

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125075.D
 Acq On : 17 Aug 2021 18:55
 Operator : JU/CG
 Sample : M3428-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 18 05:01:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 16:45:36 2021
 Response via : Initial Calibration

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

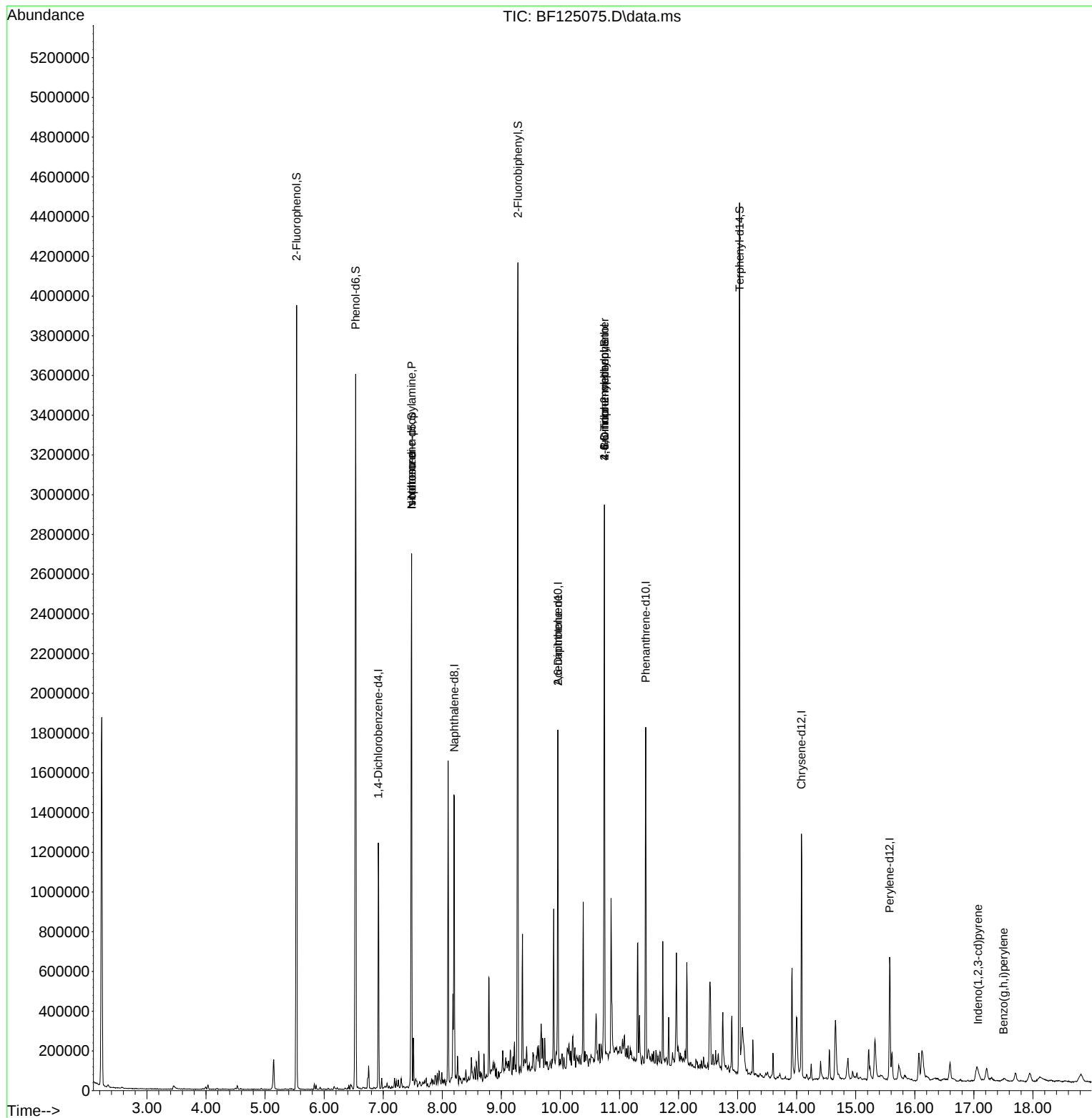
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	167183	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	640494	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	303538	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	566136	20.000	ng	0.00
76) Chrysene-d12	14.080	240	414057	20.000	ng	0.00
86) Perylene-d12	15.574	264	275770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1008587	90.127	ng	0.00
7) Phenol-d6	6.534	99	1221376	88.731	ng	0.00
23) Nitrobenzene-d5	7.481	82	809193	69.901	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	307724	108.587	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1263643	55.489	ng	0.00
79) Terphenyl-d14	13.033	244	1425582	49.576	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	113438	12.695	ng	# 62
25) Isophorone	7.481	82	802768	31.858	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	42555	10.280	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.745	198	457	5.406	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	18657	3.127	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	19873	2.080	ng	# 89
92) Benzo(g,h,i)perylene	17.504	276	18454	3.218	ng	# 76

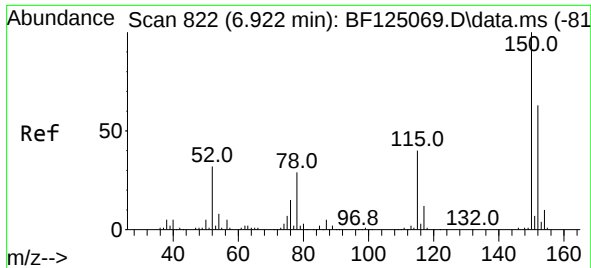
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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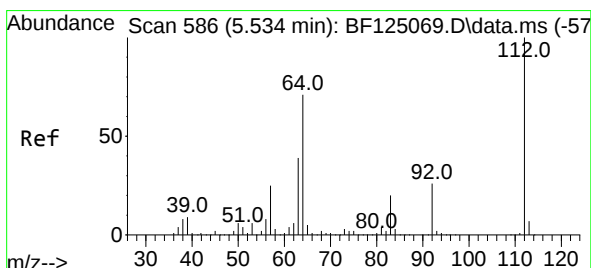
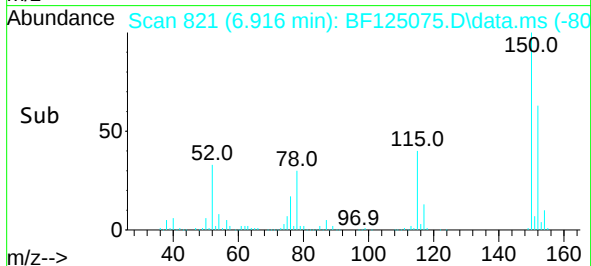
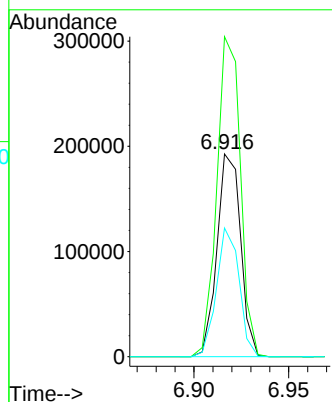
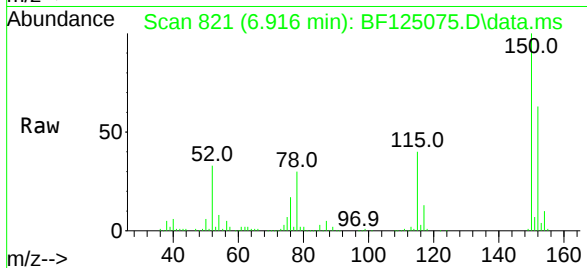




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

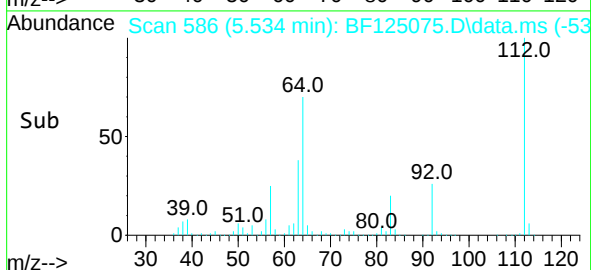
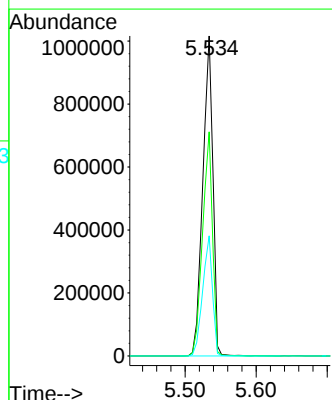
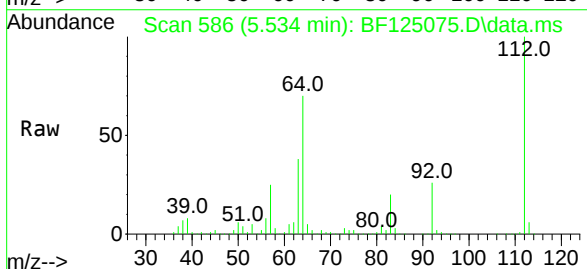
Instrument :
BNA_F
ClientSampleId :
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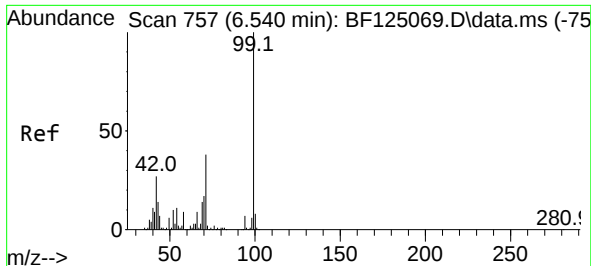
Tgt Ion:152 Resp: 167183
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 90.127 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion:112 Resp: 1008587
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 37.5 26.2 39.2

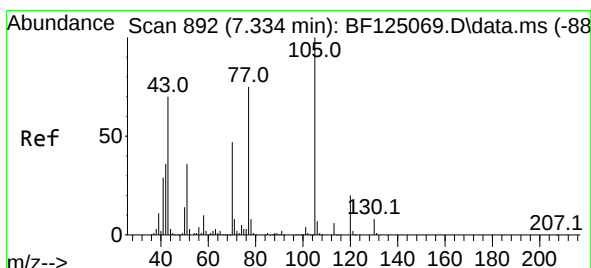
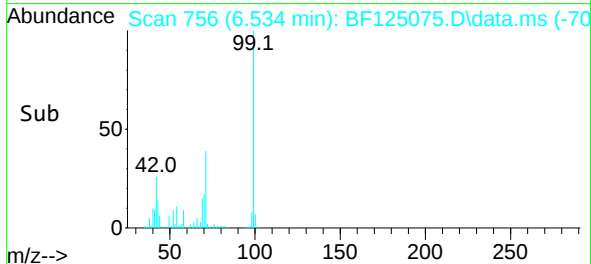
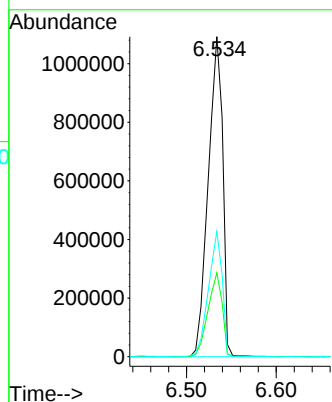
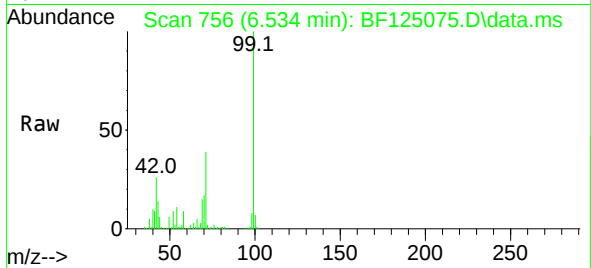




#7
Phenol-d6
Concen: 88.731 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

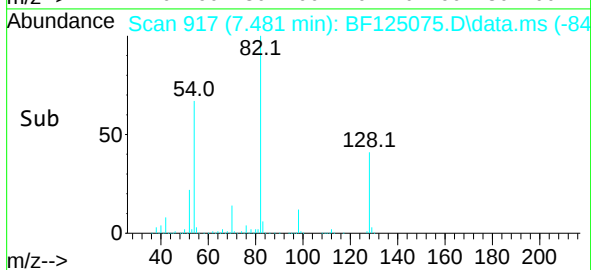
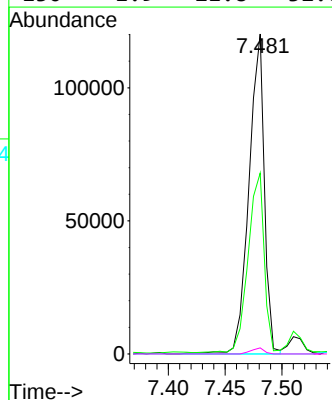
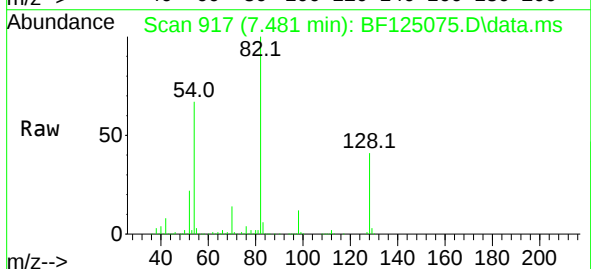
Instrument :
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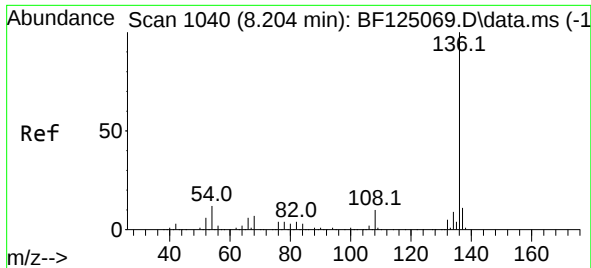
Tgt Ion: 99 Resp: 1221376
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 39.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.695 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion: 70 Resp: 113438
Ion Ratio Lower Upper
70 100
42 56.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

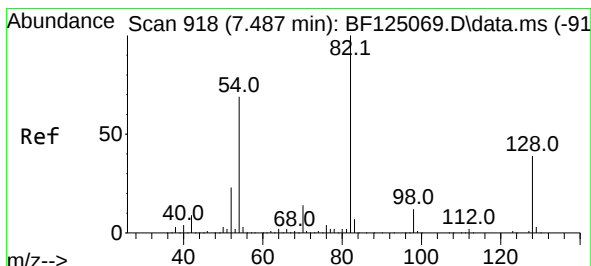
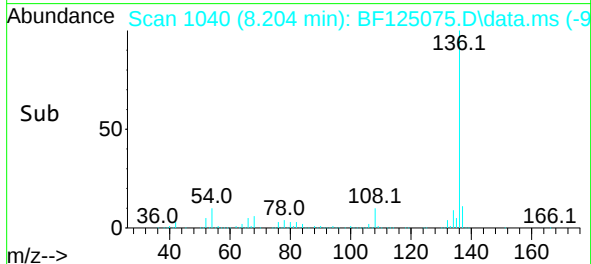
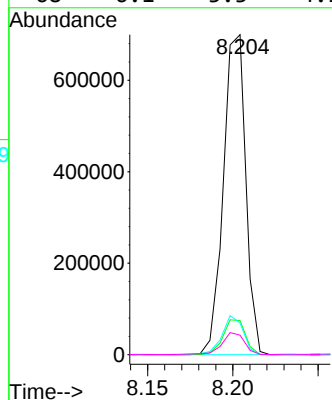
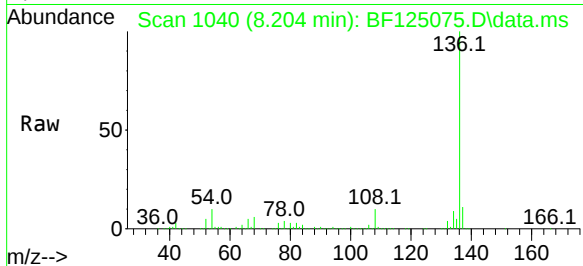




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

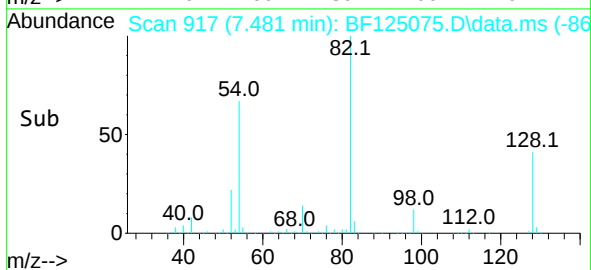
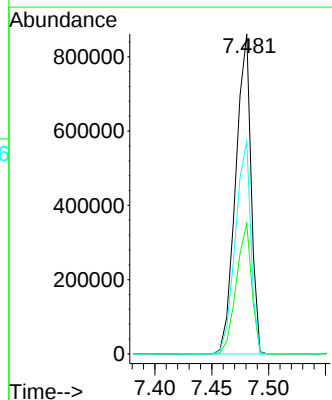
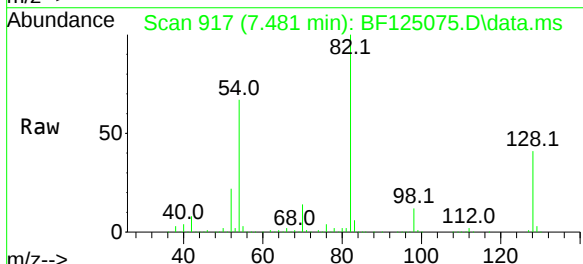
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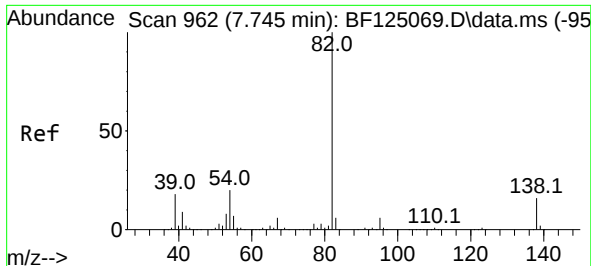
Tgt Ion:	136	Resp:	640494
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.9	6.4	9.6#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 69.901 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion:	82	Resp:	809193
Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.6	60.8
54	66.6	49.6	74.4

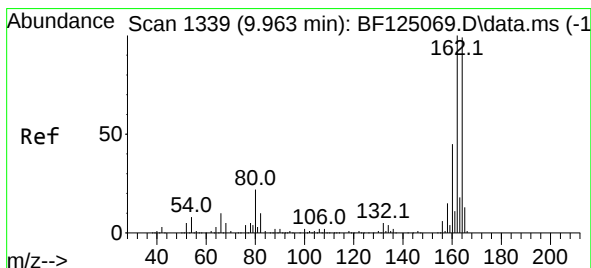
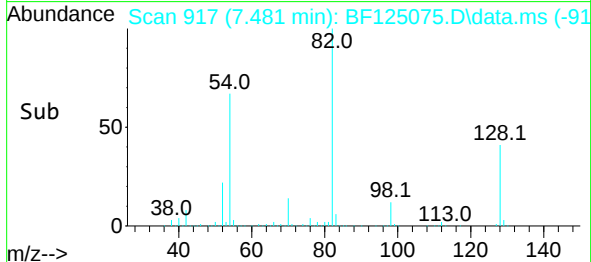
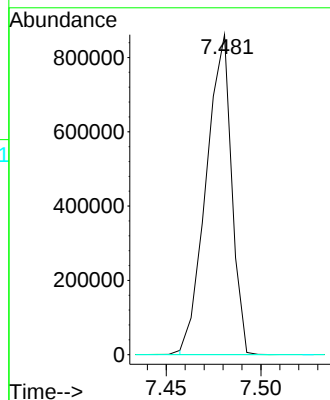
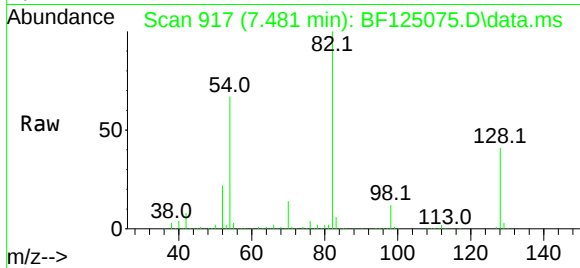




#25
Isophorone
Concen: 31.858 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

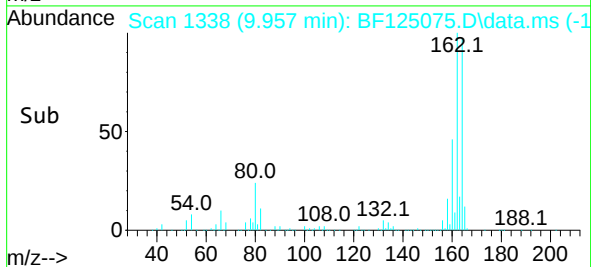
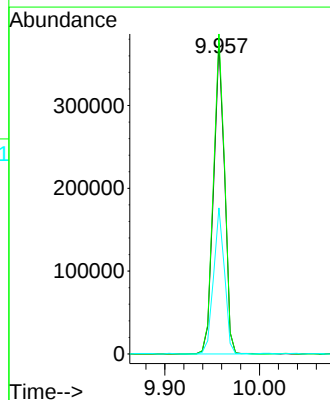
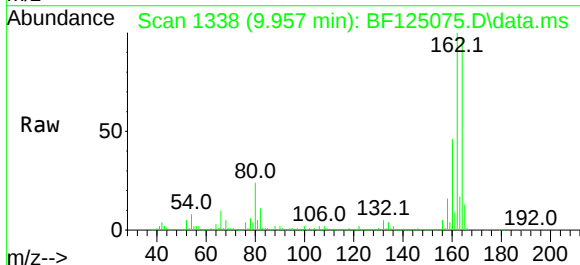
Instrument :
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ClientSampleId :
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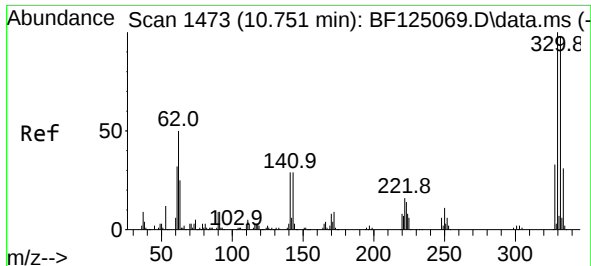
Tgt Ion: 82 Resp: 802768
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion: 164 Resp: 303538
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 47.0 38.0 57.0

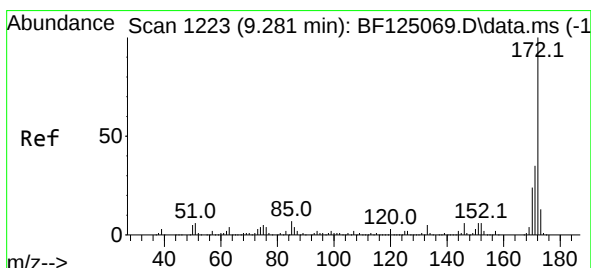
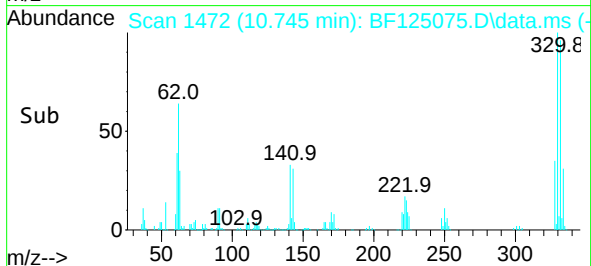
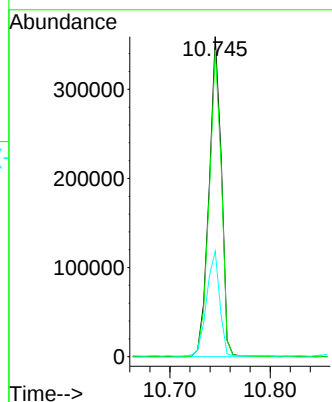
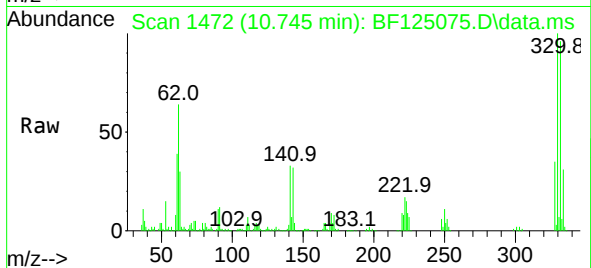




#42
2,4,6-Tribromophenol
Concen: 108.587 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

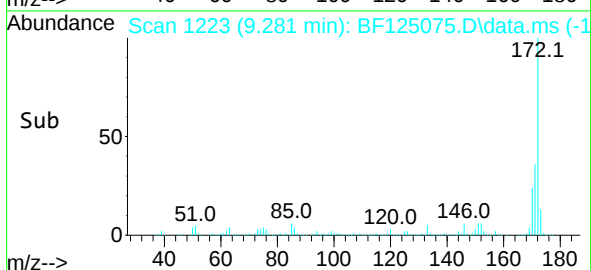
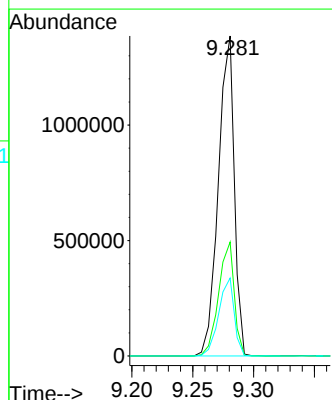
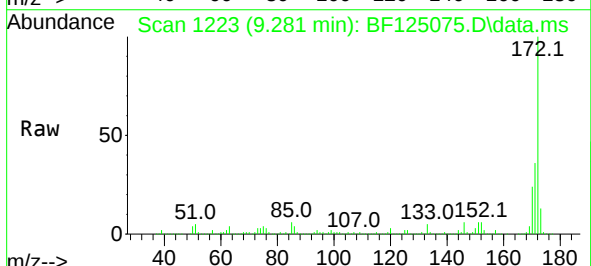
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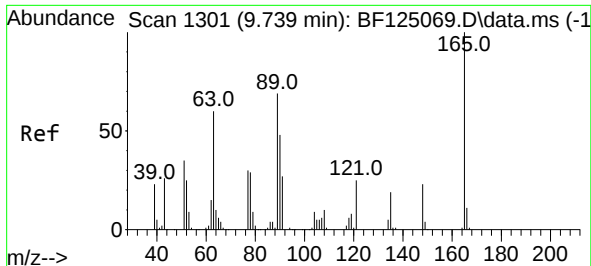
Tgt Ion: 330 Resp: 307724
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 34.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.489 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion: 172 Resp: 1263643
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.4 18.8 28.2

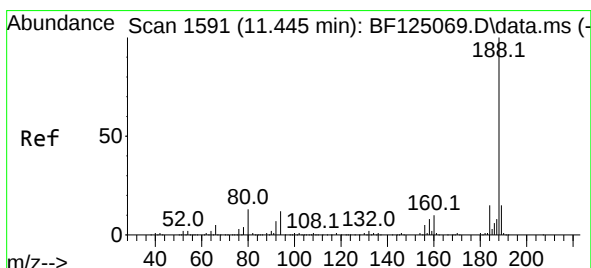
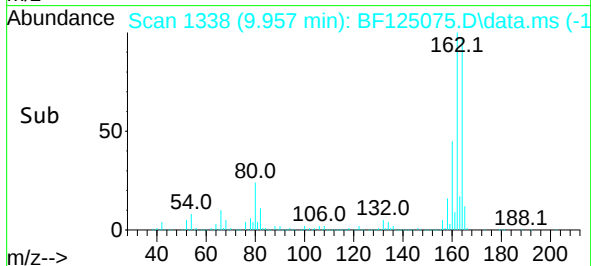
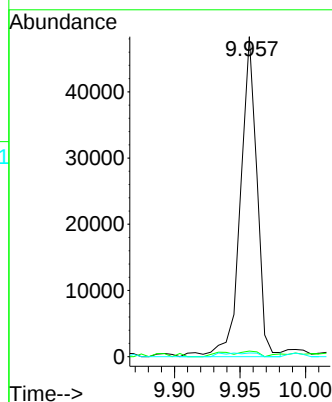
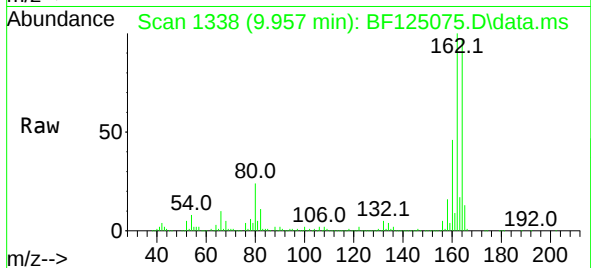




#51
2,6-Dinitrotoluene
Concen: 10.280 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

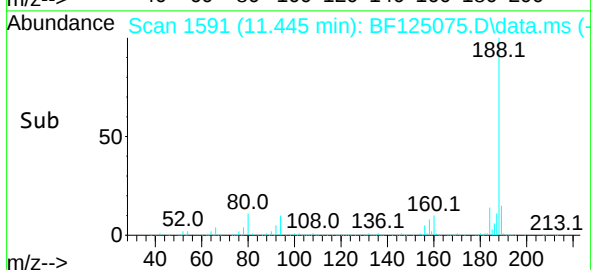
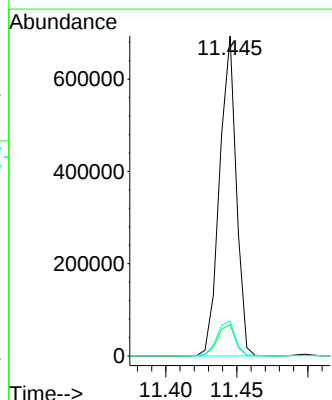
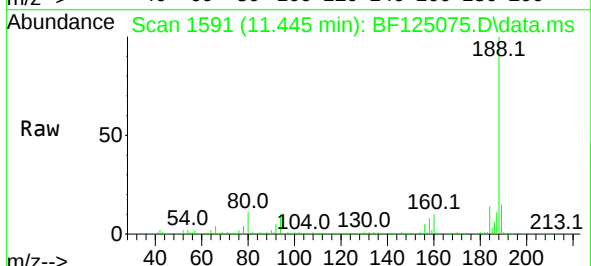
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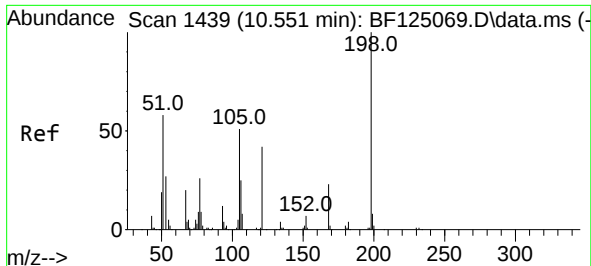
Tgt Ion:165 Resp: 42555
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.1 40.6 60.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion:188 Resp: 566136
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.9 7.5 11.3

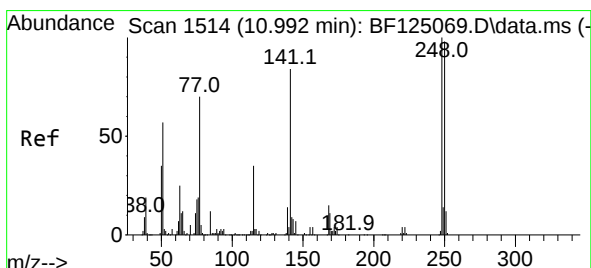
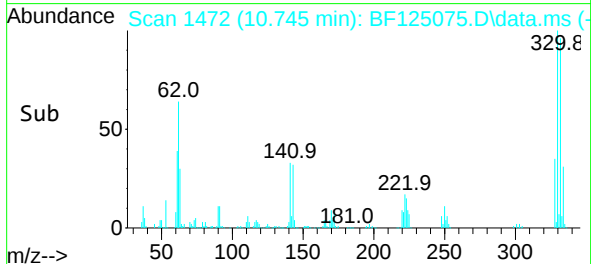
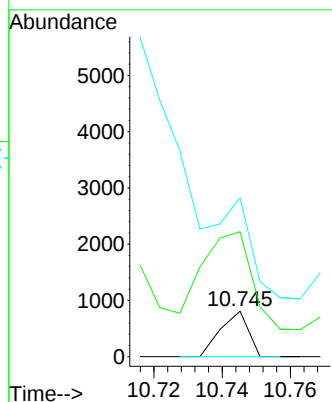
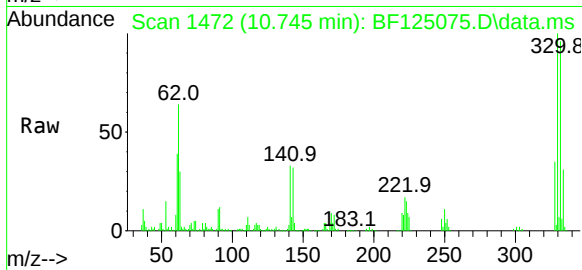




#65
4,6-Dinitro-2-methylphenol
Concen: 5.406 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

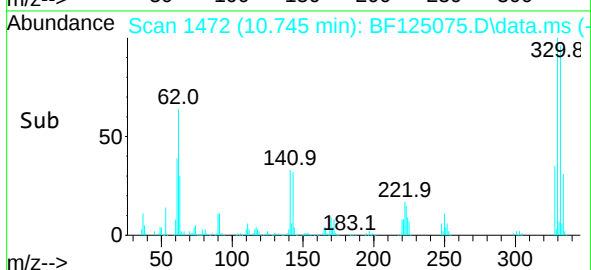
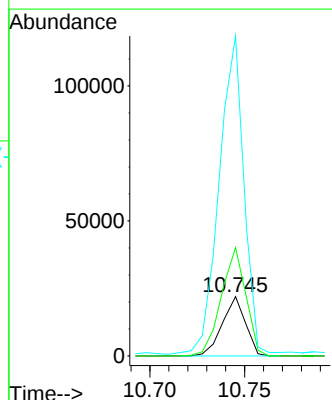
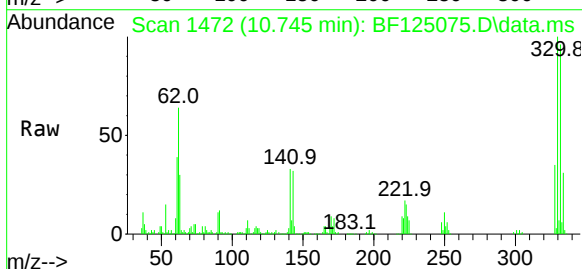
Instrument :
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ClientSampleId :
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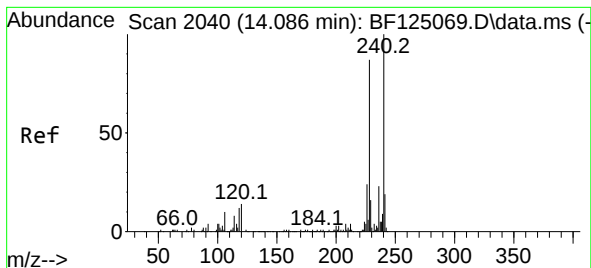
Tgt Ion	Ratio	Lower	Upper
198	100		
51	274.5	45.3	85.3#
105	349.1	30.6	70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.127 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.5	74.2	111.4#
141	539.2	60.4	90.6#

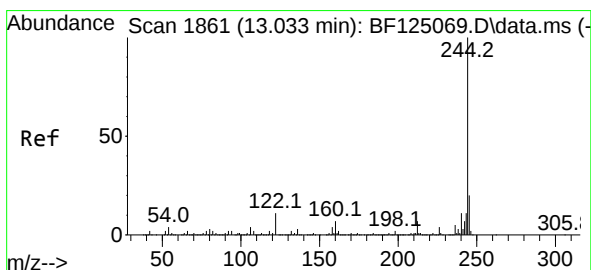
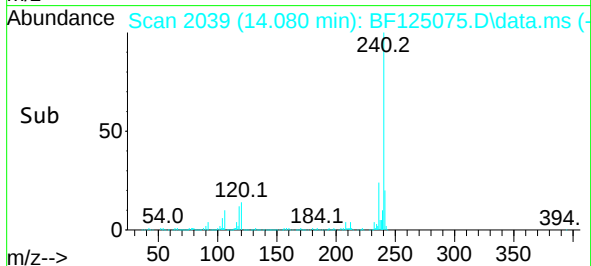
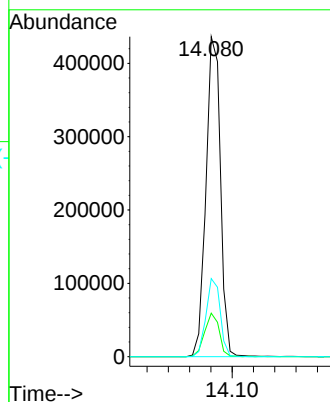
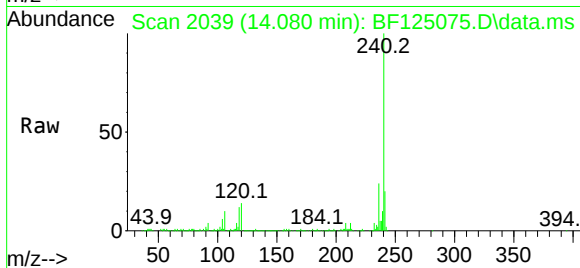




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

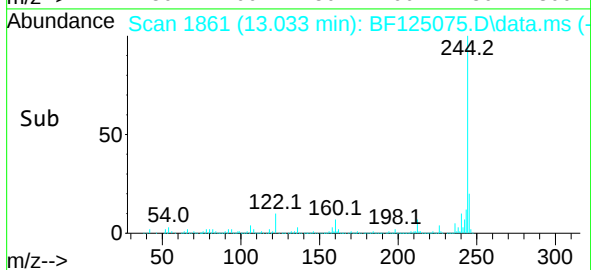
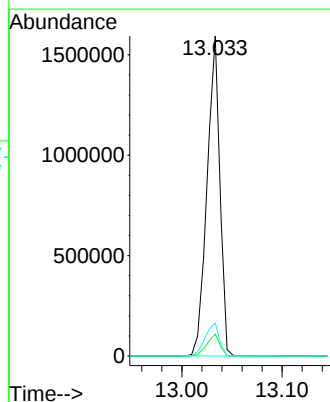
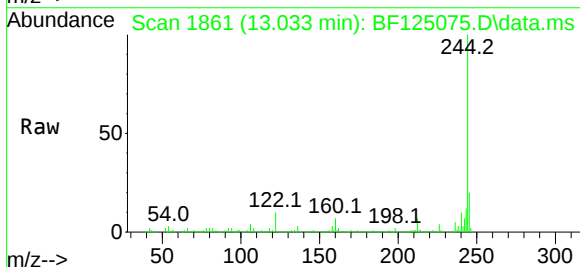
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

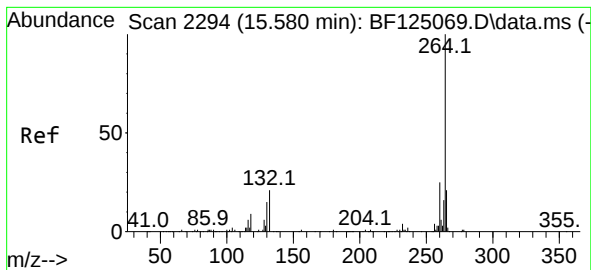
Tgt Ion:240	Resp: 414057
Ion Ratio	Lower Upper
240	100
120	13.6 10.8 16.2
236	24.4 21.6 32.4



#79
Terphenyl-d14
Concen: 49.576 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion:244	Resp: 1425582
Ion Ratio	Lower Upper
244	100
212	6.8 5.9 8.9
122	10.3 9.0 13.4

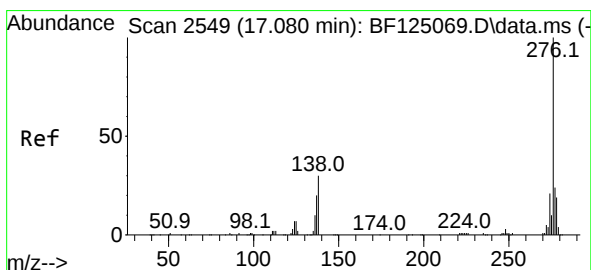
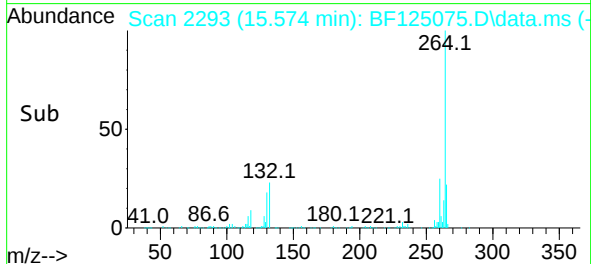
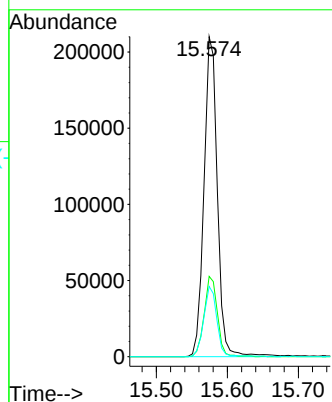
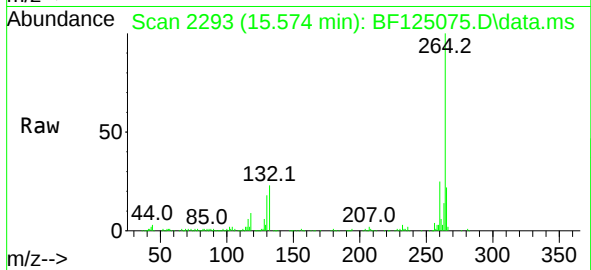




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

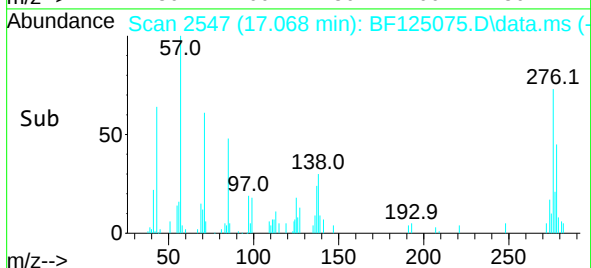
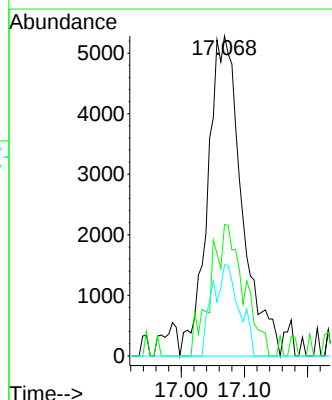
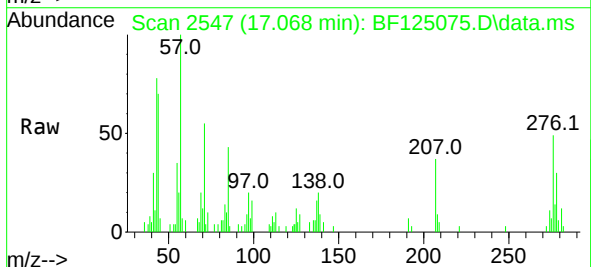
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

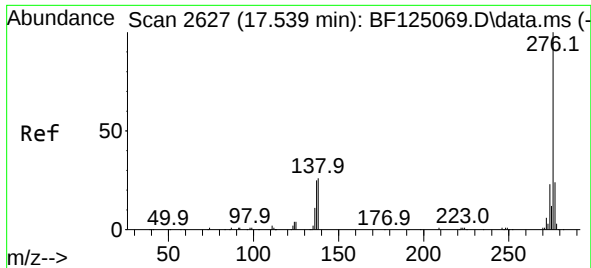
Tgt Ion:264 Resp: 275770
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 21.9 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.080 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.012 min
Lab File: BF125075.D
Acq: 17 Aug 2021 18:55

Tgt Ion:276 Resp: 19873
Ion Ratio Lower Upper
276 100
138 39.9 24.1 36.1#
277 22.3 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.218 ng
 RT: 17.504 min Scan# 2621
 Delta R.T. -0.035 min
 Lab File: BF125075.D
 Acq: 17 Aug 2021 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:	276	Resp:	18454
Ion	Ratio	Lower	Upper
276	100		
277	28.5	22.0	33.0
138	52.2	22.2	33.4#

