

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122377.D
 Acq On : 19 Nov 2020 13:03
 Operator : JU/CG
 Sample : PB133101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133101BL

Quant Time: Nov 19 14:00:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

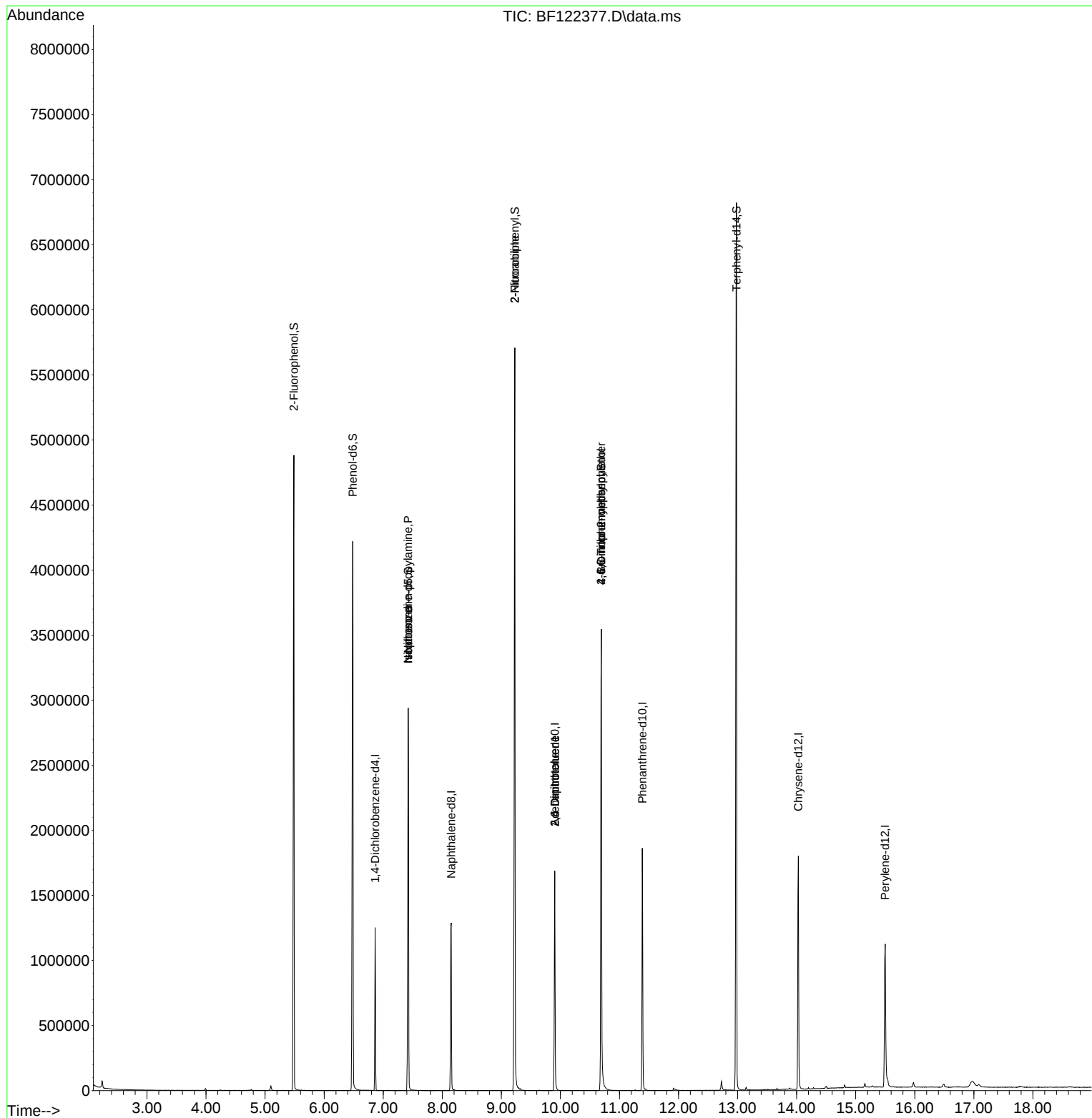
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	172732	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	689054	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	369922	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	701663	20.00	ng	0.00
76) Chrysene-d12	14.027	240	656883	20.00	ng	0.00
86) Perylene-d12	15.498	264	604369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1379540	122.63	ng	0.01
7) Phenol-d6	6.487	99	1752540	119.09	ng	0.00
23) Nitrobenzene-d5	7.422	82	1076874	95.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	530554	133.63	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2025022	85.53	ng	0.00
79) Terphenyl-d14	12.980	244	2401330	77.44	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	2627	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	144097	16.39	ng	# 76
25) Isophorone	7.422	82	1039868	41.44	ng	# 67
48) 2-Nitroaniline	9.228	65	2822	5.53	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	46340	11.10	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	46340	10.39	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1039	6.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	34897	4.23	ng	# 1

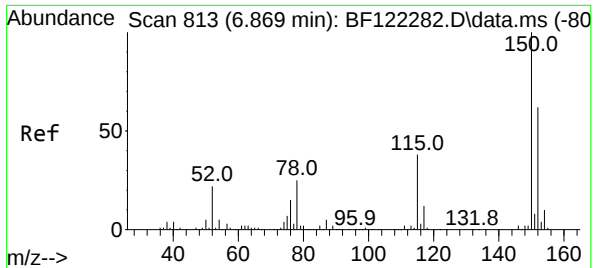
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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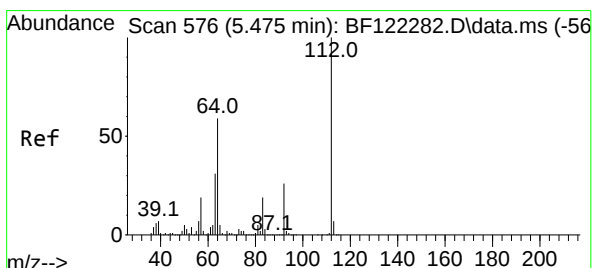
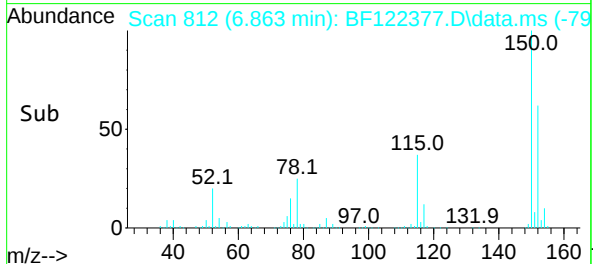
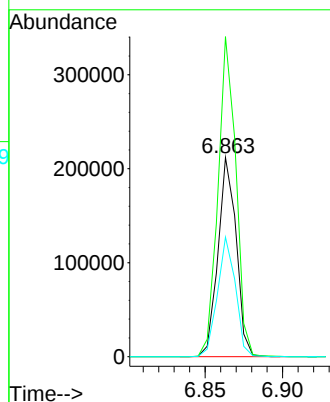
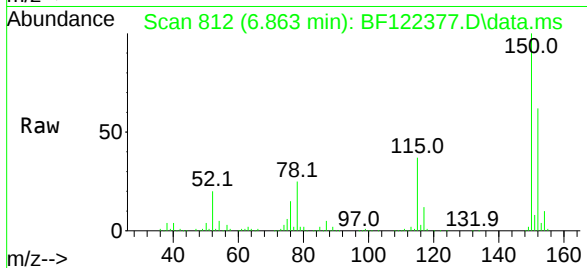




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

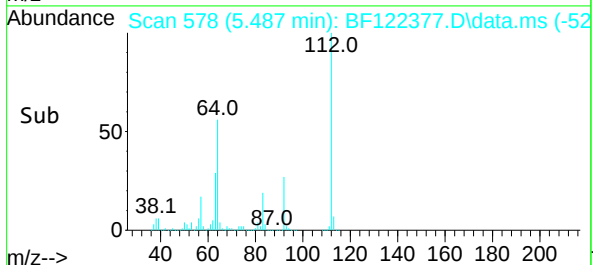
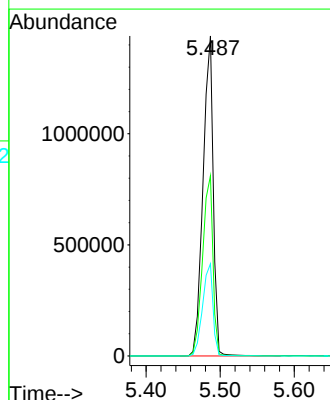
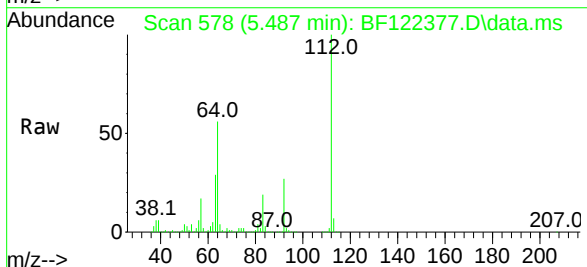
Instrument :
BNA_F
ClientSampleId :
PB133101BL

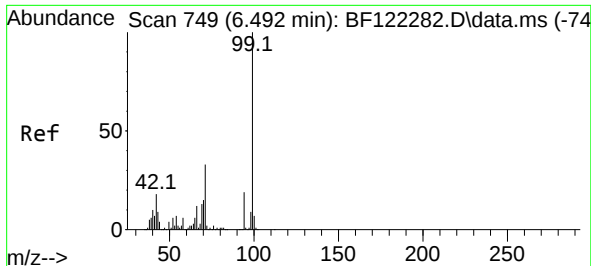
Tgt Ion:152 Resp: 172732
Ion Ratio Lower Upper
152 100
150 160.7 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 122.63 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:112 Resp: 1379540
Ion Ratio Lower Upper
112 100
64 56.3 50.4 75.6
63 28.8 25.8 38.6



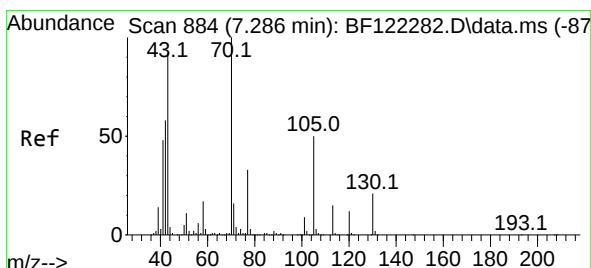
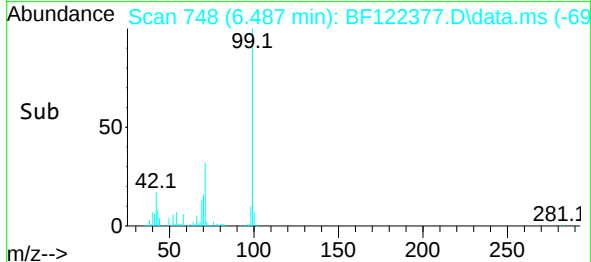
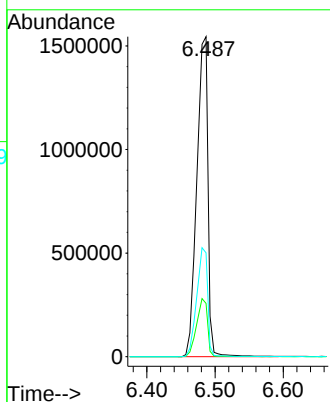
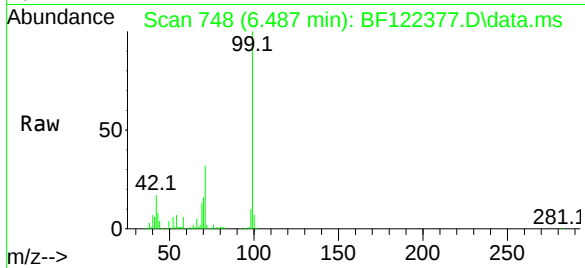


#7
Phenol-d6
Concen: 119.09 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.005 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Instrument :
BNA_F
ClientSampleId :
PB133101BL

Tgt Ion: 99 Resp: 1752540

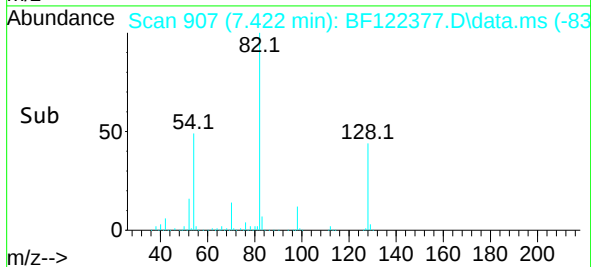
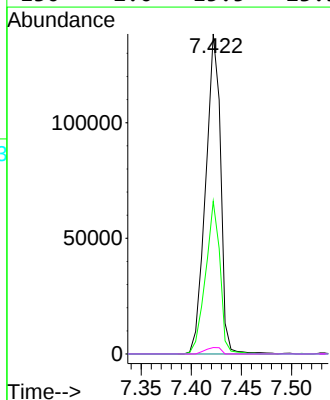
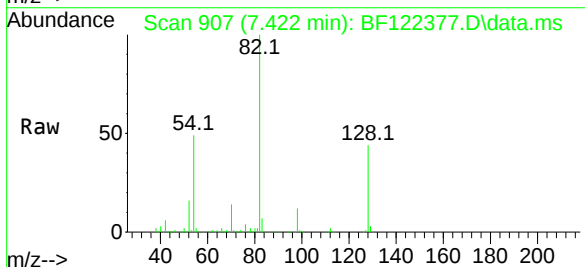
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.9	23.9
71	32.4	27.1	40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion: 70 Resp: 144097

Ion	Ratio	Lower	Upper
70	100		
42	47.7	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



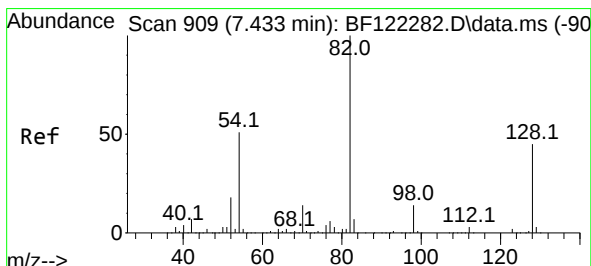
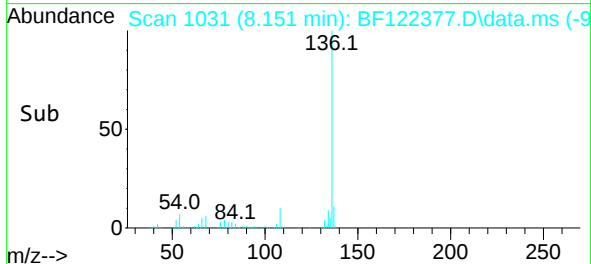
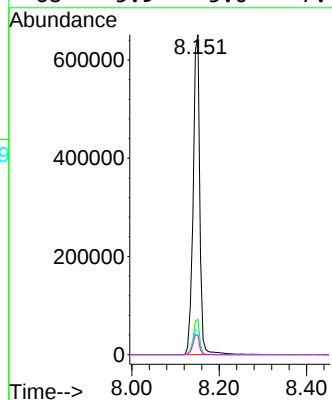
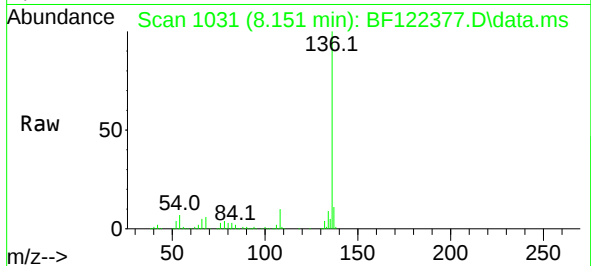


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Instrument :
BNA_F
ClientSampleId :
PB133101BL

Tgt Ion:136 Resp: 689054

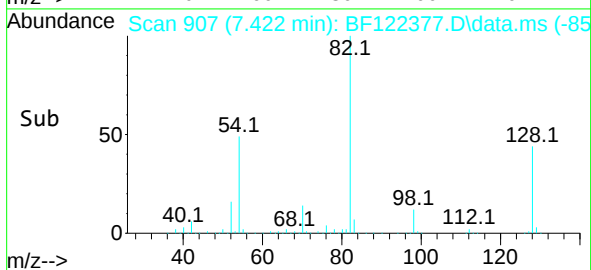
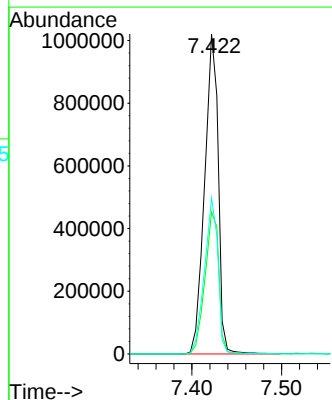
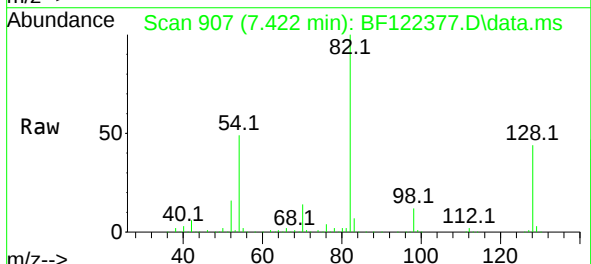
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	7.1	10.7
68	5.9	5.0	7.4

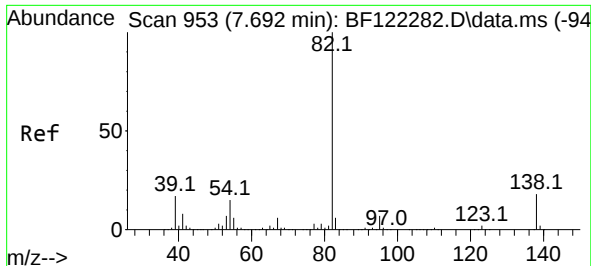


#23
Nitrobenzene-d5
Concen: 95.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.011 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion: 82 Resp: 1076874

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.4
54	48.8	43.9	65.9

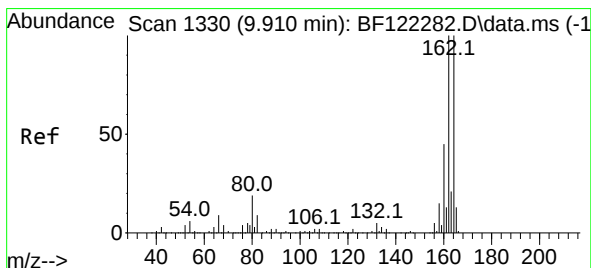
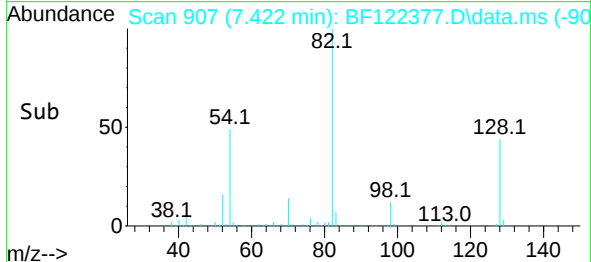
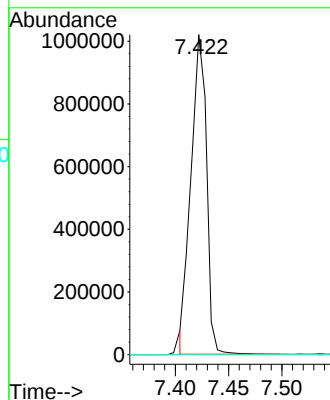
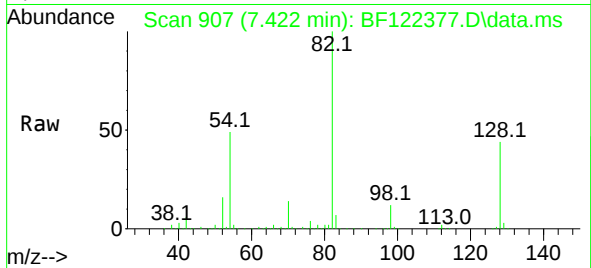




#25
Isophorone
Concen: 41.44 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

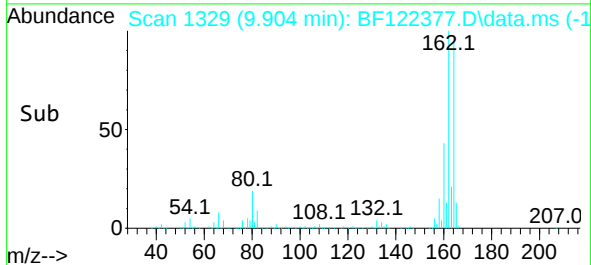
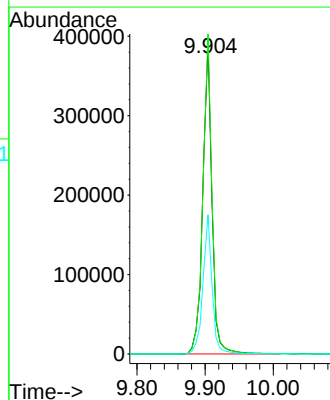
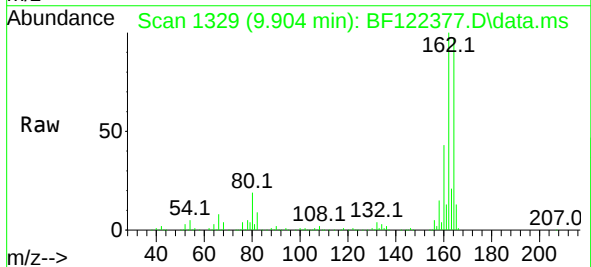
Instrument :
BNA_F
ClientSampleId :
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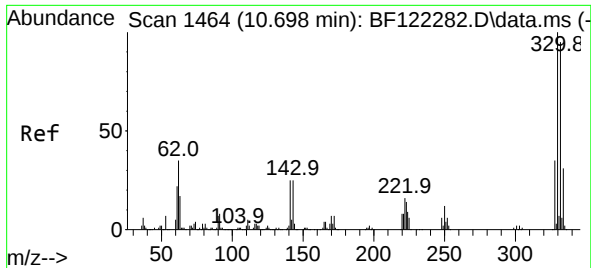
Tgt Ion: 82 Resp: 1039868
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion: 164 Resp: 369922
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 44.7 37.5 56.3

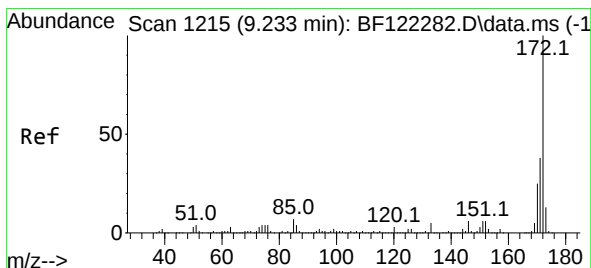
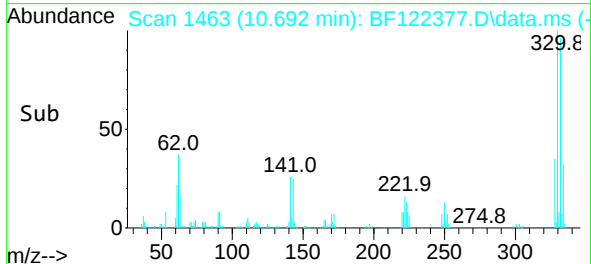
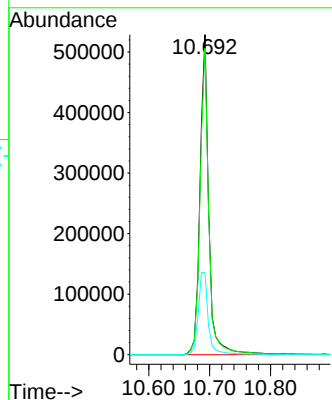
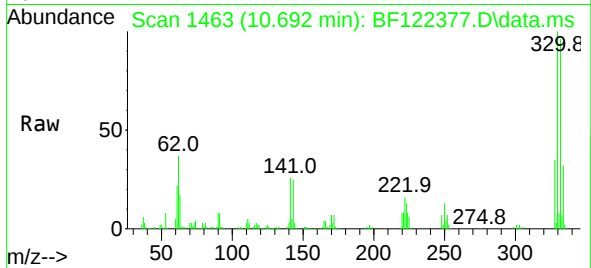




#42
2,4,6-Tribromophenol
Concen: 133.63 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.005 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

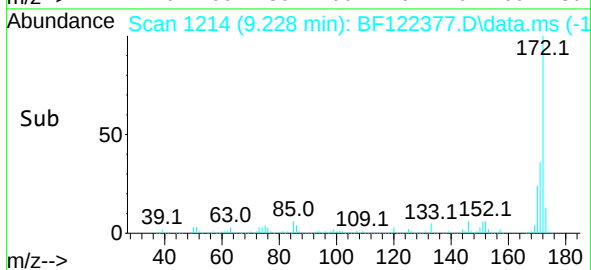
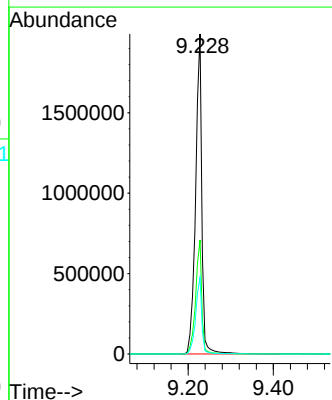
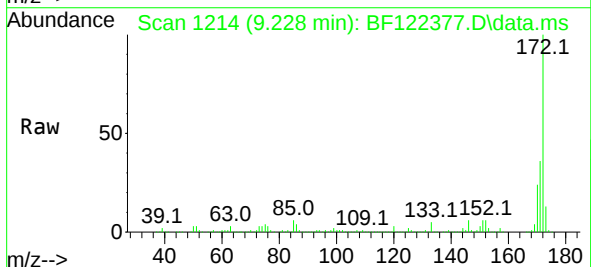
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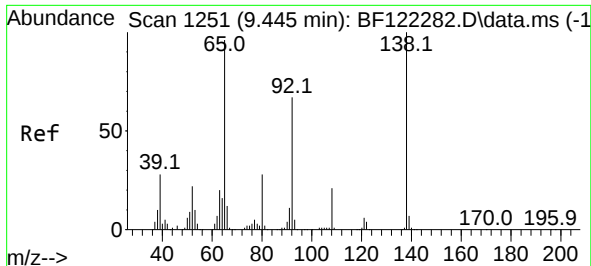
Tgt Ion:330 Resp: 530554
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 85.53 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:172 Resp: 2025022
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.9 19.8 29.6

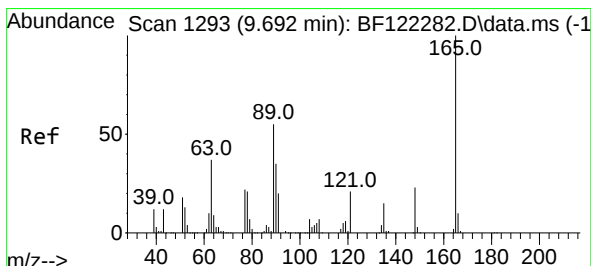
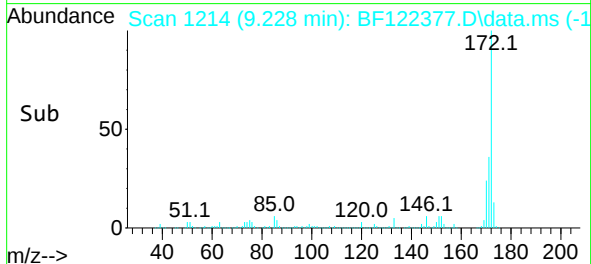
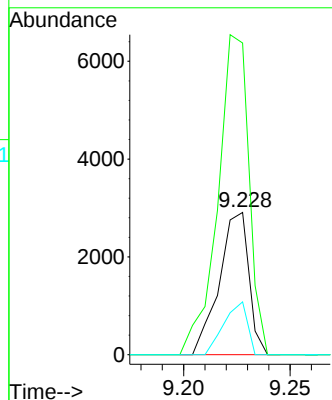
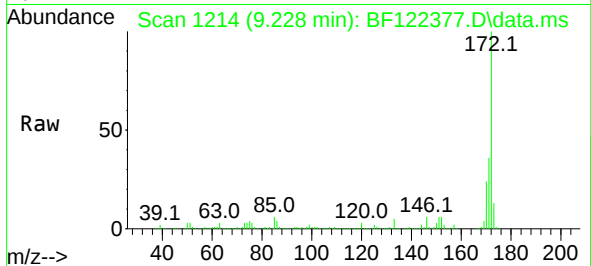




#48
2-Nitroaniline
Concen: 5.53 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.217 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

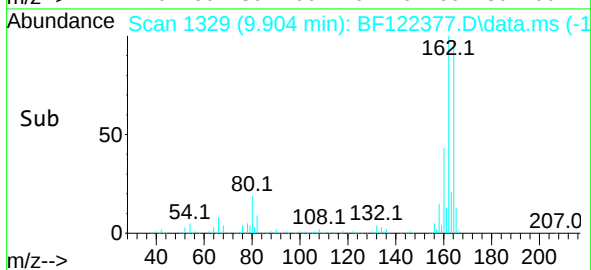
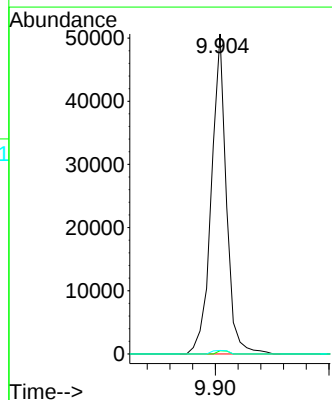
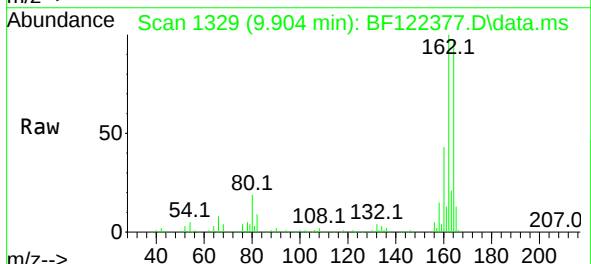
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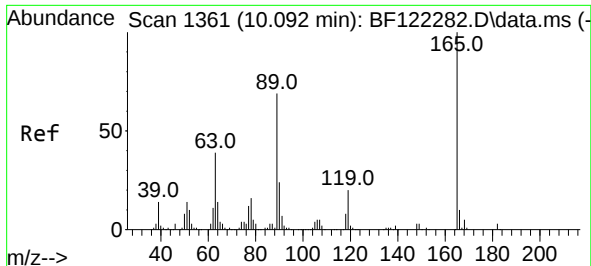
Tgt Ion: 65 Resp: 2822
Ion Ratio Lower Upper
65 100
92 219.1 55.1 82.7#
138 37.1 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.10 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:165 Resp: 46340
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.1 49.0 73.6#

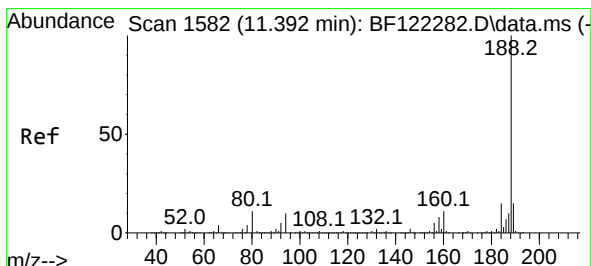
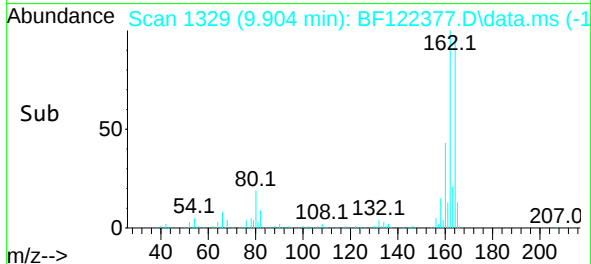
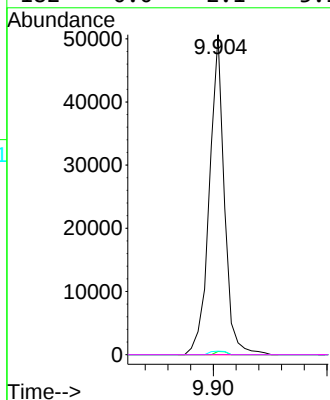
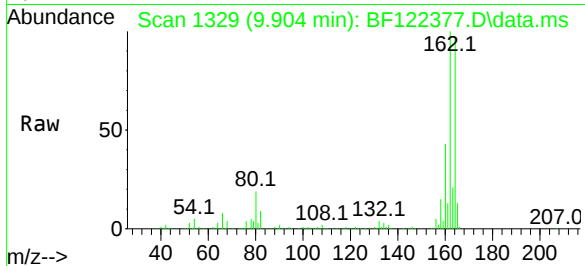




#57
2,4-Dinitrotoluene
Concen: 10.39 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

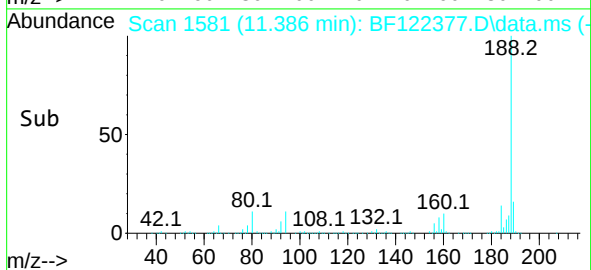
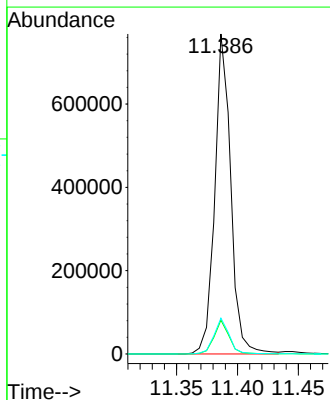
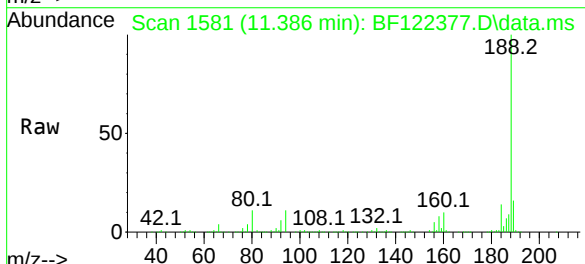
Instrument :
BNA_F
ClientSampleId :
PB133101BL

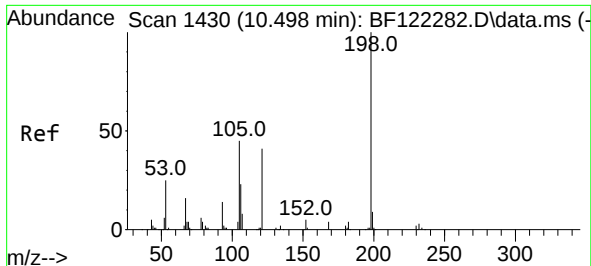
Tgt Ion:165 Resp: 46340
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:188 Resp: 701663
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.2 9.1 13.7

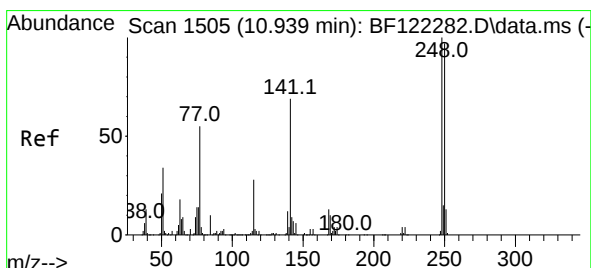
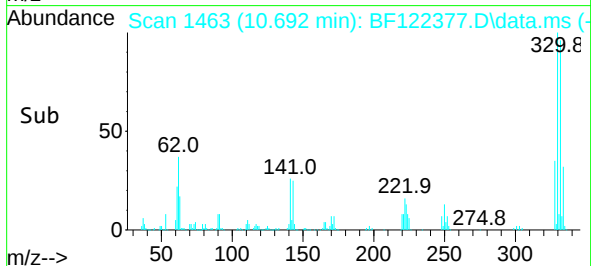
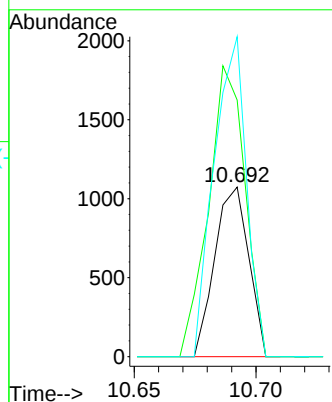
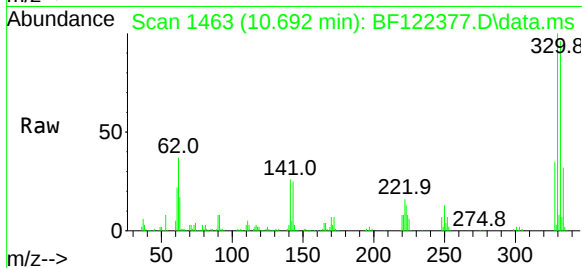




#65
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

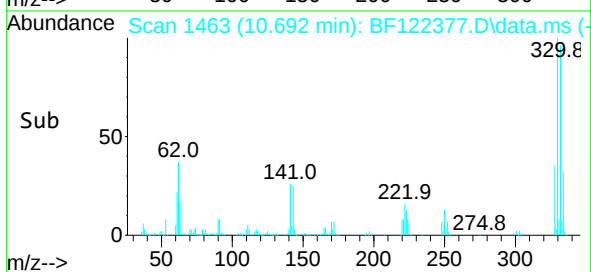
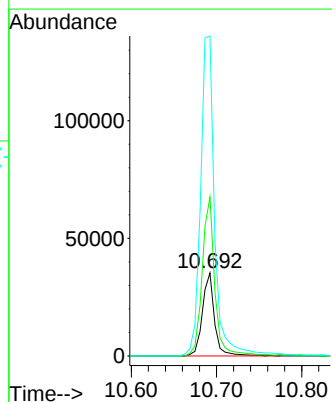
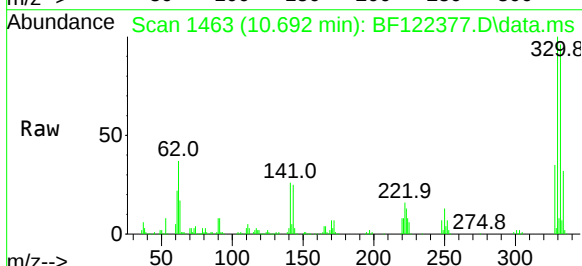
Instrument :
BNA_F
ClientSampleId :
PB133101BL

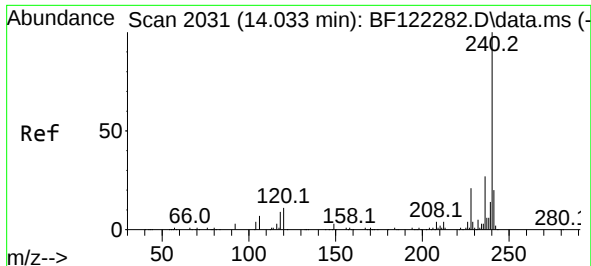
Tgt Ion:198 Resp: 1039
Ion Ratio Lower Upper
198 100
51 151.3 29.6 69.6#
105 188.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:248 Resp: 34897
Ion Ratio Lower Upper
248 100
250 191.4 77.0 115.6#
141 385.1 53.7 80.5#

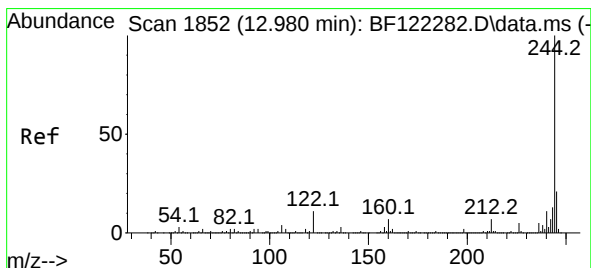
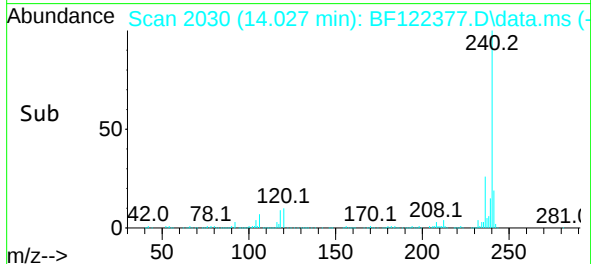
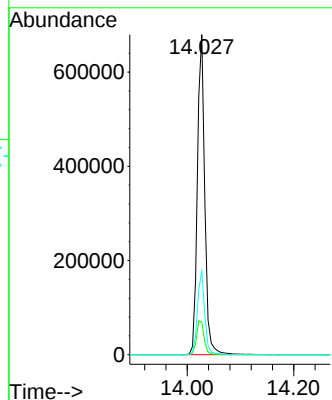
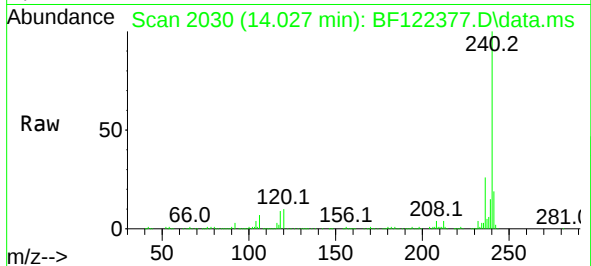




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

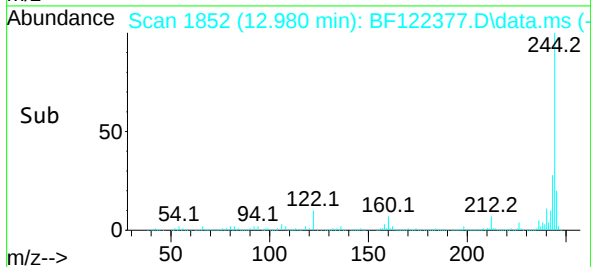
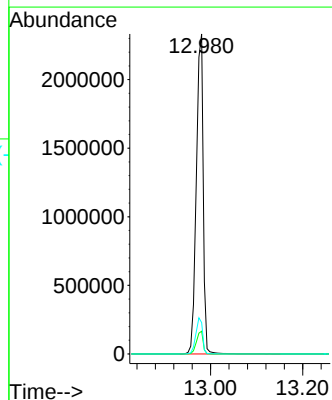
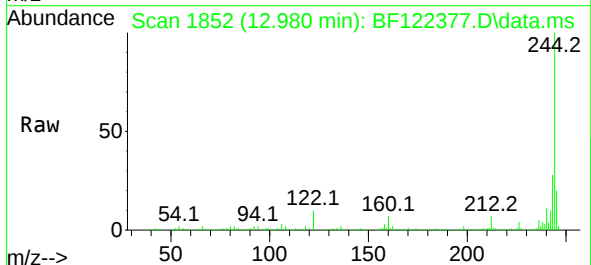
Instrument :
BNA_F
ClientSampleId :
PB133101BL

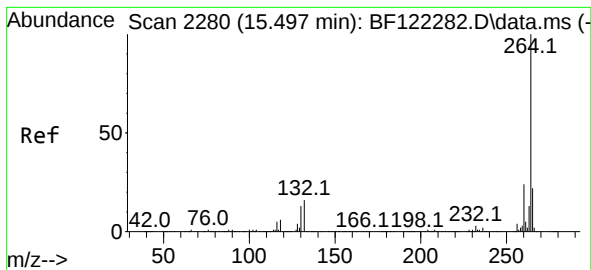
Tgt Ion:240 Resp: 656883
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 77.44 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Tgt Ion:244 Resp: 2401330
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.8 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122377.D
Acq: 19 Nov 2020 13:03

Instrument :
BNA_F
ClientSampleId :
PB133101BL

Tgt Ion:264 Resp: 604369

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.3	25.9

