

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126128.D
 Acq On : 11 Nov 2021 16:34
 Operator : JU/CG
 Sample : M4635-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10

Quant Time: Nov 12 09:39:27 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)

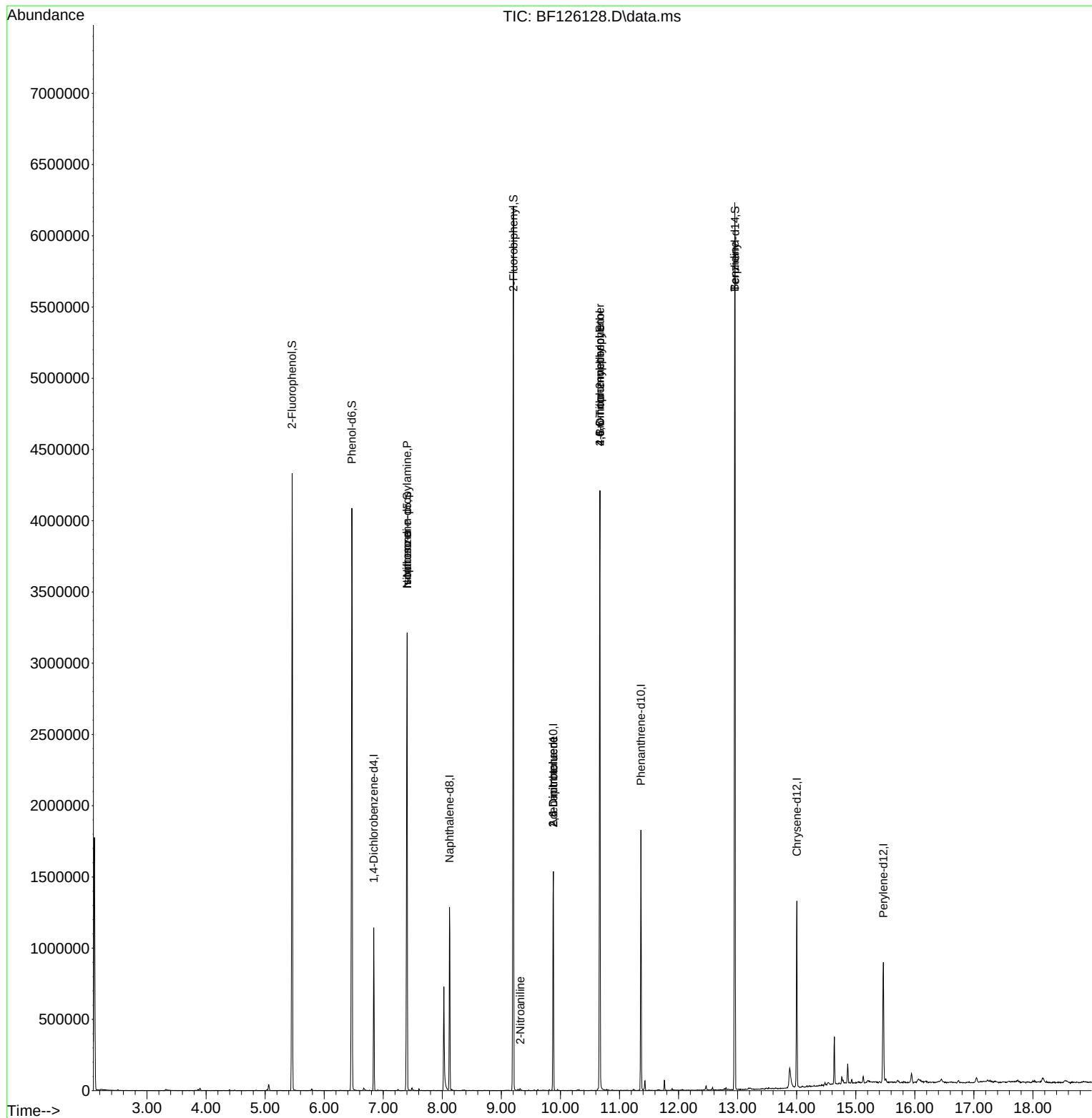
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	137641	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	511109	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	308721	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	605909	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	431208	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	384391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1003520	125.204	ng	0.00
7) Phenol-d6	6.469	99	1297889	114.871	ng	-0.02
23) Nitrobenzene-d5	7.404	82	930483	85.856	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	472622	133.586	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1816716	79.523	ng	-0.01
79) Terphenyl-d14	12.957	244	2231219	83.439	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	2993	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	133755	17.957	ng	# 60
25) Isophorone	7.404	82	928154	47.567	ng	# 59
48) 2-Nitroaniline	9.322	65	161	2.874	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	39298	10.200	ng	# 29
57) 2,4-Dinitrotoluene	9.880	165	39298	9.779	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	1064	8.618	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	29877	4.071	ng	# 1
77) Benzidine	12.951	184	33614	2.332	ng	# 92

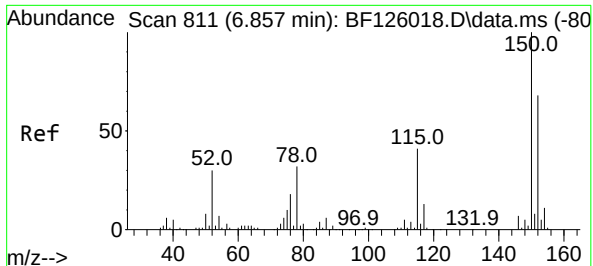
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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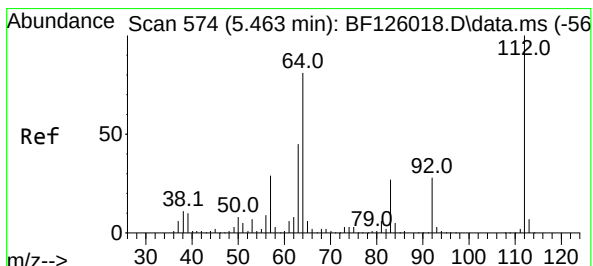
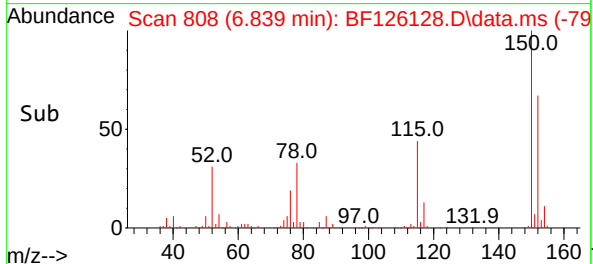
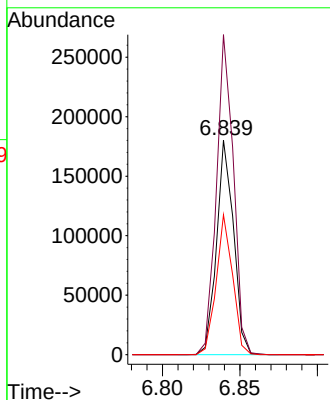
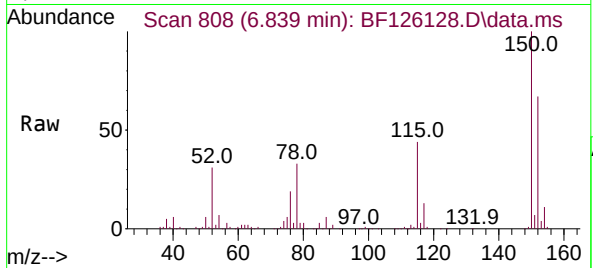




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF126128.D
 Acq: 11 Nov 2021 16:34

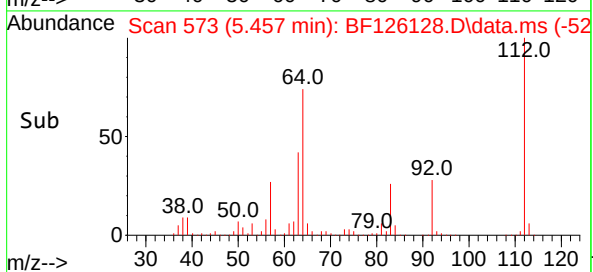
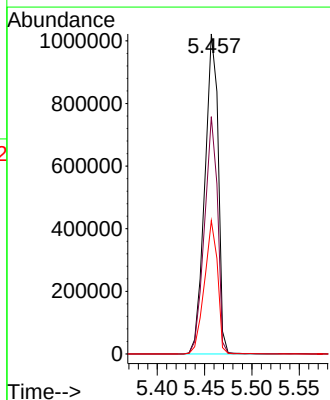
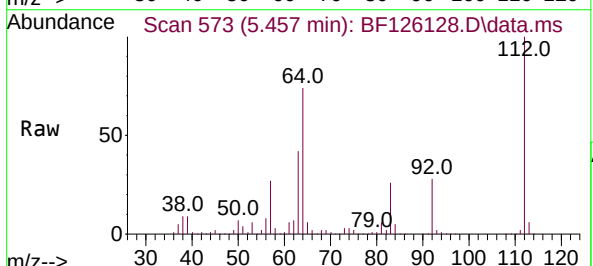
Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10

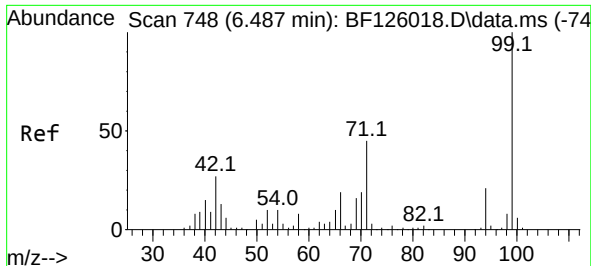
Tgt Ion:152 Resp: 137641
 Ion Ratio Lower Upper
 152 100
 150 149.1 117.6 176.4
 115 65.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 125.204 ng
 RT: 5.457 min Scan# 573
 Delta R.T. -0.006 min
 Lab File: BF126128.D
 Acq: 11 Nov 2021 16:34

Tgt Ion:112 Resp: 1003520
 Ion Ratio Lower Upper
 112 100
 64 74.2 44.2 66.2#
 63 41.7 26.2 39.2#

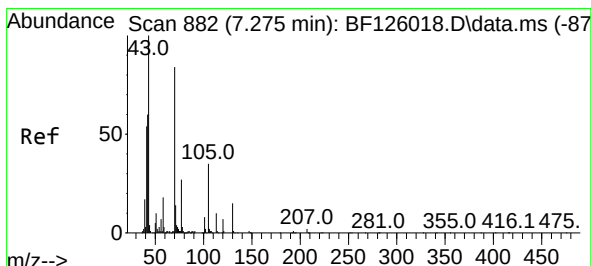
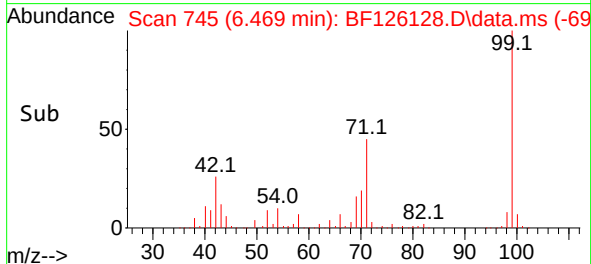
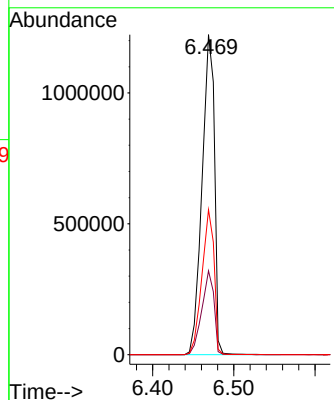
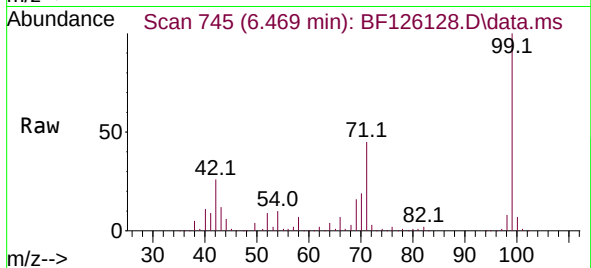




#7
Phenol-d6
Concen: 114.871 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

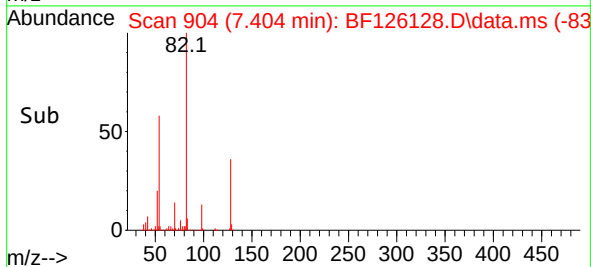
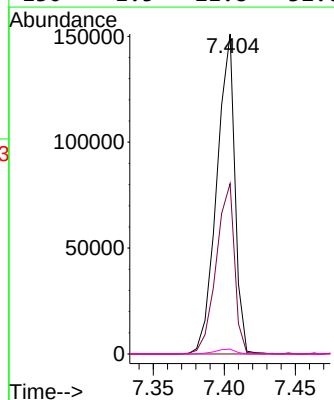
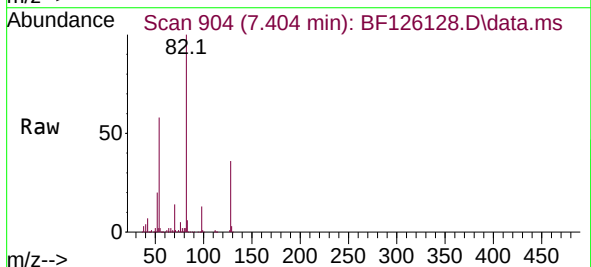
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10

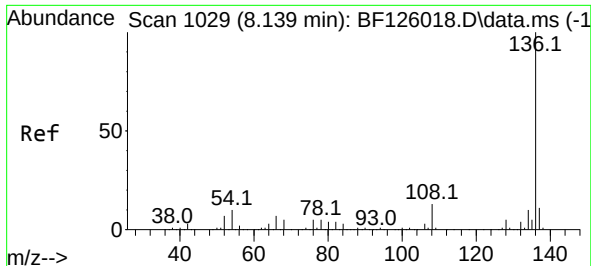
Tgt Ion: 99 Resp: 1297889
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 45.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.957 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion: 70 Resp: 133755
Ion Ratio Lower Upper
70 100
42 53.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

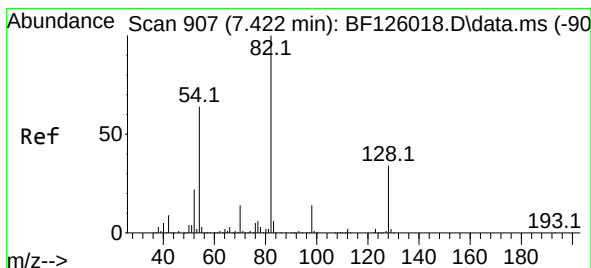
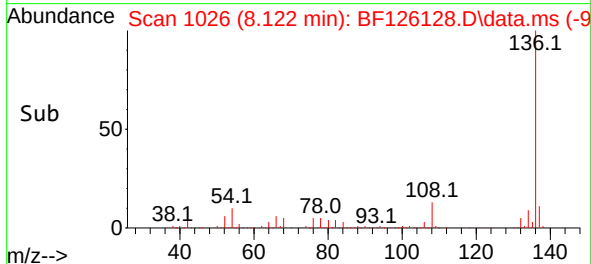
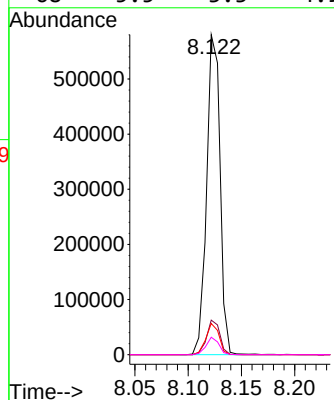
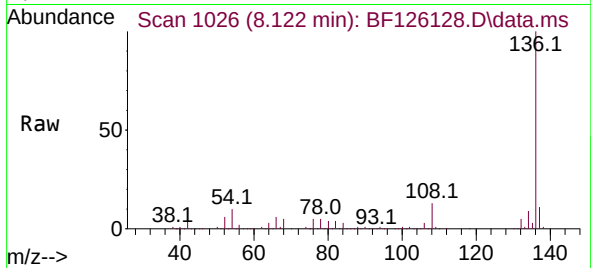




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

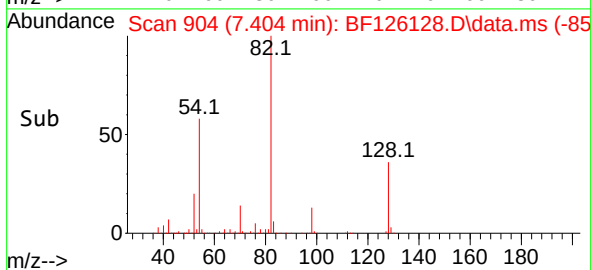
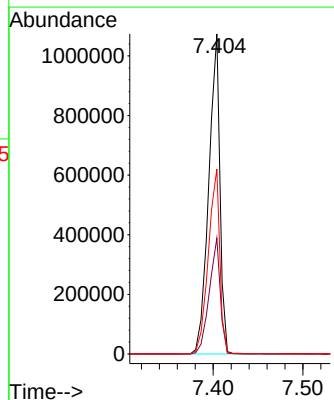
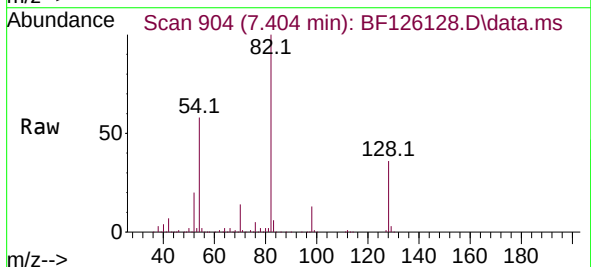
Instrument :
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ClientSampleId :
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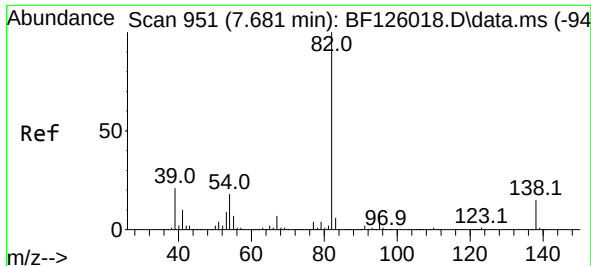
Tgt Ion:	136	Resp:	511109
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	9.8	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 85.856 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:	82	Resp:	930483
Ion Ratio	Lower	Upper	
82	100		
128	36.2	40.6	60.8#
54	57.8	49.6	74.4

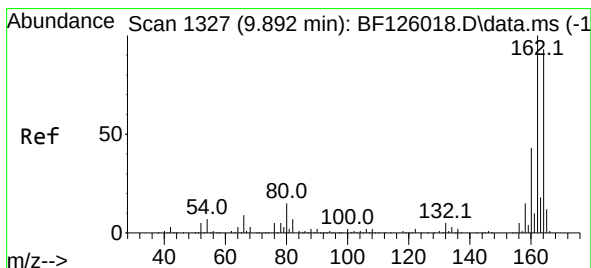
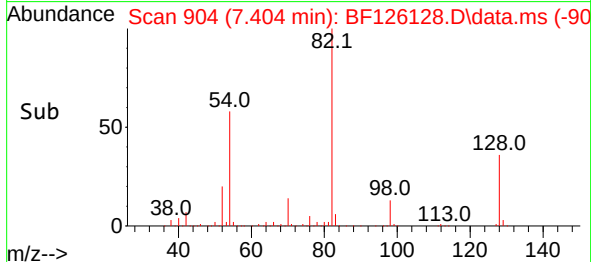
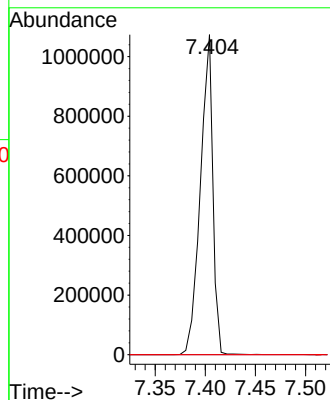
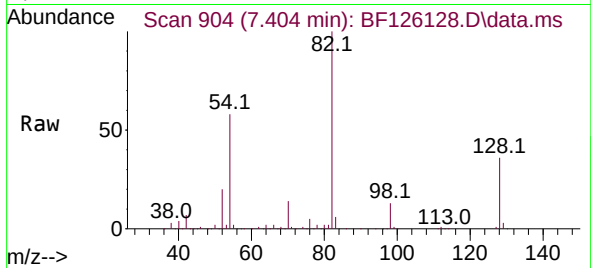




#25
Isophorone
Concen: 47.567 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

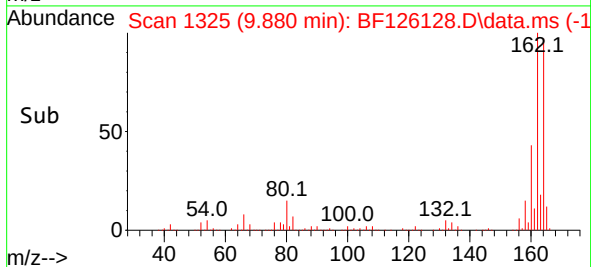
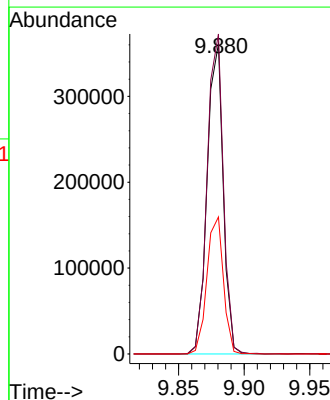
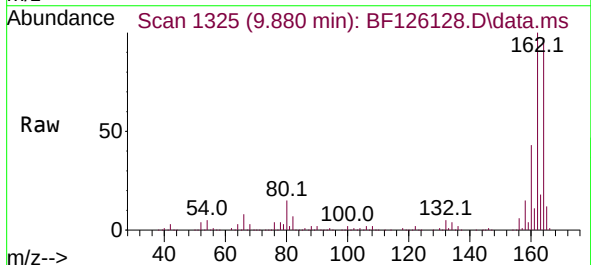
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ClientSampleId :
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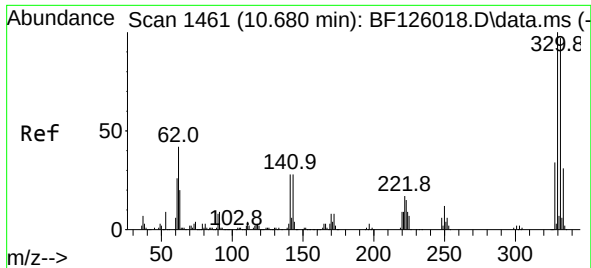
Tgt Ion: 82 Resp: 928154
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:164 Resp: 308721
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 44.2 38.0 57.0

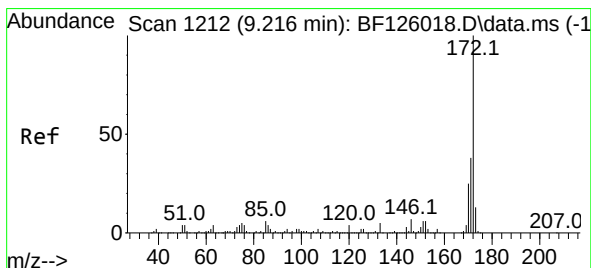
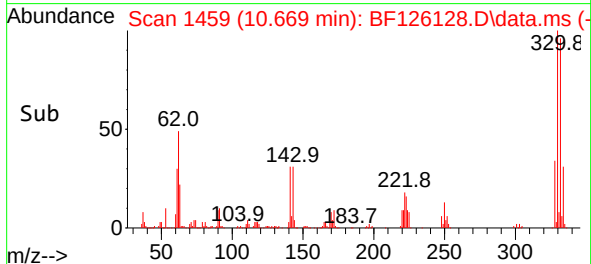
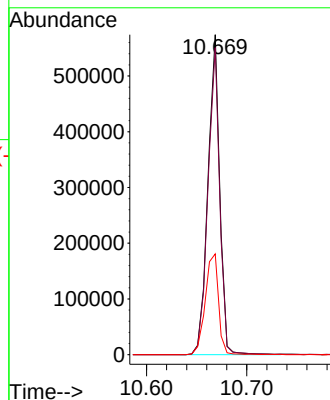
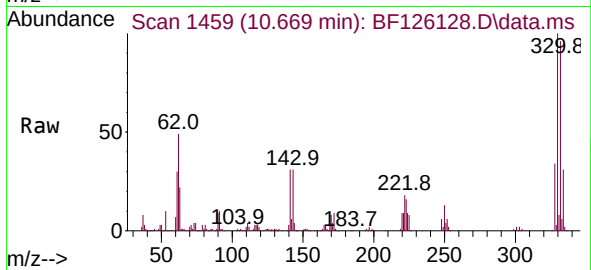




#42
2,4,6-Tribromophenol
Concen: 133.586 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

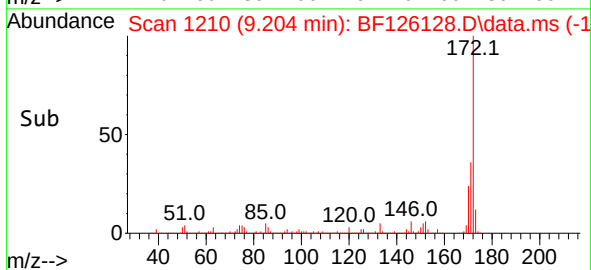
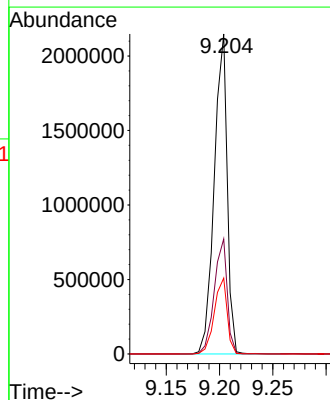
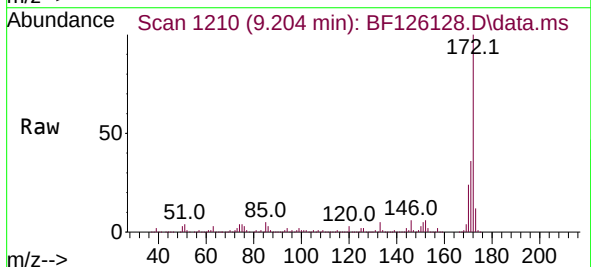
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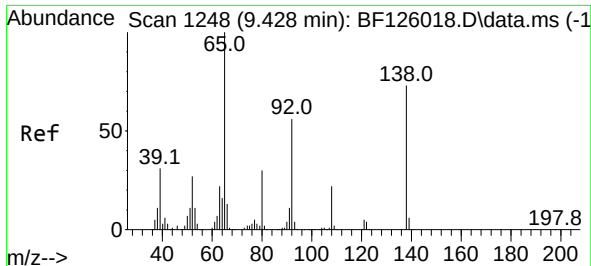
Tgt Ion:330 Resp: 472622
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.523 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:172 Resp: 1816716
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.7 18.8 28.2

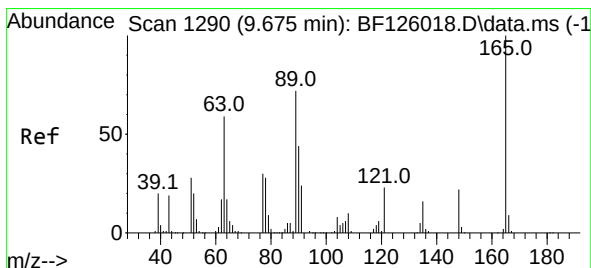
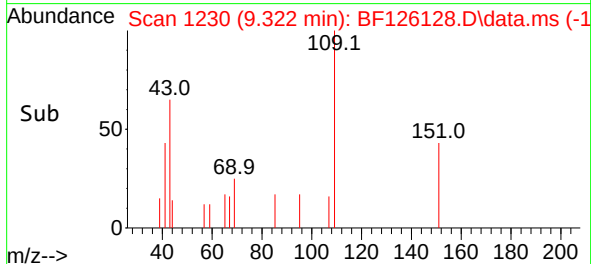
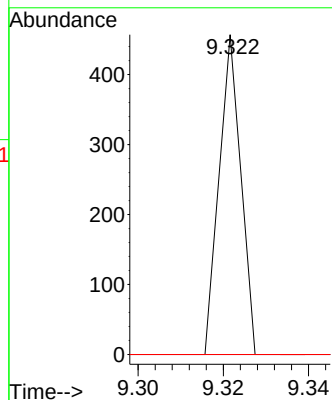
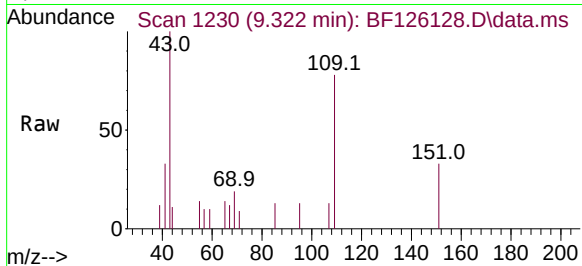




#48
2-Nitroaniline
Concen: 2.874 ng
RT: 9.322 min Scan# 1325
Delta R.T. -0.106 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

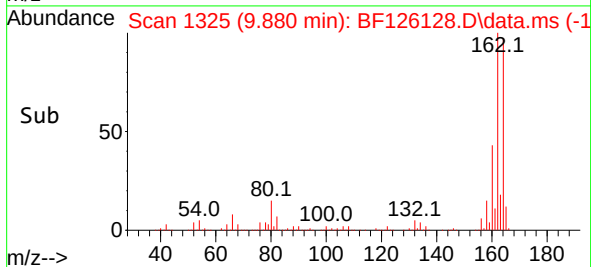
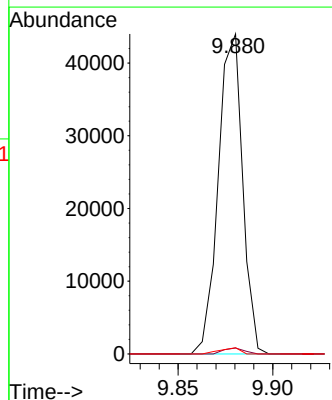
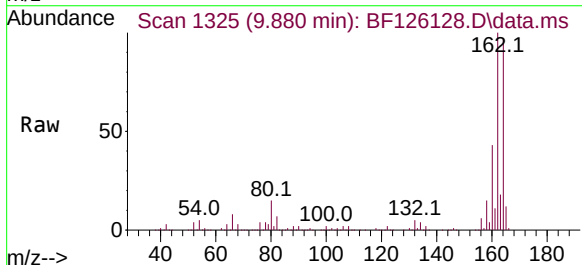
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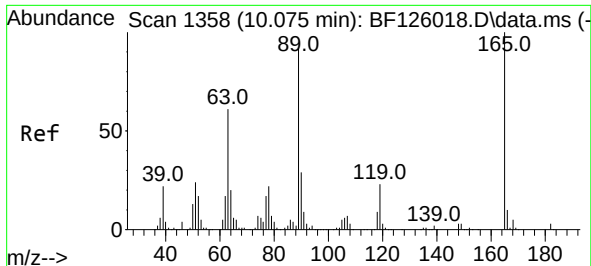
Tgt Ion: 65 Resp: 161
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.200 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

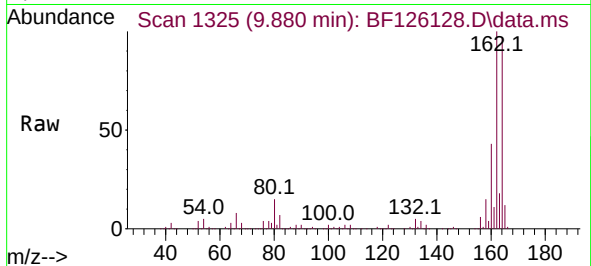
Tgt Ion: 165 Resp: 39298
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 2.0 40.6 60.8#



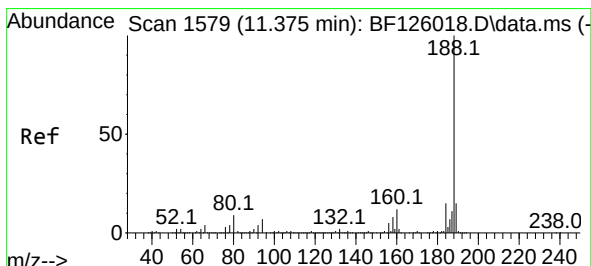
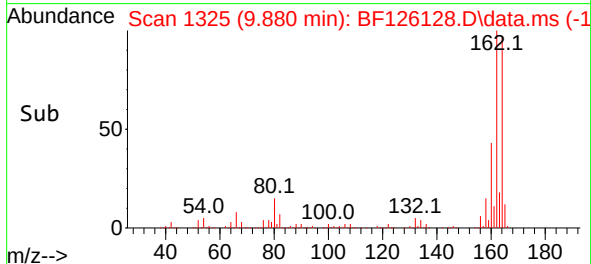
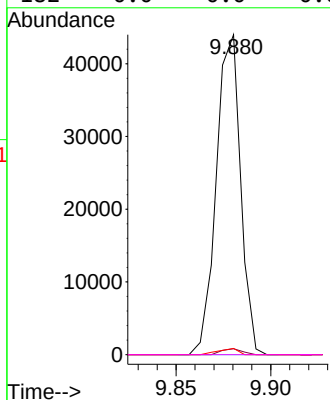


#57
2,4-Dinitrotoluene
Concen: 9.779 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10

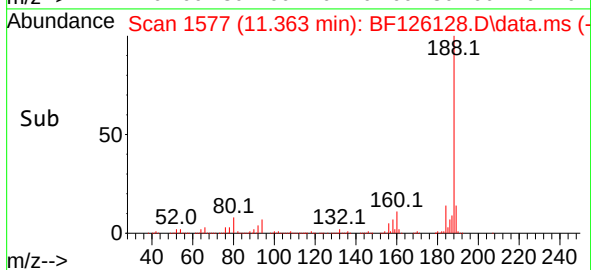
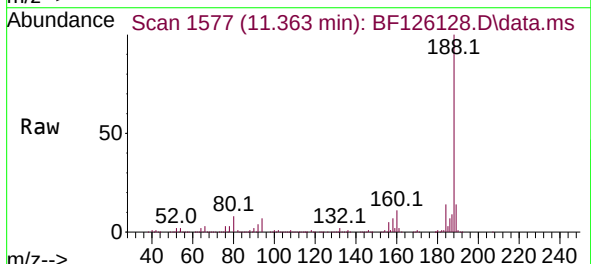
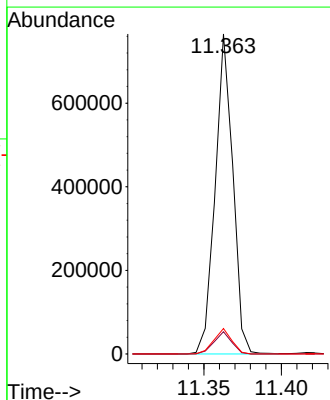


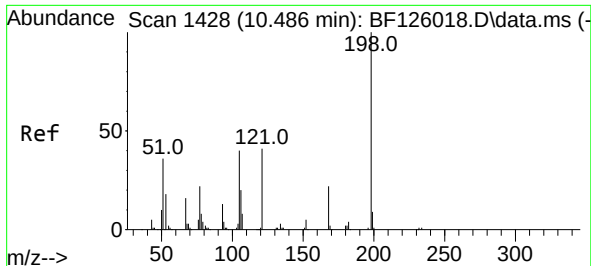
Tgt Ion:165 Resp: 39298
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 2.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:188 Resp: 605909
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.0 7.5 11.3

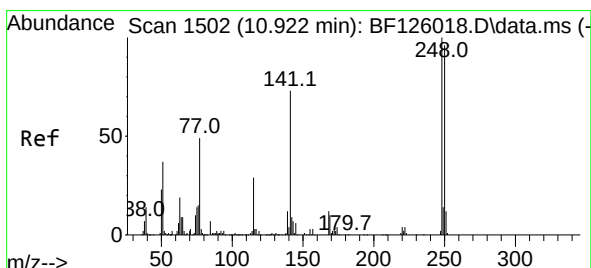
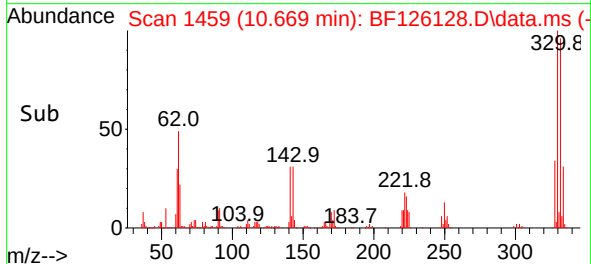
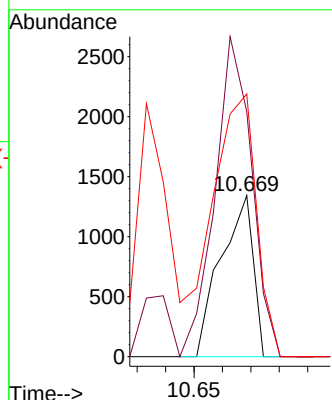
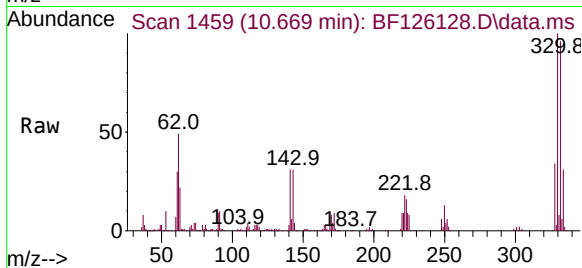




#65
4,6-Dinitro-2-methylphenol
Concen: 8.618 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.183 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

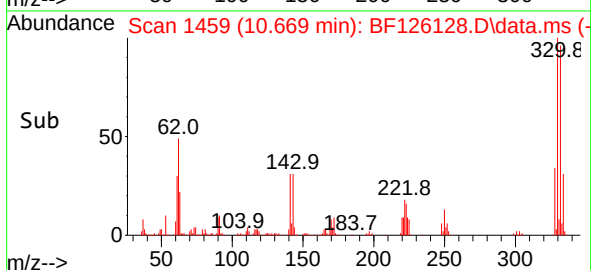
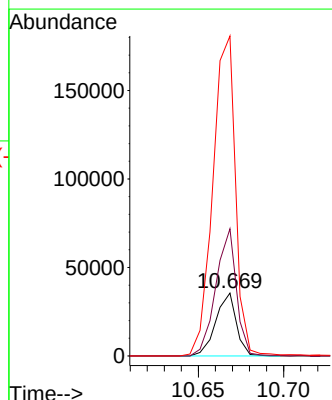
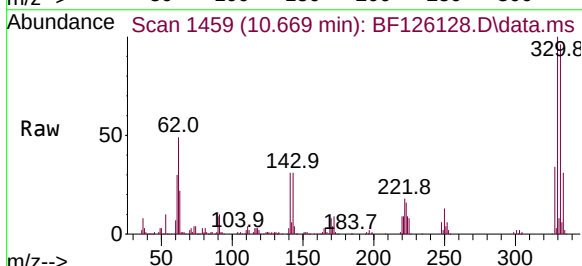
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10

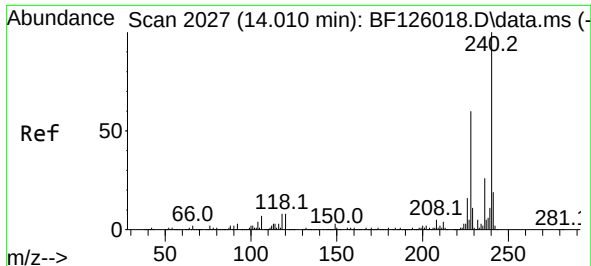
Tgt Ion:198 Resp: 1064
Ion Ratio Lower Upper
198 100
51 152.0 45.3 85.3#
105 163.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:248 Resp: 29877
Ion Ratio Lower Upper
248 100
250 202.6 74.2 111.4#
141 509.5 60.4 90.6#

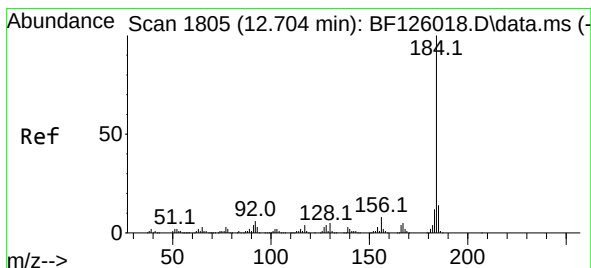
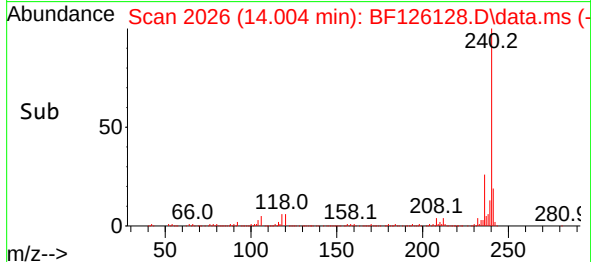
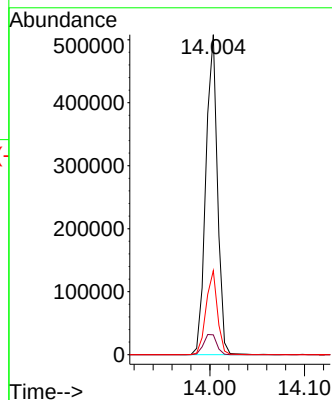
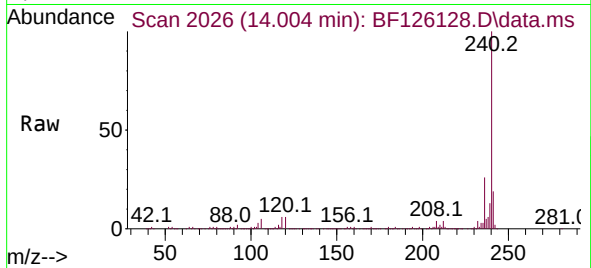




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

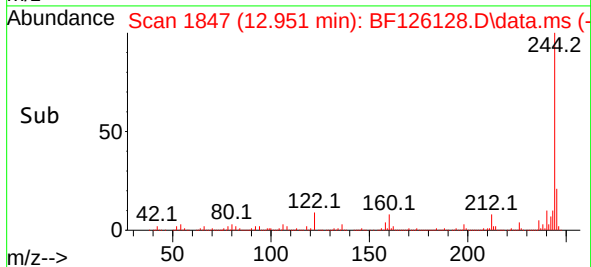
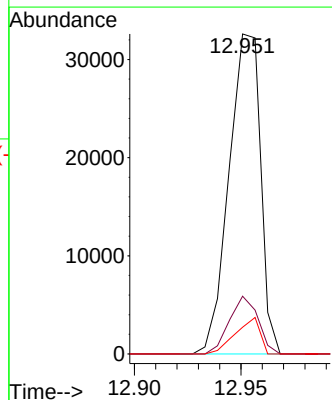
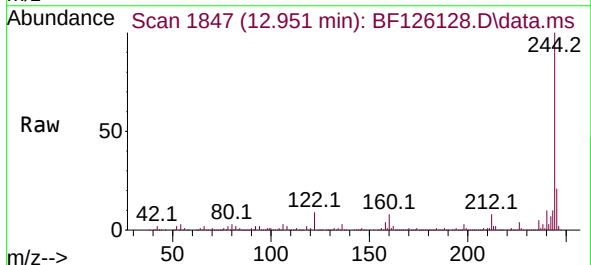
Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10

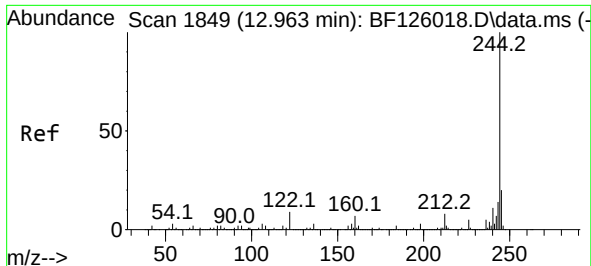
Tgt Ion:240 Resp: 431208
Ion Ratio Lower Upper
240 100
120 6.2 10.8 16.2#
236 26.3 21.6 32.4



#77
Benzidine
Concen: 2.332 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF126128.D
Acq: 11 Nov 2021 16:34

Tgt Ion:184 Resp: 33614
Ion Ratio Lower Upper
184 100
185 18.1 10.8 16.2#
183 8.4 8.1 12.1

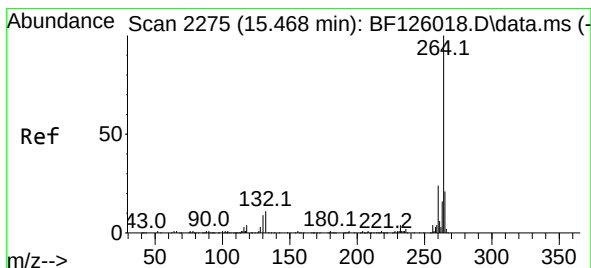
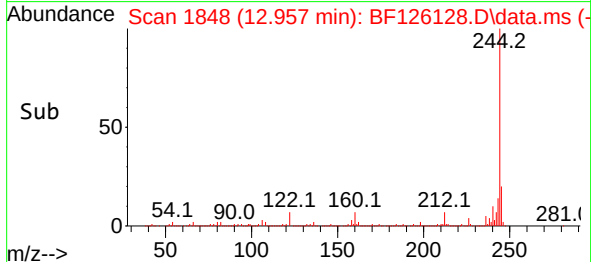
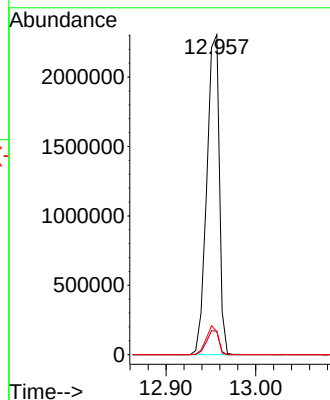
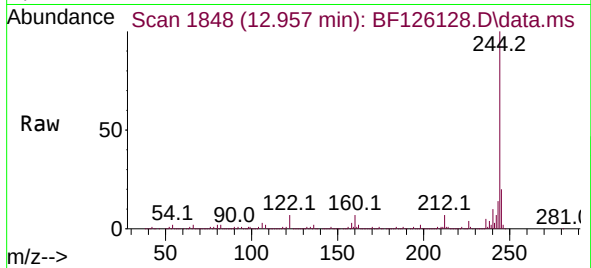




#79
 Terphenyl-d14
 Concen: 83.439 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126128.D
 Acq: 11 Nov 2021 16:34

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B20-11921-0-10

Tgt Ion:244 Resp: 2231219
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 7.1 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126128.D
 Acq: 11 Nov 2021 16:34

Tgt Ion:264 Resp: 384391
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.2 17.2 25.8

