

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126131.D
 Acq On : 11 Nov 2021 18:12
 Operator : JU/CG
 Sample : M4639-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-7/1-2

Quant Time: Nov 12 09:41:08 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)

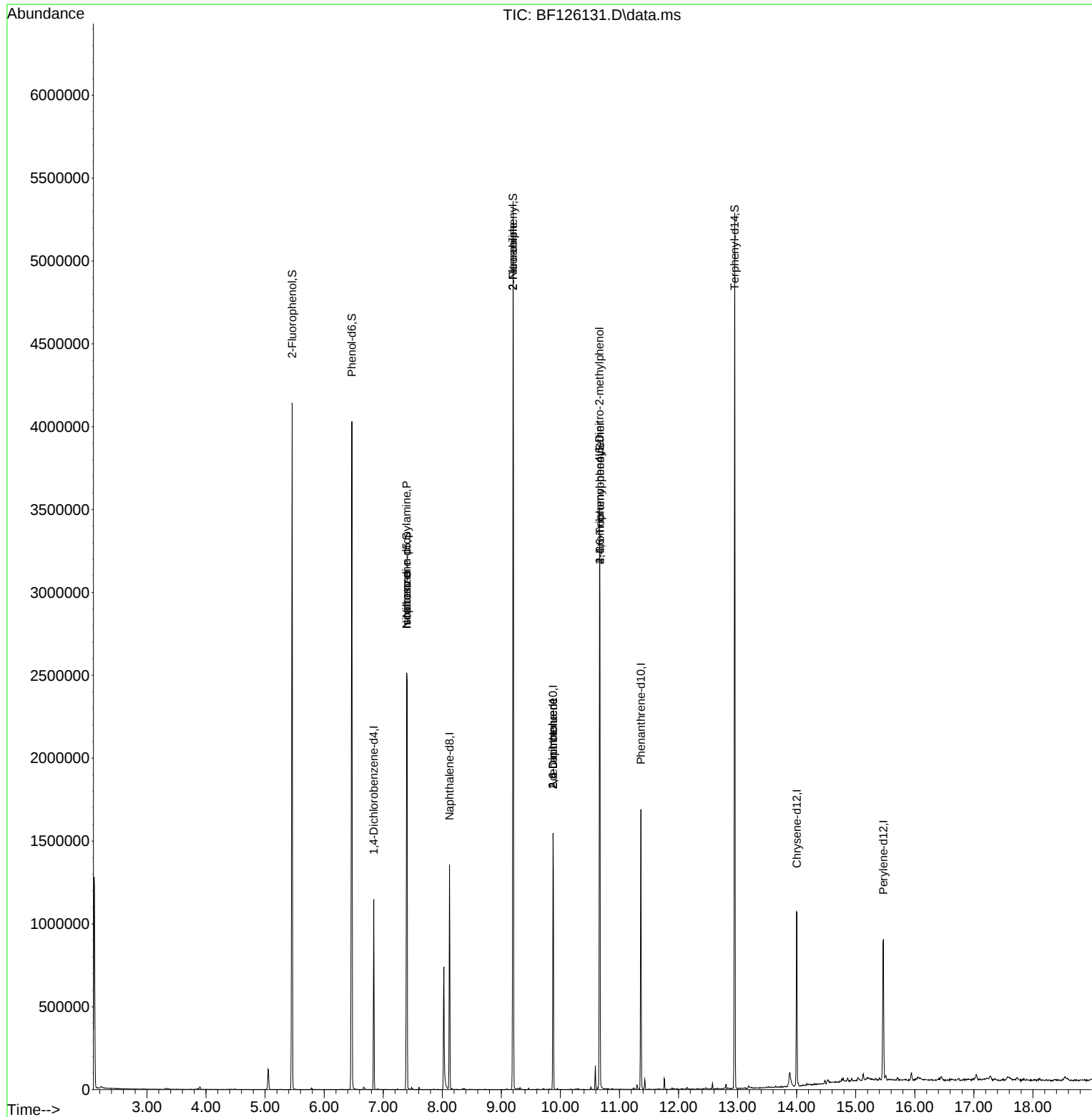
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	134900	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	503371	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	295596	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	553767	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	378963	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	389431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	887462	112.974	ng	0.00
7) Phenol-d6	6.469	99	1146924	103.573	ng	-0.02
23) Nitrobenzene-d5	7.398	82	840745	78.769	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	389969	115.119	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1521609	69.563	ng	-0.02
79) Terphenyl-d14	12.951	244	1604667	68.281	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	2695	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	120738	16.539	ng	# 61
25) Isophorone	7.398	82	840614	43.743	ng	# 59
48) 2-Nitroaniline	9.198	65	3510	3.411	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	39526	10.715	ng	# 28
57) 2,4-Dinitrotoluene	9.875	165	39526	10.113	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	1120	8.664	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	25924	3.865	ng	# 1

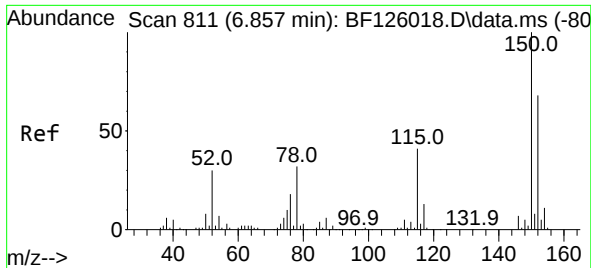
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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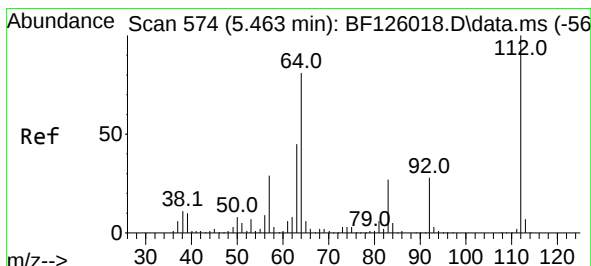
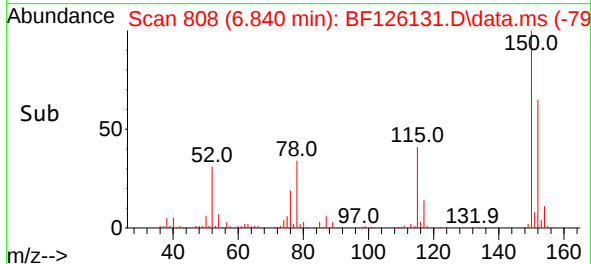
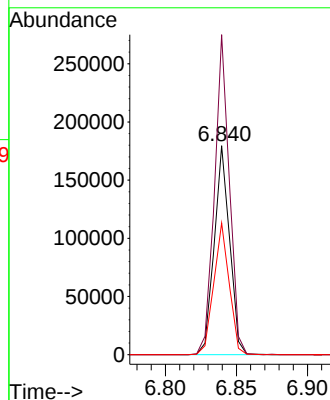
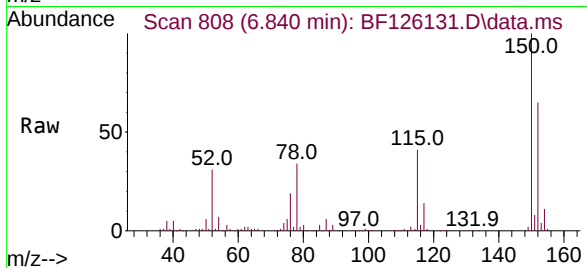




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.017 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

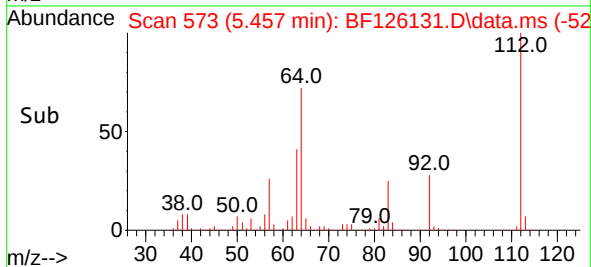
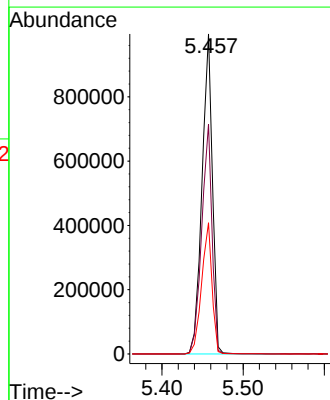
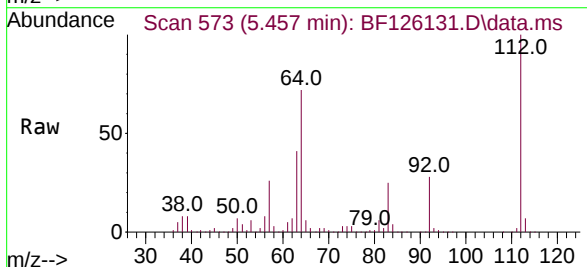
Instrument :
BNA_F
ClientSampleId :
TT-7/1-2

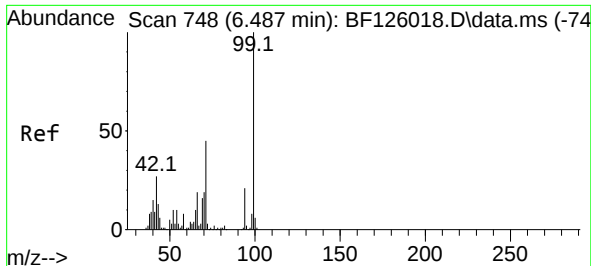
Tgt Ion:152 Resp: 134900
Ion Ratio Lower Upper
152 100
150 153.1 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 112.974 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion:112 Resp: 887462
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 41.0 26.2 39.2#



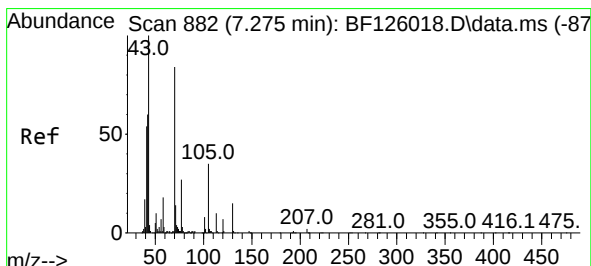
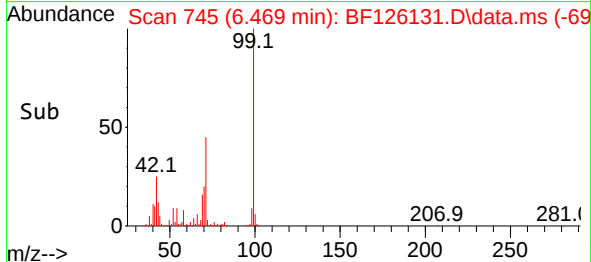
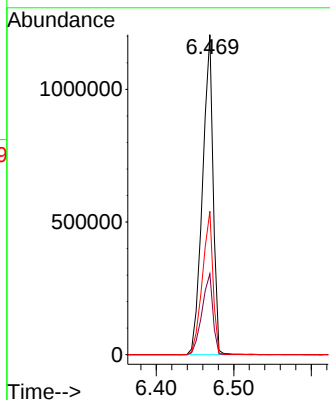
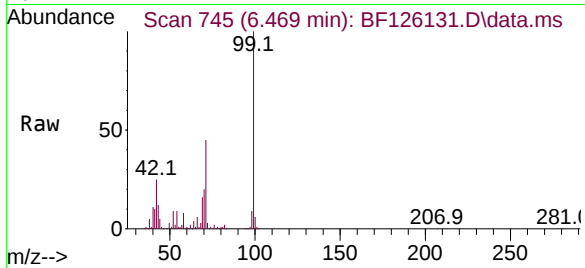


#7
Phenol-d6
Concen: 103.573 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Instrument :
BNA_F
ClientSampleId :
TT-7/1-2

Tgt Ion: 99 Resp: 1146924

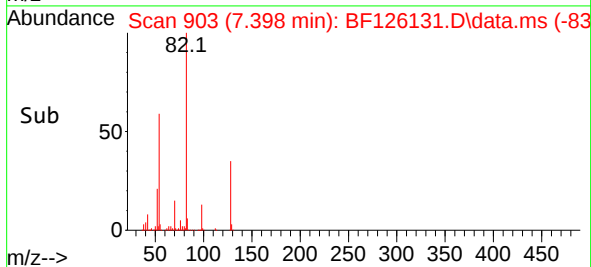
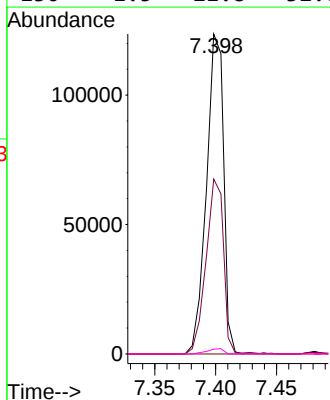
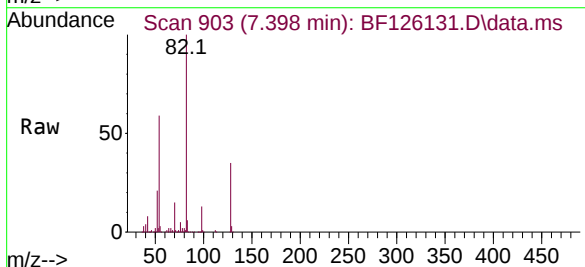
Ion	Ratio	Lower	Upper
99	100		
42	25.3	23.5	35.3
71	44.8	25.6	38.4

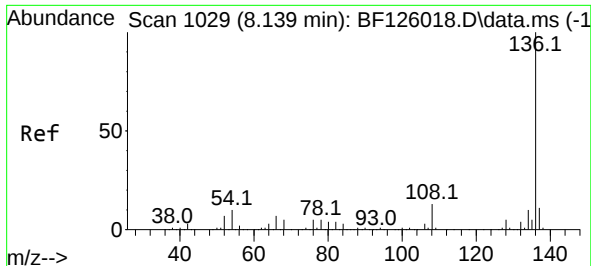


#19
n-Nitroso-di-n-propylamine
Concen: 16.539 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.124 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion: 70 Resp: 120738

Ion	Ratio	Lower	Upper
70	100		
42	54.6	72.2	108.2
101	0.0	7.8	11.8
130	1.5	21.8	32.6

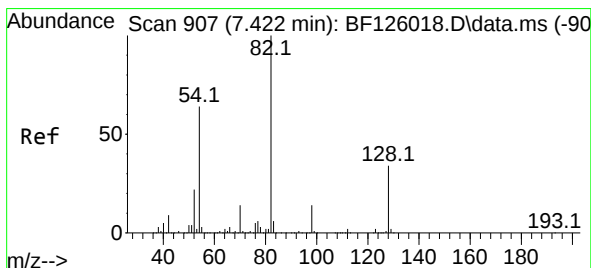
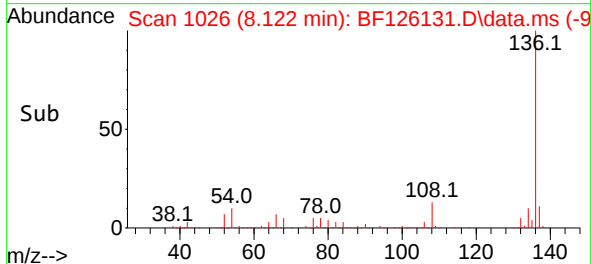
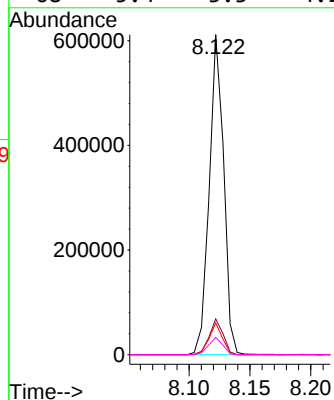
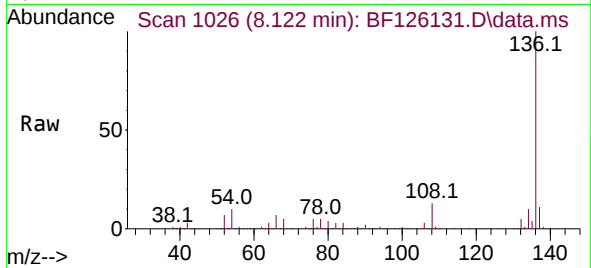




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

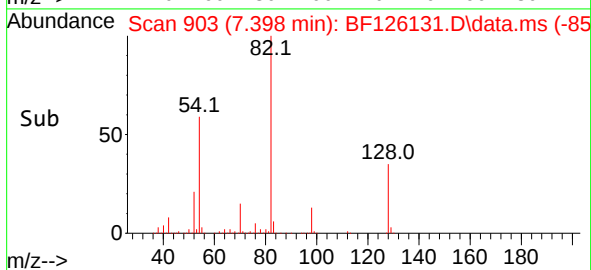
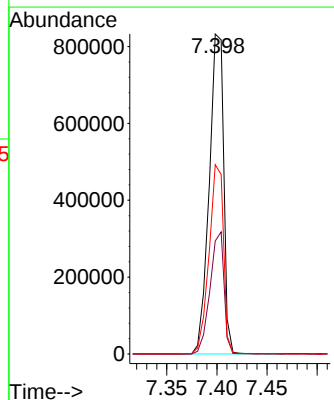
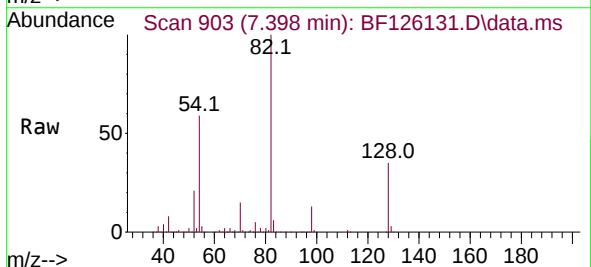
Instrument :
BNA_F
ClientSampleId :
TT-7/1-2

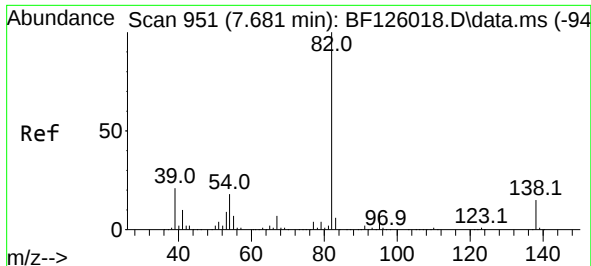
Tgt Ion:136	Resp: 503371
Ion Ratio	Lower Upper
136	100
137	11.2 9.8 14.6
54	9.9 6.4 9.6#
68	5.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 78.769 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.024 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion: 82	Resp: 840745
Ion Ratio	Lower Upper
82	100
128	35.3 40.6 60.8#
54	59.1 49.6 74.4

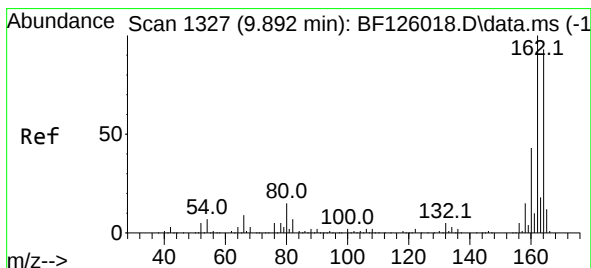
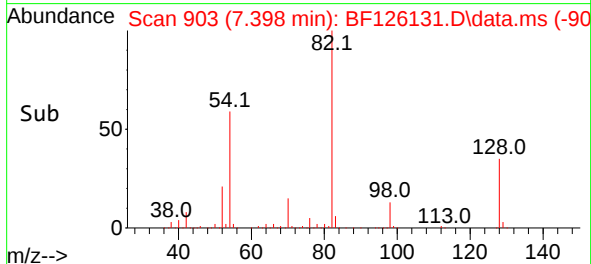
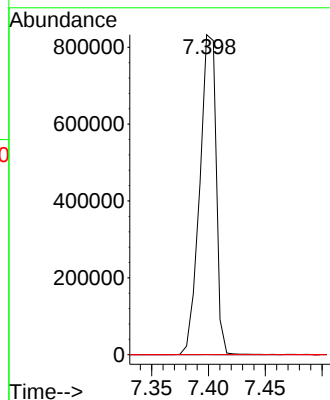
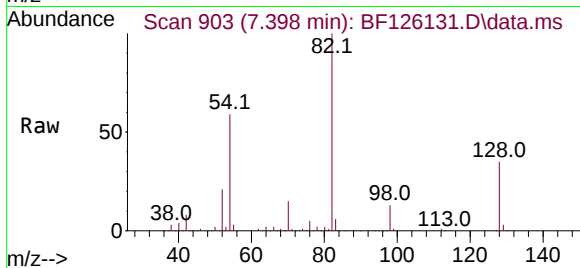




#25
Isophorone
Concen: 43.743 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.283 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

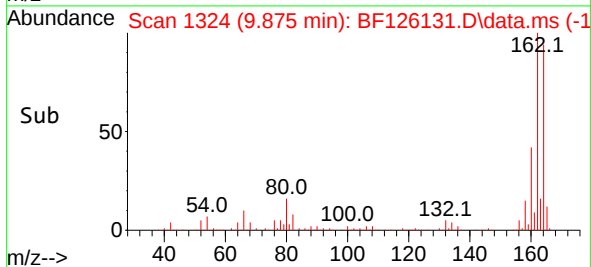
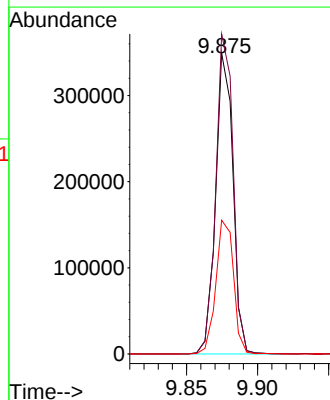
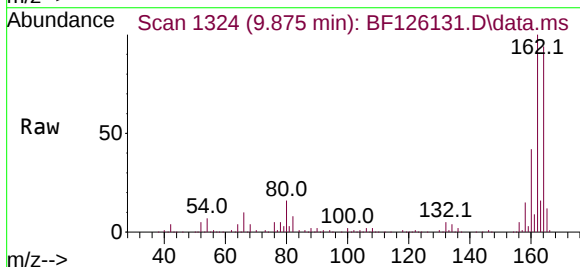
Instrument :
BNA_F
ClientSampleId :
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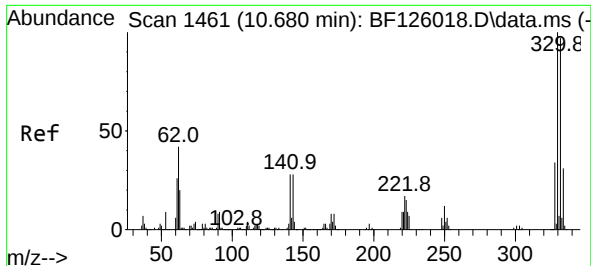
Tgt Ion: 82 Resp: 840614
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.017 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion: 164 Resp: 295596
Ion Ratio Lower Upper
164 100
162 106.4 81.3 121.9
160 44.4 38.0 57.0

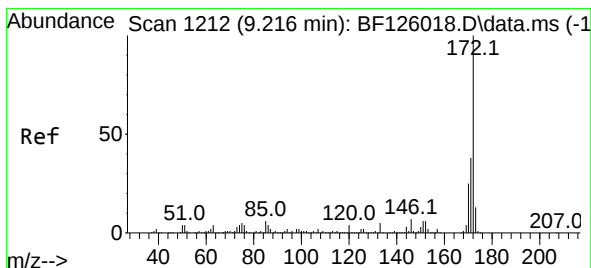
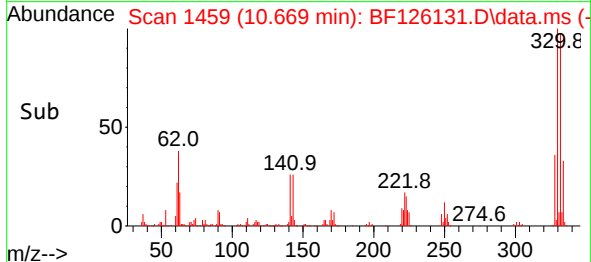
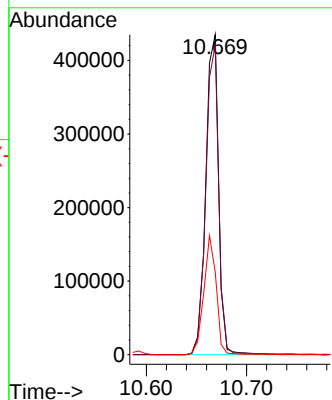
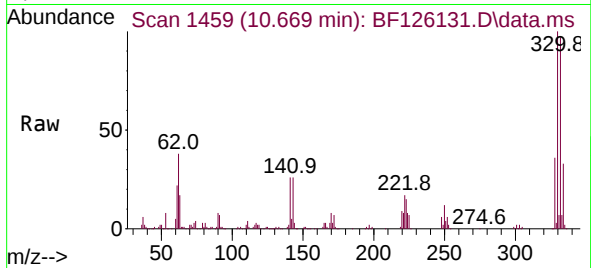




#42
2,4,6-Tribromophenol
Concen: 115.119 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

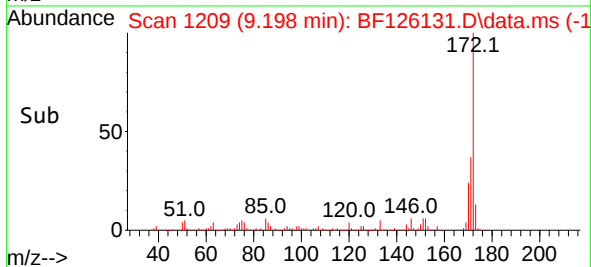
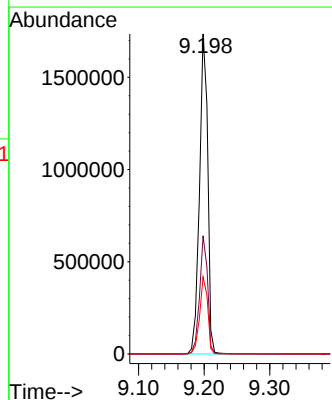
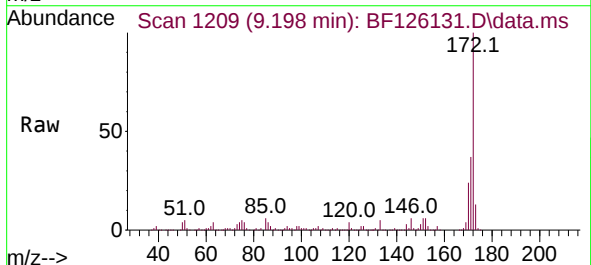
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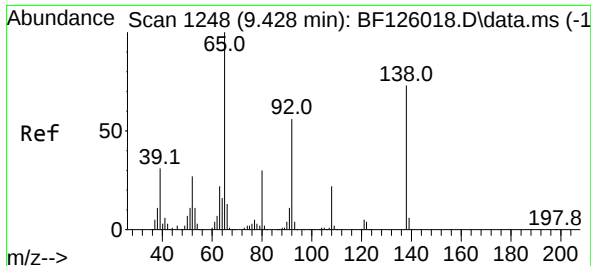
Tgt Ion:330 Resp: 389969
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 35.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.563 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion:172 Resp: 1521609
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 24.1 18.8 28.2

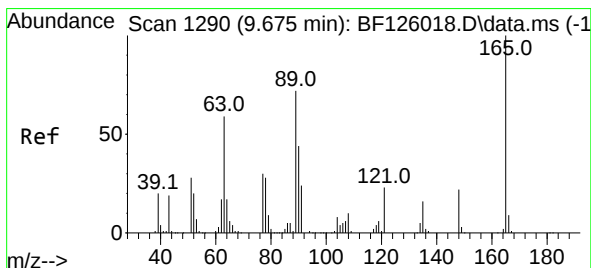
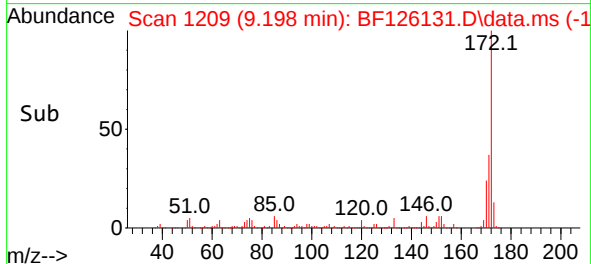
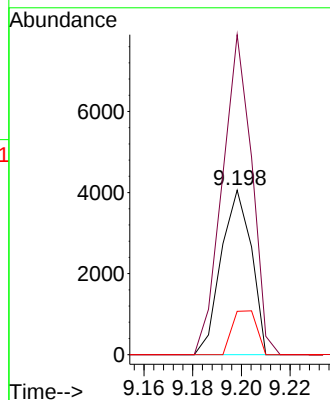
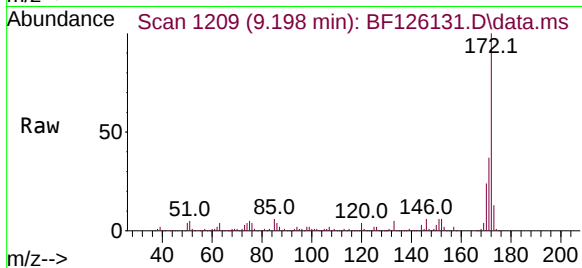




#48
2-Nitroaniline
Concen: 3.411 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

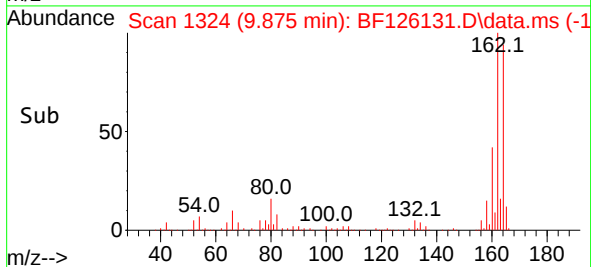
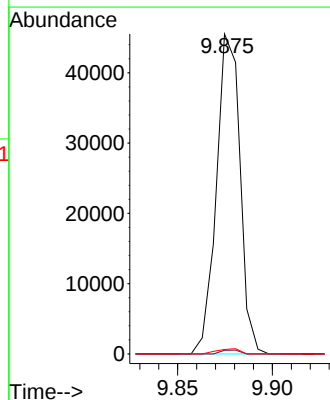
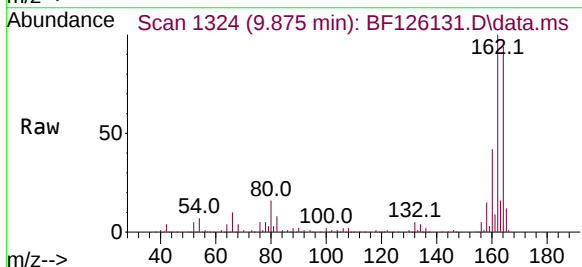
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TT-7/1-2

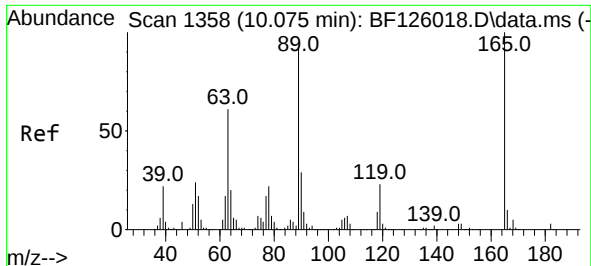
Tgt Ion: 65 Resp: 3510
Ion Ratio Lower Upper
65 100
92 194.6 55.5 83.3#
138 26.3 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.715 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.200 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion:165 Resp: 39526
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.4 40.6 60.8#

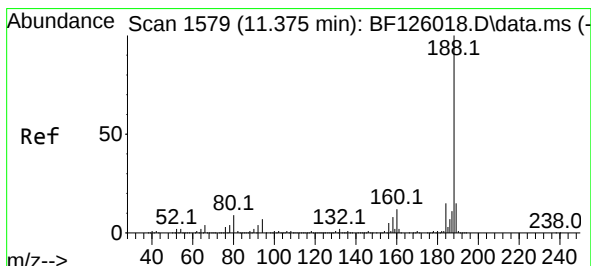
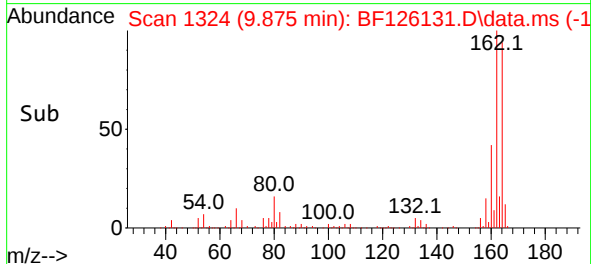
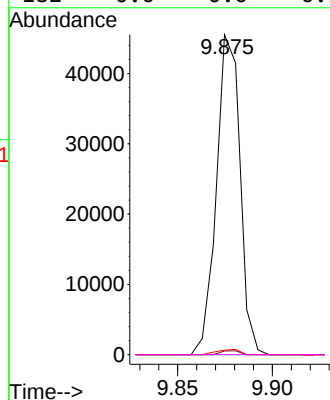
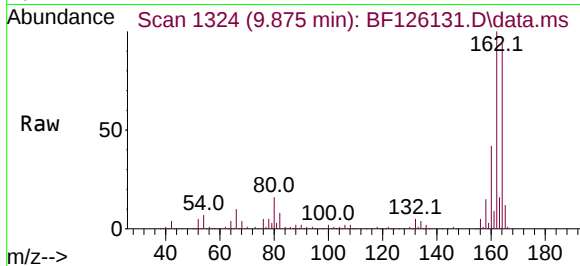




#57
2,4-Dinitrotoluene
Concen: 10.113 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

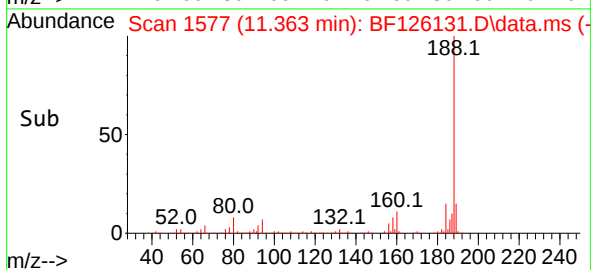
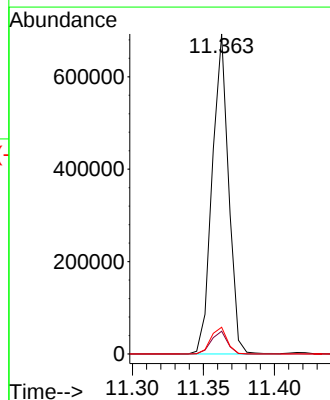
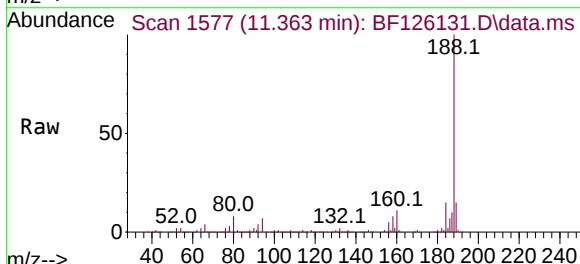
Instrument :
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TT-7/1-2

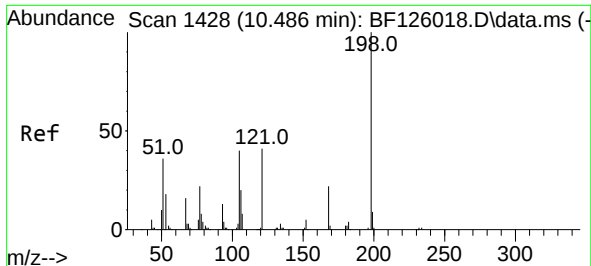
Tgt Ion:165 Resp: 39526
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion:188 Resp: 553767
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.3 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.664 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.177 min

Lab File: BF126131.D

Acq: 11 Nov 2021 18:12

Instrument :

BNA_F

ClientSampleId :

TT-7/1-2

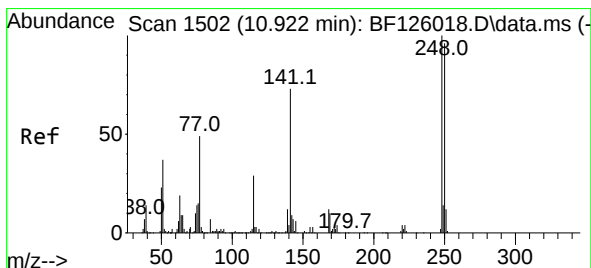
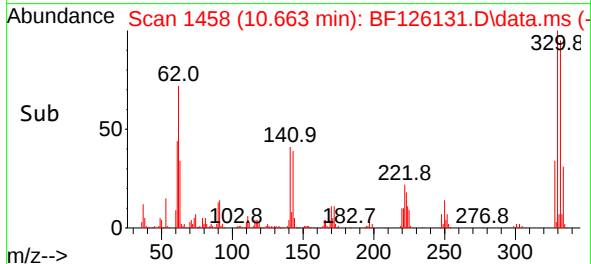
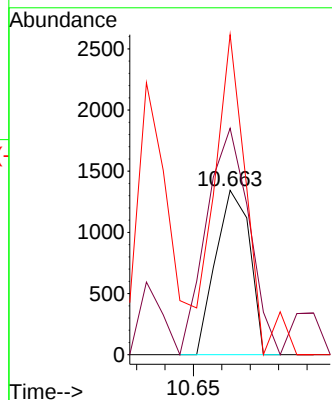
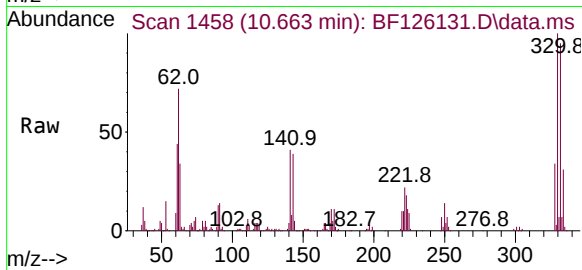
Tgt Ion:198 Resp: 1120

Ion Ratio Lower Upper

198 100

51 137.8 45.3 85.3#

105 194.8 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.865 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.253 min

Lab File: BF126131.D

Acq: 11 Nov 2021 18:12

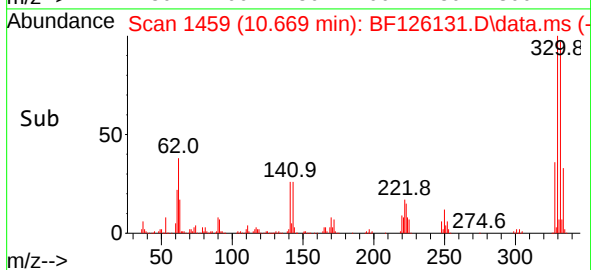
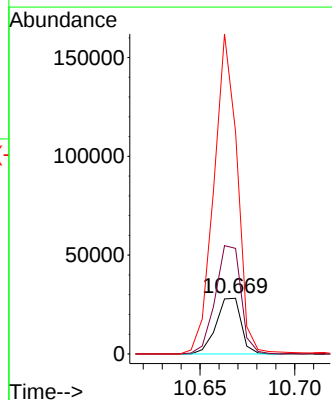
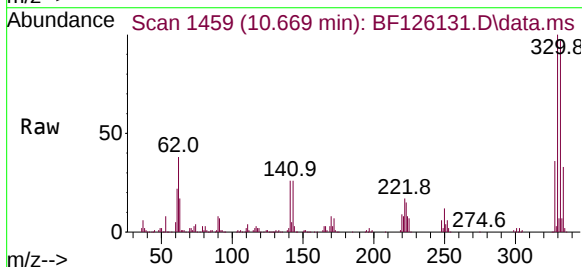
Tgt Ion:248 Resp: 25924

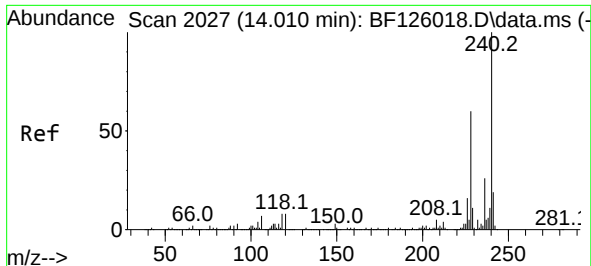
Ion Ratio Lower Upper

248 100

250 189.6 74.2 111.4#

141 398.8 60.4 90.6#

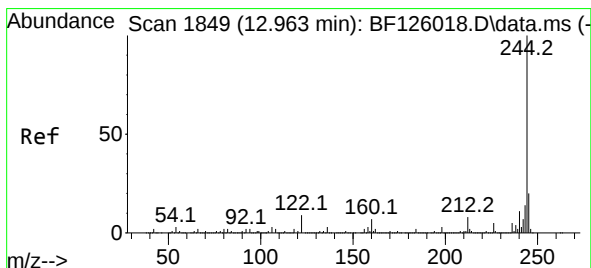
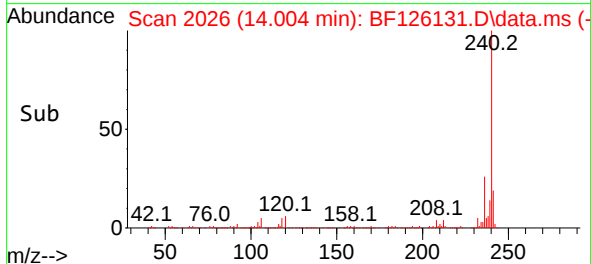
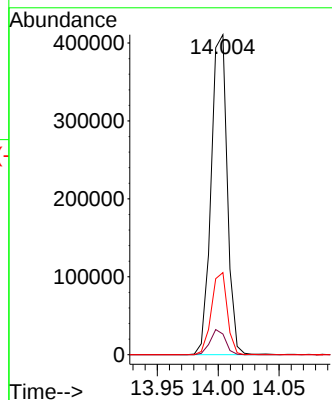
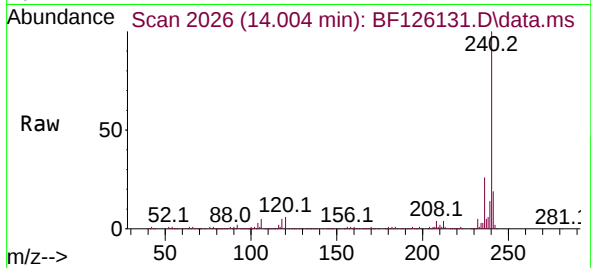




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

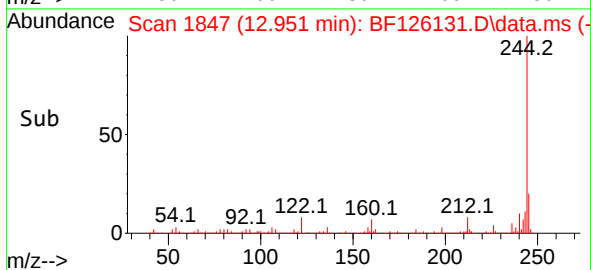
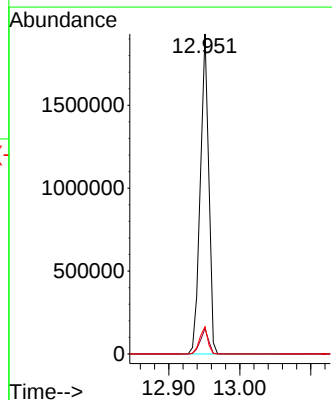
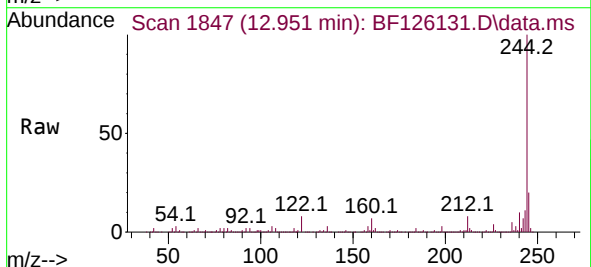
Instrument :
BNA_F
ClientSampleId :
TT-7/1-2

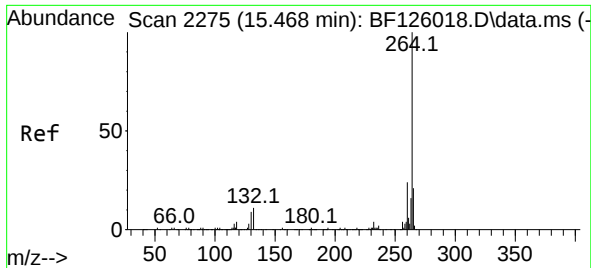
Tgt Ion:240 Resp: 378963
Ion Ratio Lower Upper
240 100
120 6.5 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 68.281 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126131.D
Acq: 11 Nov 2021 18:12

Tgt Ion:244 Resp: 1604667
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126131.D
 Acq: 11 Nov 2021 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TT-7/1-2

Tgt Ion:264 Resp: 389431
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.1 17.2 25.8

