

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126084.D
 Acq On : 9 Nov 2021 16:15
 Operator : JU/CG
 Sample : PB140626BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140626BL

Quant Time: Nov 09 16:43:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

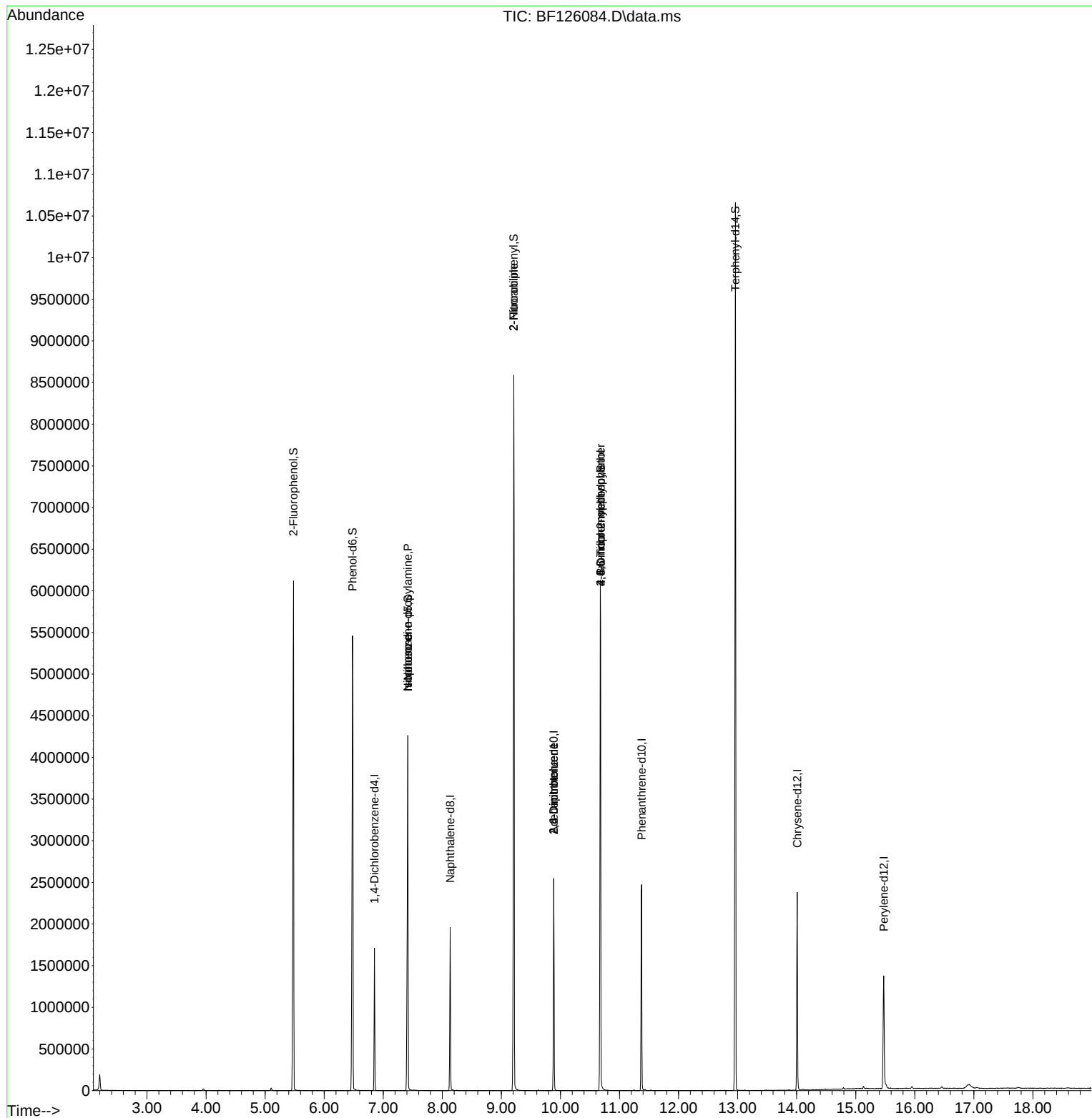
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	206476	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	780859	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	487050	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	939710	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	820873	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	696430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1476569	122.808	ng	0.02
7) Phenol-d6	6.481	99	1932576	114.022	ng	0.00
23) Nitrobenzene-d5	7.416	82	1403434	84.761	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	760564	136.262	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2762854	76.658	ng	0.00
79) Terphenyl-d14	12.963	244	3602382	70.766	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	4604	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	201593	18.042	ng	# 61
25) Isophorone	7.416	82	1390090	46.630	ng	# 59
48) 2-Nitroaniline	9.210	65	5630	3.396	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	61044	10.044	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	61044	9.677	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	2473	8.769	ng	# 61
67) 4-Bromophenyl-phenylether	10.680	248	50816	4.465	ng	# 1

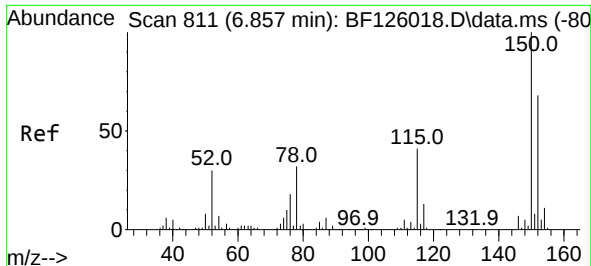
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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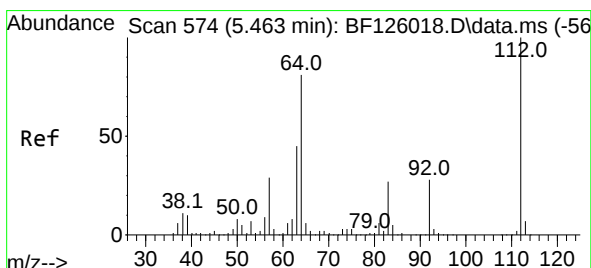
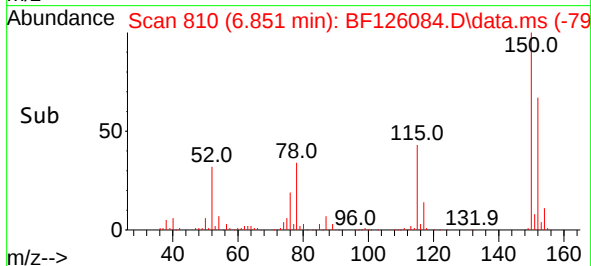
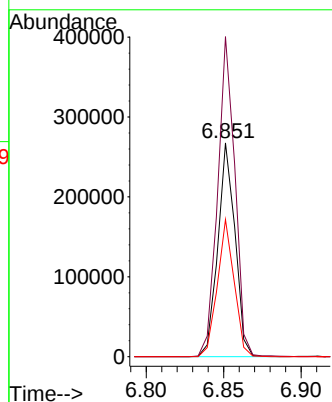
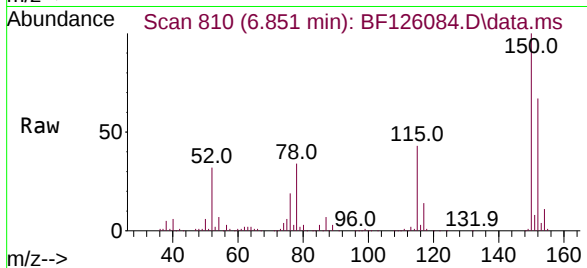




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

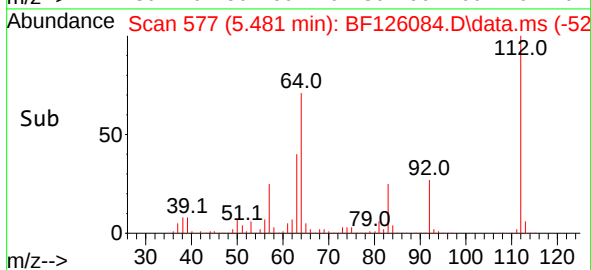
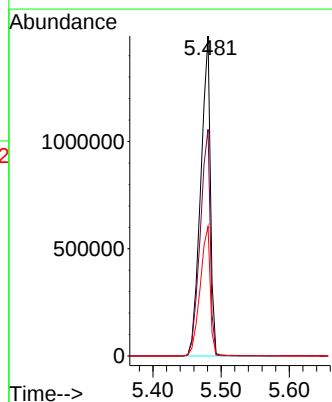
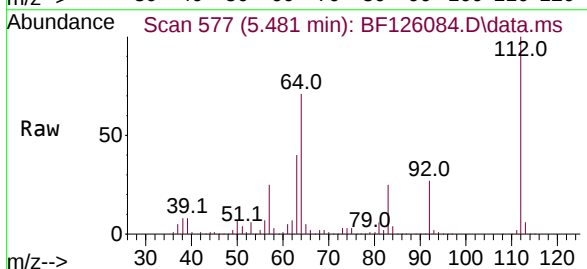
Instrument :
BNA_F
ClientSampleId :
PB140626BL

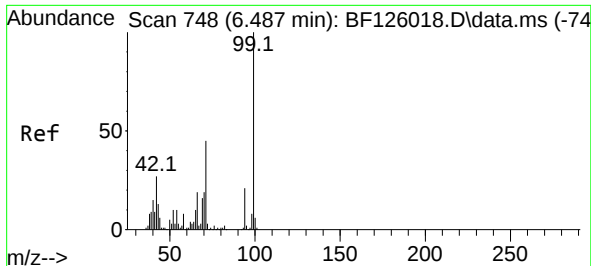
Tgt Ion:152 Resp: 206476
Ion Ratio Lower Upper
152 100
150 149.7 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 122.808 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:112 Resp: 1476569
Ion Ratio Lower Upper
112 100
64 70.8 44.2 66.2#
63 40.4 26.2 39.2#

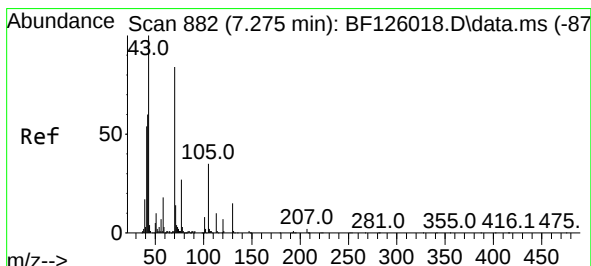
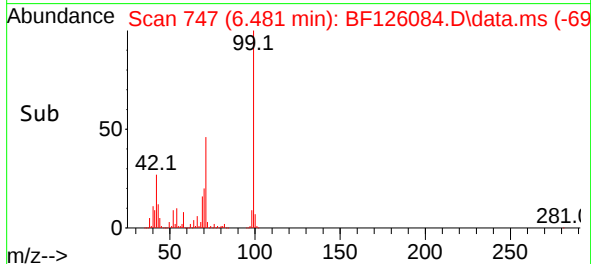
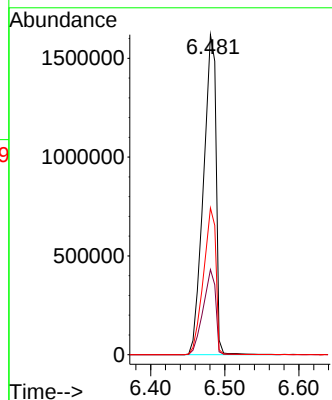
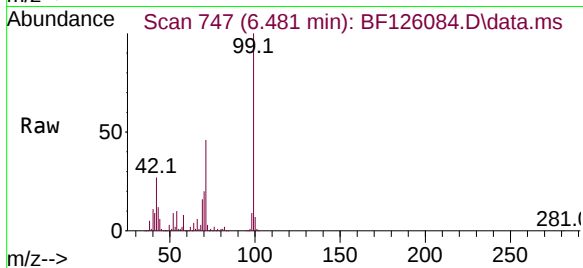




#7
Phenol-d6
Concen: 114.022 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

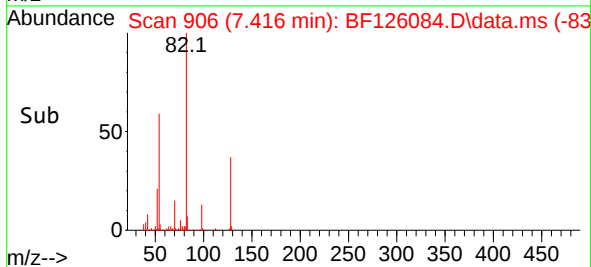
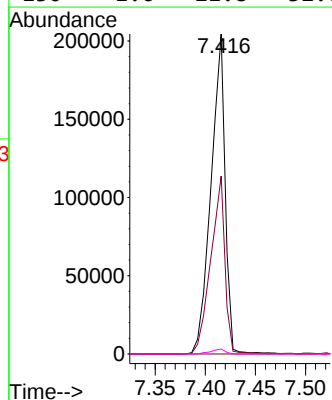
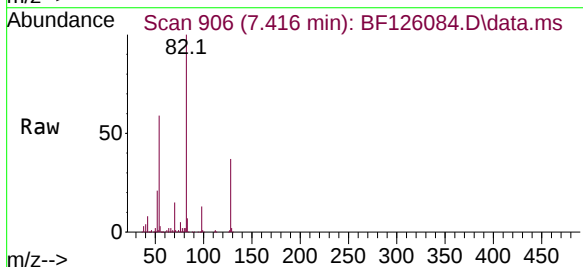
Instrument :
BNA_F
ClientSampleId :
PB140626BL

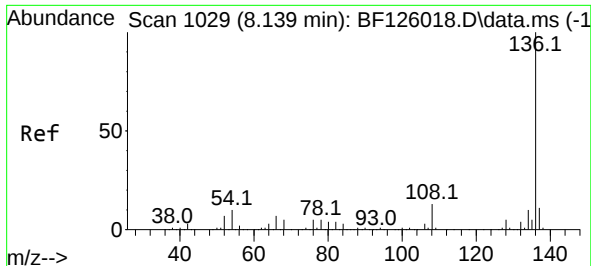
Tgt Ion: 99 Resp: 1932576
Ion Ratio Lower Upper
99 100
42 26.6 23.5 35.3
71 45.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.042 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion: 70 Resp: 201593
Ion Ratio Lower Upper
70 100
42 55.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

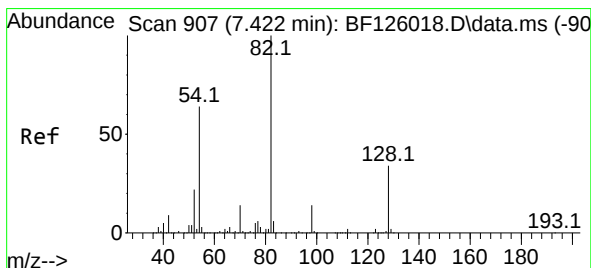
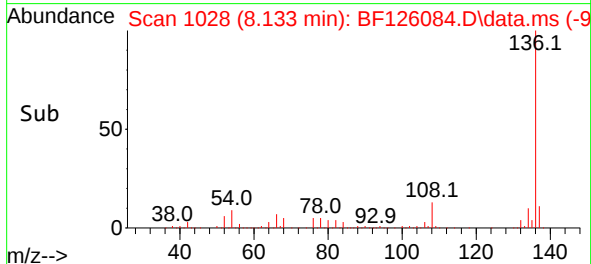
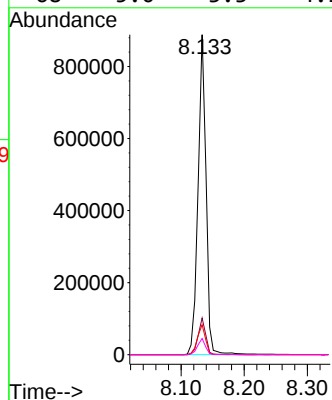
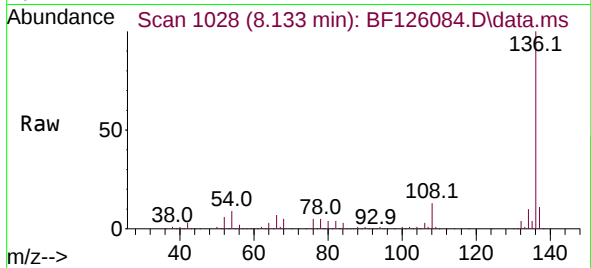




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

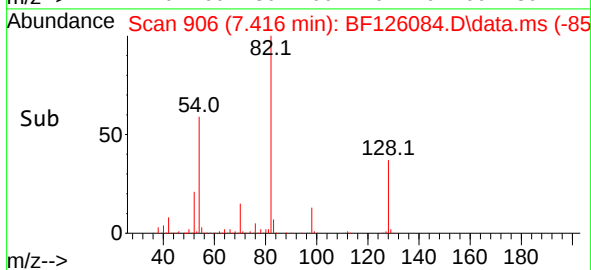
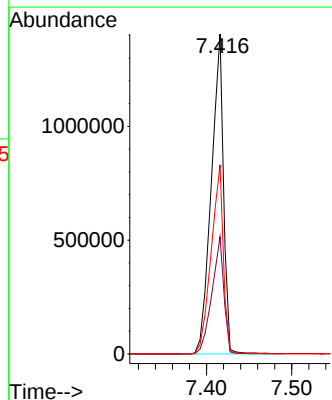
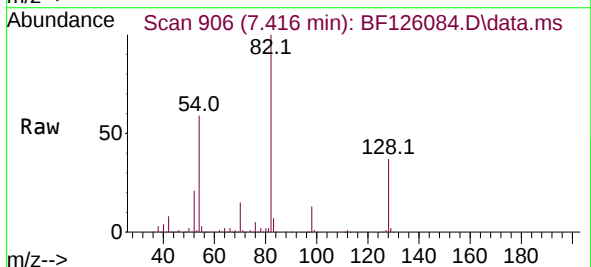
Instrument :
BNA_F
ClientSampleId :
PB140626BL

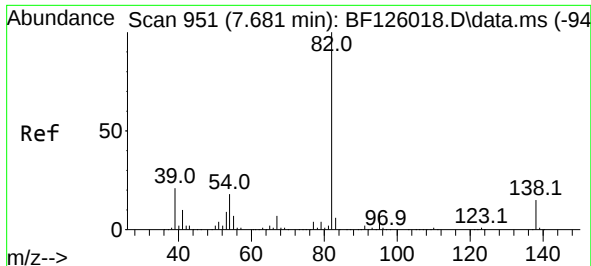
Tgt Ion:136 Resp: 780859
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 9.4 6.4 9.6
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.761 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion: 82 Resp: 1403434
Ion Ratio Lower Upper
82 100
128 36.6 40.6 60.8#
54 59.1 49.6 74.4

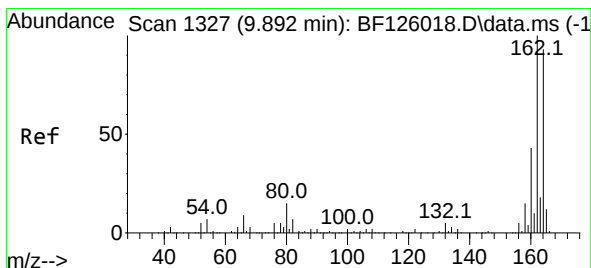
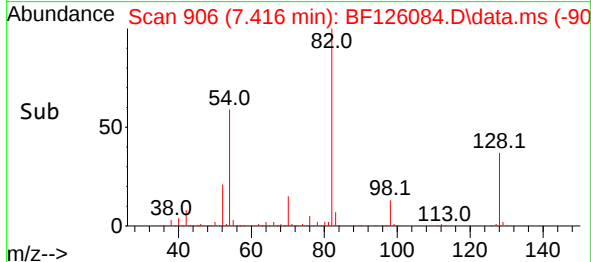
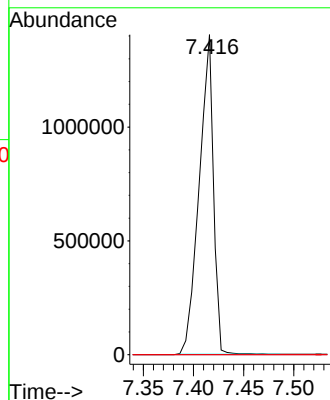
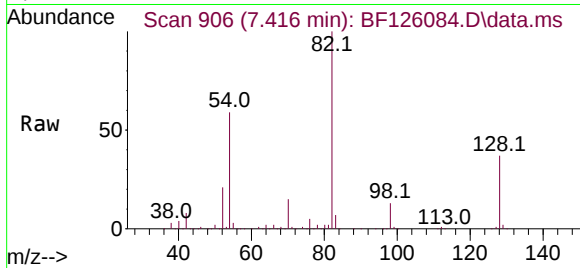




#25
Isophorone
Concen: 46.630 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

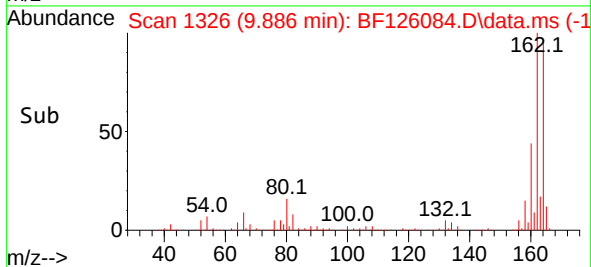
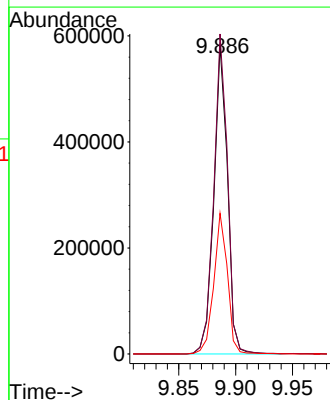
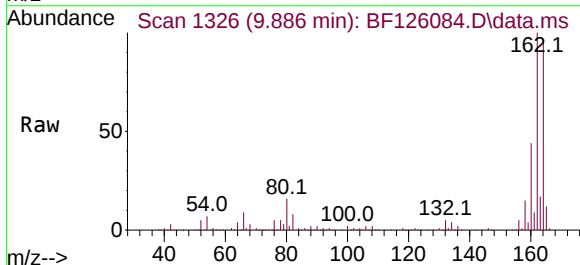
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ClientSampleId :
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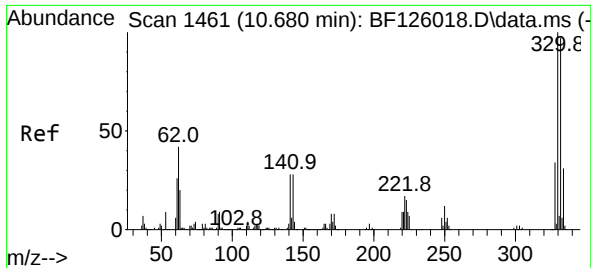
Tgt Ion: 82 Resp: 1390090
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:164 Resp: 487050
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 45.5 38.0 57.0

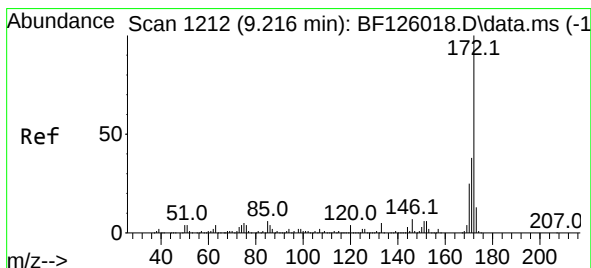
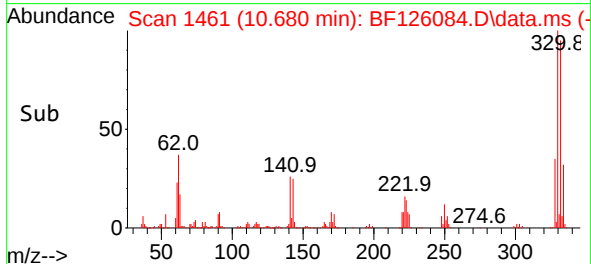
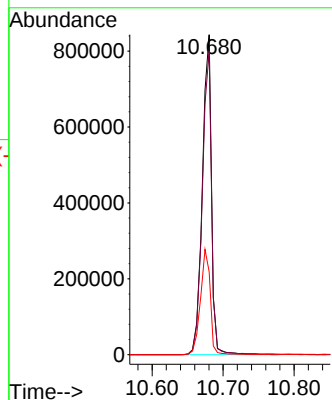
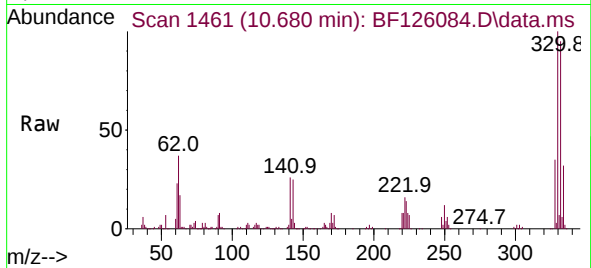




#42
2,4,6-Tribromophenol
Concen: 136.262 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

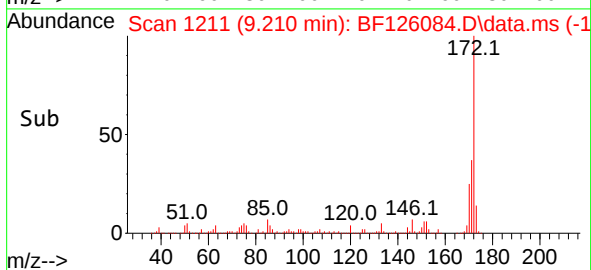
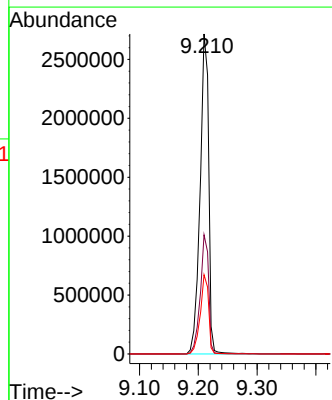
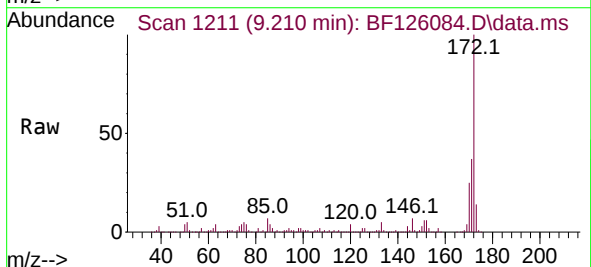
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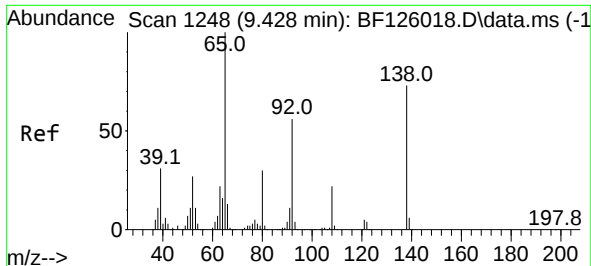
Tgt Ion:330 Resp: 760564
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 35.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.658 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:172 Resp: 2762854
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2

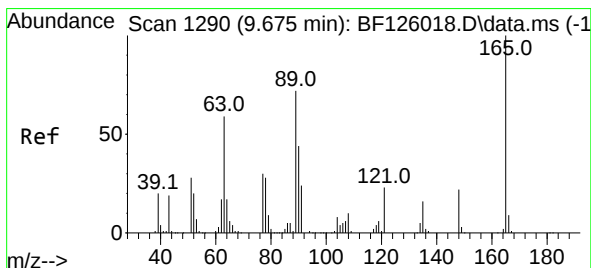
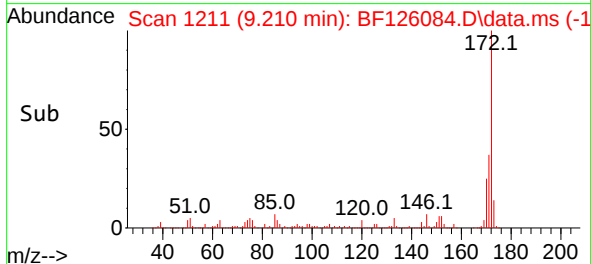
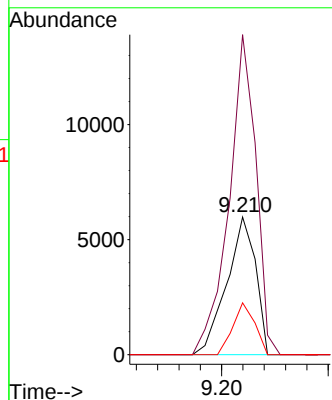
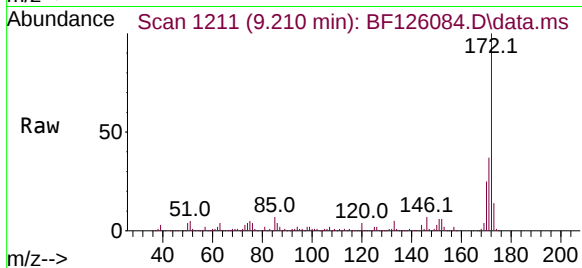




#48
2-Nitroaniline
Concen: 3.396 ng
RT: 9.210 min Scan# 111
Delta R.T. -0.218 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

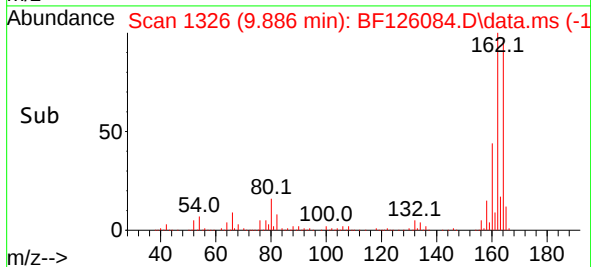
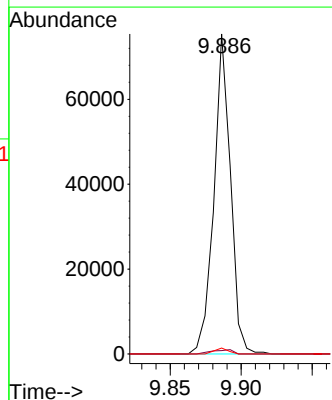
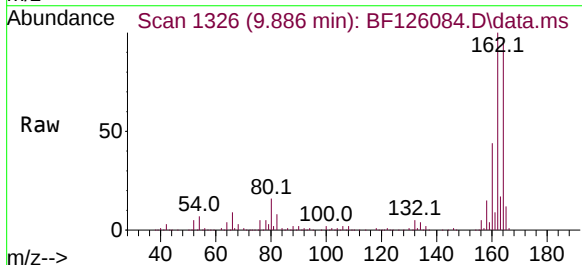
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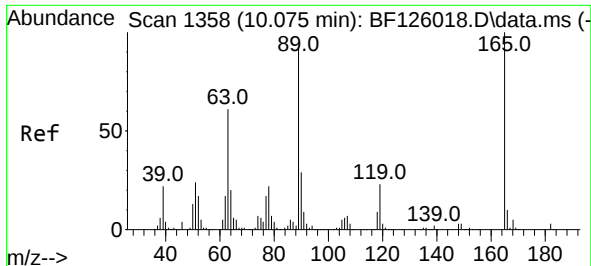
Tgt Ion: 65 Resp: 5630
Ion Ratio Lower Upper
65 100
92 232.4 55.5 83.3#
138 37.6 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.044 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

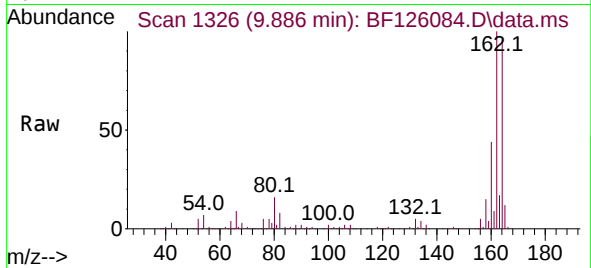
Tgt Ion:165 Resp: 61044
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.9 40.6 60.8#



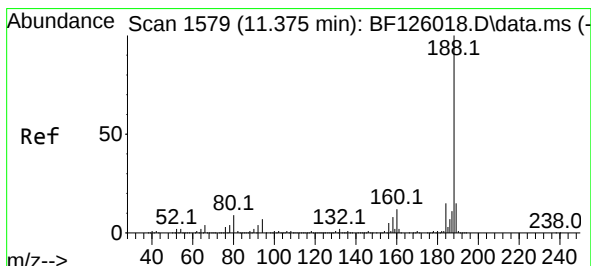
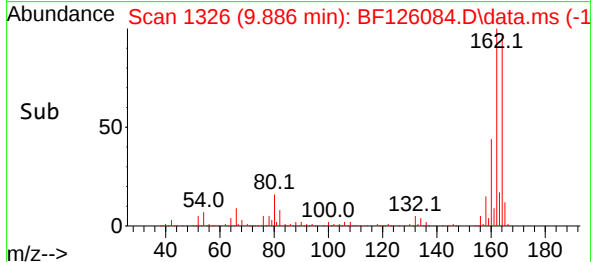
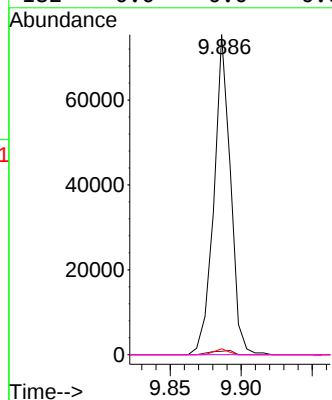


#57
2,4-Dinitrotoluene
Concen: 9.677 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Instrument :
BNA_F
ClientSampleId :
PB140626BL

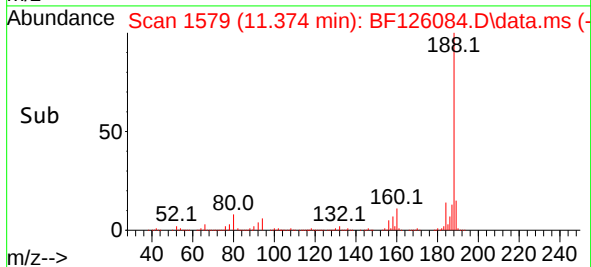
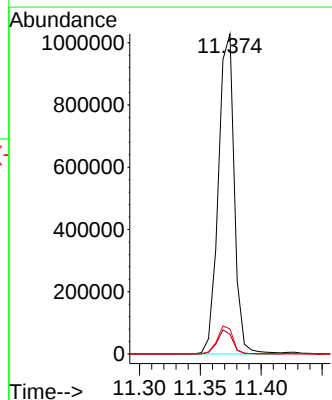
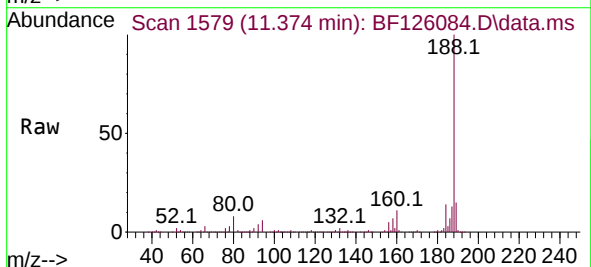


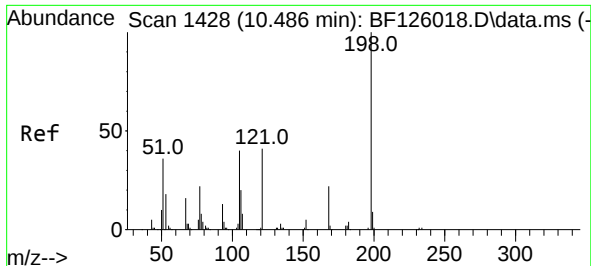
Tgt Ion:165 Resp: 61044
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:188 Resp: 939710
Ion Ratio Lower Upper
188 100
94 6.2 6.7 10.1#
80 7.8 7.5 11.3

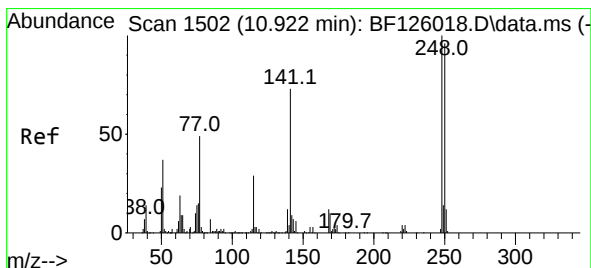
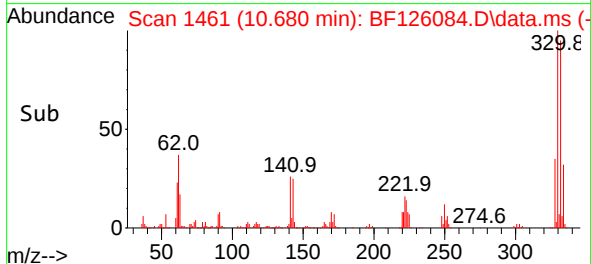
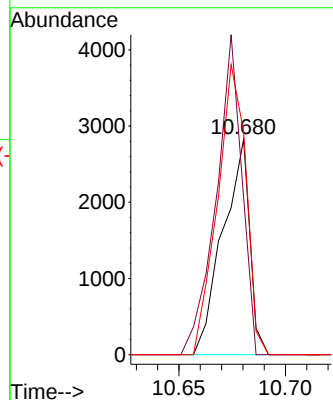
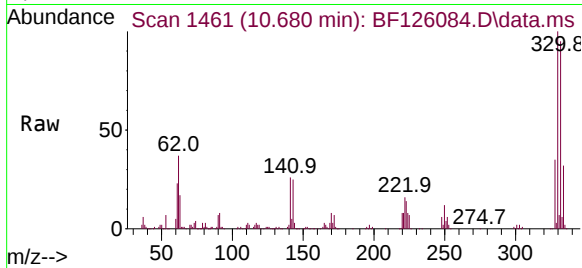




#65
4,6-Dinitro-2-methylphenol
Concen: 8.769 ng
RT: 10.680 min Scan# 1428
Delta R.T. 0.194 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

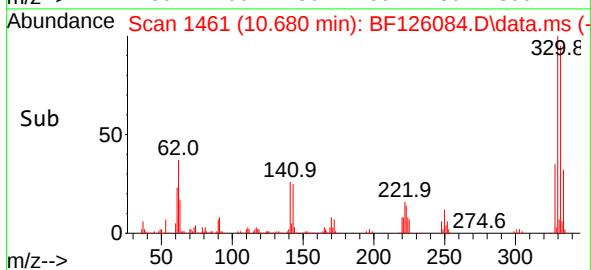
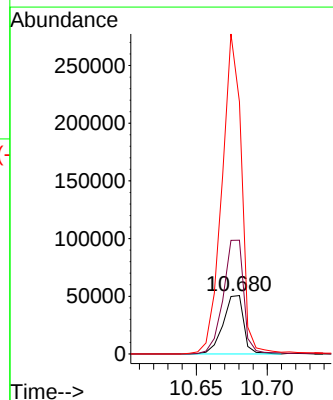
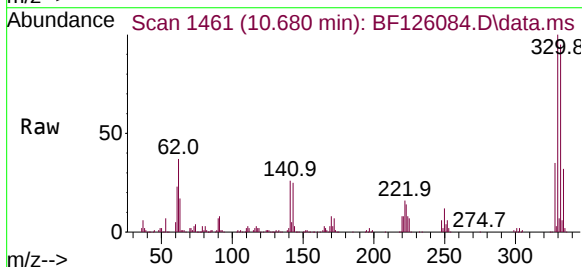
Instrument :
BNA_F
ClientSampleId :
PB140626BL

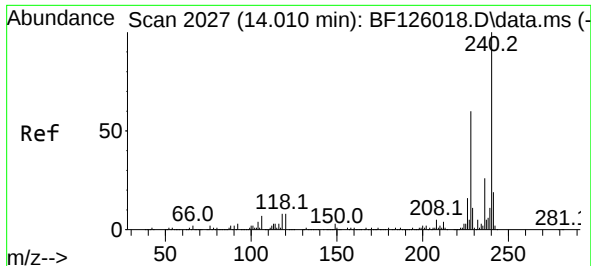
Tgt Ion:198 Resp: 2473
Ion Ratio Lower Upper
198 100
51 73.0 45.3 85.3
105 103.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.242 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:248 Resp: 50816
Ion Ratio Lower Upper
248 100
250 194.7 74.2 111.4#
141 431.6 60.4 90.6#

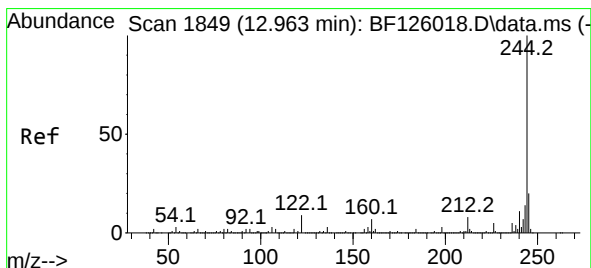
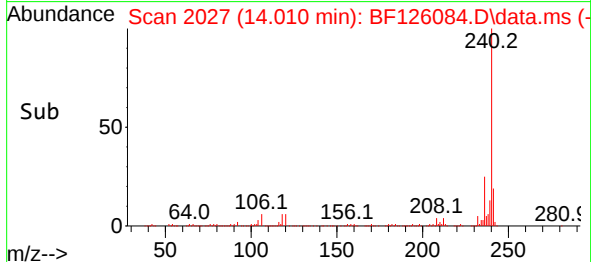
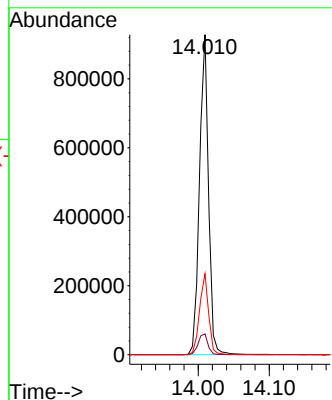
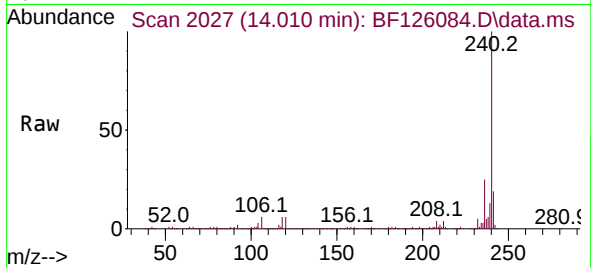




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

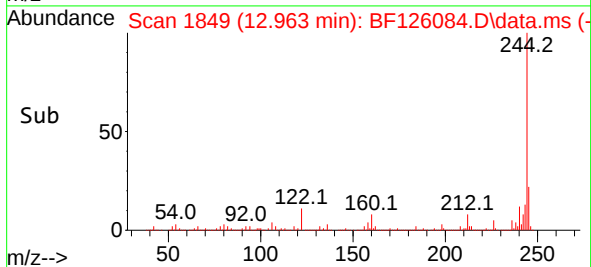
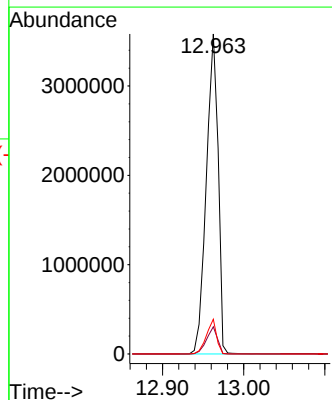
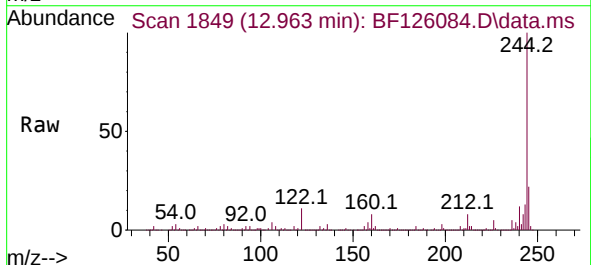
Instrument :
BNA_F
ClientSampleId :
PB140626BL

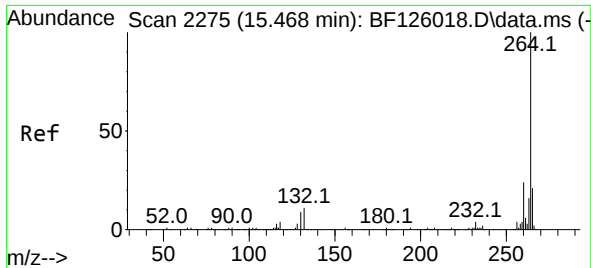
Tgt Ion:240 Resp: 820873
Ion Ratio Lower Upper
240 100
120 6.5 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 70.766 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126084.D
Acq: 9 Nov 2021 16:15

Tgt Ion:244 Resp: 3602382
Ion Ratio Lower Upper
244 100
212 8.5 5.9 8.9
122 10.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126084.D
 Acq: 9 Nov 2021 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB140626BL

Tgt Ion:264 Resp: 696430
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.6 17.2 25.8

