

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125457.D
 Acq On : 13 Sep 2021 22:26
 Operator : JU/CG
 Sample : M3684-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A017145

Quant Time: Sep 14 03:31:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

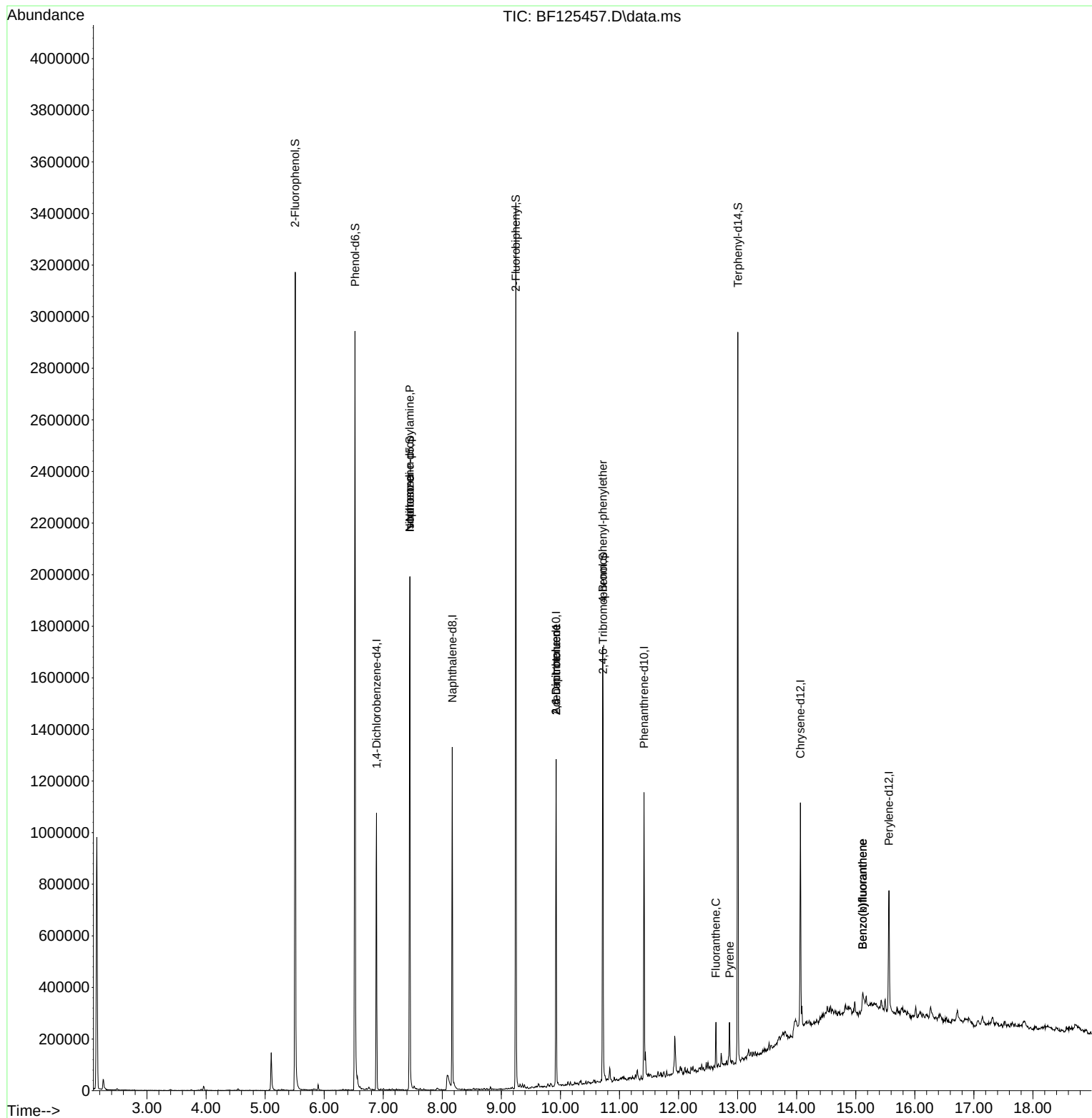
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	147629	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	523789	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	240197	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	386362	20.000	ng	0.00
76) Chrysene-d12	14.062	240	281664	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	204803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	791431	81.143	ng	0.00
7) Phenol-d6	6.522	99	968492	76.777	ng	-0.01
23) Nitrobenzene-d5	7.451	82	620492	59.639	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	219437	91.520	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	975689	56.614	ng	0.00
79) Terphenyl-d14	13.004	244	942995	53.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	85145	11.222	ng	# 55
25) Isophorone	7.451	82	620487	30.915	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	30891	8.559	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	30891	7.072	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	13330	2.873	ng	# 1
75) Fluoranthene	12.633	202	67636	3.202	ng	99
78) Pyrene	12.863	202	59494	2.462	ng	98
88) Benzo(b)fluoranthene	15.115	252	41687	2.786	ng	# 92
89) Benzo(k)fluoranthene	15.115	252	41687	2.986	ng	# 91

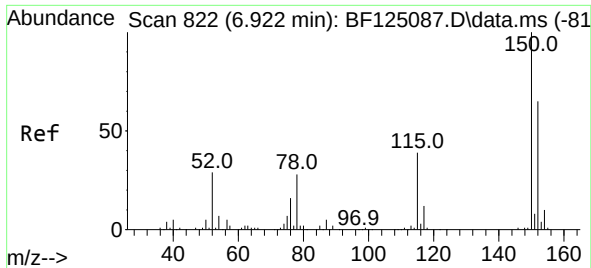
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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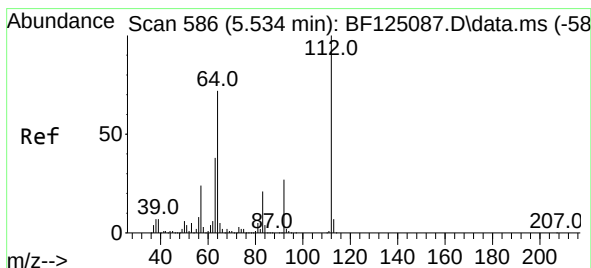
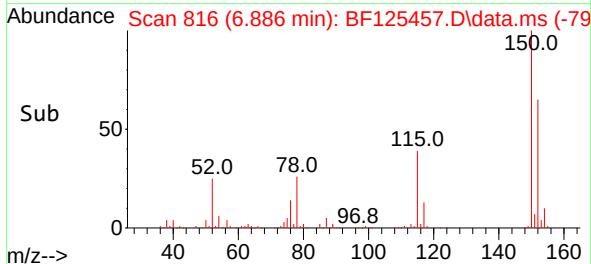
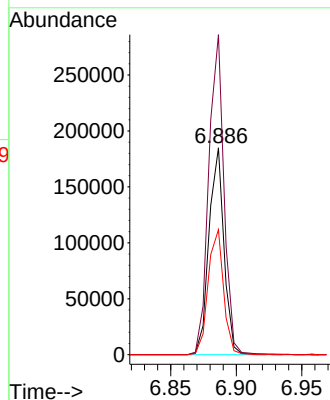
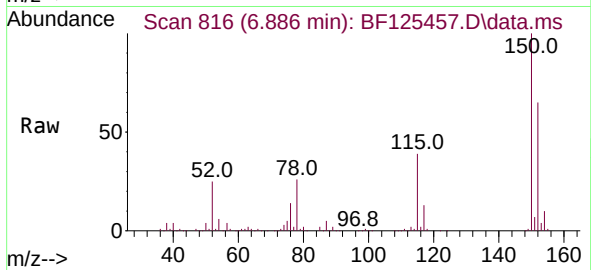




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125457.D
 Acq: 13 Sep 2021 22:26

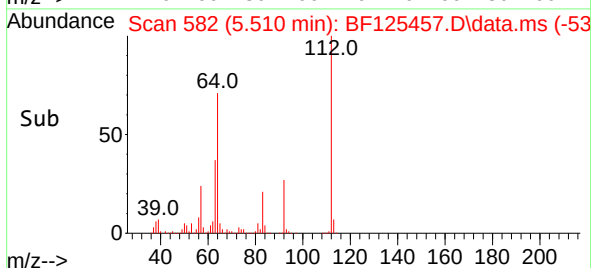
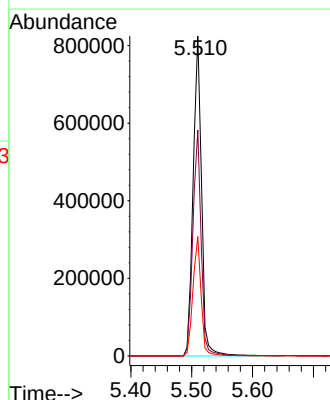
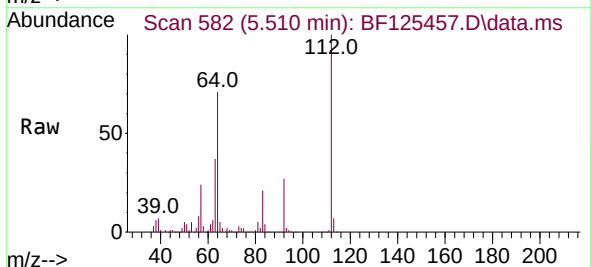
Instrument :
 BNA_F
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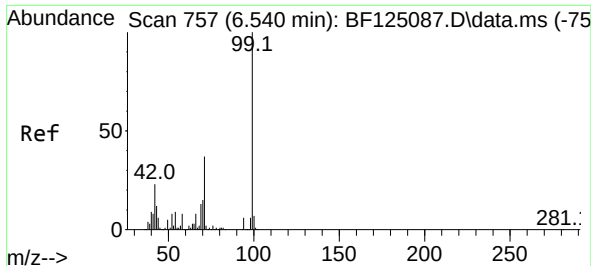
Tgt Ion:152 Resp: 147629
 Ion Ratio Lower Upper
 152 100
 150 154.7 117.6 176.4
 115 60.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 81.143 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF125457.D
 Acq: 13 Sep 2021 22:26

Tgt Ion:112 Resp: 791431
 Ion Ratio Lower Upper
 112 100
 64 70.6 44.2 66.2#
 63 37.3 26.2 39.2

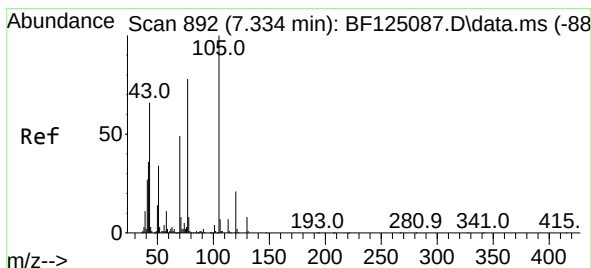
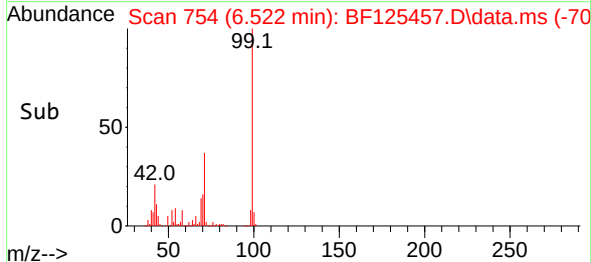
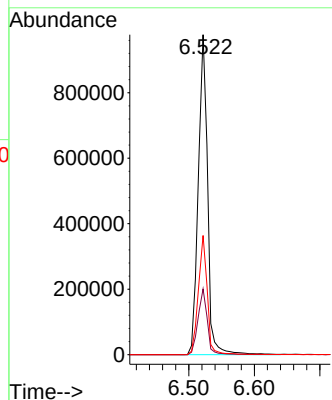
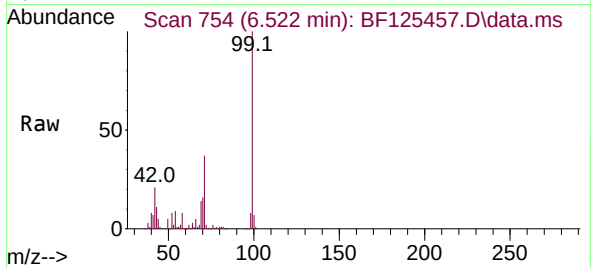




#7
Phenol-d6
Concen: 76.777 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

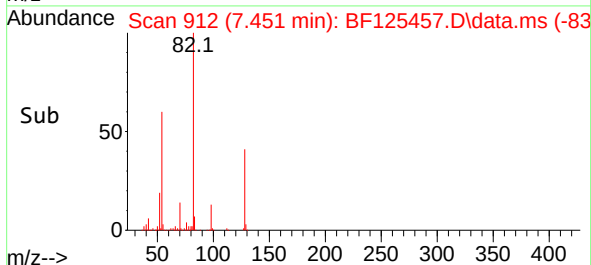
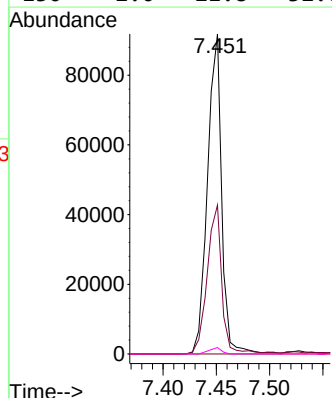
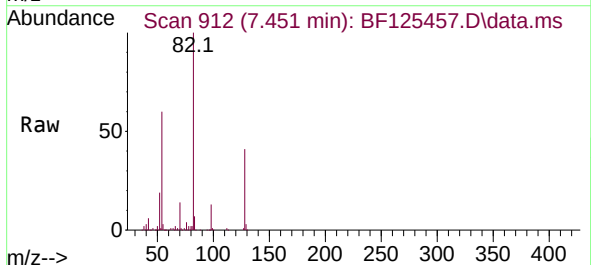
Instrument :
BNA_F
ClientSampleId :
A017145

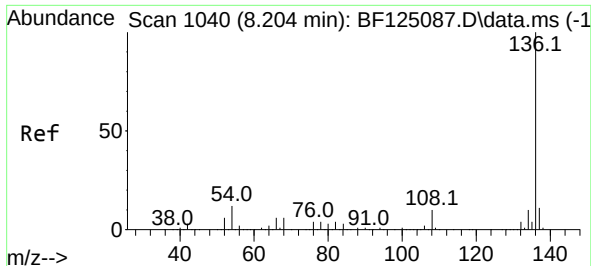
Tgt Ion: 99 Resp: 968492
Ion Ratio Lower Upper
99 100
42 20.5 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.222 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion: 70 Resp: 85145
Ion Ratio Lower Upper
70 100
42 46.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

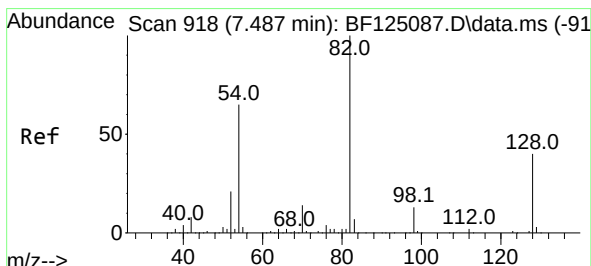
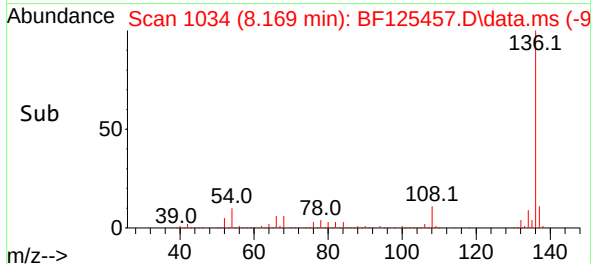
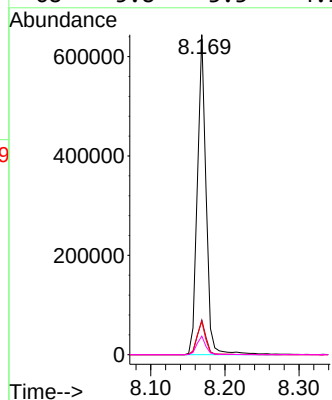
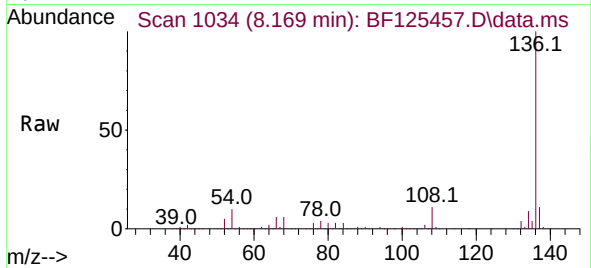




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

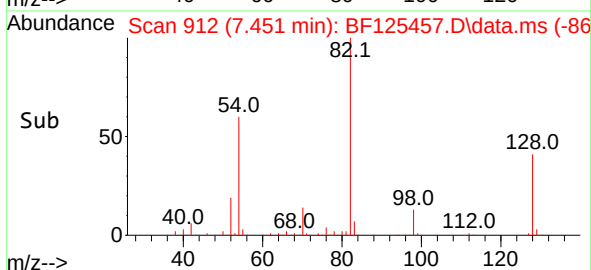
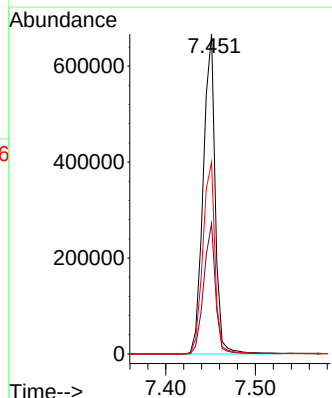
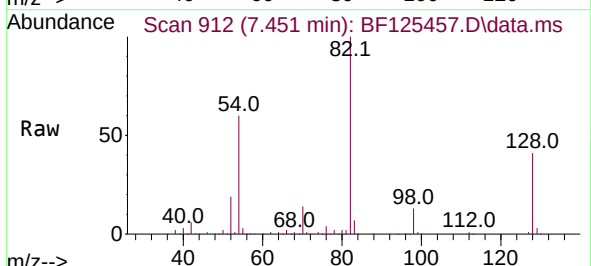
Instrument :
BNA_F
ClientSampleId :
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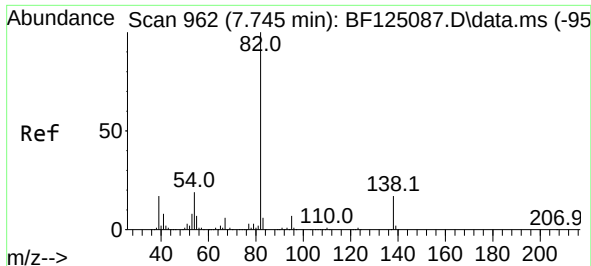
Tgt Ion:136	Resp: 523789
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 10.4	6.4 9.6#
68 5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.639 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion: 82	Resp: 620492
Ion Ratio	Lower Upper
82 100	
128 40.8	40.6 60.8
54 60.0	49.6 74.4

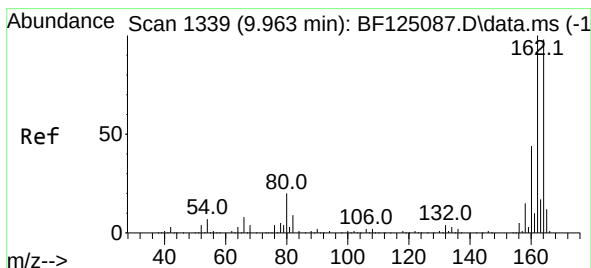
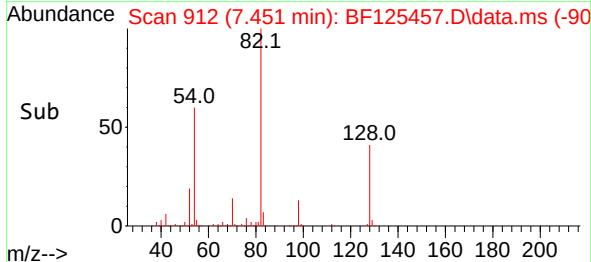
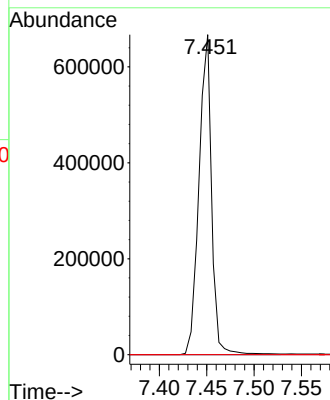
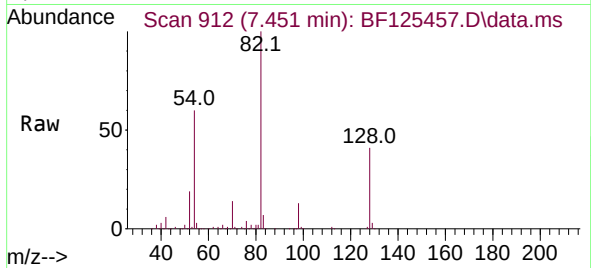




#25
Isophorone
Concen: 30.915 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

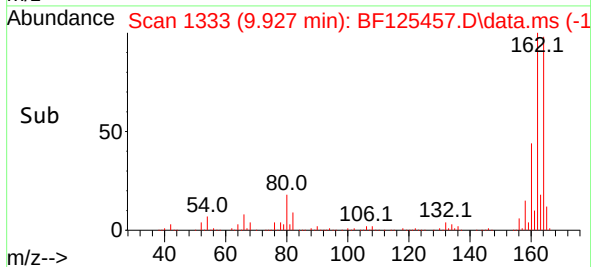
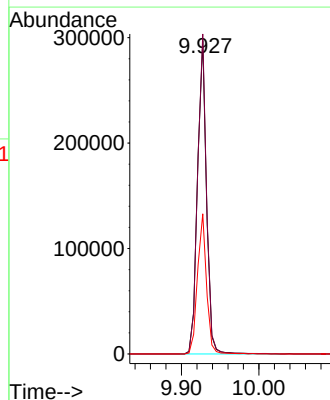
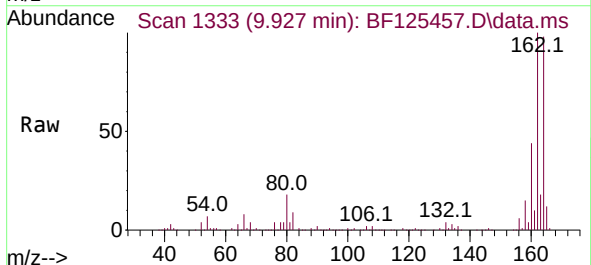
Instrument :
BNA_F
ClientSampleId :
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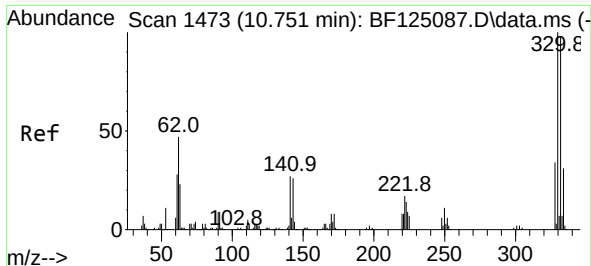
Tgt Ion: 82 Resp: 620487
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion: 164 Resp: 240197
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.7 38.0 57.0

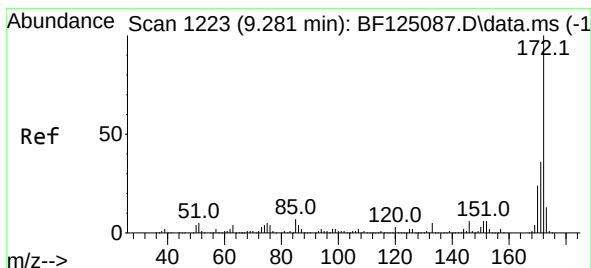
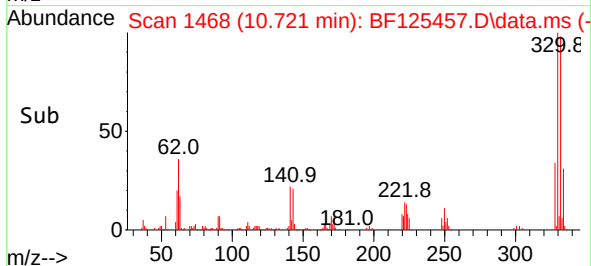
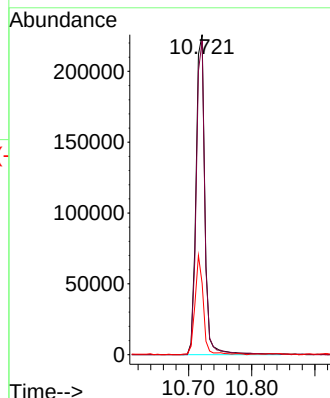
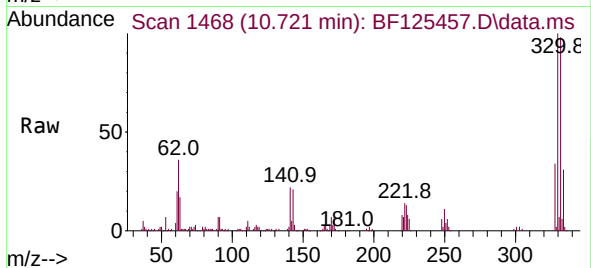




#42
 2,4,6-Tribromophenol
 Concen: 91.520 ng
 RT: 10.721 min Scan# 1468
 Delta R.T. -0.006 min
 Lab File: BF125457.D
 Acq: 13 Sep 2021 22:26

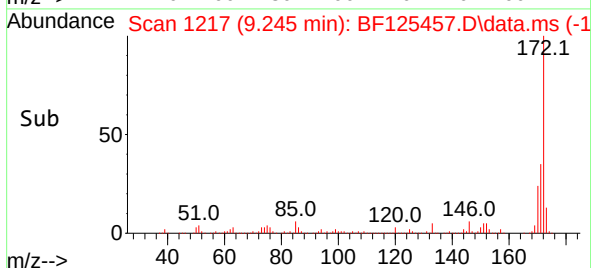
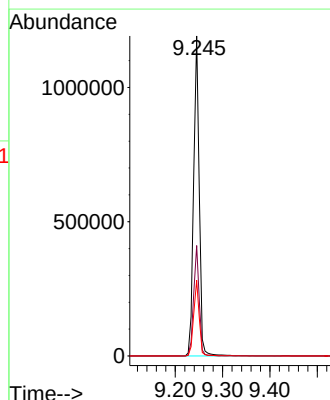
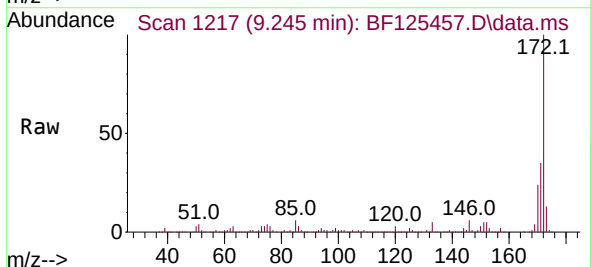
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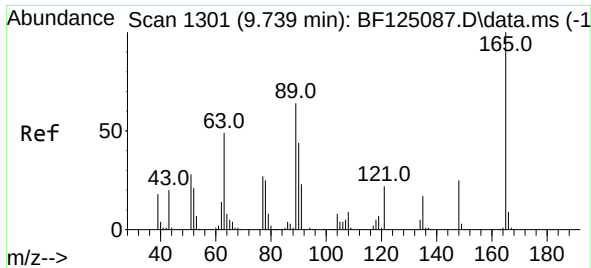
Tgt Ion: 330 Resp: 219437
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 28.9 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 56.614 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125457.D
 Acq: 13 Sep 2021 22:26

Tgt Ion: 172 Resp: 975689
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.5 39.7
 170 23.6 18.8 28.2

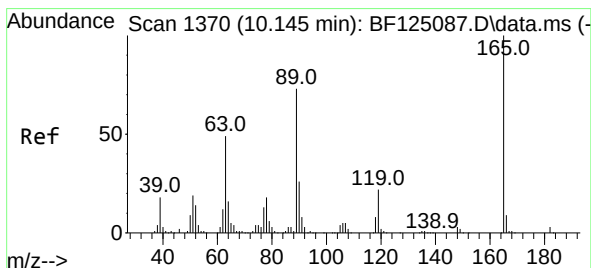
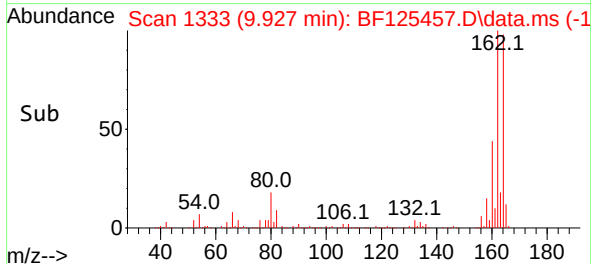
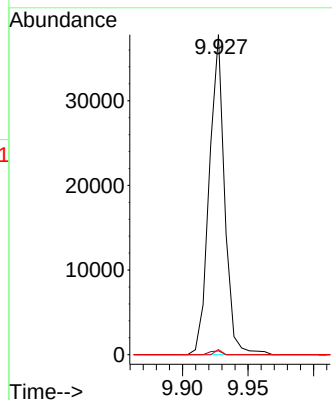
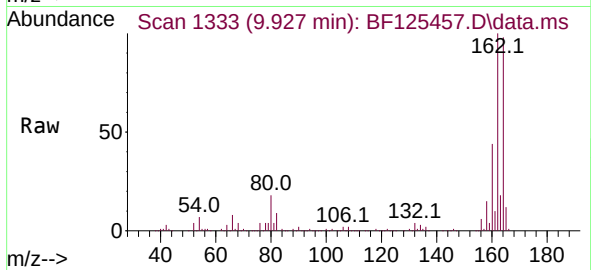




#51
2,6-Dinitrotoluene
Concen: 8.559 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

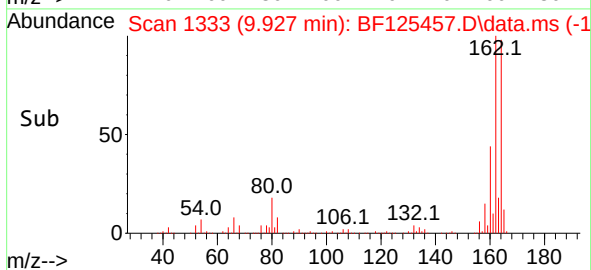
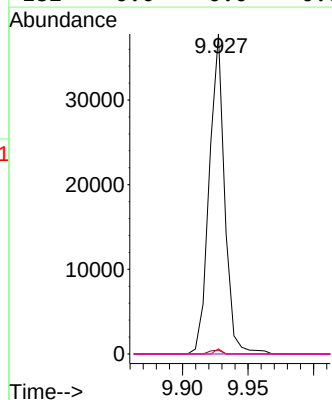
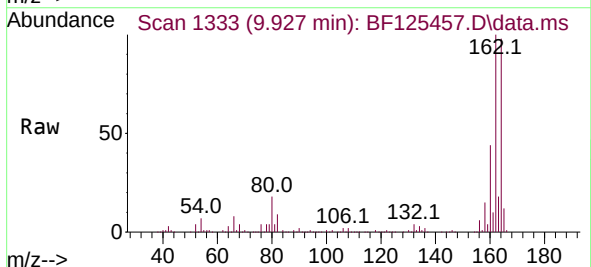
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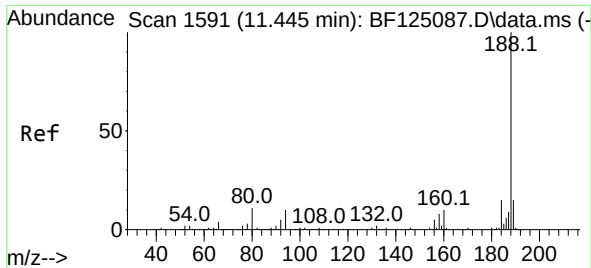
Tgt Ion:165 Resp: 30891
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.6 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.072 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:165 Resp: 30891
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0

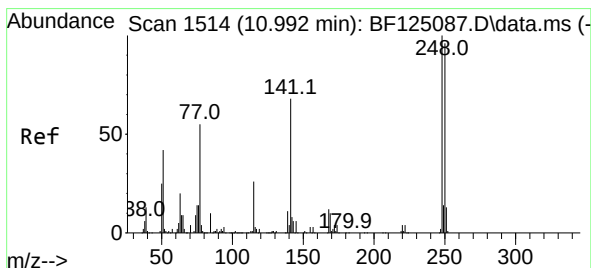
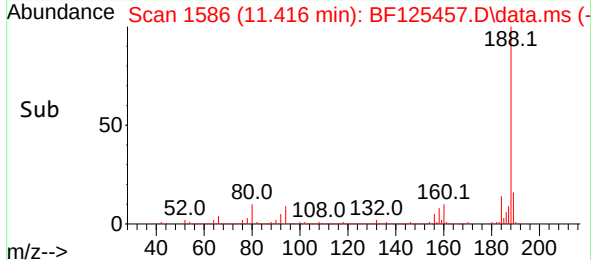
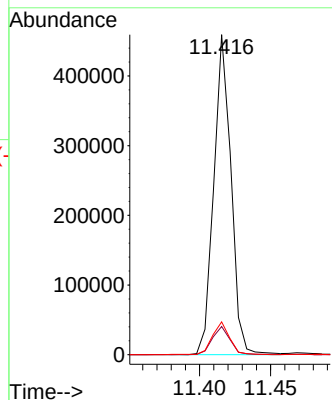
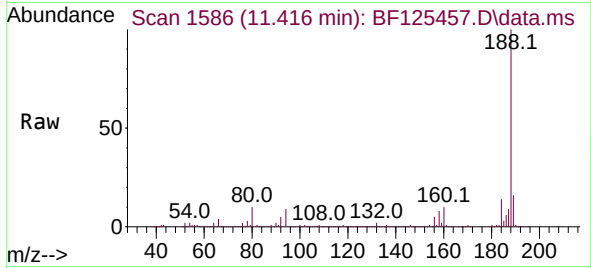




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

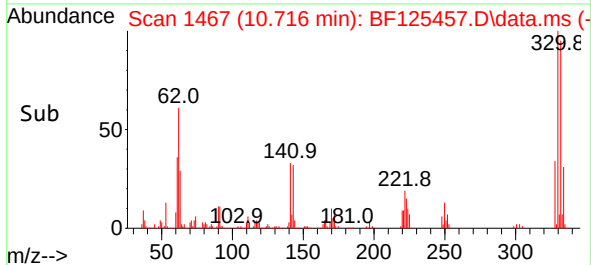
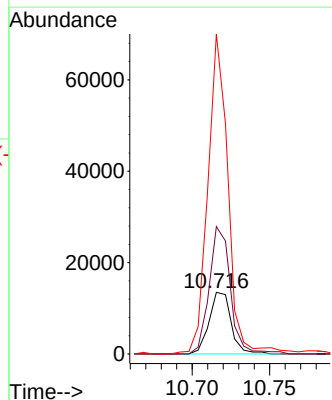
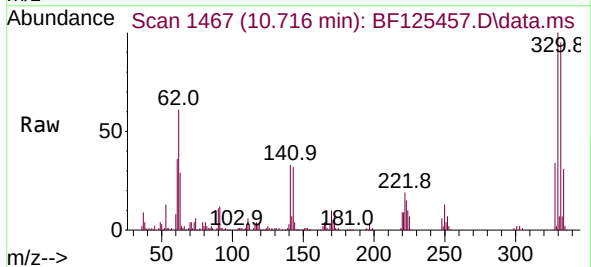
Instrument :
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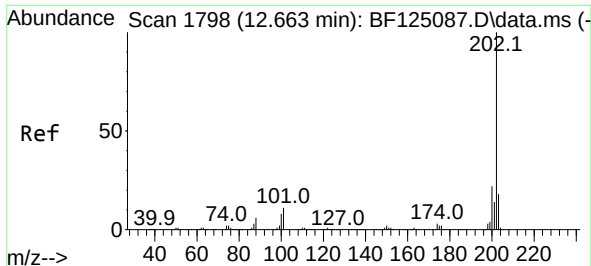
Tgt Ion:188 Resp: 386362
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:248 Resp: 13330
Ion Ratio Lower Upper
248 100
250 207.1 74.2 111.4#
141 520.0 60.4 90.6#

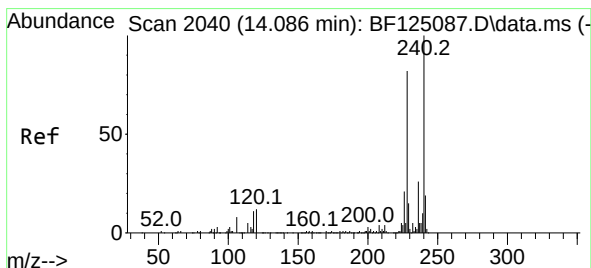
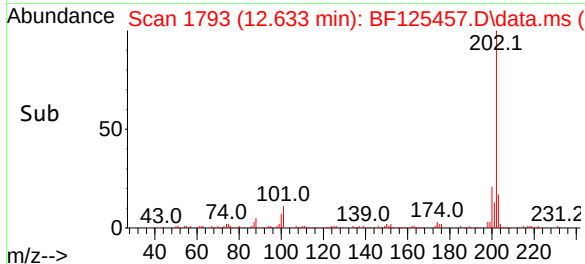
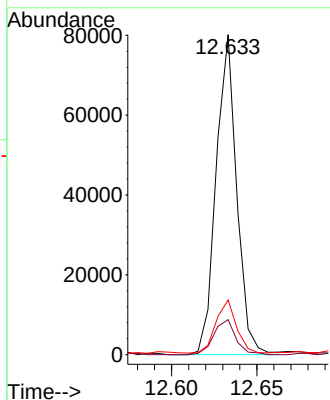
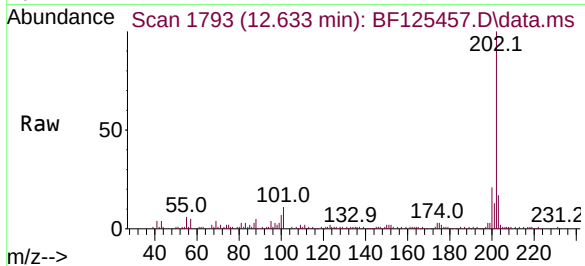




#75
Fluoranthene
Concen: 3.202 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

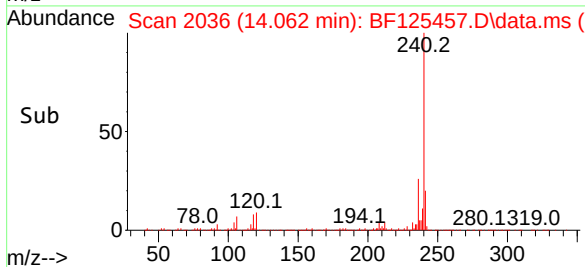
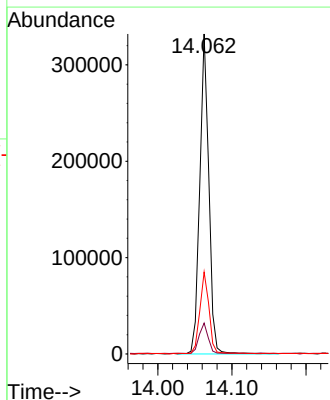
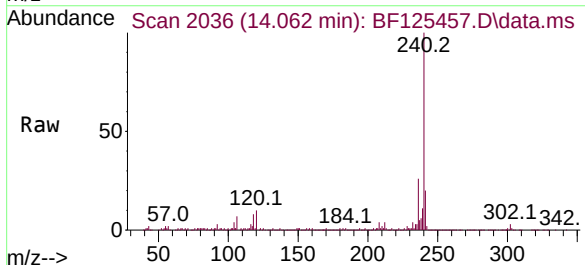
Instrument :
BNA_F
ClientSampleId :
A017145

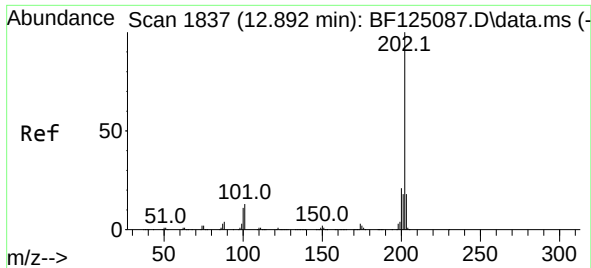
Tgt Ion:202 Resp: 67636
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:240 Resp: 281664
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.6 21.6 32.4

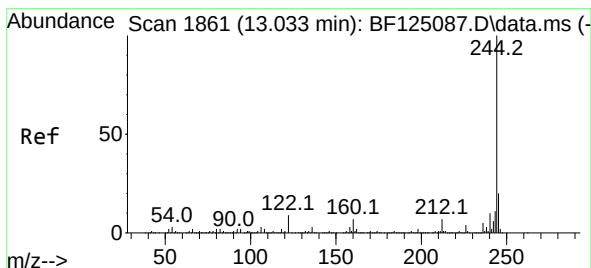
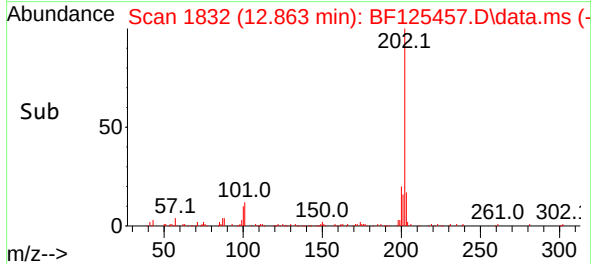
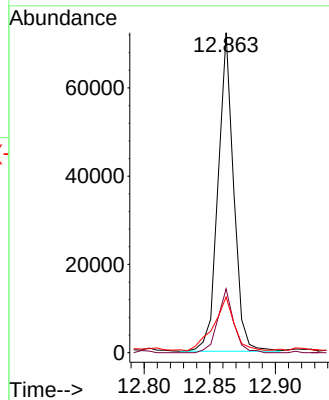
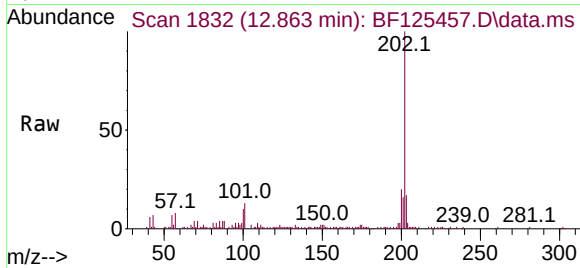




#78
Pyrene
Concen: 2.462 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

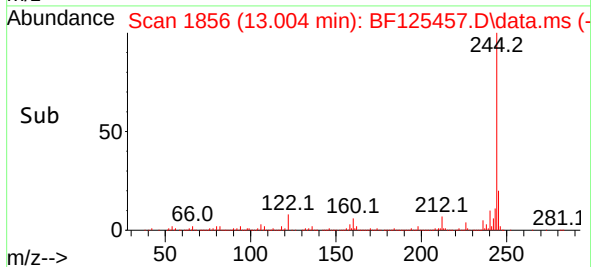
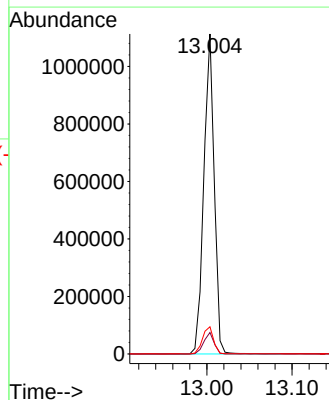
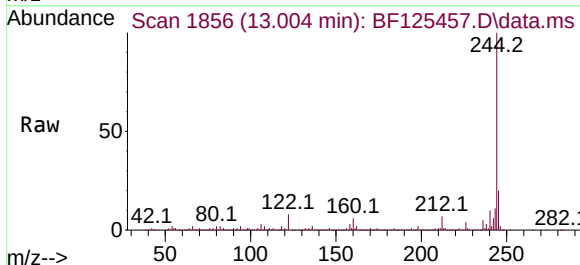
Instrument :
BNA_F
ClientSampleId :
A017145

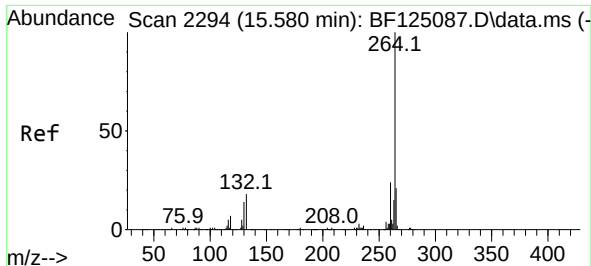
Tgt Ion:202	Resp:	59494
Ion Ratio	Lower	Upper
202	100	
200	20.0	15.3 22.9
203	17.4	13.4 20.0



#79
Terphenyl-d14
Concen: 53.336 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:244	Resp:	942995
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.9 8.9
122	8.5	9.0 13.4

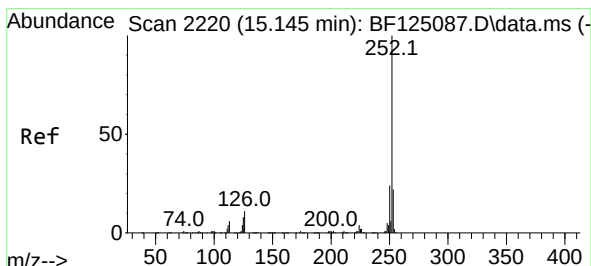
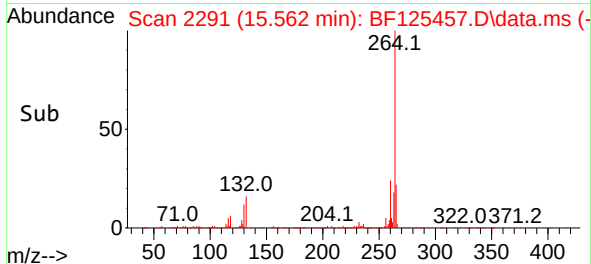
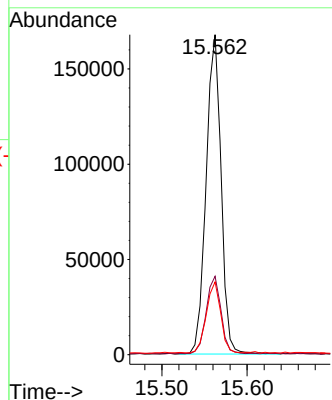
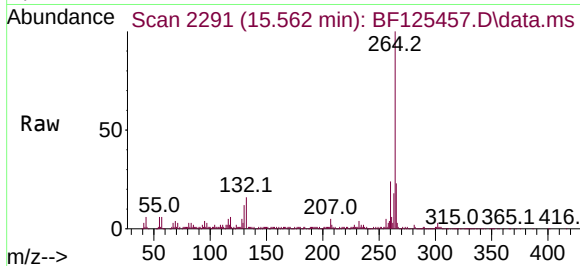




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

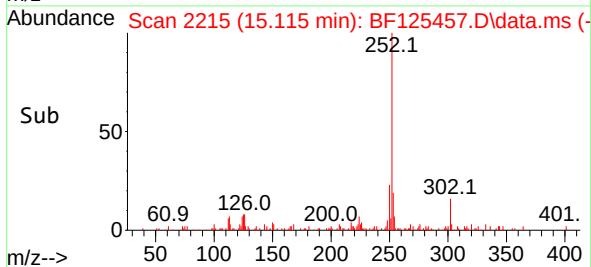
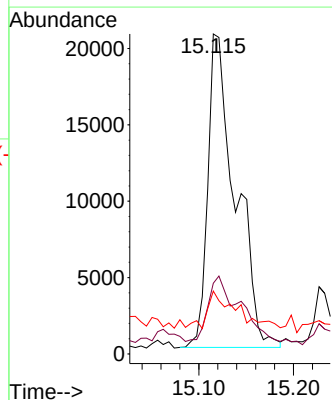
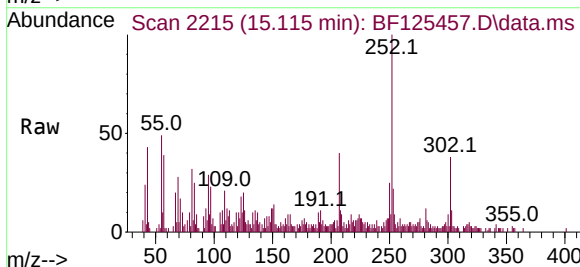
Instrument :
BNA_F
ClientSampleId :
A017145

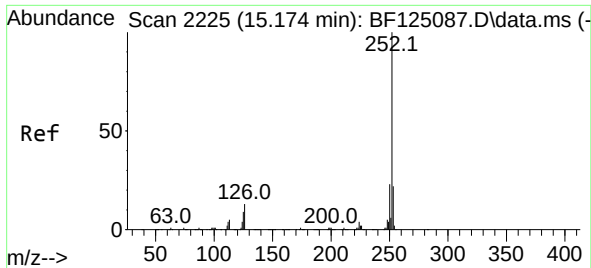
Tgt Ion:264 Resp: 204803
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.786 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:252 Resp: 41687
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 19.7 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.986 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.047 min

Lab File: BF125457.D

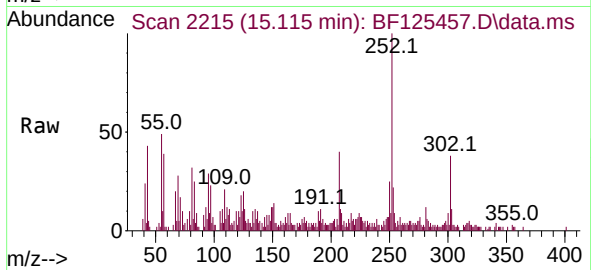
Acq: 13 Sep 2021 22:26

Instrument :

BNA_F

ClientSampleId :

A017145



Tgt Ion:	252	Resp:	41687
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	19.7	7.2	10.8#

