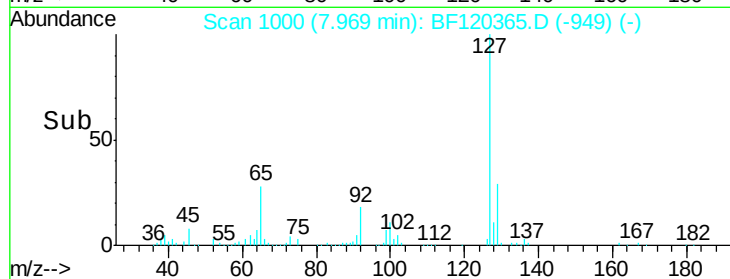
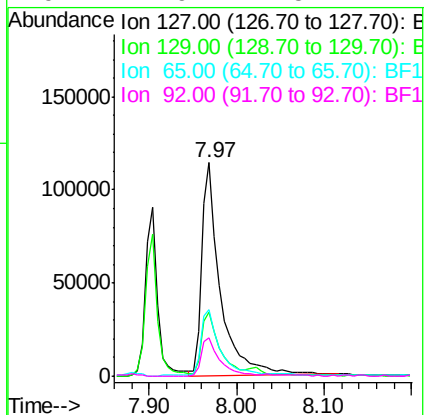
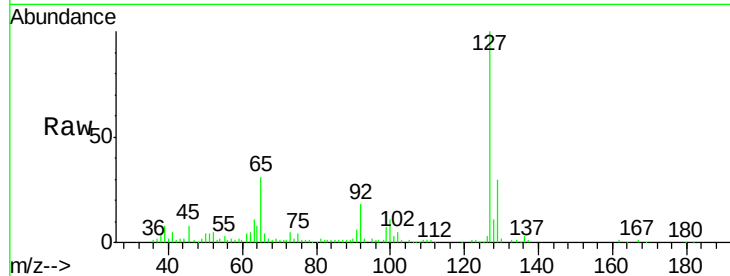
#33
4-Chloroaniline
Concen: 10.22 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	168360		
129	29.7	26.4	39.6	
65	31.2	24.8	37.2	
92	17.9	14.5	21.7	

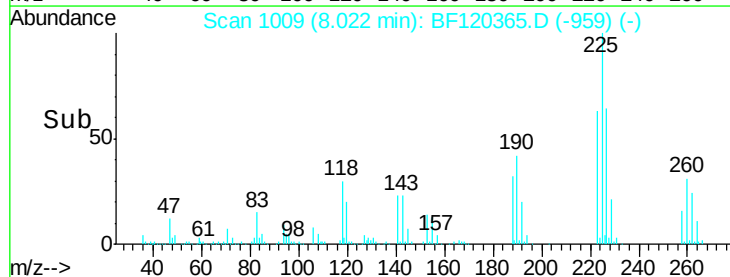
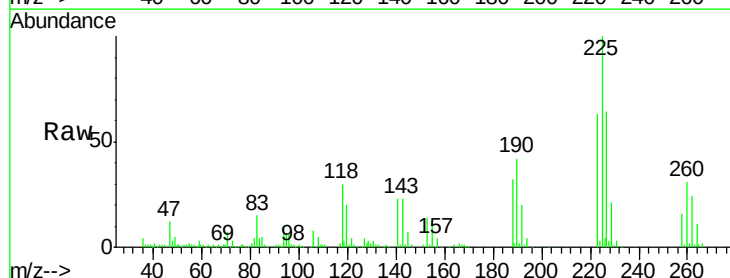
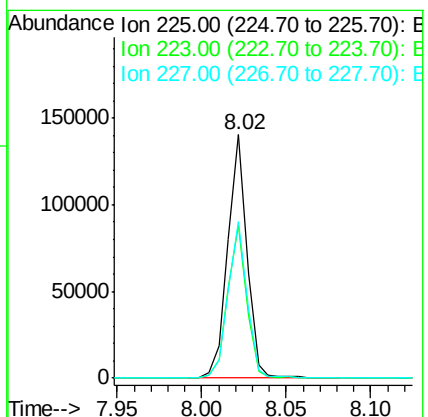
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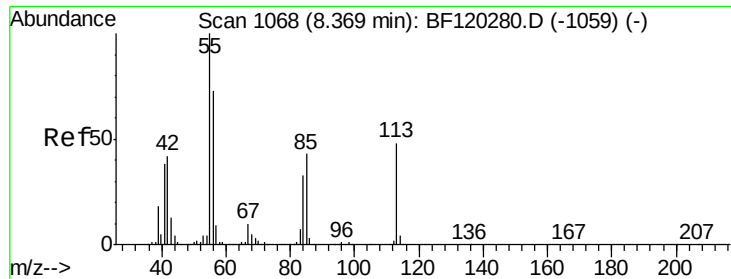
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#34
Hexachlorobutadiene
Concen: 16.50 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111166		
223	62.9	51.4	77.0	
227	64.3	54.0	81.0	





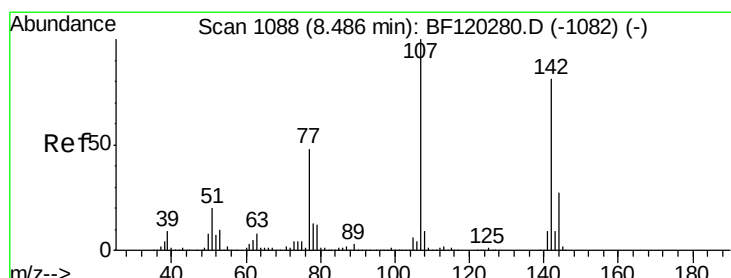
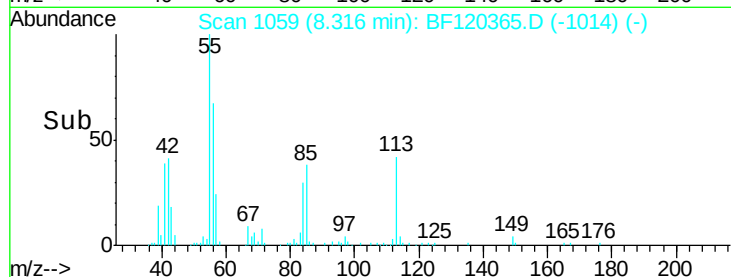
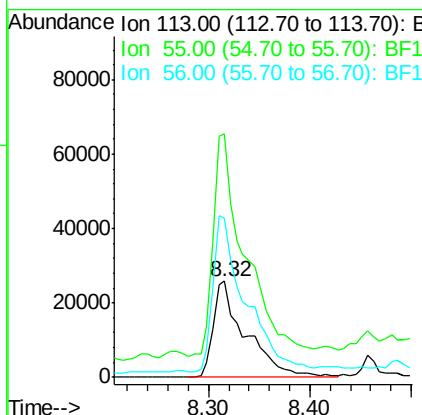
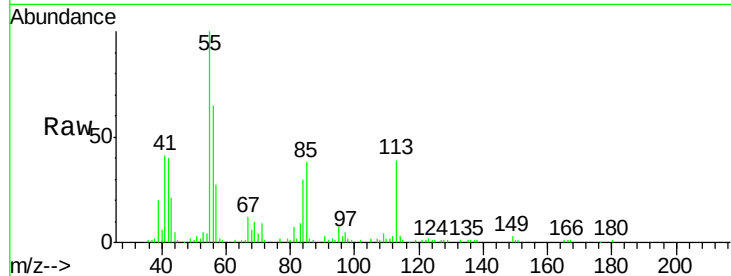
#35
 Caprolactam
 Concen: 16.85 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. -0.04 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	254.1	190.4	230.4#
56	166.3	132.7	172.7

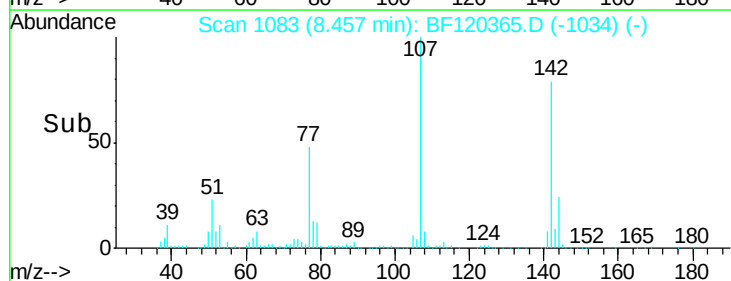
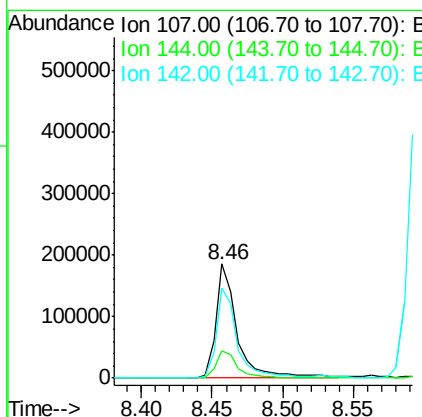
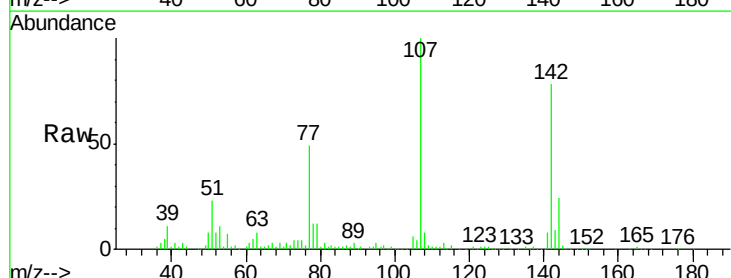
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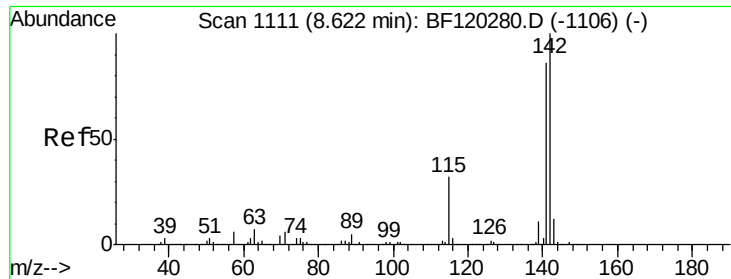
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#36
 4-Chloro-3-methylphenol
 Concen: 16.40 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	21.4	32.2
142	78.4	65.1	97.7





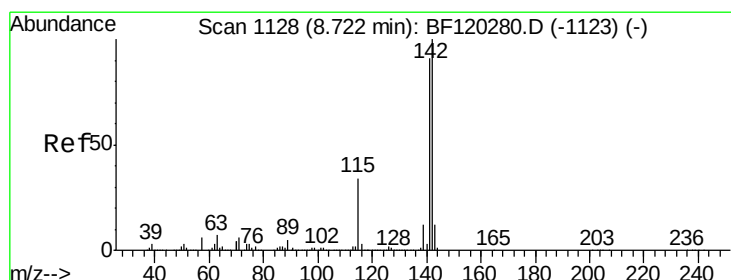
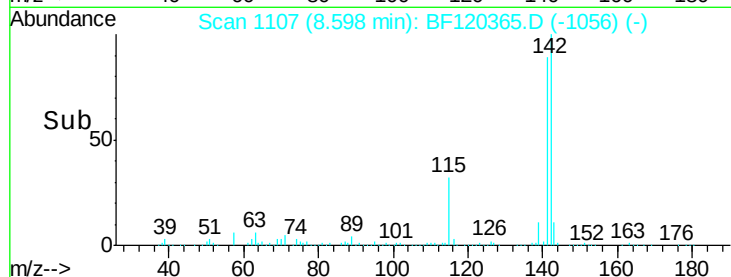
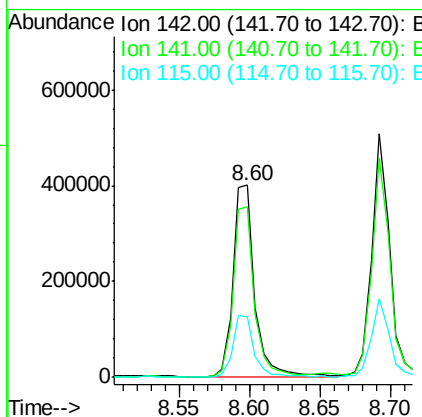
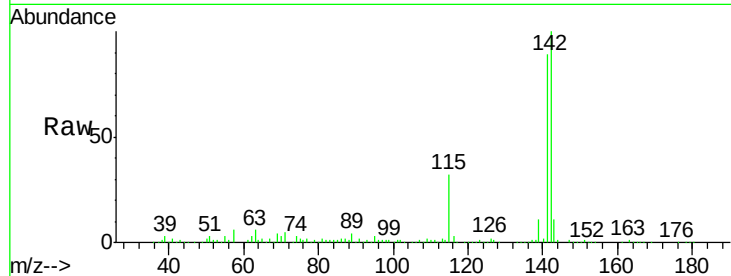
#37
2-Methylnaphthalene
Concen: 17.23 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	426356		
141	89.2	68.8	103.2	
115	31.6	25.7	38.5	

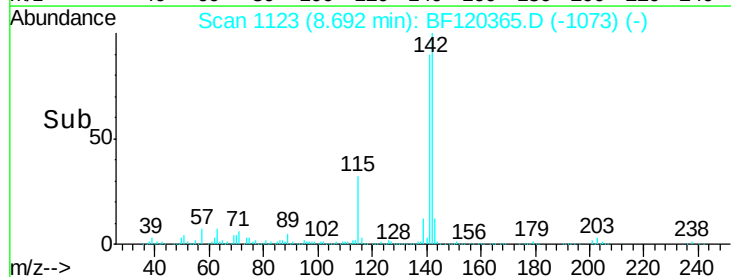
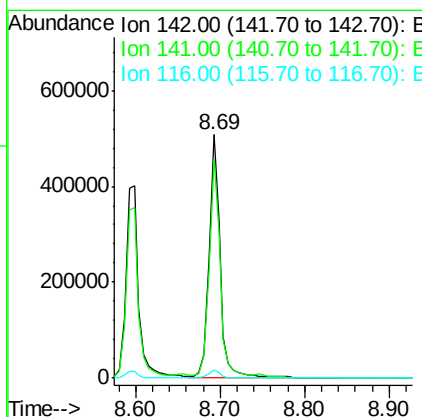
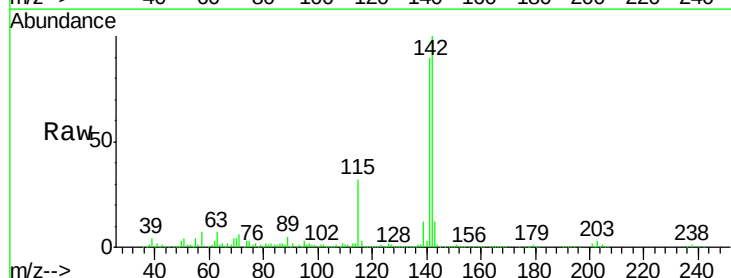
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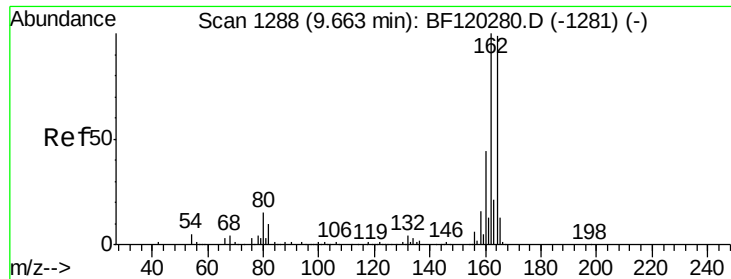
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#38
1-Methylnaphthalene
Concen: 19.60 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	470303		
141	90.1	73.0	109.6	
116	3.4	2.7	4.1	





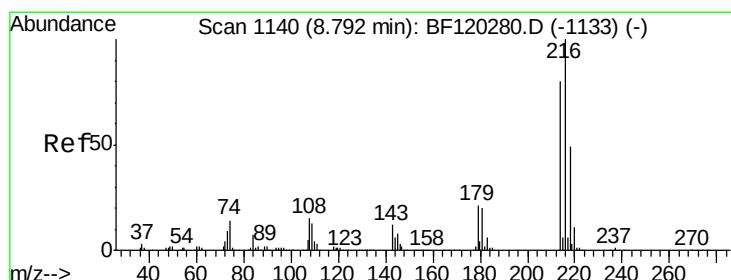
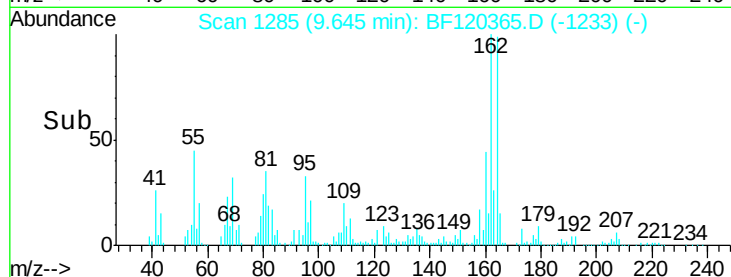
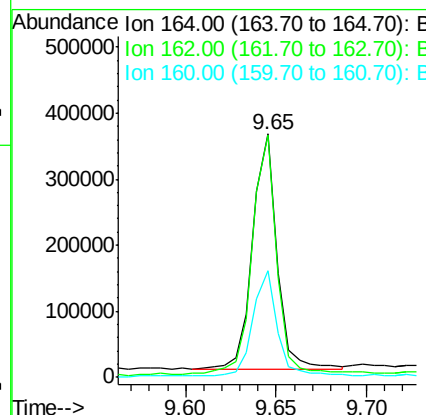
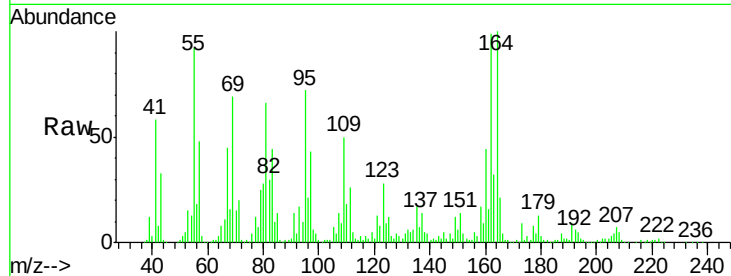
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	333134		
162	99.4	81.2	121.8	
160	44.0	35.8	53.6	

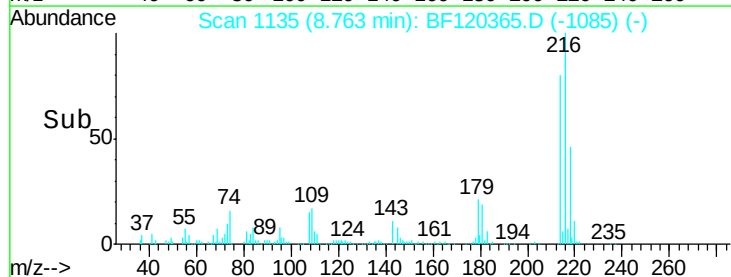
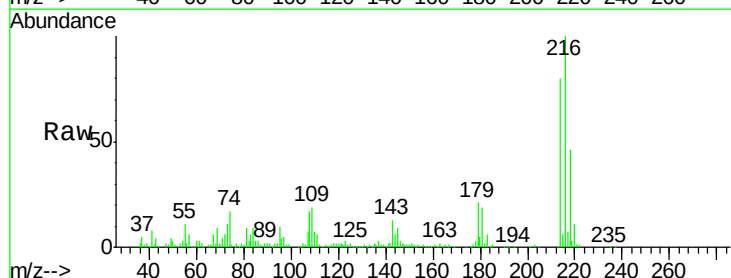
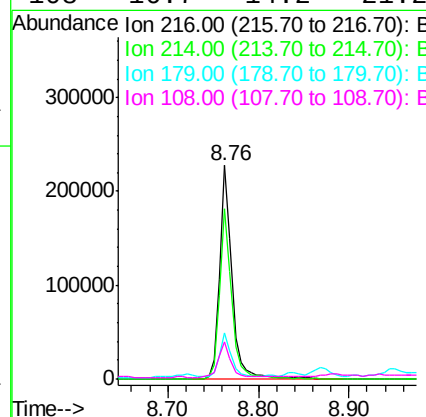
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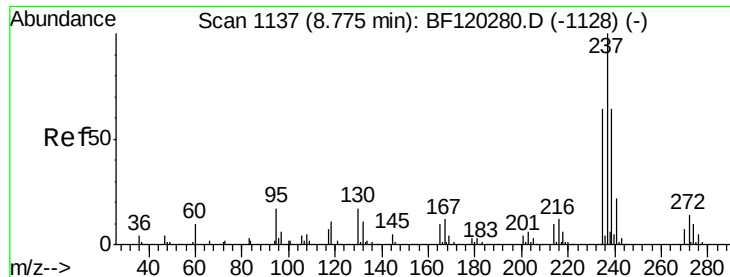
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.54 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	214540		
214	79.6	64.0	96.0	
179	18.4	16.9	25.3	
108	16.7	14.2	21.2	





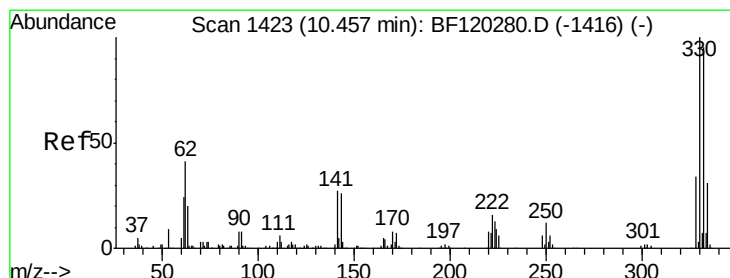
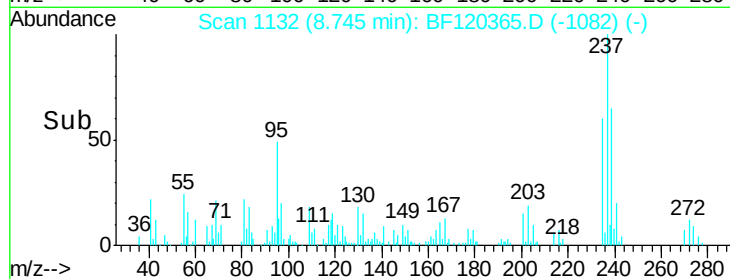
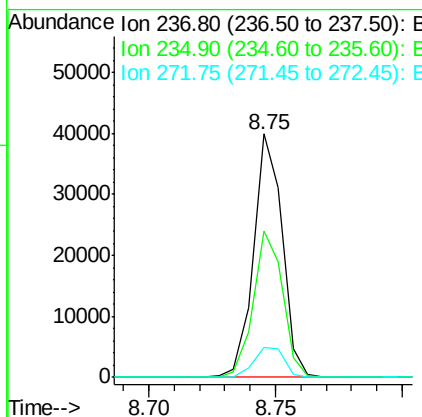
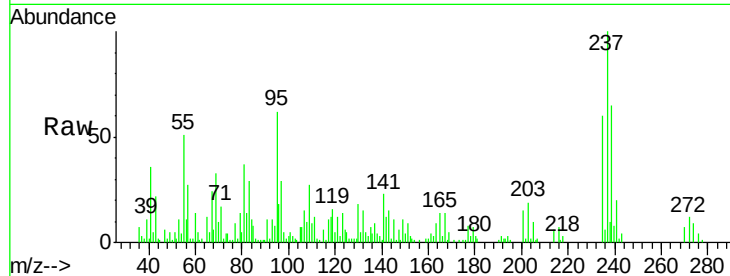
#41
Hexachlorocyclopentadiene
Concen: 14.97 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:	237	Resp:	31518
Ion Ratio	Lower	Upper	
237	100		
235	59.9	43.8	83.8
272	12.4	0.0	33.9

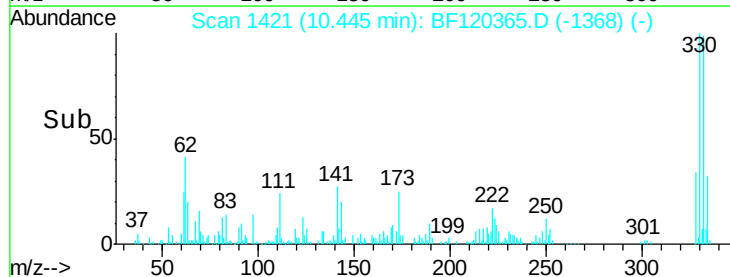
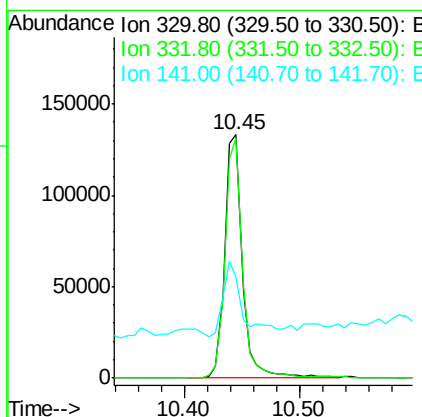
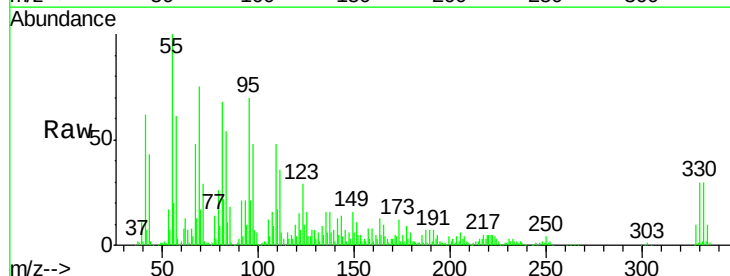
Manual Integrations
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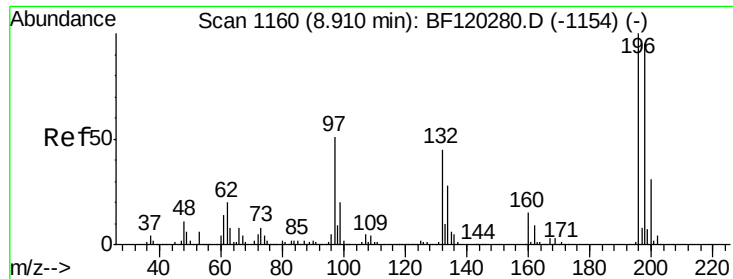
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#42
2,4,6-Tribromophenol
Concen: 52.65 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:	330	Resp:	143004
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.5	114.7
141	35.8	25.4	38.0





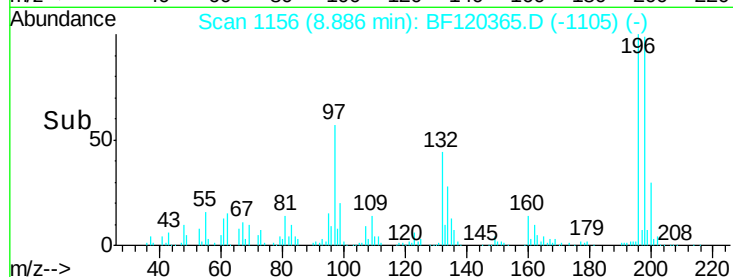
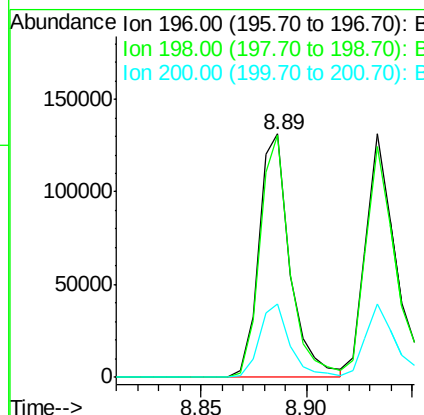
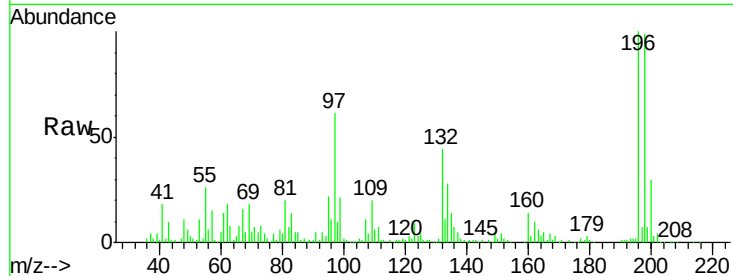
#43
 2,4,6-Trichlorophenol
 Concen: 24.03 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135502		
198	99.4	76.2	114.4	
200	30.2	24.9	37.3	

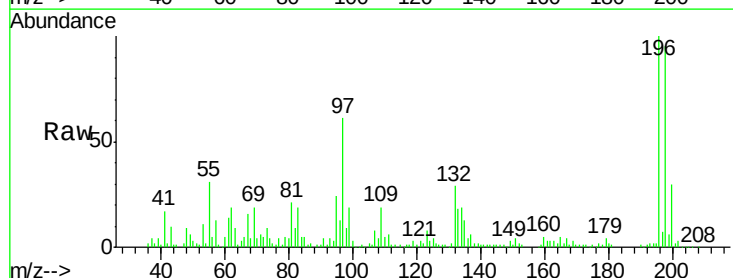
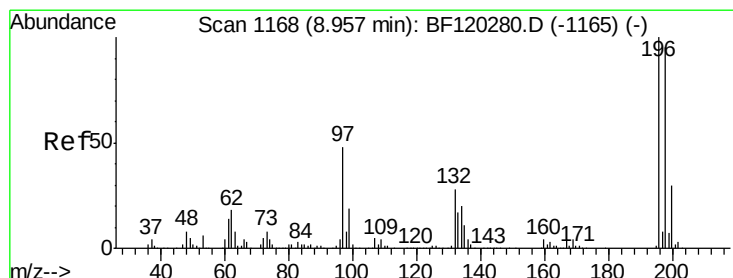
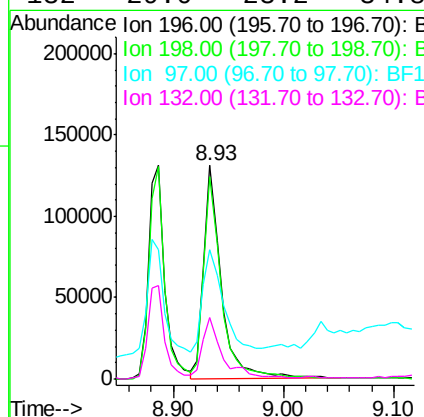
Manual Integrations
 APPROVED

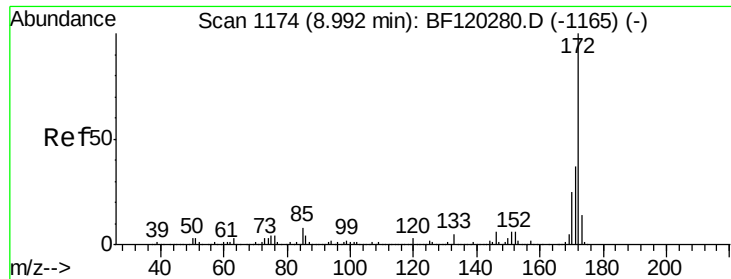
mohammad
 5/20/2020 1:20:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 21.66 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140271		
198	94.9	76.2	114.4	
97	60.7	38.6	57.8#	
132	29.0	23.2	34.8	





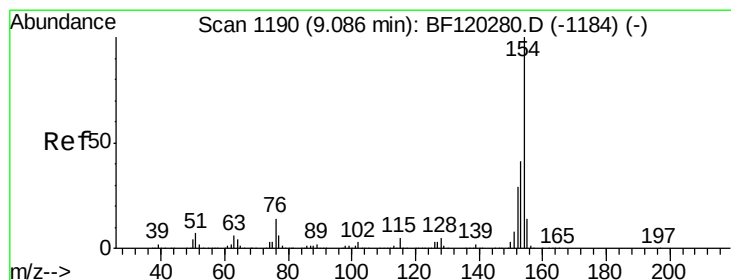
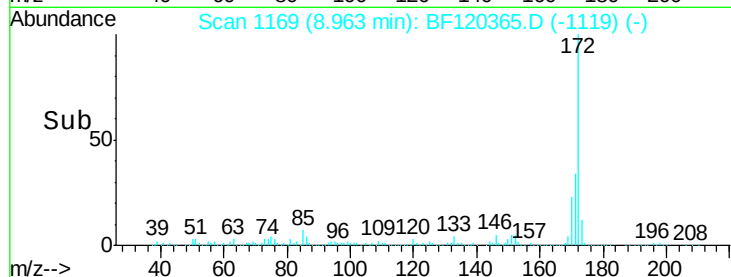
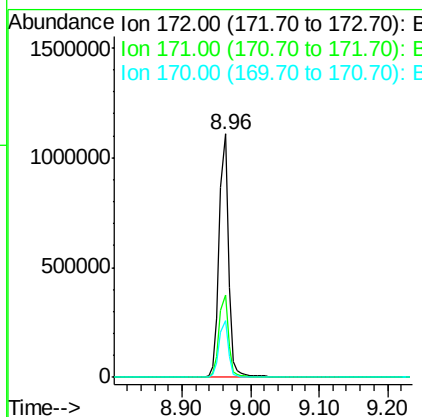
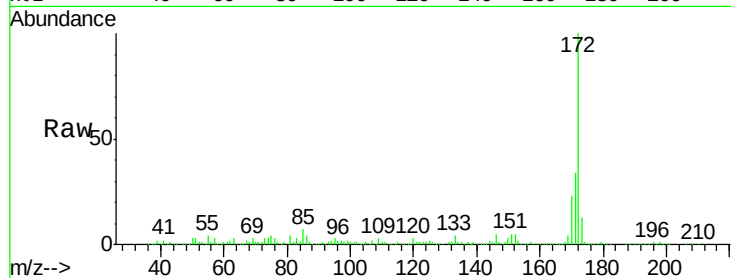
#45
 2-Fluorobiphenyl
 Concen: 63.66 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	23.1	19.9	29.9

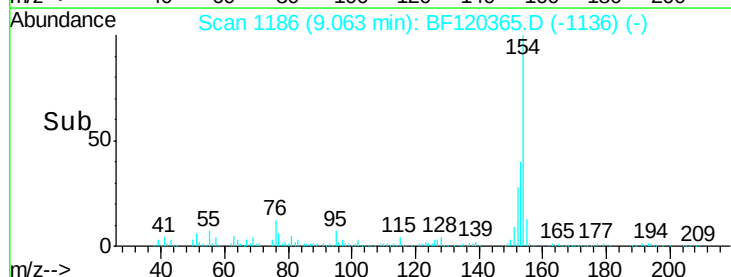
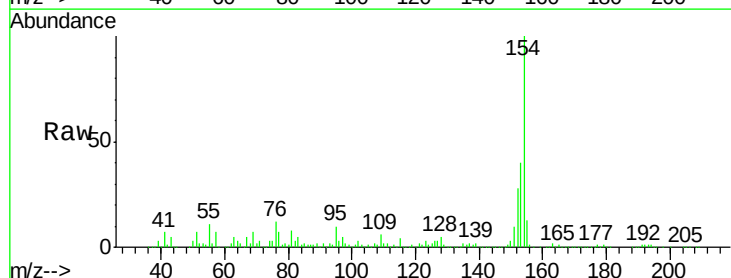
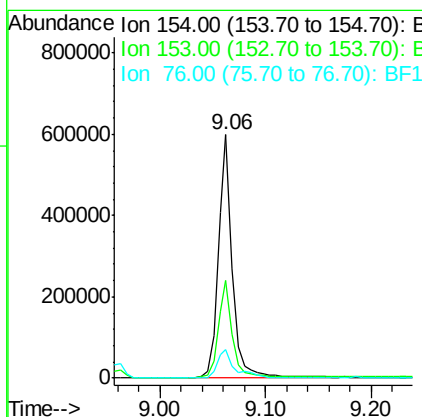
Manual Integrations
 APPROVED

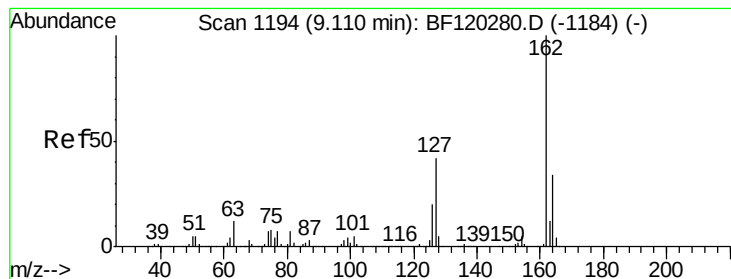
mohammad
 5/20/2020 1:20:38 PM



#46
 1,1'-Biphenyl
 Concen: 25.68 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	11.8	0.0	34.3





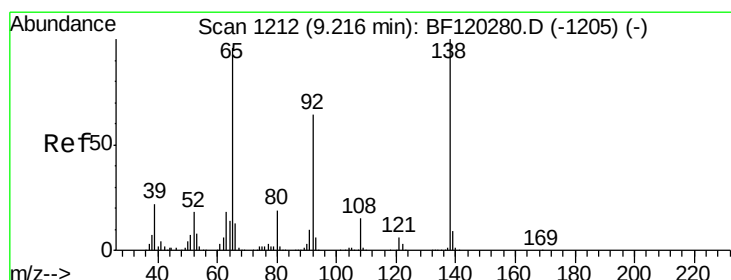
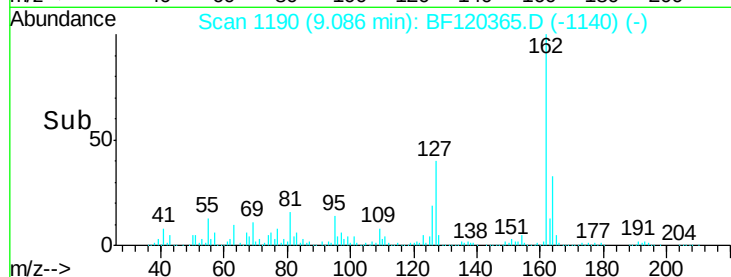
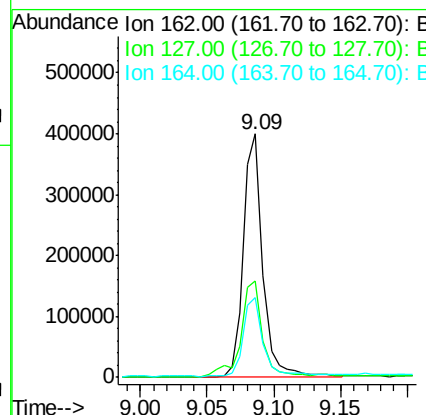
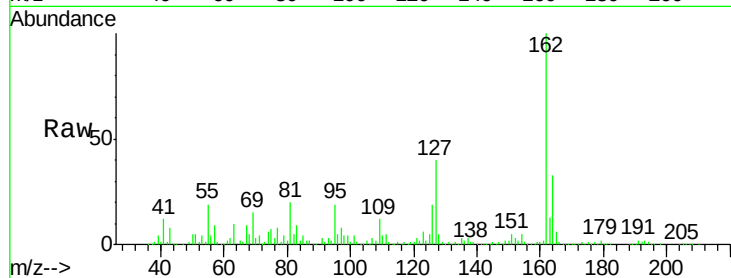
#47
 2-Chloronaphthalene
 Concen: 23.12 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	404776		
127	39.7	33.4	50.0	
164	33.0	27.0	40.6	

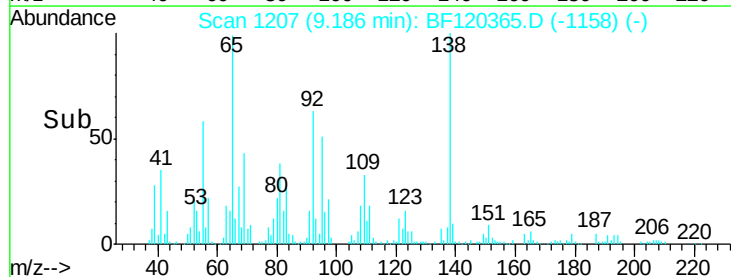
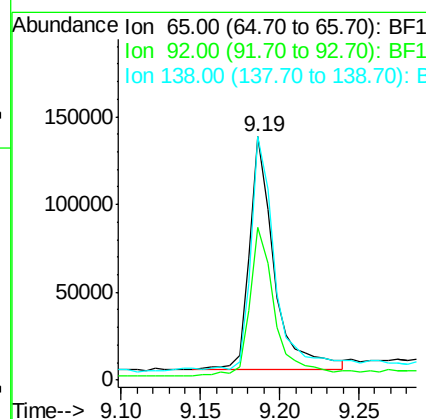
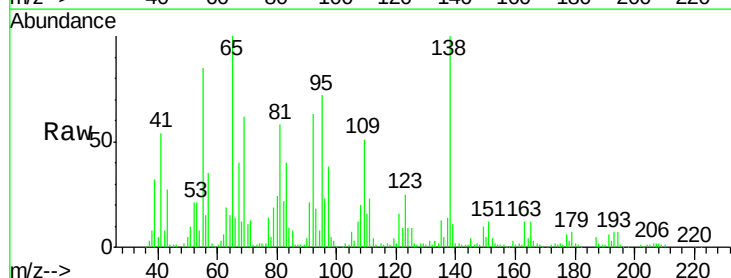
Manual Integrations
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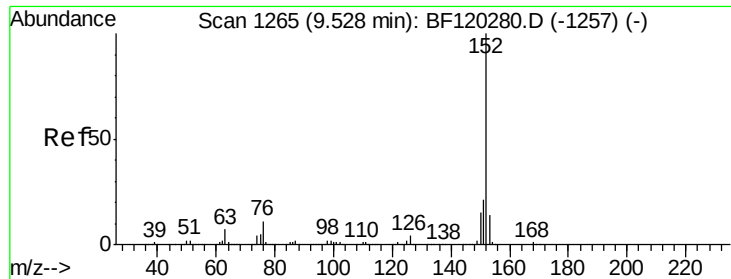
mohammad
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#48
 2-Nitroaniline
 Concen: 22.06 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	140895		
92	63.1	52.9	79.3	
138	100.2	83.0	124.4	





#49

Acenaphthylene

Concen: 25.34 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

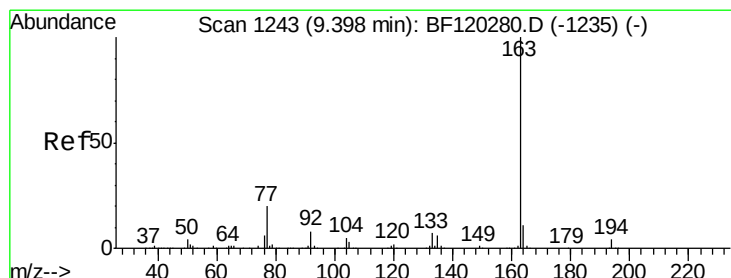
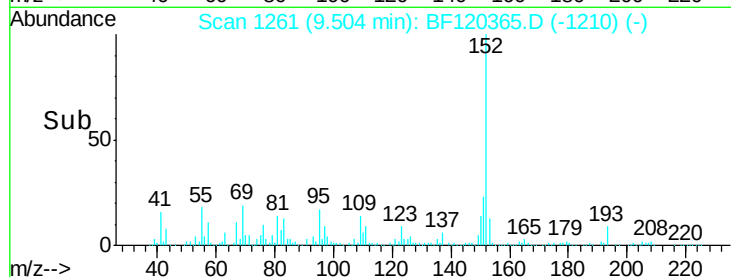
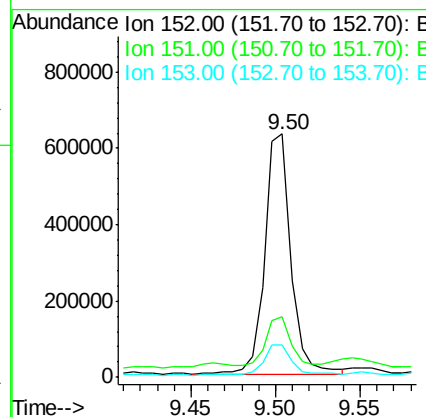
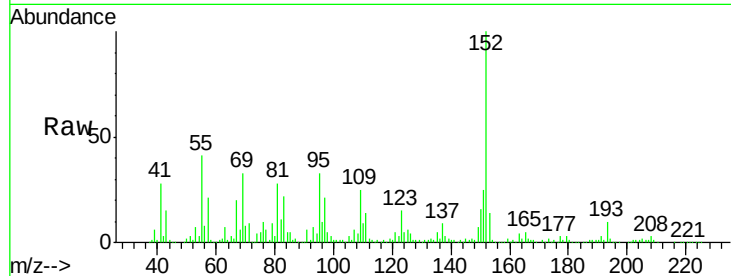
ClientSampleId :

VNJ-214MS

Tgt Ion:	152	Resp:	677808
Ion Ratio	Lower	Upper	
152	100		
151	25.0	16.6	25.0#
153	13.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 29.47 ng

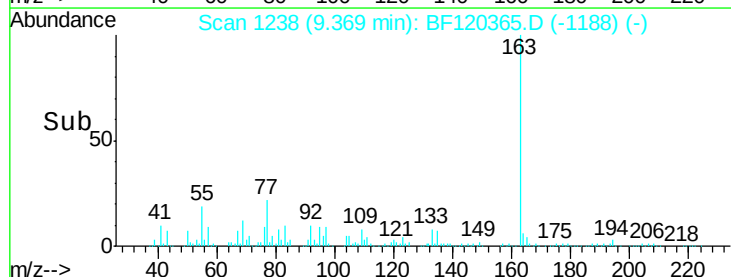
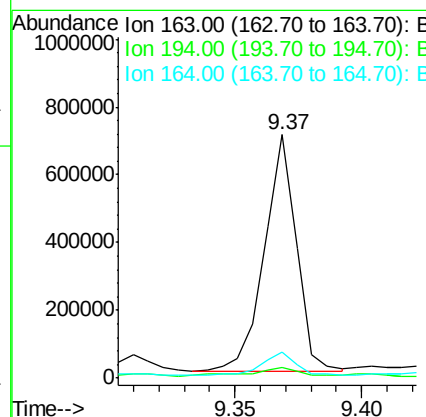
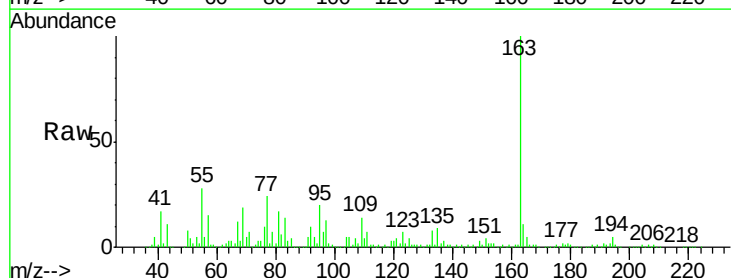
RT: 9.37 min Scan# 1238

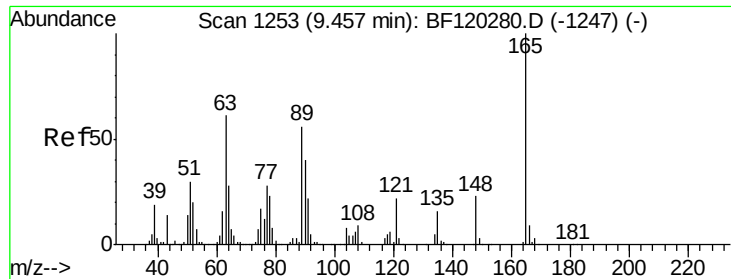
Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	163	Resp:	620624
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.1	4.7
164	10.6	8.6	12.8





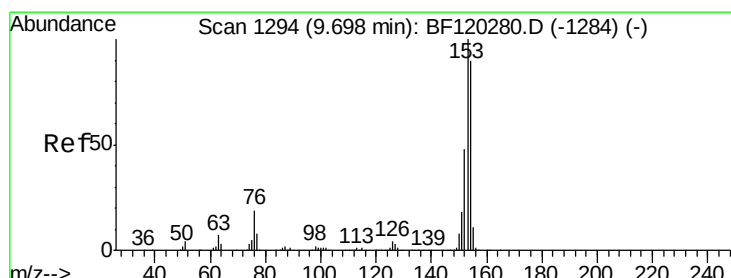
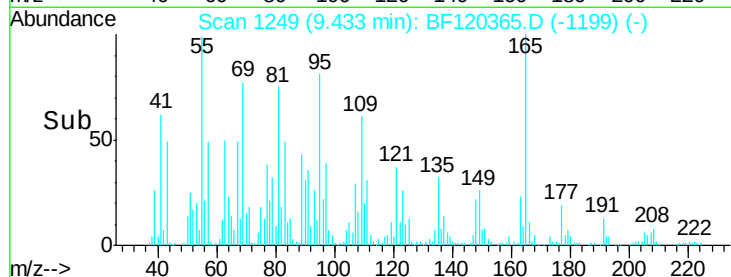
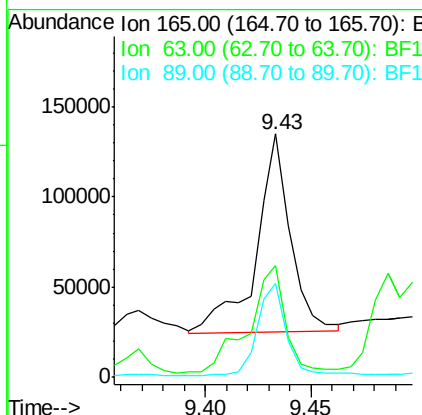
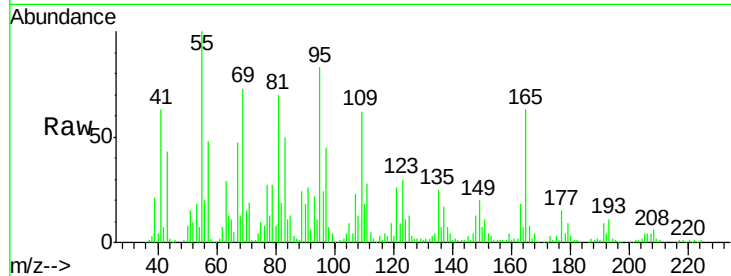
#51
 2,6-Dinitrotoluene
 Concen: 26.44 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.0	50.2	75.2#
89	38.6	44.6	66.8#

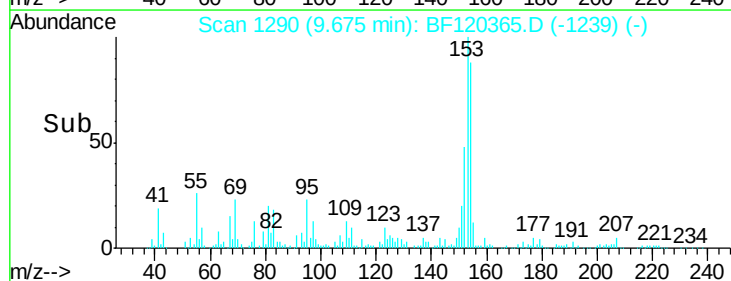
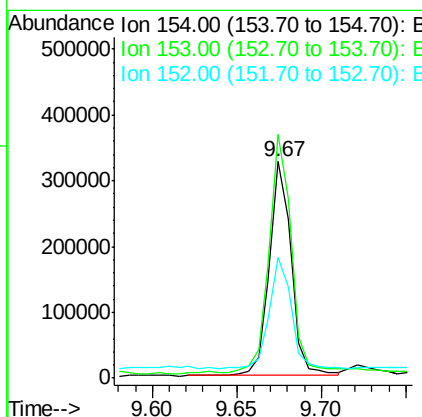
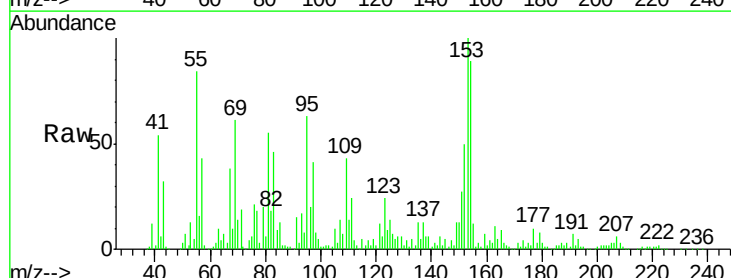
Manual Integrations
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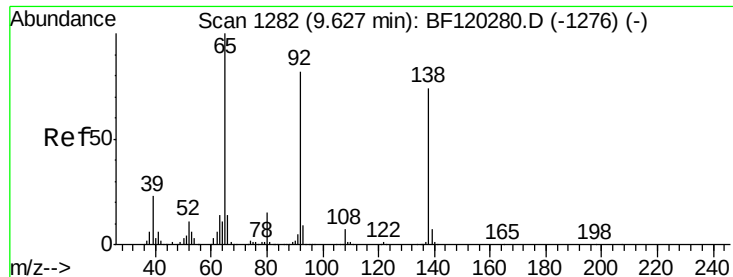
mohammad
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#52
 Acenaphthene
 Concen: 18.13 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.5	89.0	133.4
152	56.0	42.6	64.0





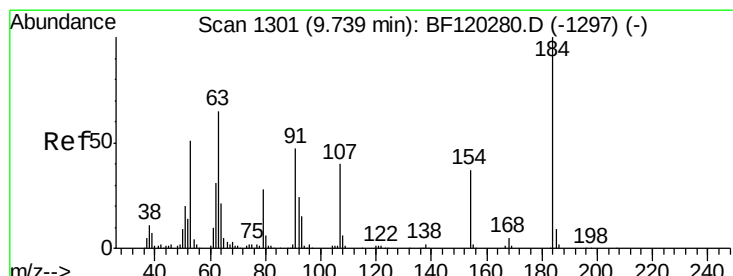
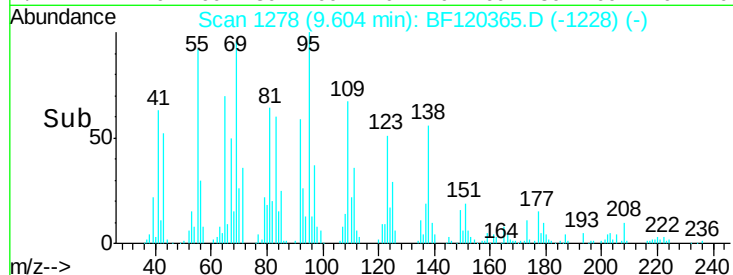
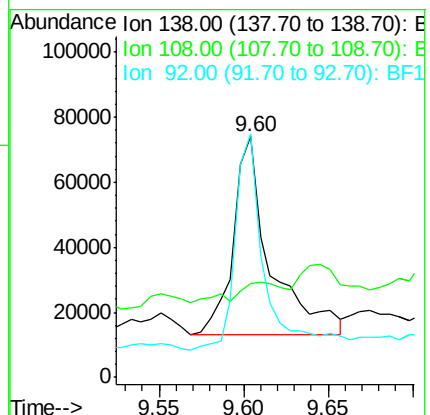
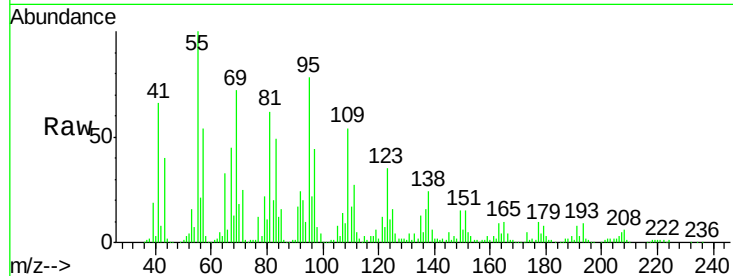
#53
3-Nitroaniline
Concen: 16.30 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:138 Resp: 91348
Ion Ratio Lower Upper
138 100
108 39.1 8.2 12.2#
92 101.0 89.6 134.4

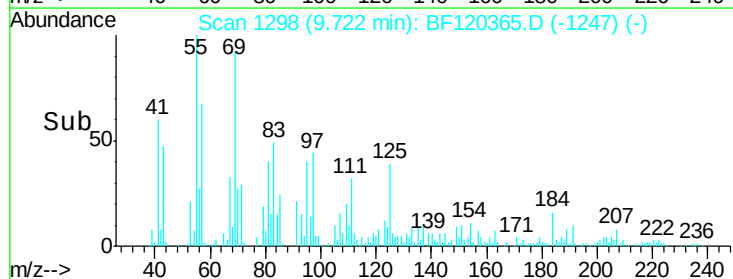
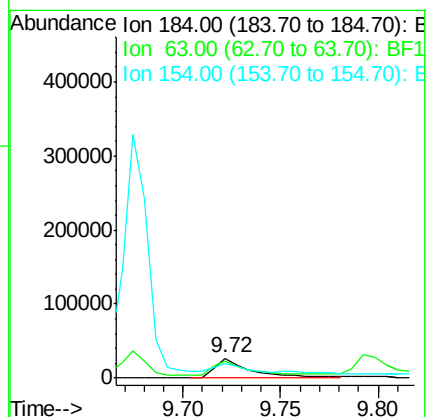
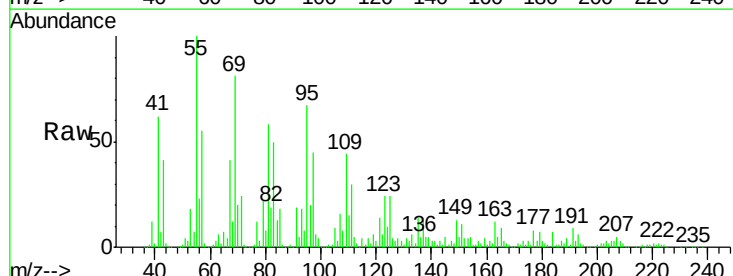
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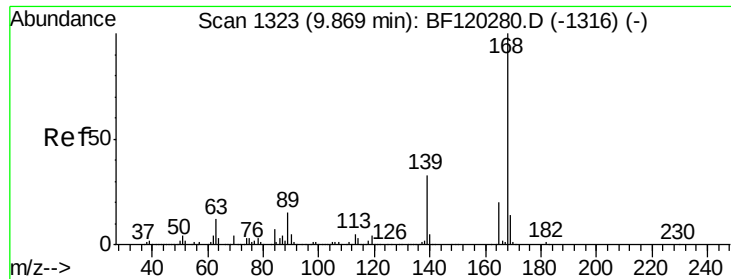
mohammad
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#54
2,4-Dinitrophenol
Concen: 16.10 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:184 Resp: 35710
Ion Ratio Lower Upper
184 100
63 84.4 53.6 80.4#
154 74.1 46.8 70.2#





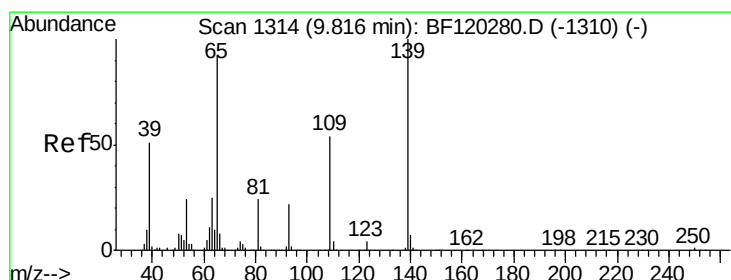
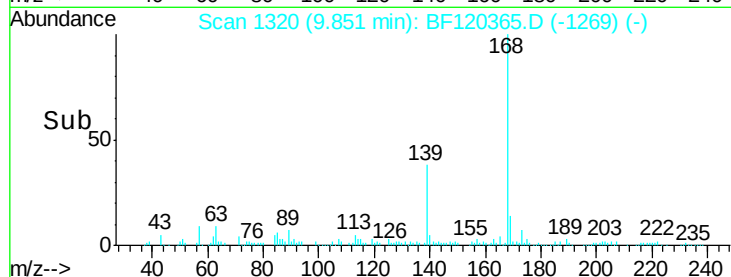
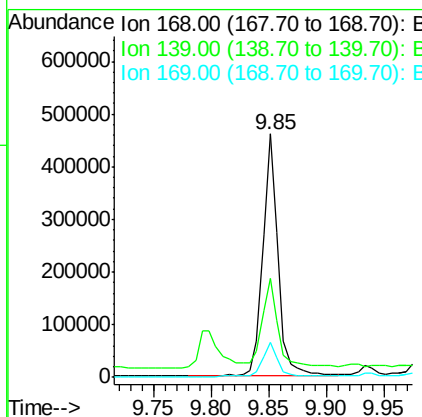
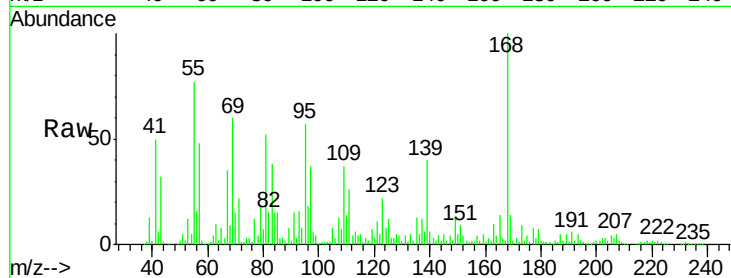
#55
Dibenzofuran
Concen: 18.60 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	429423		
139	40.4	29.8	44.6	
169	14.1	11.0	16.6	

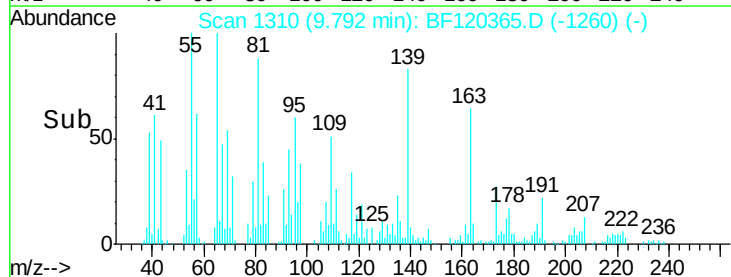
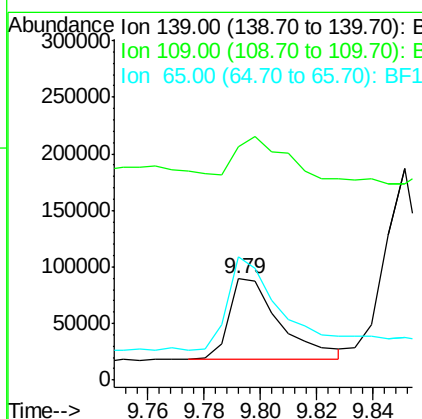
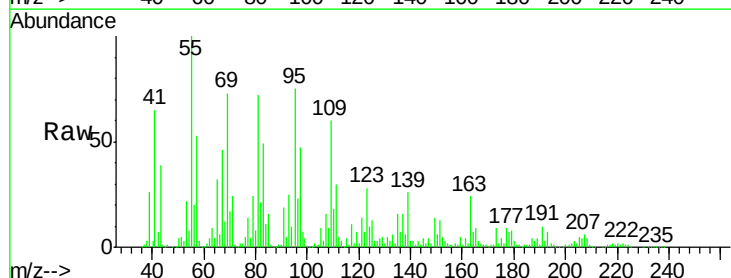
Manual Integrations
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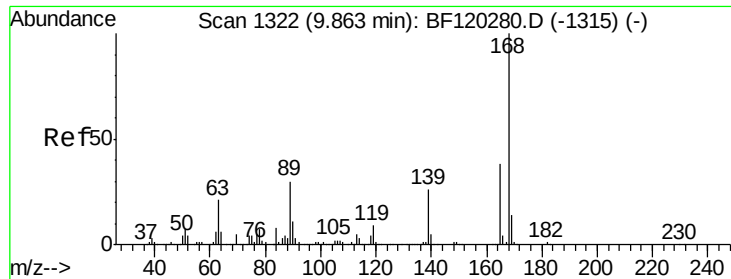
mohammad
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#56
4-Nitrophenol
Concen: 29.94 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

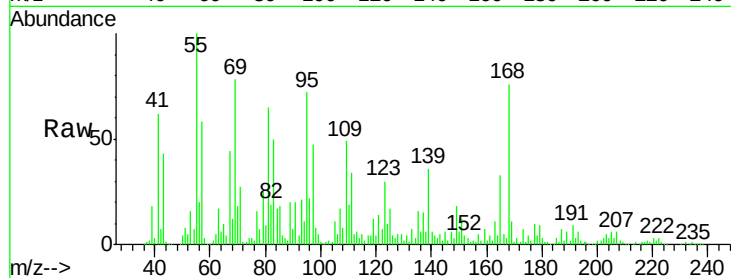
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	90156		
109	231.1	34.6	74.6#	
65	122.6	73.3	113.3#	





#57
2,4-Dinitrotoluene
Concen: 15.68 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

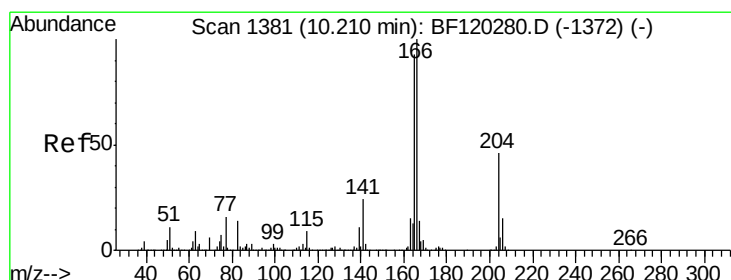
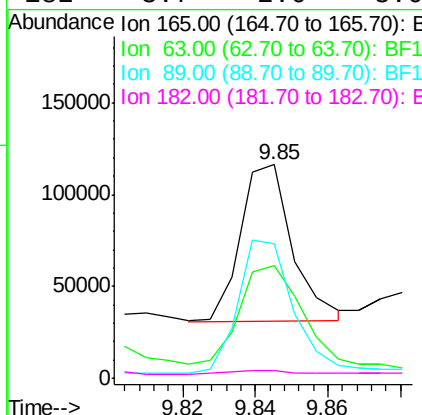
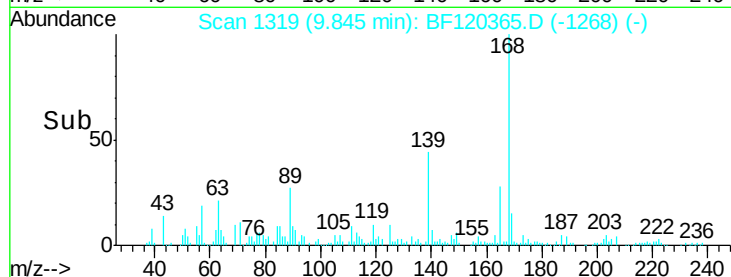
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.9	51.8	77.8
89	62.8	64.2	96.4#
182	3.7	2.0	3.0#

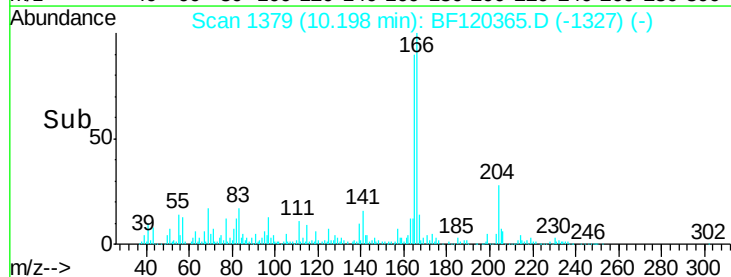
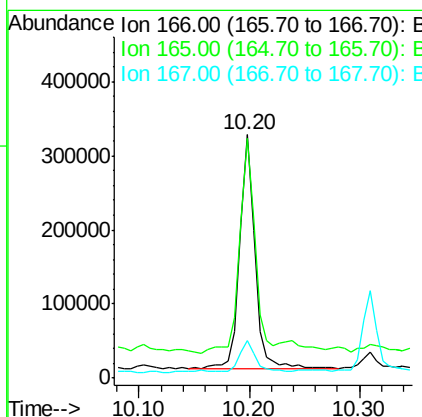
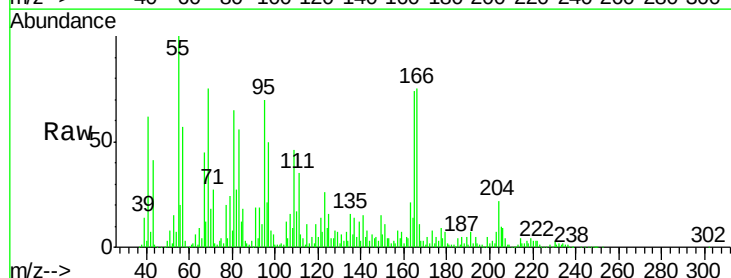
Manual Integrations
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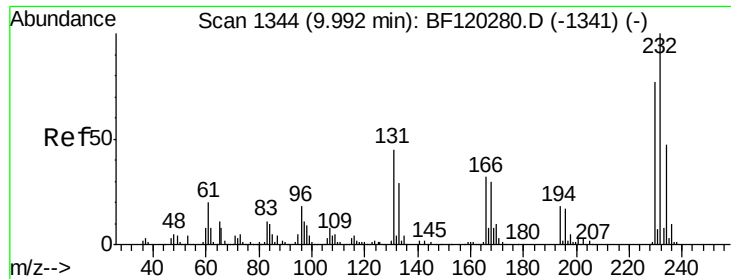
mohammad
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#58
Fluorene
Concen: 17.52 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.3	74.7	112.1
167	15.3	11.4	17.0





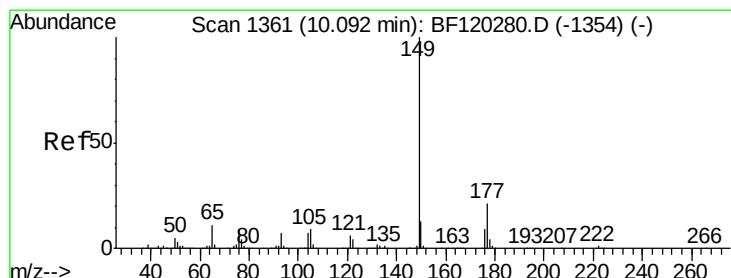
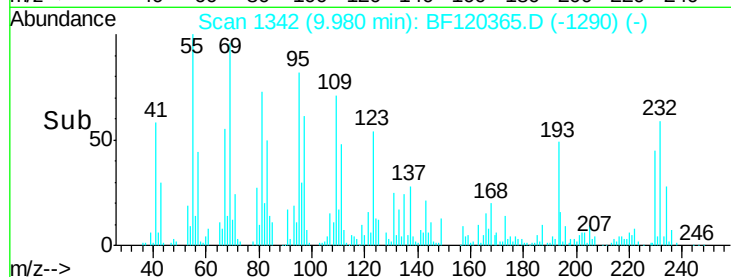
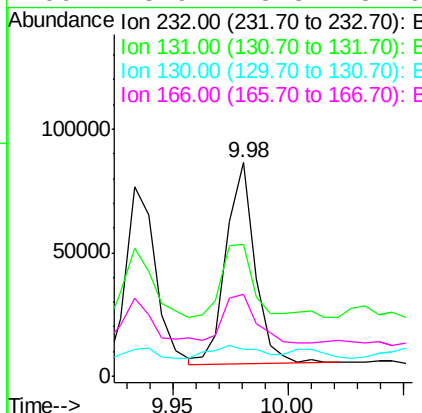
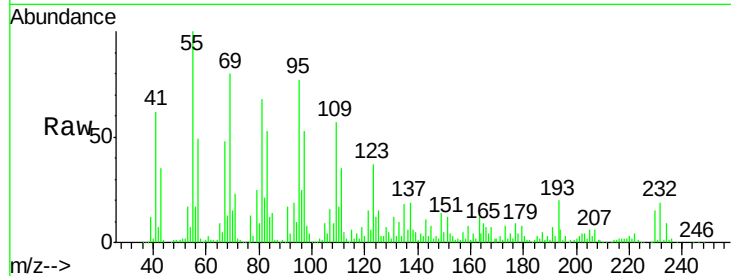
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.63 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampled :
 VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.9	34.1	51.1#
130	11.4	1.7	2.5#
166	28.9	23.3	34.9

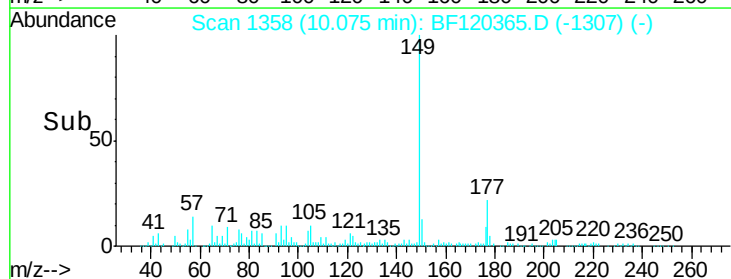
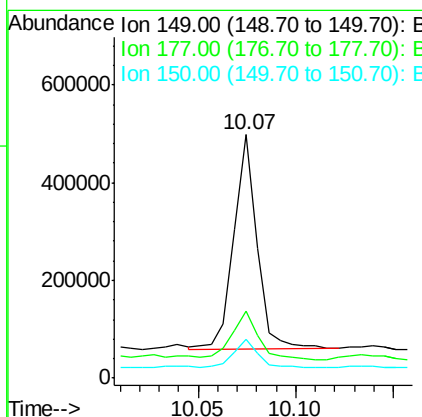
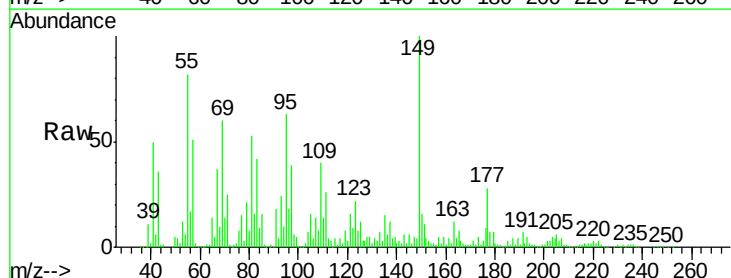
Manual Integrations
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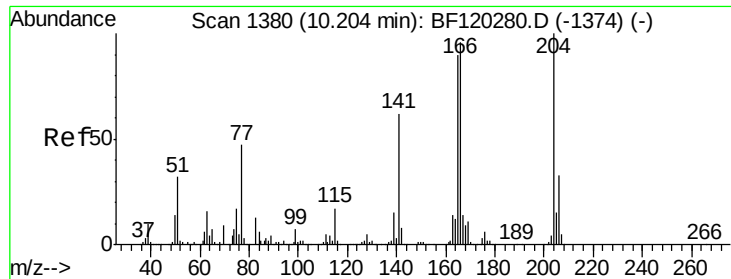
mohammad
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#60
 Diethylphthalate
 Concen: 17.95 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.7	17.1	25.7#
150	15.8	10.3	15.5#





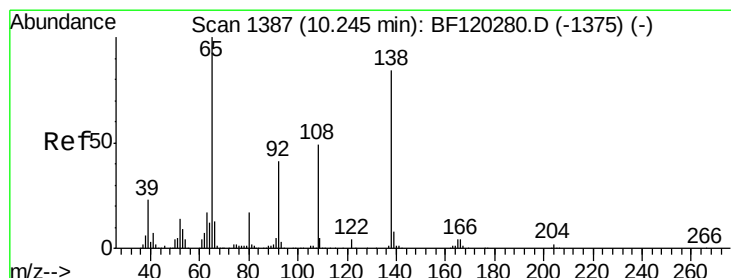
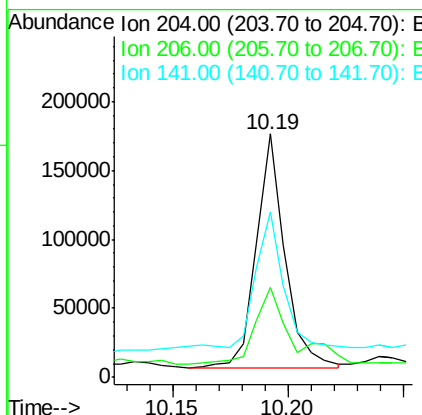
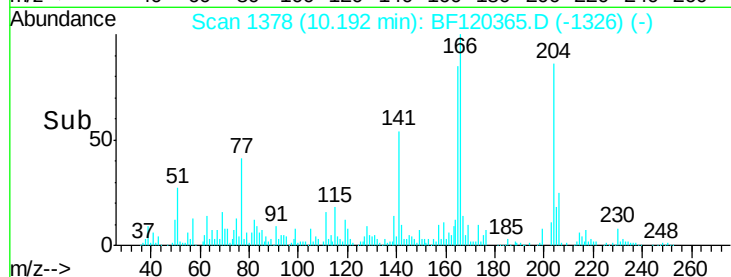
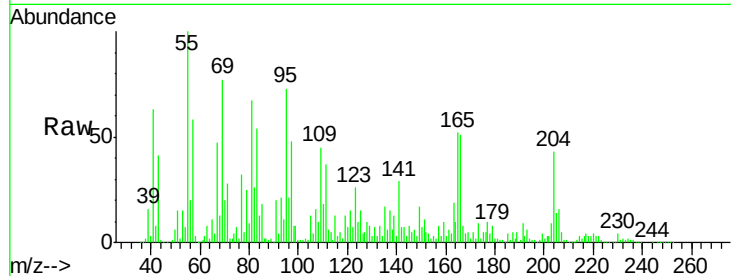
#61
4-Chlorophenyl-phenylether
Concen: 16.17 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	147811		
206	36.9	26.8	40.2	
141	67.9	49.5	74.3	

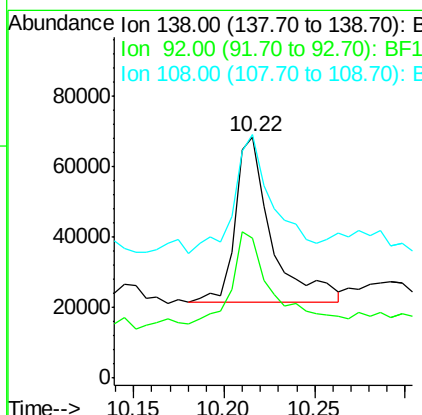
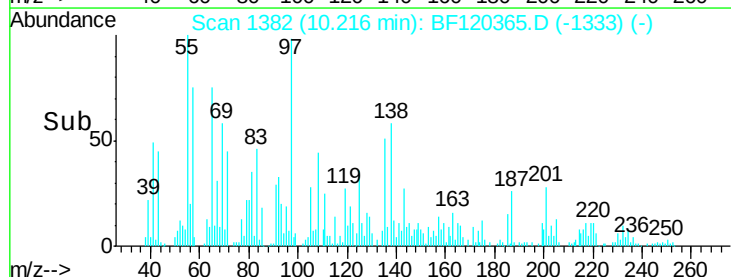
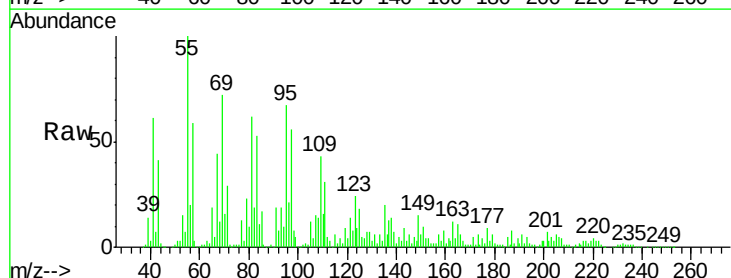
Manual Integrations
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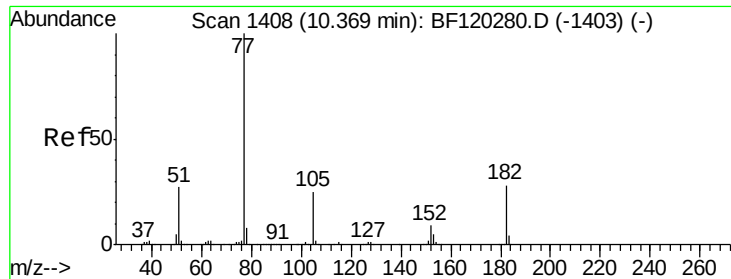
mohammad
5/20/2020 1:20:38 PM



#62
4-Nitroaniline
Concen: 12.53 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	65422		
92	57.9	28.9	68.9	
108	100.8	38.4	78.4#	





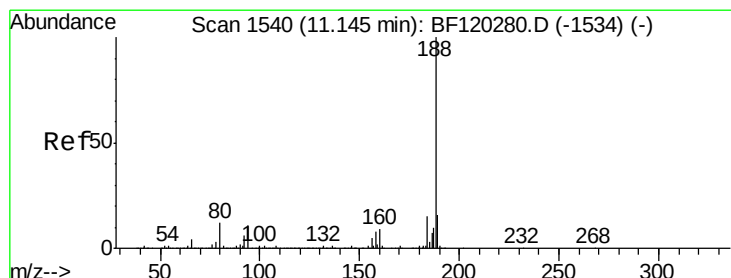
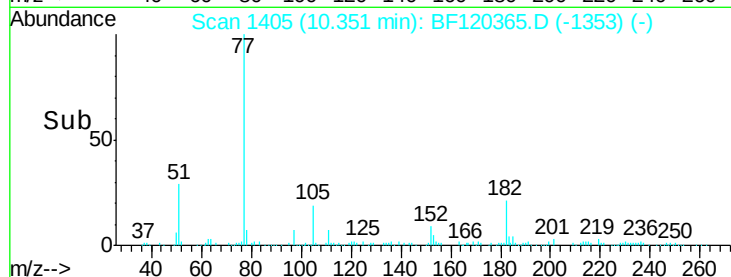
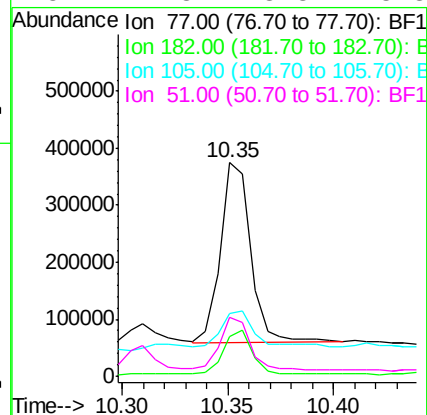
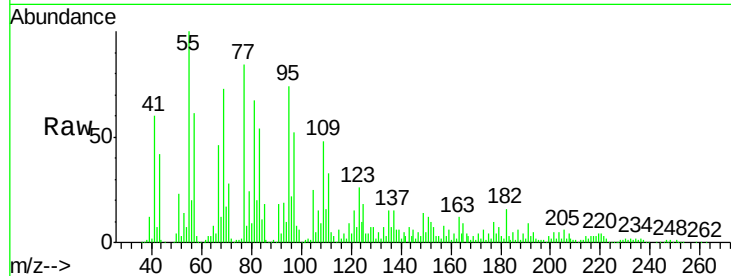
#63
Azobenzene
Concen: 16.55 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		317917		
182	18.7	7.4	47.4		
105	29.6	4.4	44.4		
51	27.8	8.3	48.3		

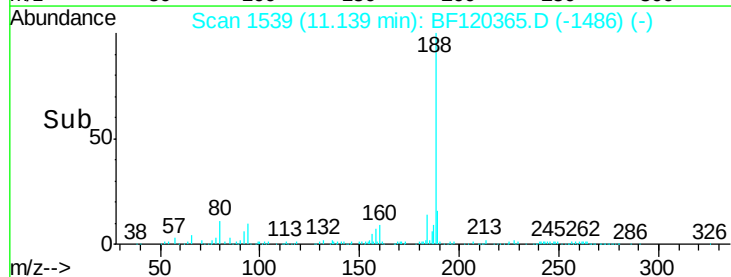
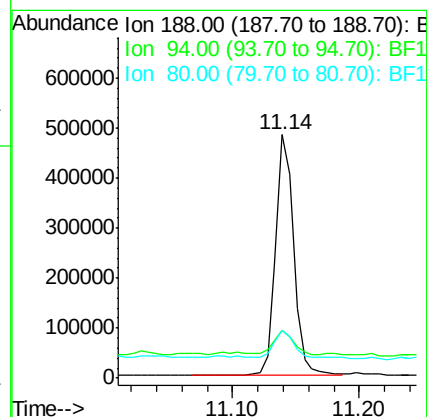
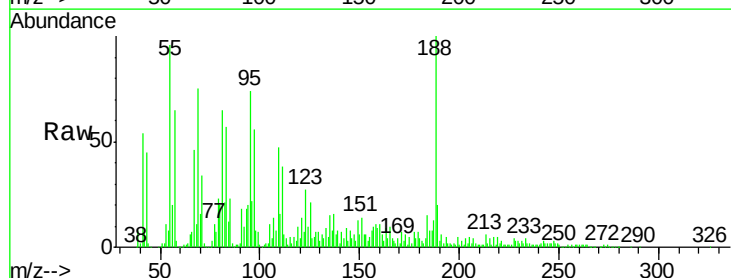
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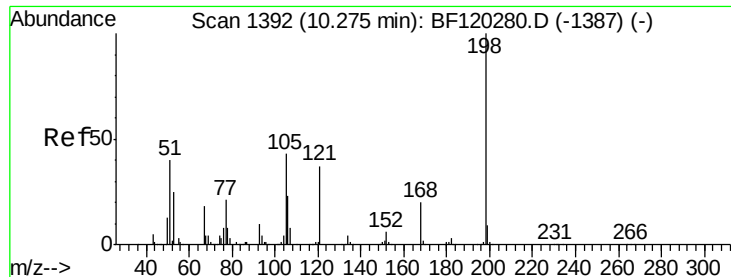
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		477164		
94	19.8	8.6	13.0#		
80	19.8	9.2	13.8#		





#65

4,6-Dinitro-2-methylphenol

Concen: 10.99 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

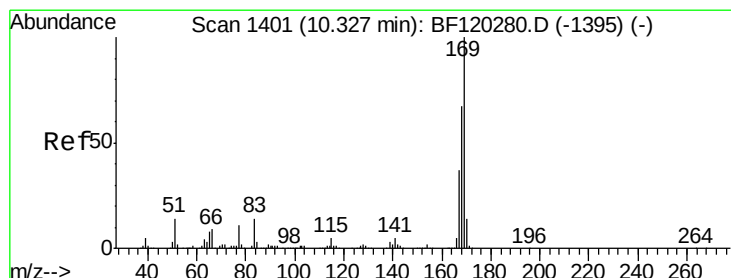
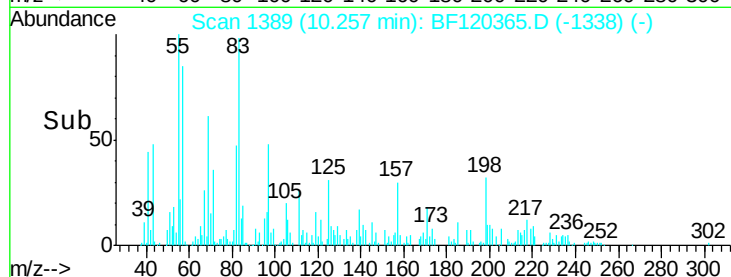
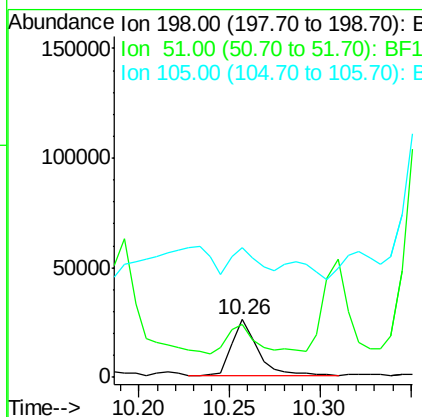
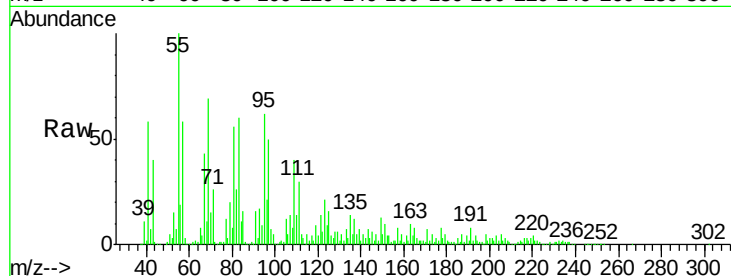
ClientSampled :

VNJ-214MS

Tgt Ion:	198	Resp:	26527
Ion Ratio	Lower	Upper	
198	100		
51	91.8	27.1	67.1#
105	224.9	24.3	64.3#

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#66

n-Nitrosodiphenylamine

Concen: 20.94 ng

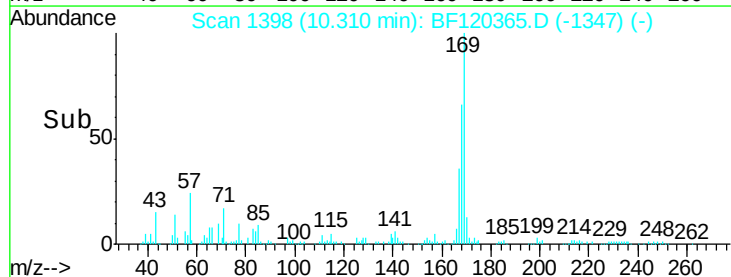
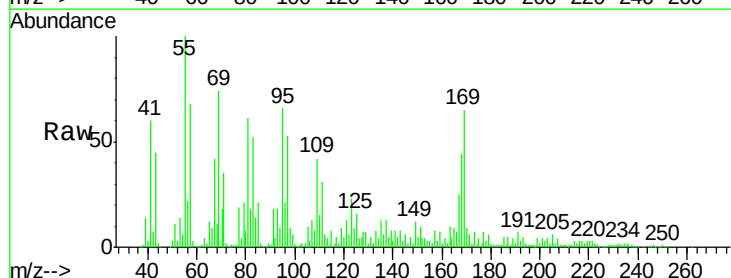
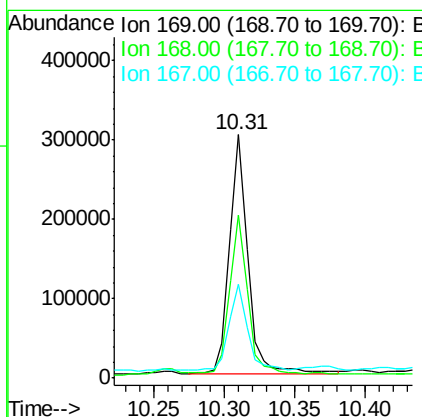
RT: 10.31 min Scan# 1398

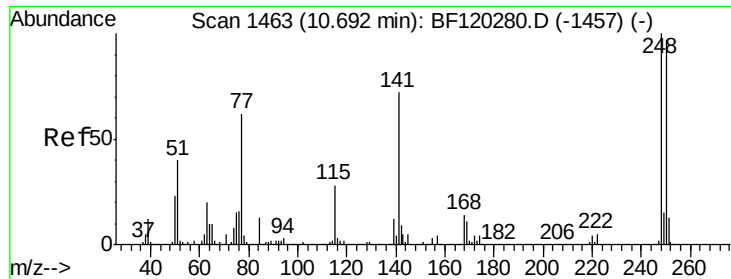
Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	169	Resp:	276494
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.7	80.5
167	38.4	29.8	44.6





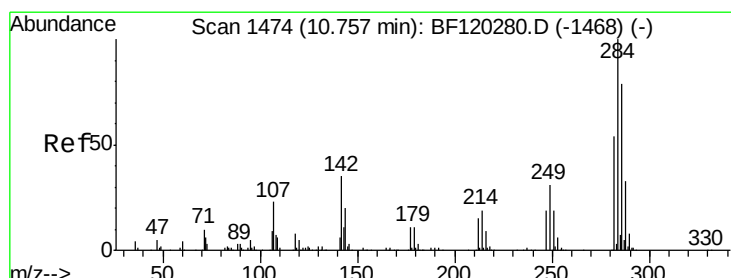
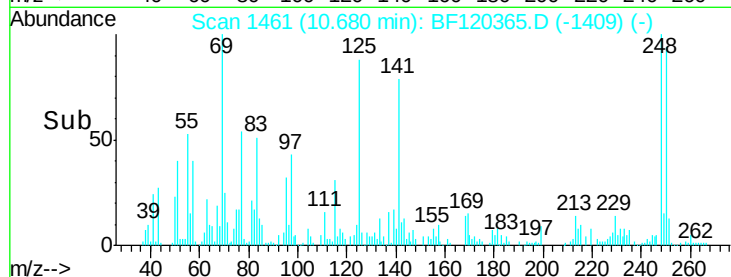
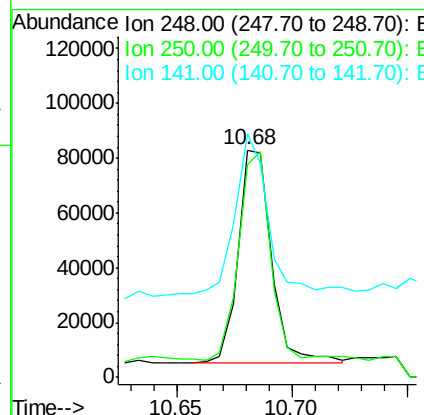
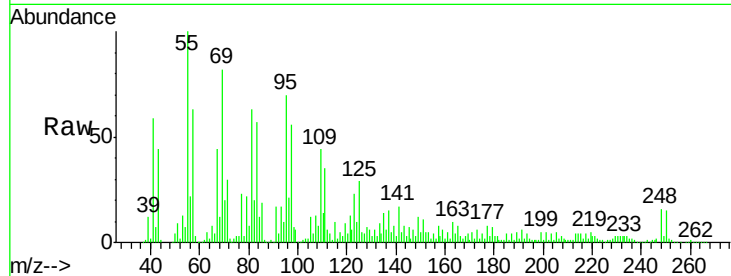
#67
4-Bromophenyl-phenylether
Concen: 16.86 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampled :
VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.8	77.8	116.6
141	107.0	57.7	86.5#

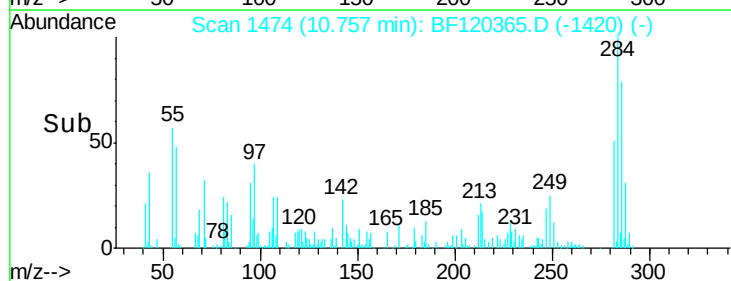
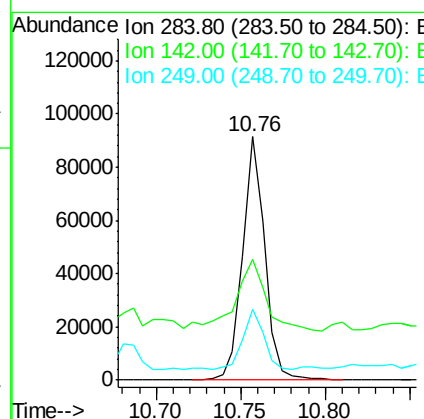
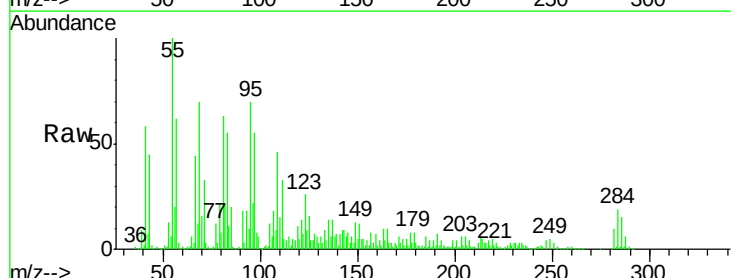
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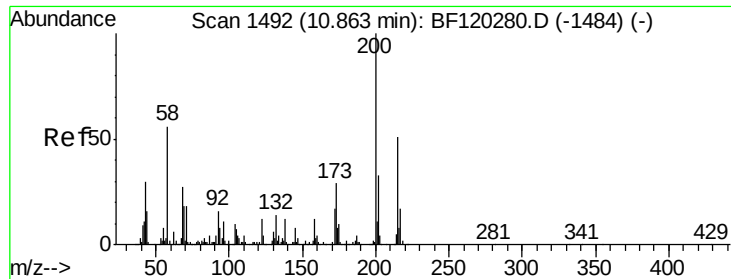
mohammad
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#68
Hexachlorobenzene
Concen: 17.22 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.02 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.8	28.5	42.7#
249	29.1	24.8	37.2





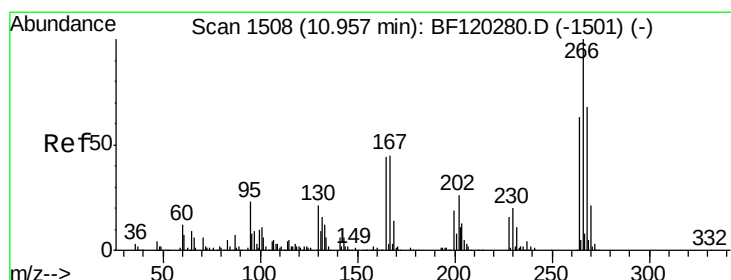
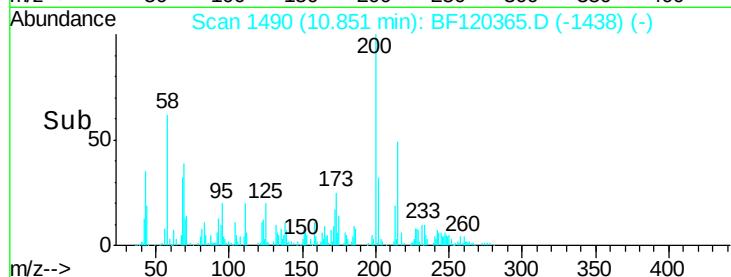
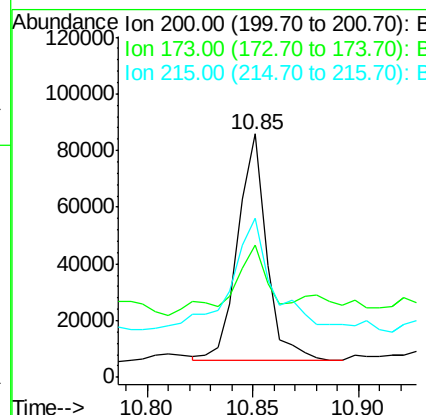
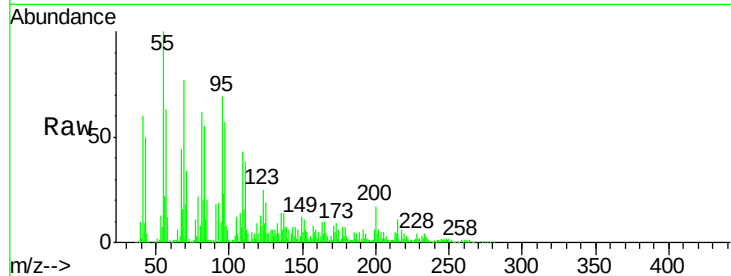
#69
Atrazine
Concen: 18.94 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	54.1	8.7	48.7#
215	65.3	30.6	70.6

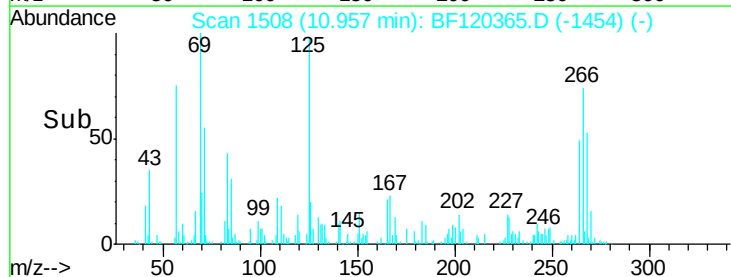
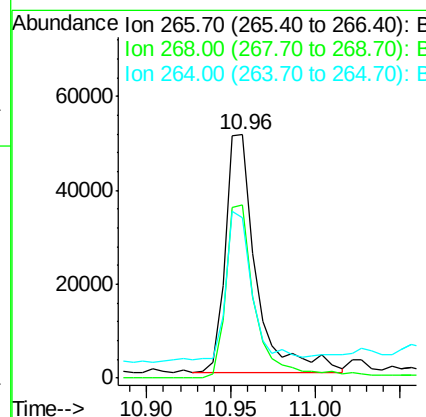
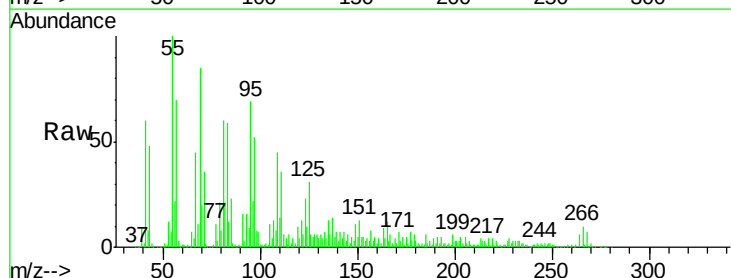
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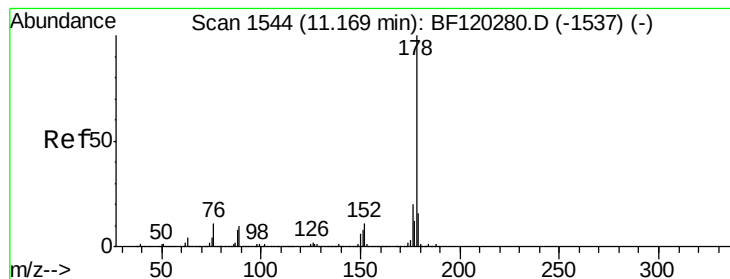
mohammad
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#70
Pentachlorophenol
Concen: 30.97 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.1	54.2	81.4
264	65.9	50.2	75.4





#71

Phenanthrene

Concen: 25.63 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

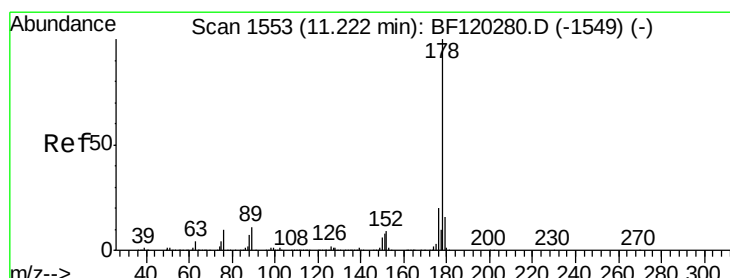
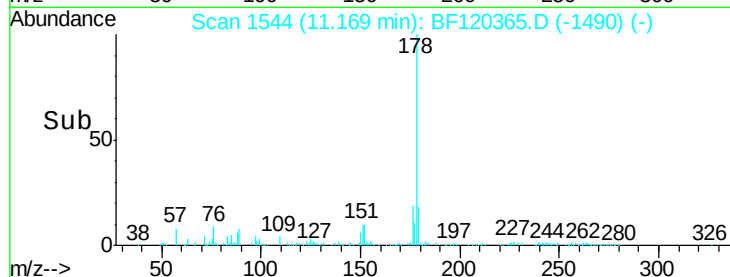
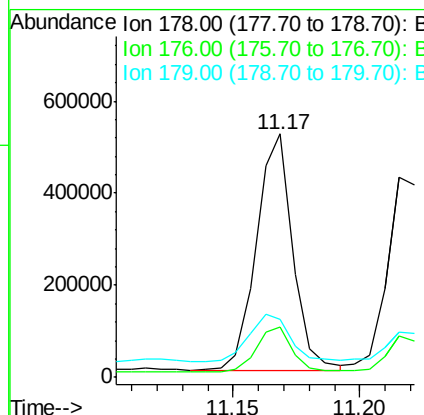
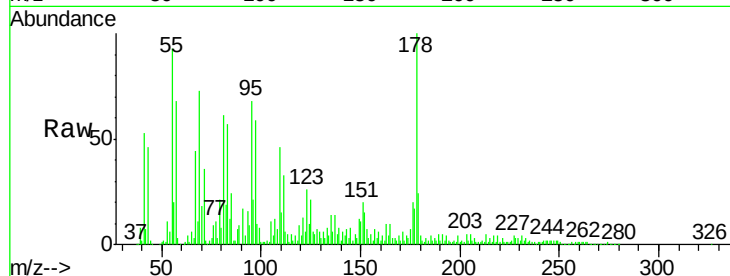
ClientSampleId :

VNJ-214MS

Tgt Ion:	178	Resp:	513814
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	23.7	12.8	19.2#

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#72

Anthracene

Concen: 20.67 ng

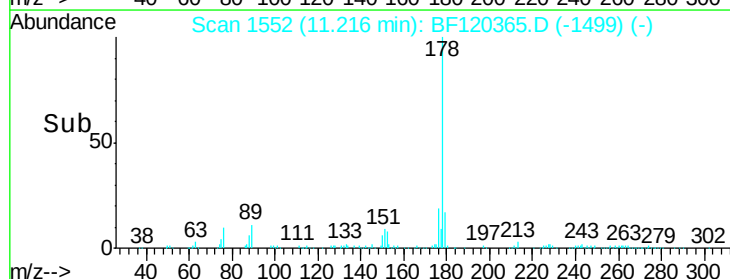
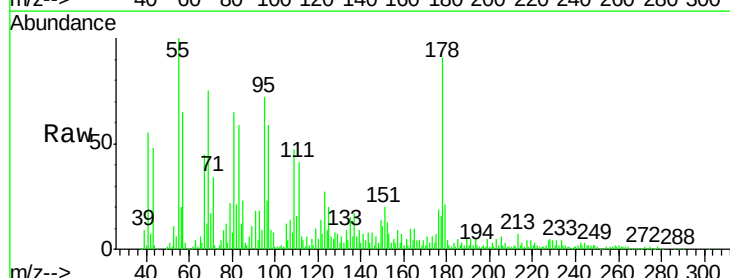
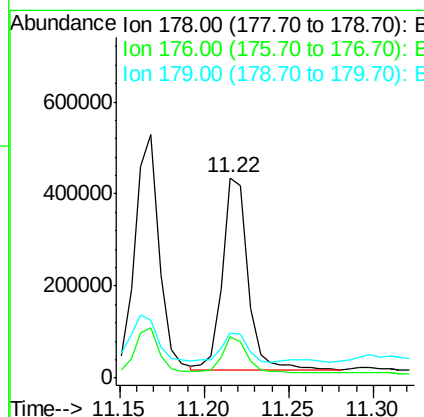
RT: 11.22 min Scan# 1552

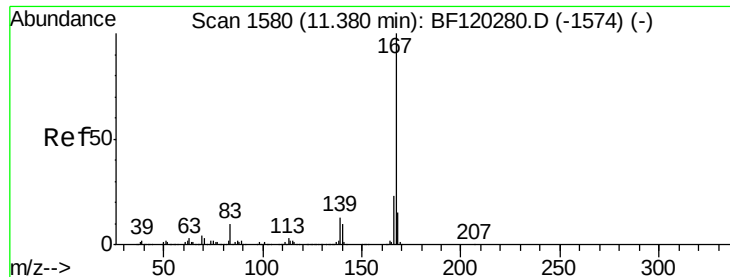
Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	178	Resp:	443745
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.7	23.5
179	22.8	13.0	19.6#





#73

Carbazole

Concen: 17.12 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

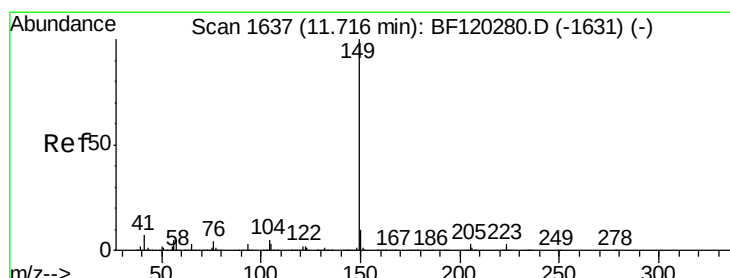
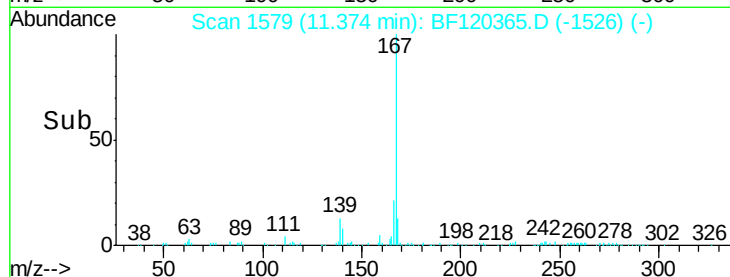
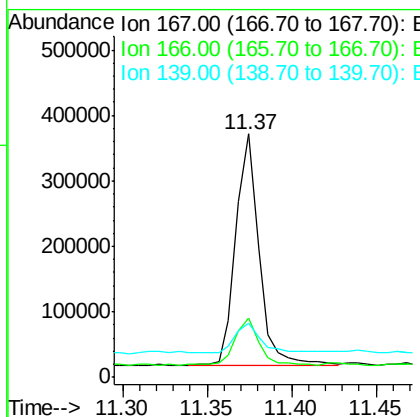
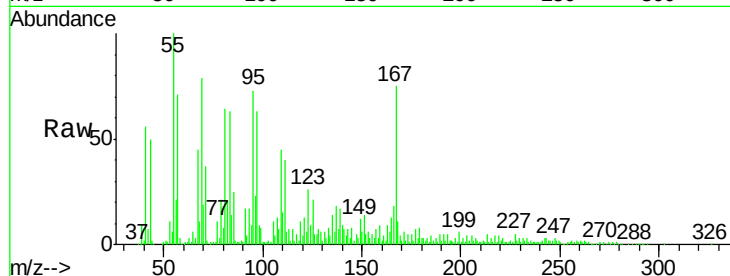
ClientSampled :

VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	24.5	18.1	27.1	
139	22.5	10.6	15.8	

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#74

Di-n-butylphthalate

Concen: 19.22 ng

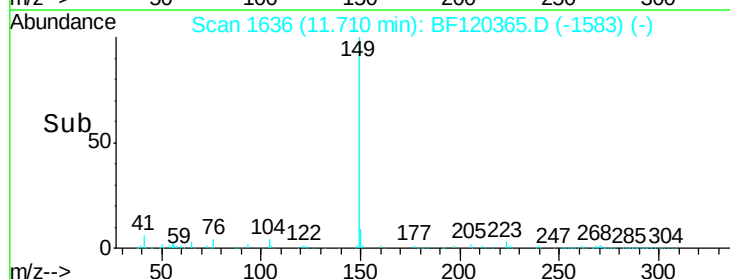
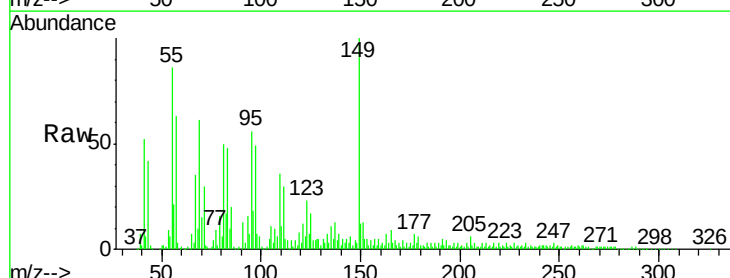
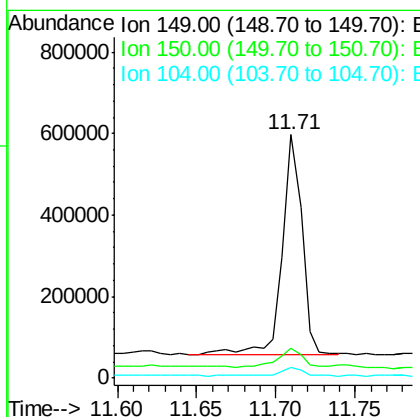
RT: 11.71 min Scan# 1636

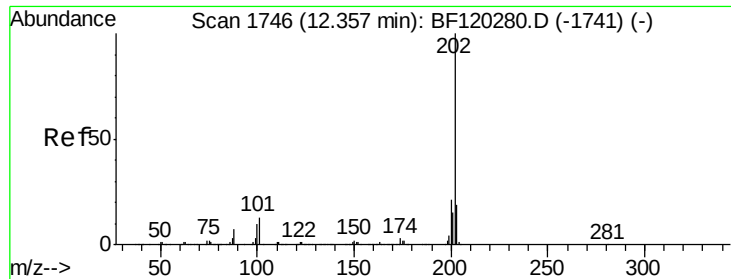
Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	12.3	8.2	12.4	
104	4.6	3.8	5.8	





#75

Fluoranthene

Concen: 44.43 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

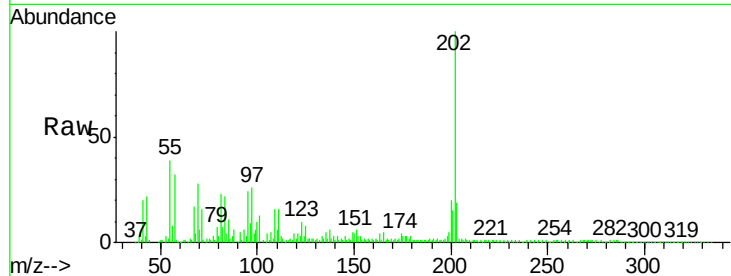
ClientSampleId :

VNJ-214MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	0.0	33.2
203	18.8	0.0	39.1

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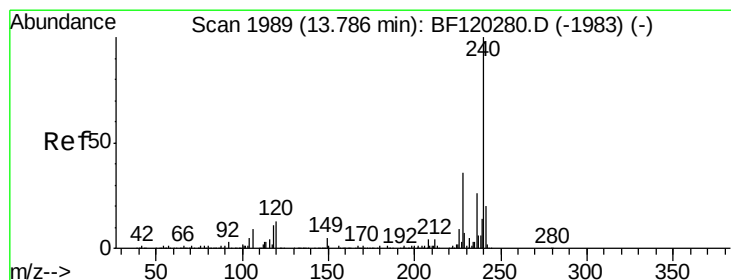
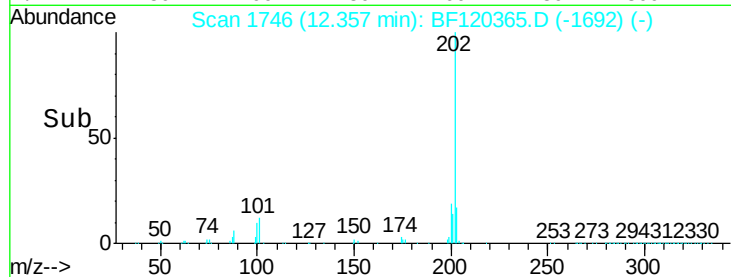
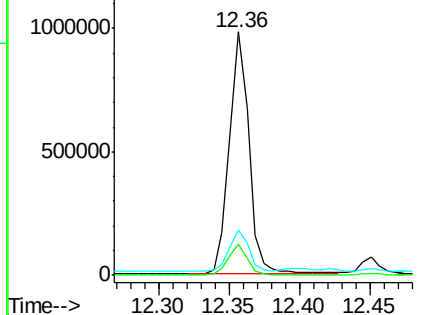
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

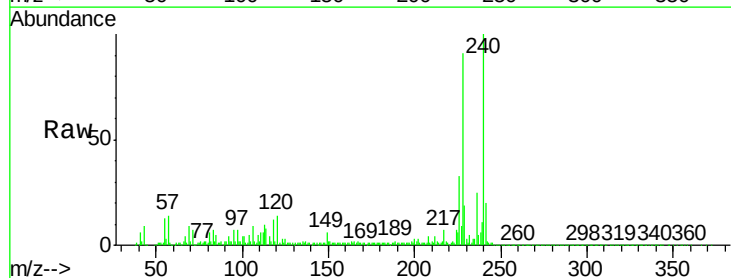
RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

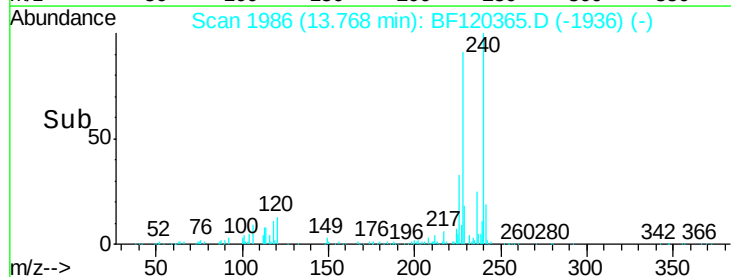
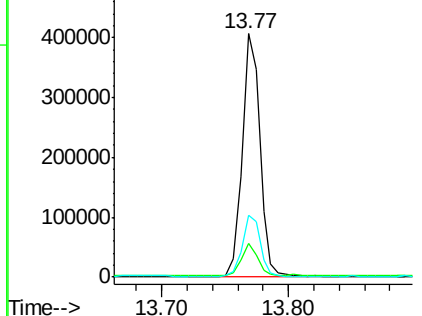
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.7	10.4	15.6
236	25.2	21.0	31.6

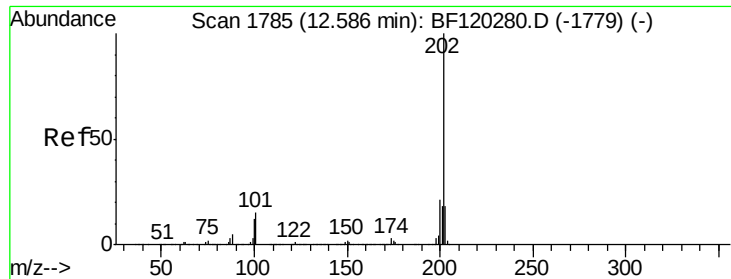


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





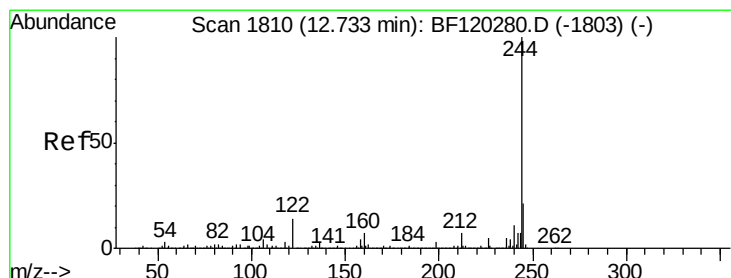
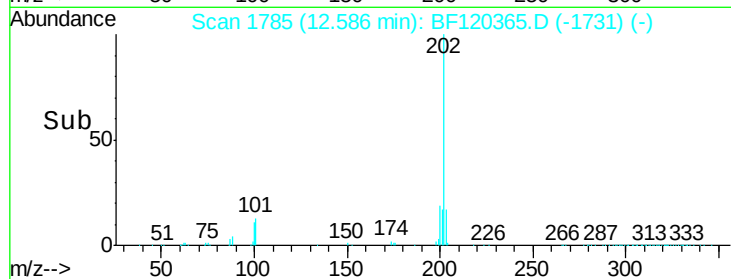
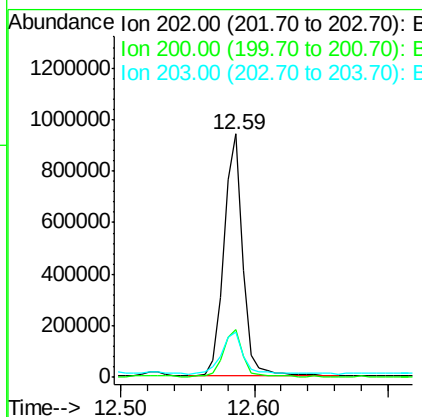
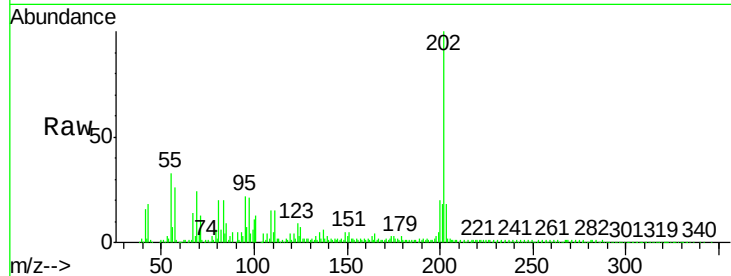
#78
 Pyrene
 Concen: 33.63 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.02 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	932952		
200	19.7	16.6	25.0	
203	18.4	14.6	22.0	

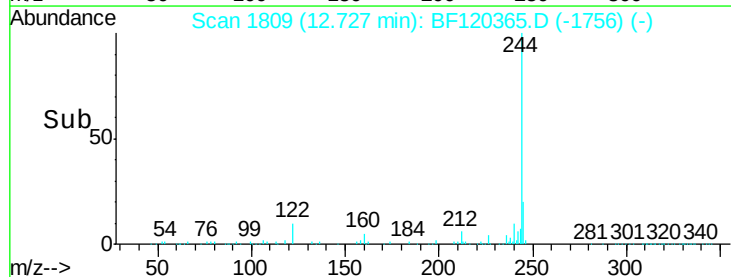
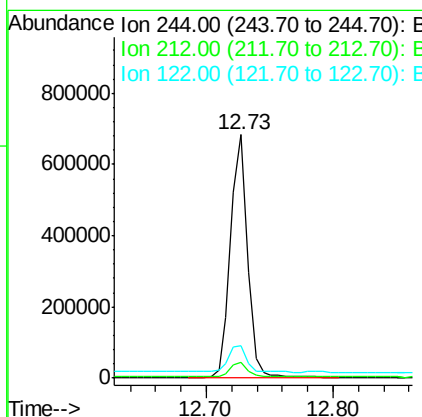
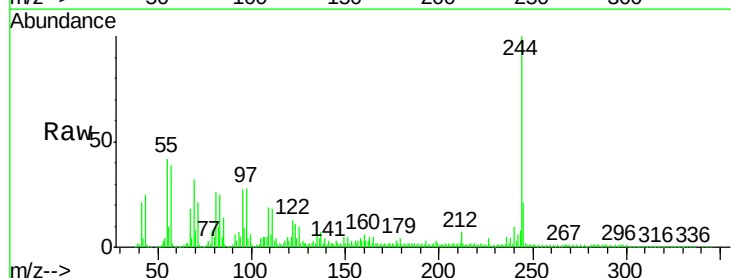
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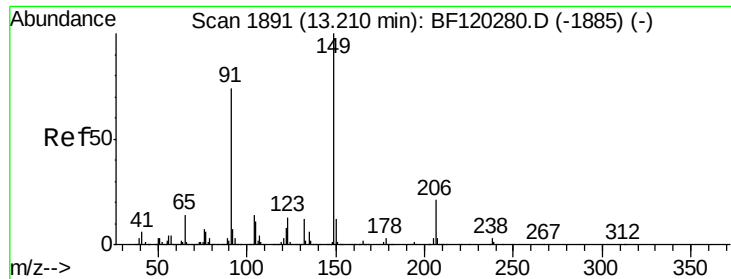
mohammad
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#79
 Terphenyl-d14
 Concen: 35.70 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	628746		
212	6.7	5.8	8.6	
122	13.1	10.8	16.2	





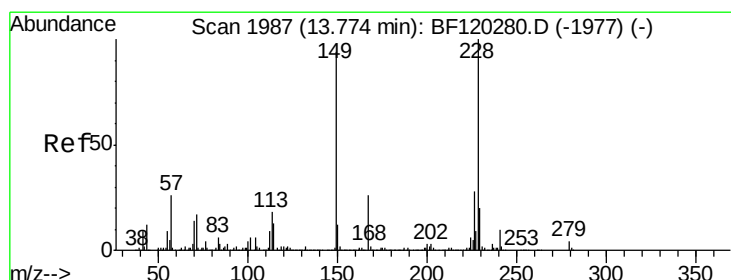
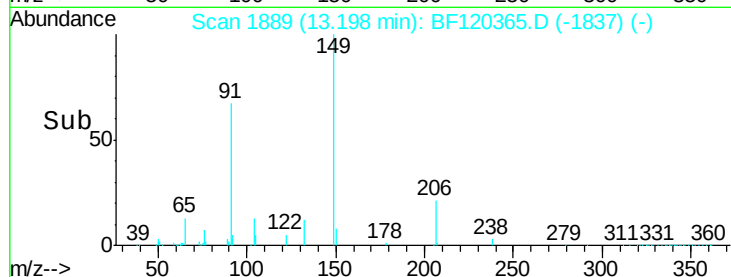
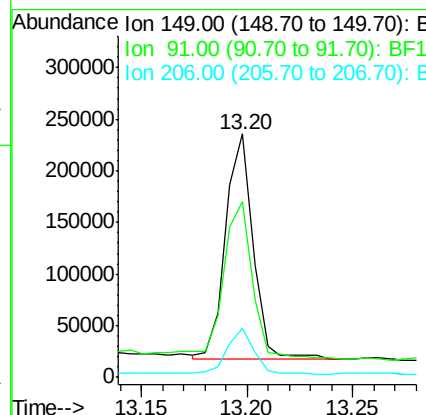
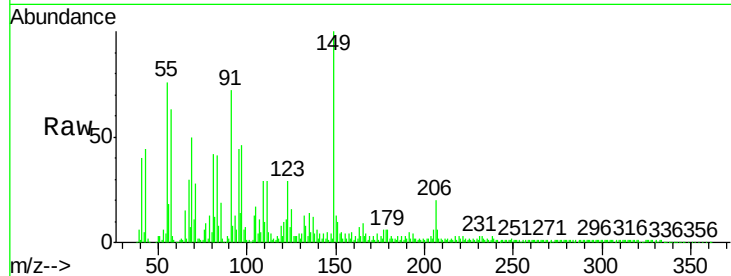
#80
Butylbenzylphthalate
Concen: 15.11 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	197337		
91	72.1	59.0	88.4	
206	20.1	16.8	25.2	

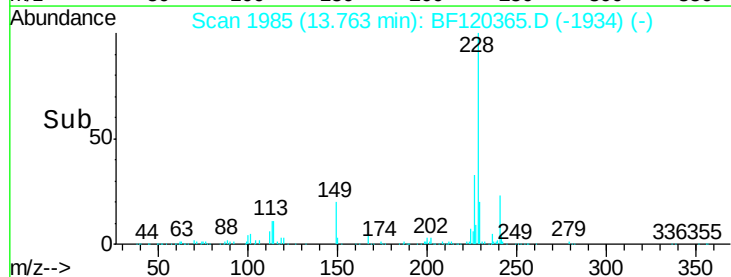
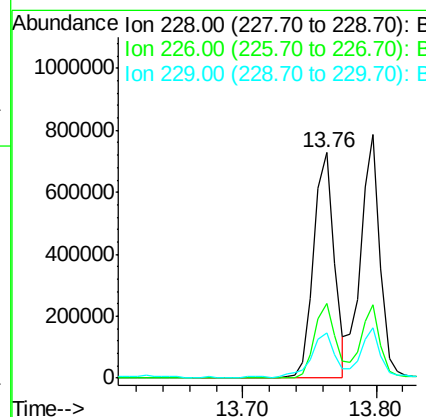
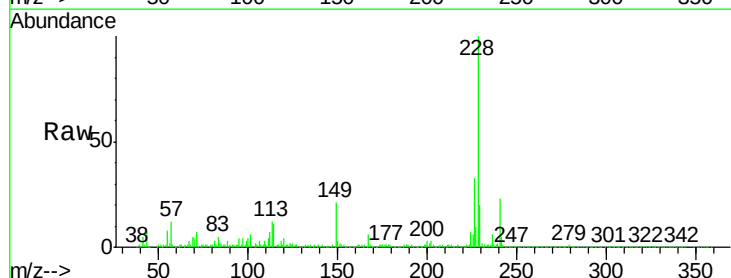
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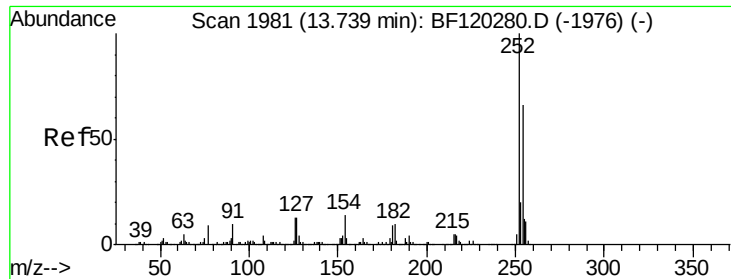
mohammad
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#81
Benzo(a)anthracene
Concen: 37.31 ng
RT: 13.76 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	765758		
226	33.3	22.6	33.8	
229	20.1	16.4	24.6	





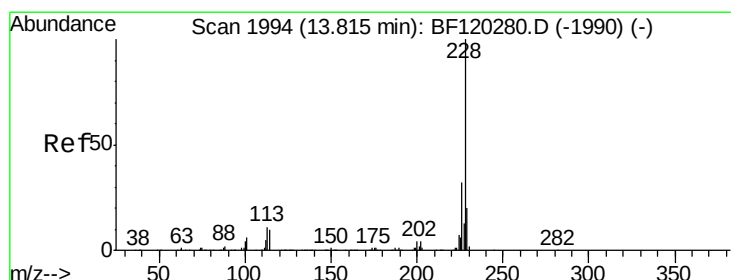
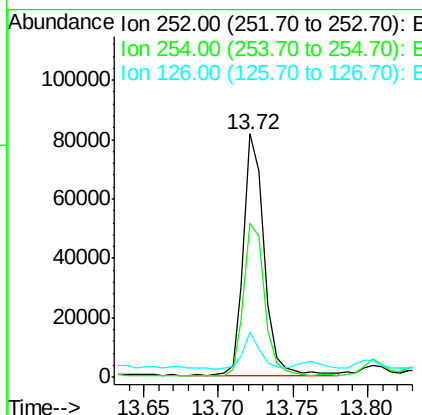
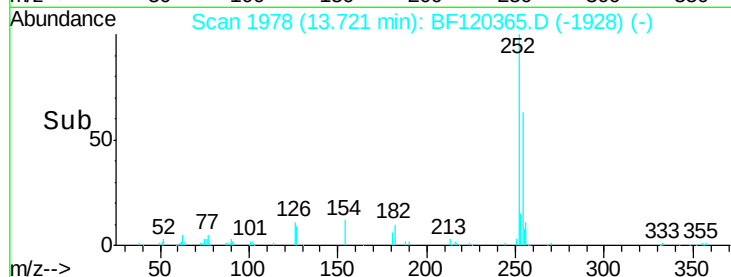
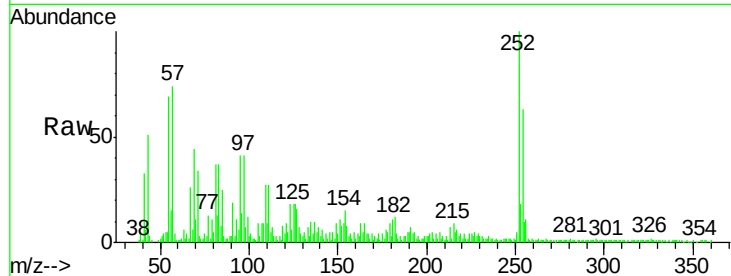
#82
 3,3'-Dichlorobenzidine
 Concen: 10.20 ng
 RT: 13.72 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	52.6	78.8
126	18.4	10.7	16.1

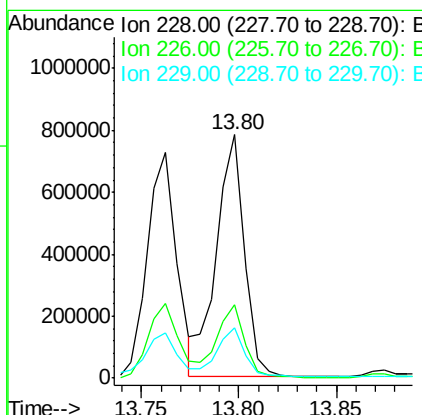
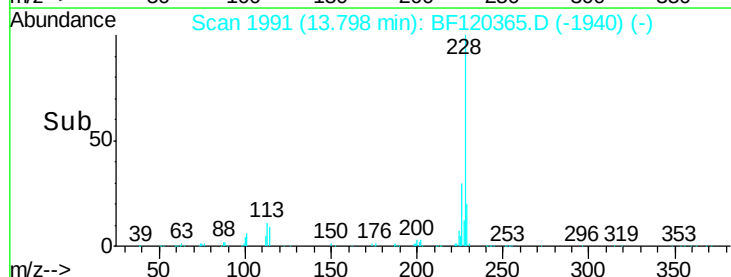
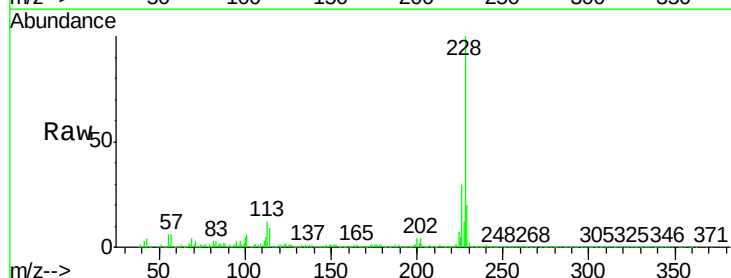
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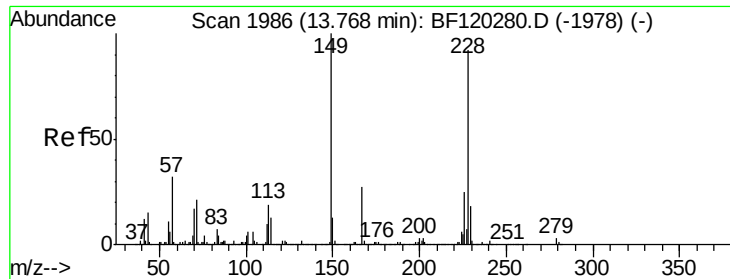
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#83
 Chrysene
 Concen: 35.54 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.6
229	20.5	16.2	24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.47 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

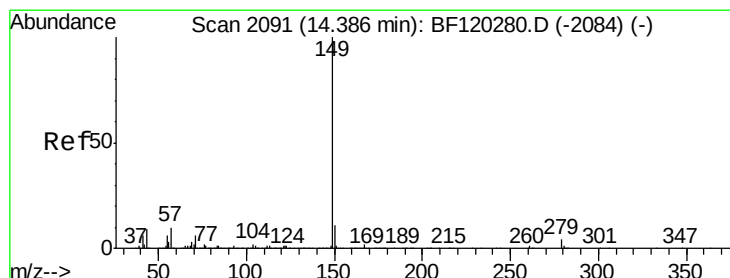
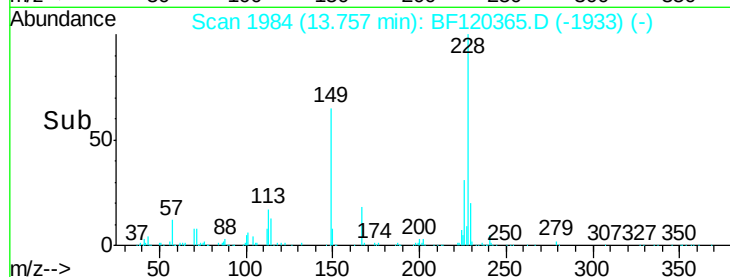
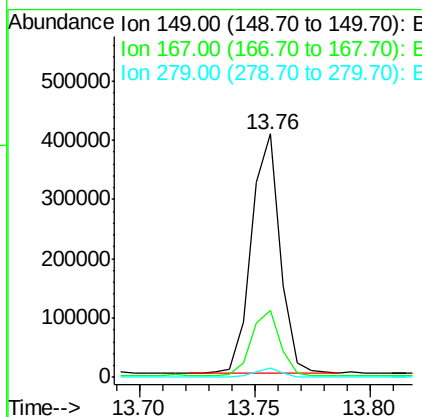
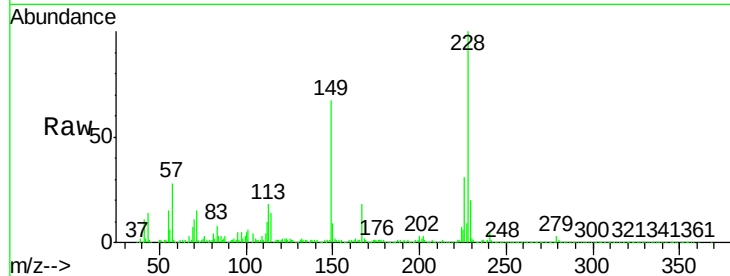
ClientSampleId :

VNJ-214MS

Tgt Ion:	149	Resp:	348845
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.8
279	3.8	2.8	4.2

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 16.64 ng

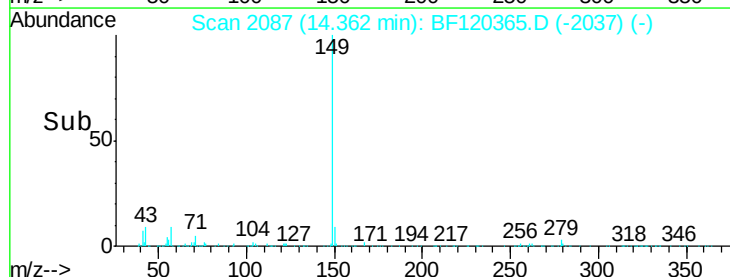
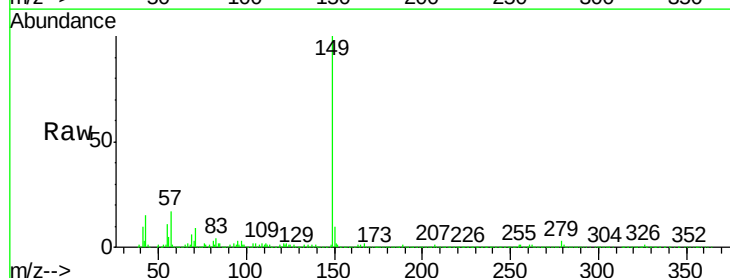
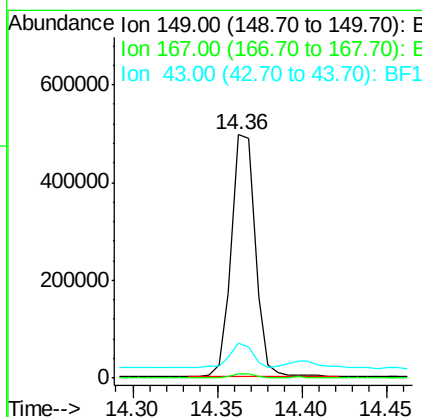
RT: 14.36 min Scan# 2087

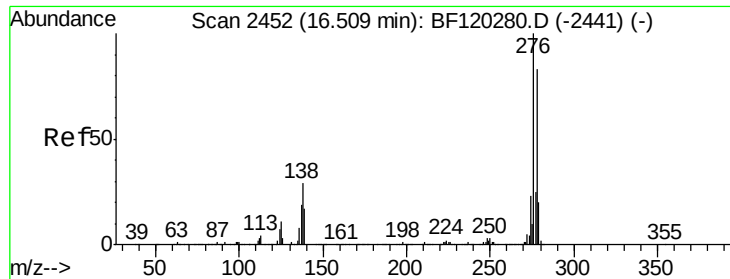
Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:	149	Resp:	486498
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.4	7.5	11.3





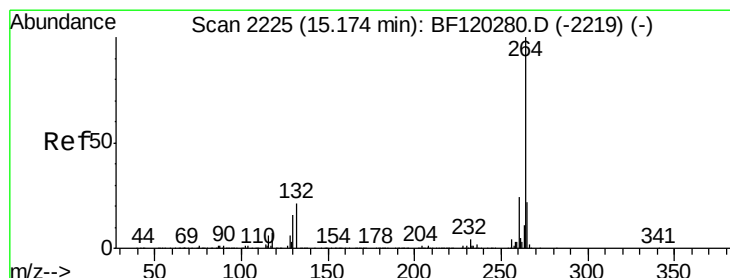
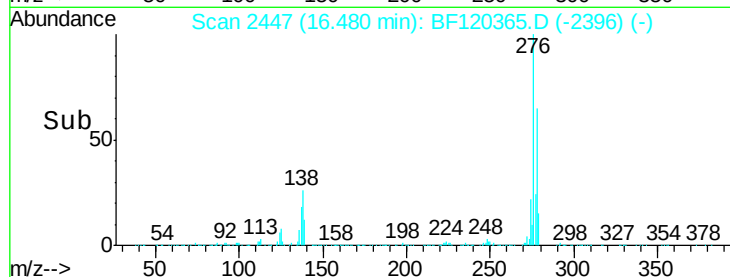
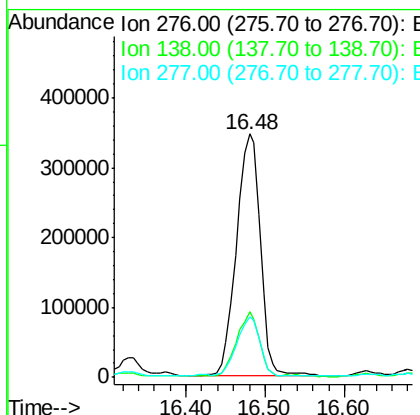
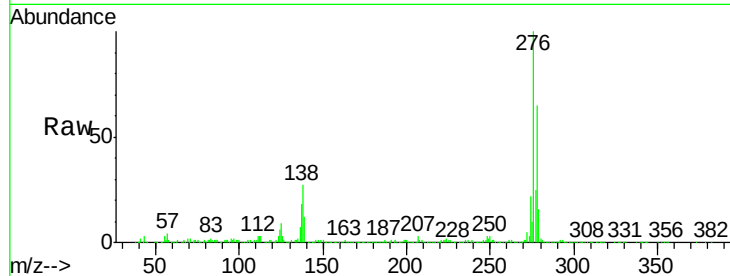
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.28 ng
 RT: 16.48 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.3	34.9
277	23.3	20.2	30.4

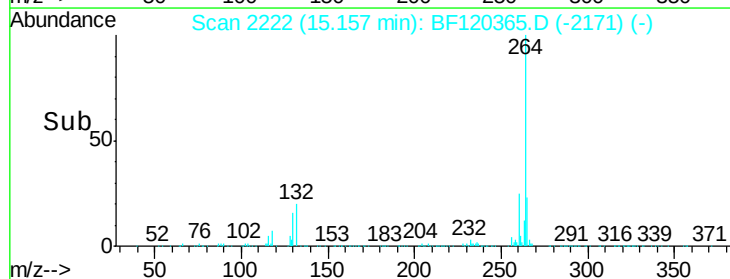
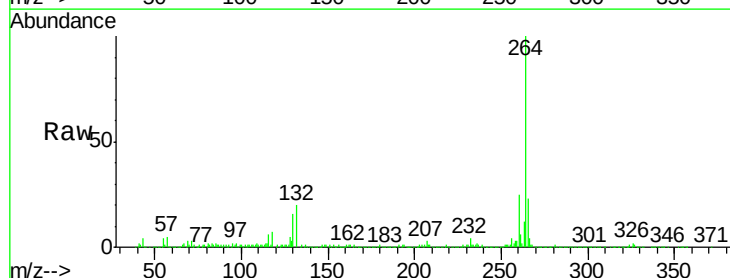
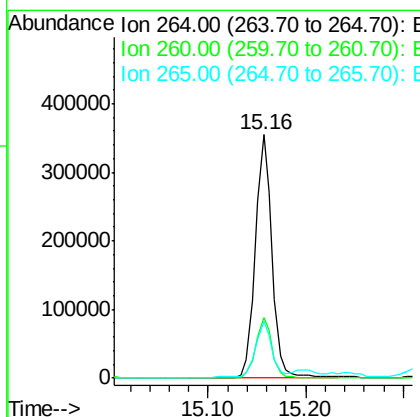
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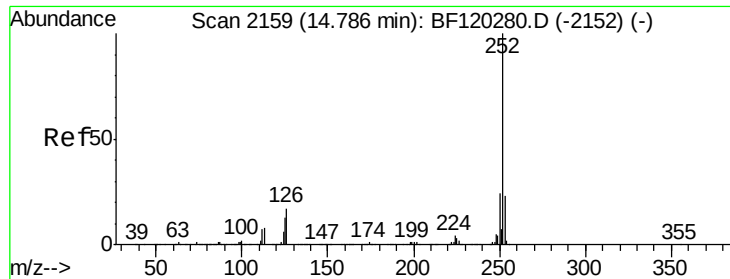
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#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	23.4	17.5	26.3





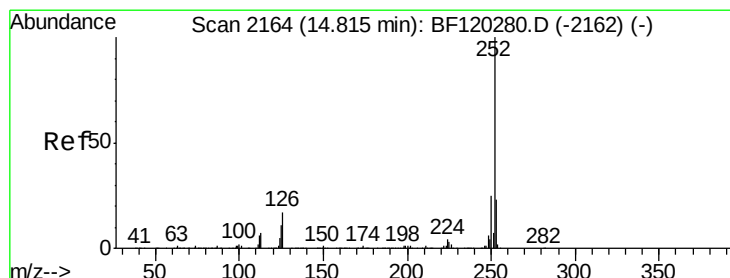
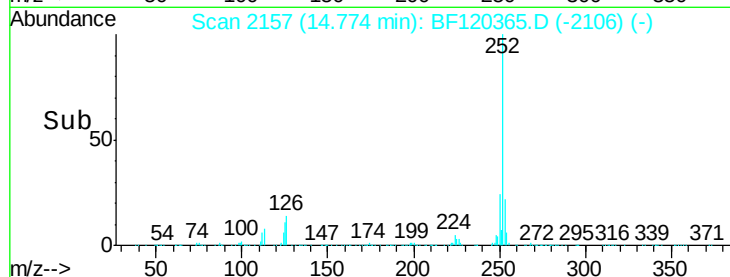
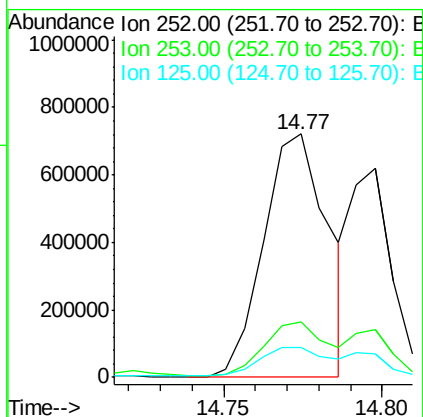
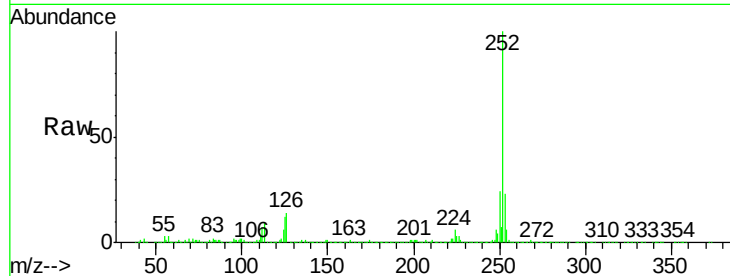
#88
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.0	10.4	15.6

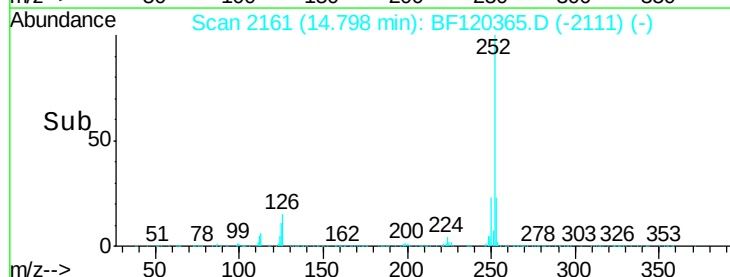
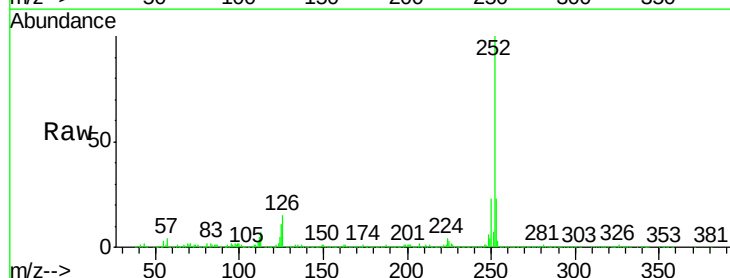
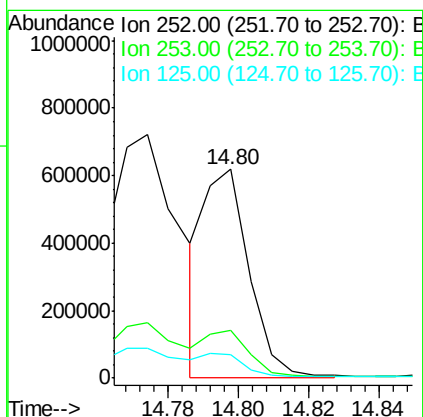
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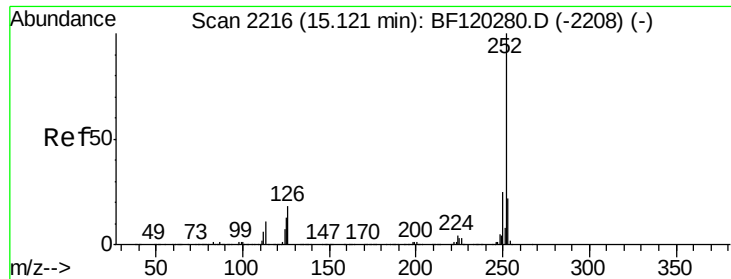
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#89
Benzo(k)fluoranthene
Concen: 27.63 ng m
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.4	9.9	14.9





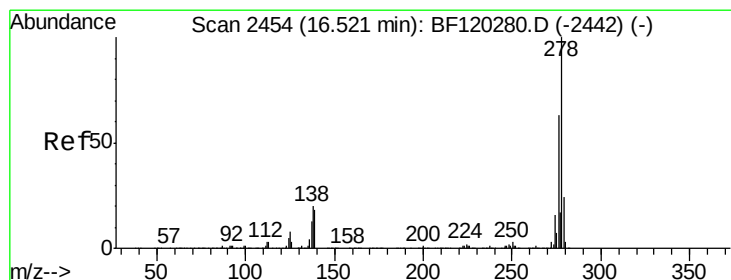
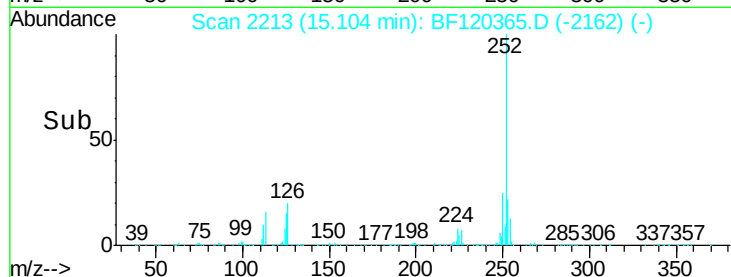
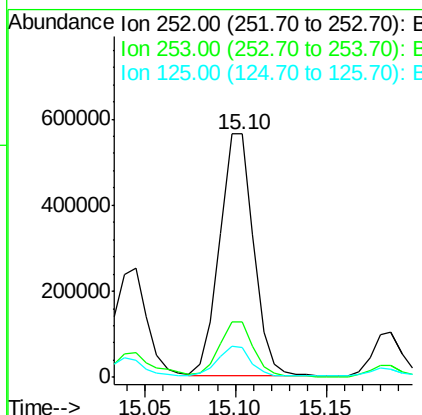
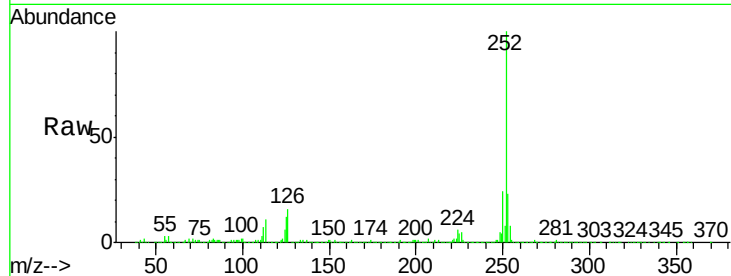
#90
Benzo(a)pyrene
Concen: 35.30 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	737955		
253	22.8		17.6	26.4
125	12.0		10.6	16.0

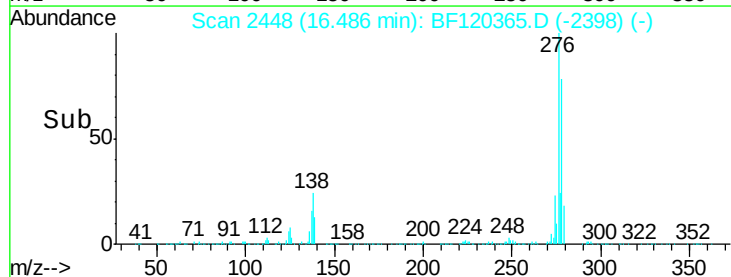
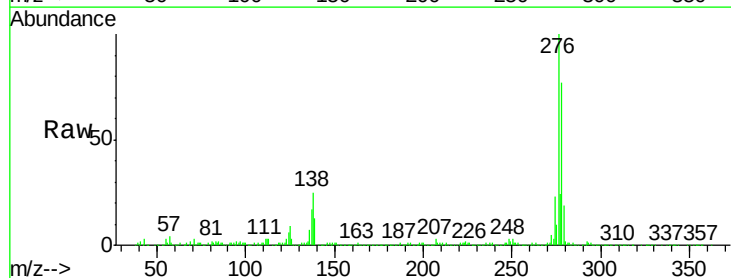
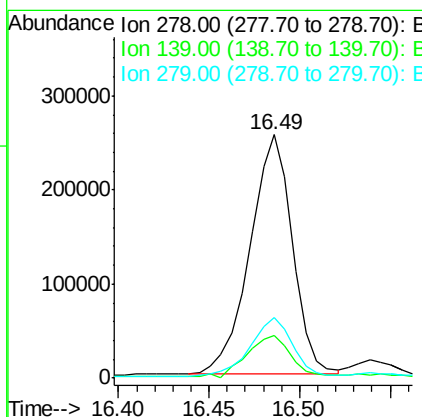
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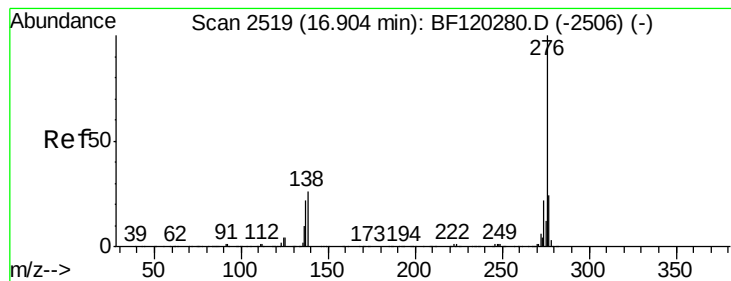
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 22.22 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	411541		
139	17.4		14.7	22.1
279	24.8		19.2	28.8





#92

Benzo(g,h,i)perylene

Concen: 33.53 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF120365.D

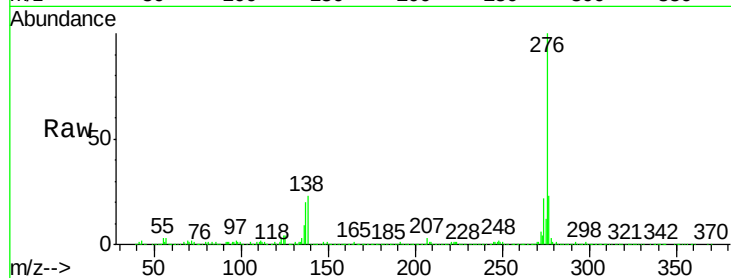
Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS



Tgt Ion: 276 Resp: 626108

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 22.7 20.8 31.2

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