

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125387.D
 Acq On : 7 Sep 2021 14:47
 Operator : JU/CG
 Sample : M3657-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TFI-358

Quant Time: Sep 07 16:24:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

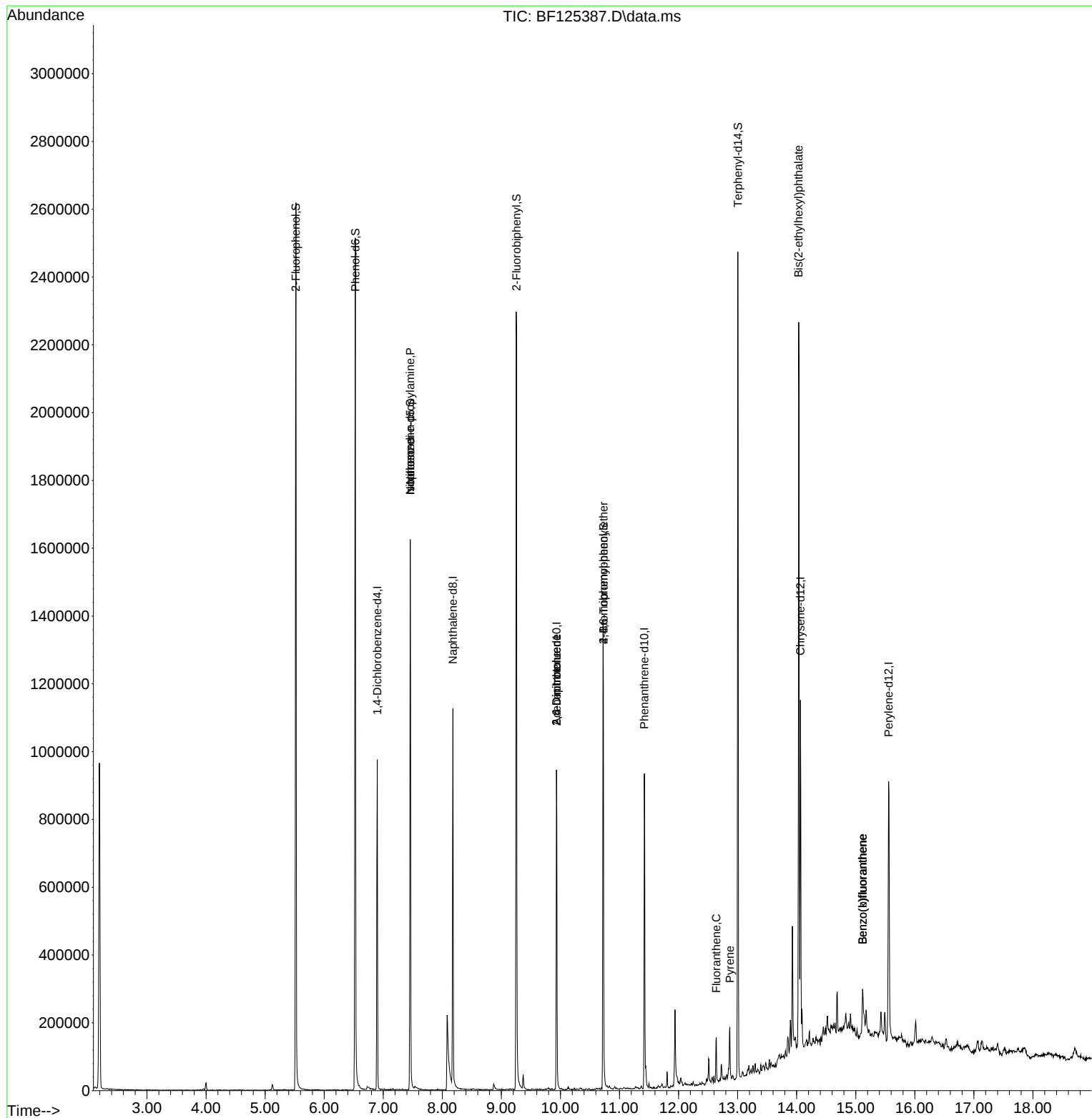
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	129432	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460643	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	208254	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	344213	20.000	ng	0.00
76) Chrysene-d12	14.063	240	330713	20.000	ng	0.00
86) Perylene-d12	15.557	264	363196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	650874	76.114	ng	0.00
7) Phenol-d6	6.528	99	796547	72.024	ng	0.00
23) Nitrobenzene-d5	7.457	82	503727	55.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	182421	87.752	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	819592	54.851	ng	0.00
79) Terphenyl-d14	13.004	244	834373	40.193	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	66213	9.954	ng	# 58
25) Isophorone	7.457	82	503718	28.537	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	26650	8.516	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	26651	7.037	ng	# 19
67) 4-Bromophenyl-phenylether	10.728	248	11767	2.847	ng	# 1
75) Fluoranthene	12.639	202	55020	2.924	ng	97
78) Pyrene	12.869	202	64412	2.271	ng	96
84) Bis(2-ethylhexyl)phtha...	14.033	149	570145	37.214	ng	98
88) Benzo(b)fluoranthene	15.115	252	84057	3.168	ng	95
89) Benzo(k)fluoranthene	15.115	252	84057	3.395	ng	# 96

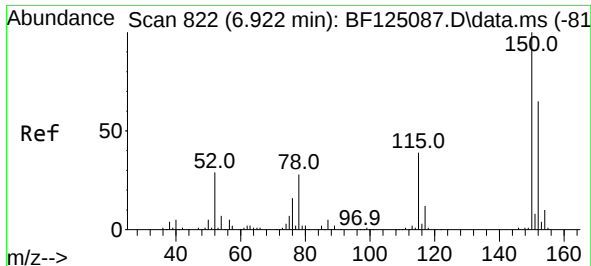
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125387.D
Acq On : 7 Sep 2021 14:47
Operator : JU/CG
Sample : M3657-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TFI-358

Quant Time: Sep 07 16:24:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

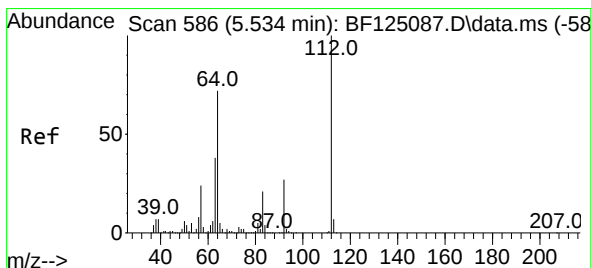
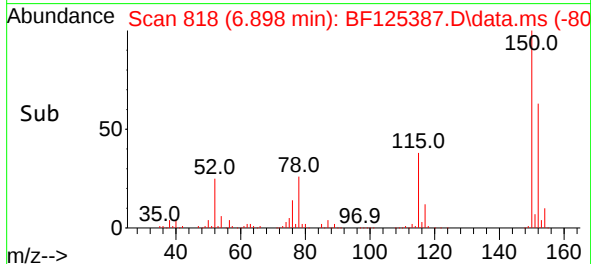
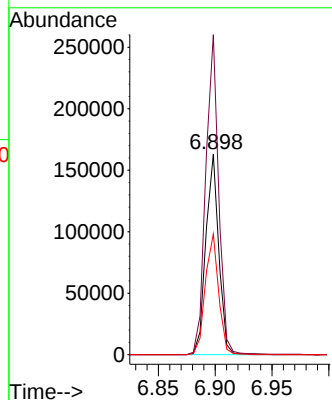
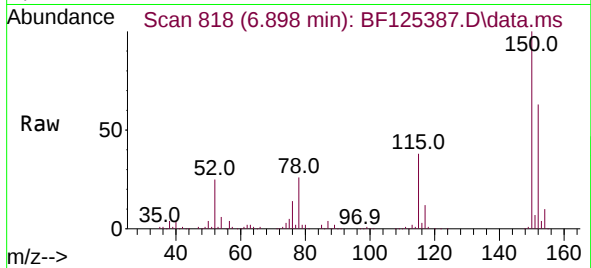




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125387.D
 Acq: 7 Sep 2021 14:47

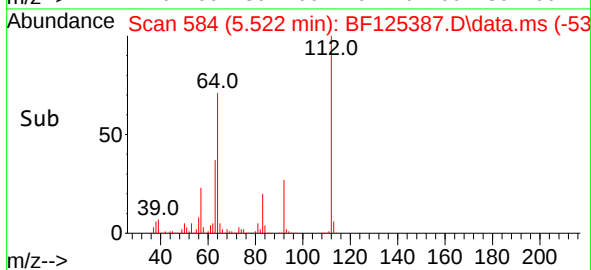
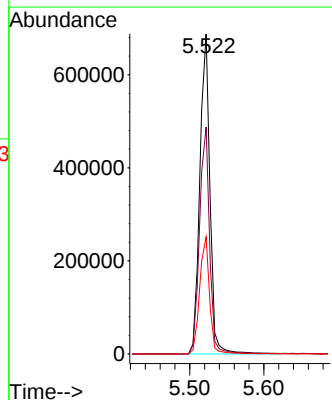
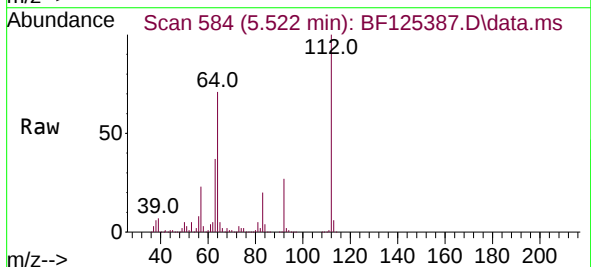
Instrument :
 BNA_F
 ClientSampled :
 TFI-358

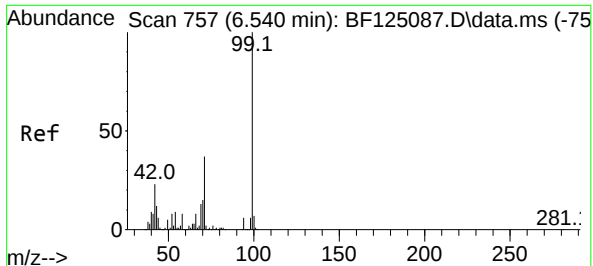
Tgt Ion:152 Resp: 129432
 Ion Ratio Lower Upper
 152 100
 150 159.6 117.6 176.4
 115 60.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 76.114 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.000 min
 Lab File: BF125387.D
 Acq: 7 Sep 2021 14:47

Tgt Ion:112 Resp: 650874
 Ion Ratio Lower Upper
 112 100
 64 71.0 44.2 66.2#
 63 36.6 26.2 39.2

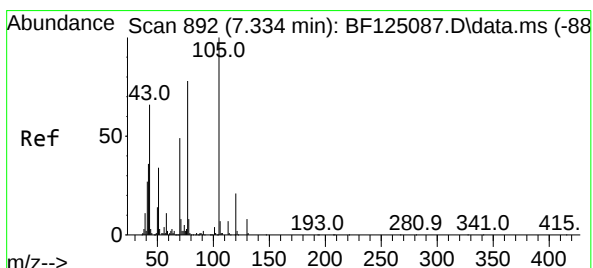
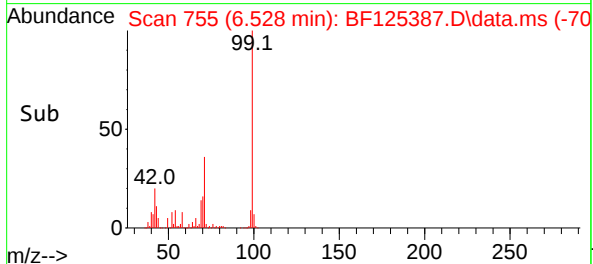
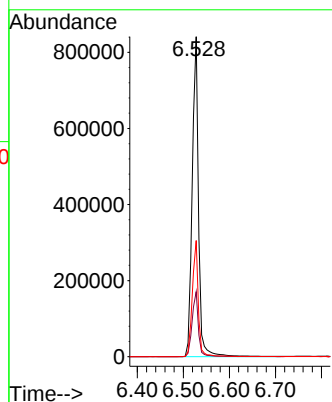
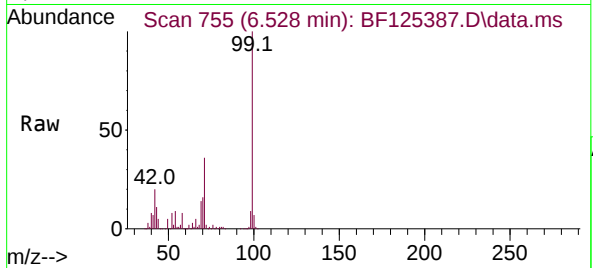




#7
Phenol-d6
Concen: 72.024 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

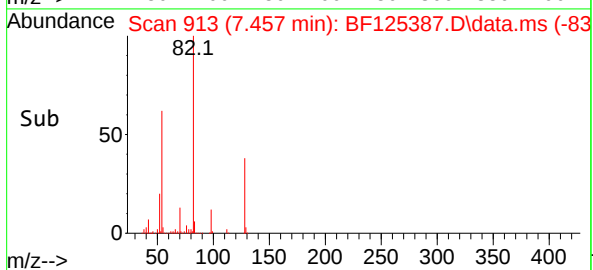
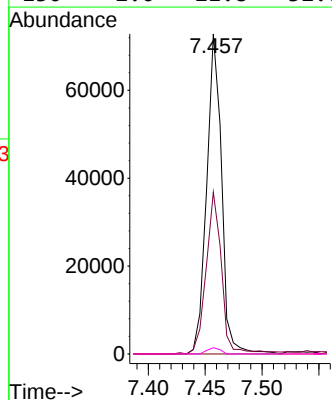
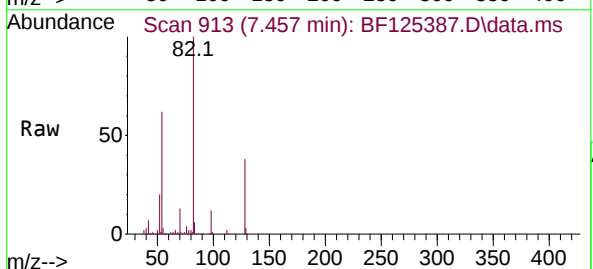
Instrument :
BNA_F
ClientSampleId :
TFI-358

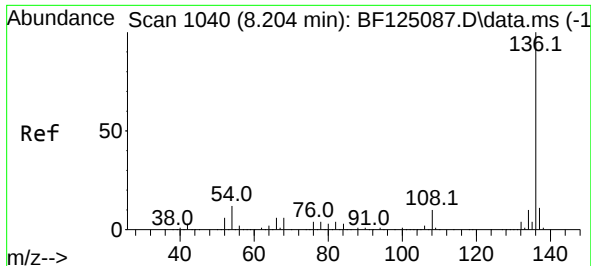
Tgt Ion: 99 Resp: 796547
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 36.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.954 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion: 70 Resp: 66213
Ion Ratio Lower Upper
70 100
42 50.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



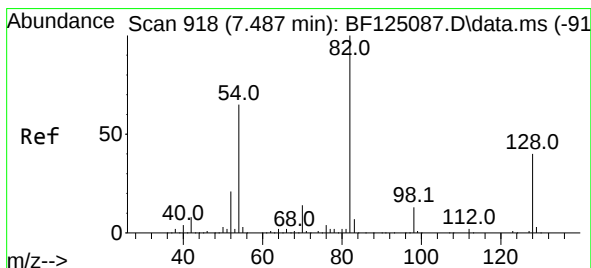
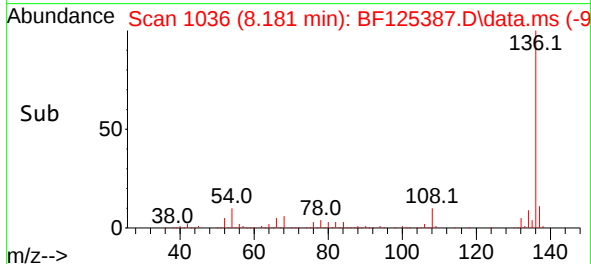
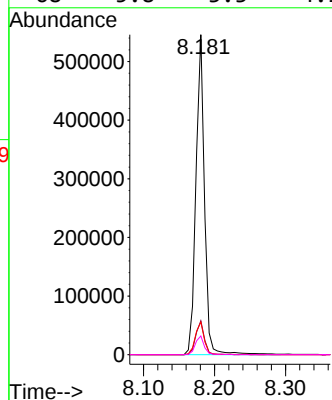
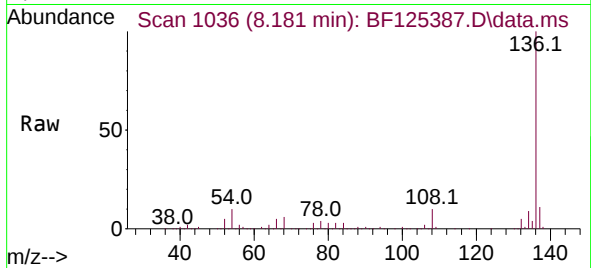


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Instrument :
BNA_F
ClientSampleId :
TFI-358

Tgt Ion:136 Resp: 460643

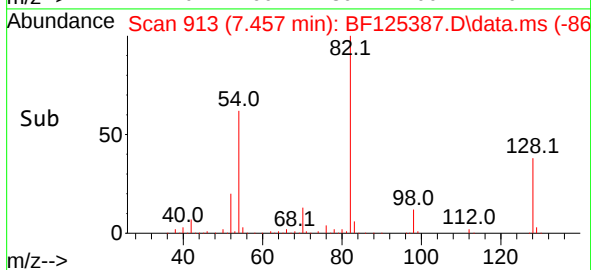
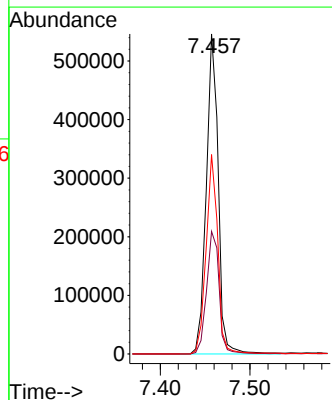
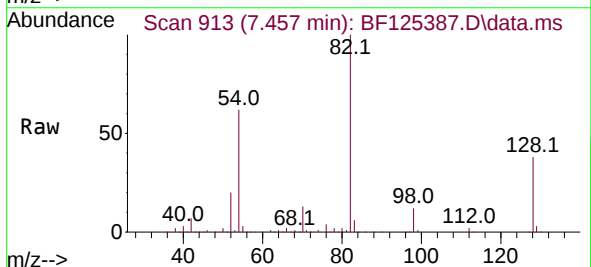
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	10.2	6.4	9.6#
68	5.8	3.3	4.9#

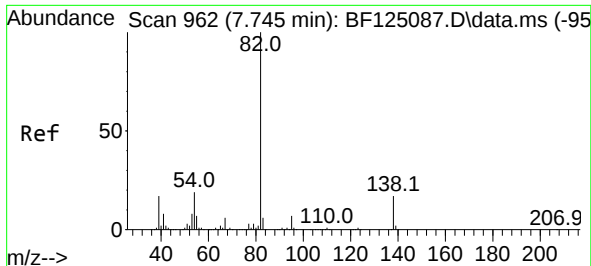


#23
Nitrobenzene-d5
Concen: 55.053 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion: 82 Resp: 503727

Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	60.8#
54	62.3	49.6	74.4

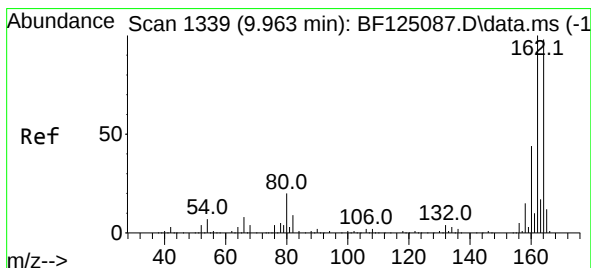
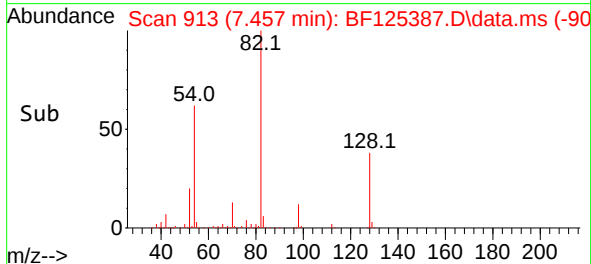
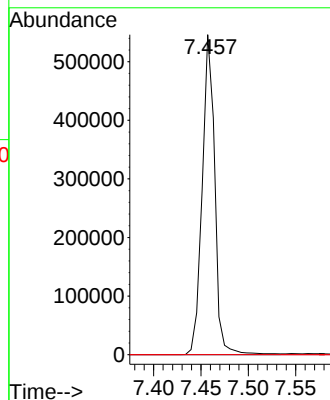
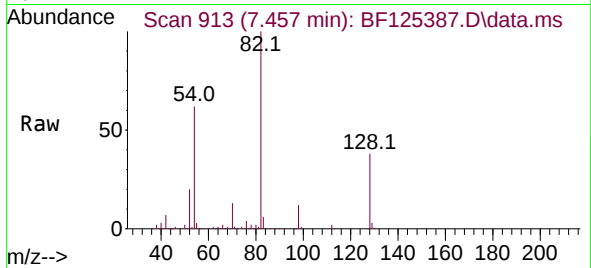




#25
Isophorone
Concen: 28.537 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

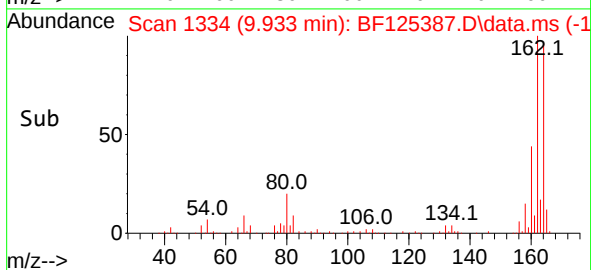
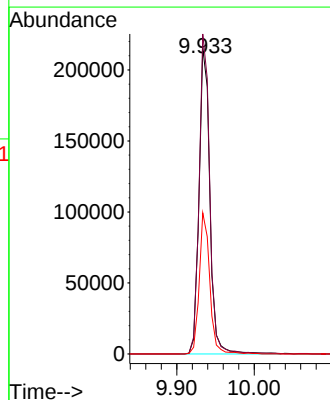
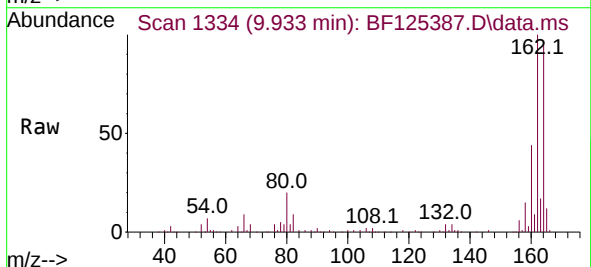
Instrument :
BNA_F
ClientSampleId :
TFI-358

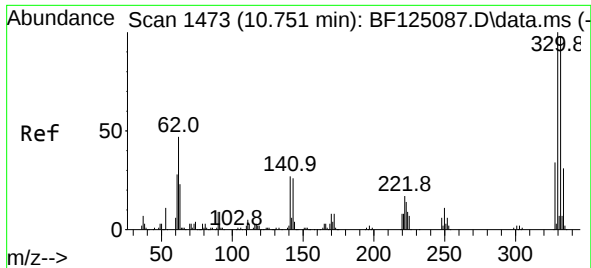
Tgt Ion: 82 Resp: 503718
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:164 Resp: 208254
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 46.1 38.0 57.0

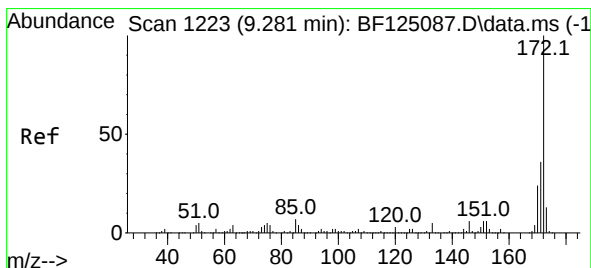
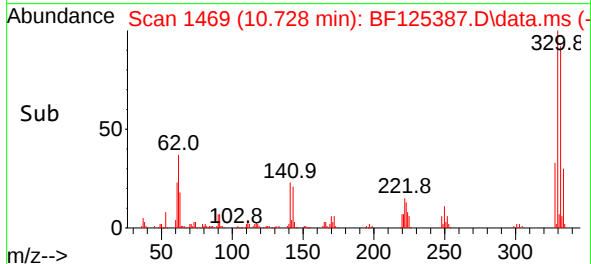
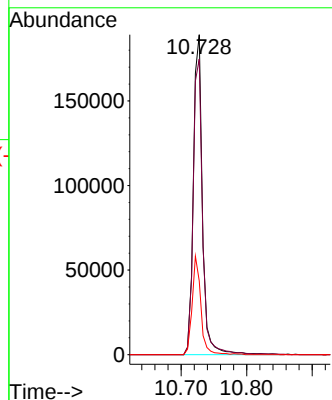
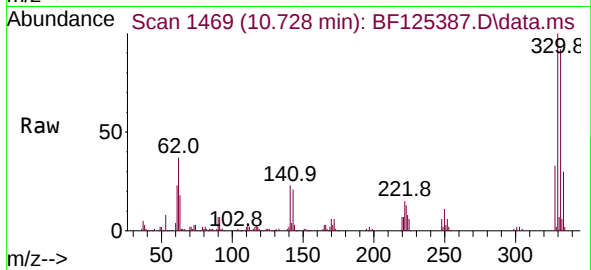




#42
2,4,6-Tribromophenol
Concen: 87.752 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

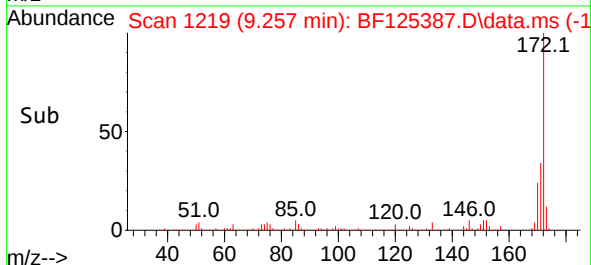
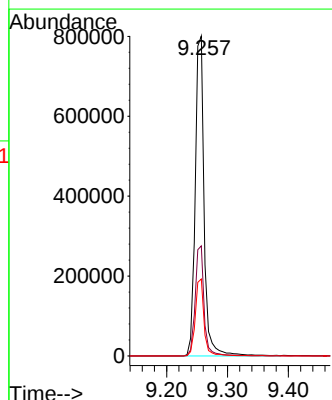
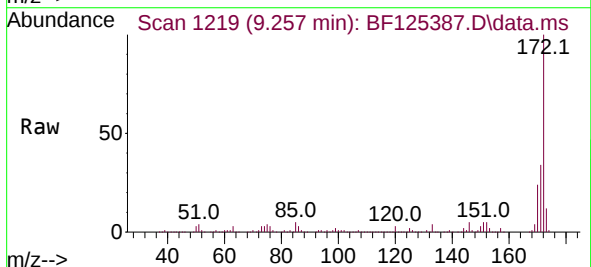
Instrument :
BNA_F
ClientSampleID :
TFI-358

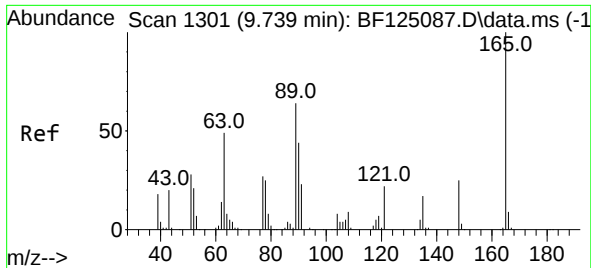
Tgt Ion:330 Resp: 182421
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 29.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.851 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:172 Resp: 819592
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 24.0 18.8 28.2

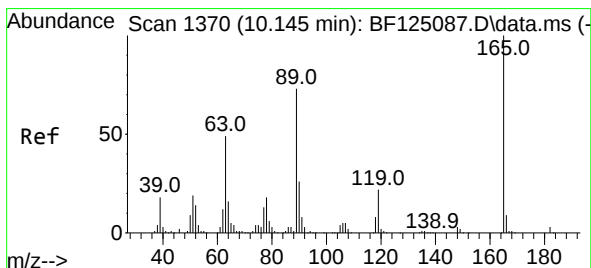
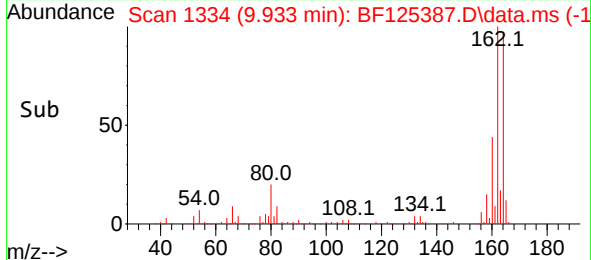
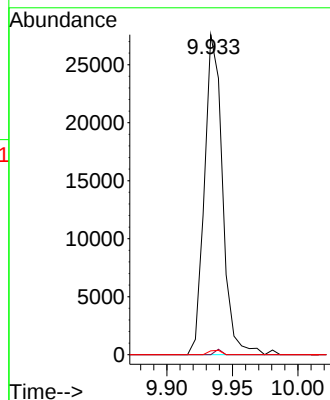
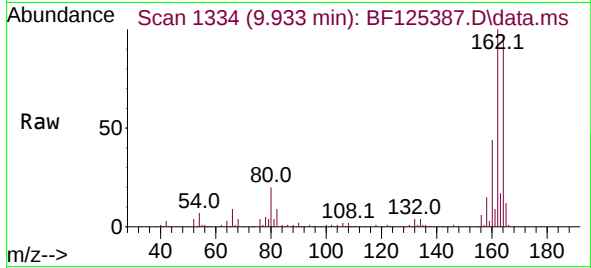




#51
2,6-Dinitrotoluene
Concen: 8.516 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

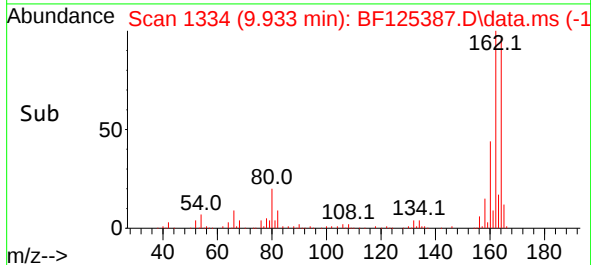
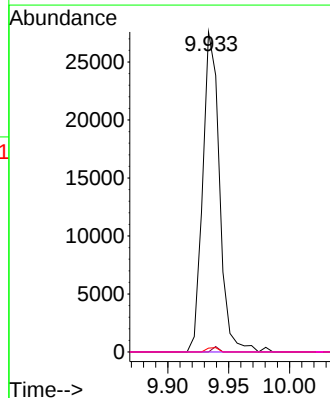
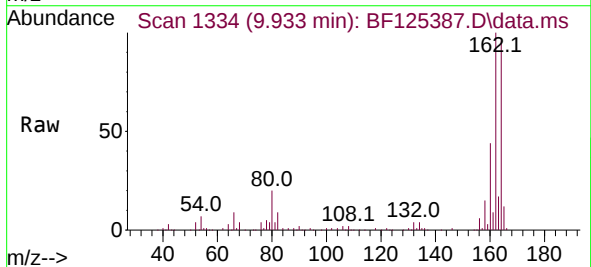
Instrument :
BNA_F
ClientSampled :
TFI-358

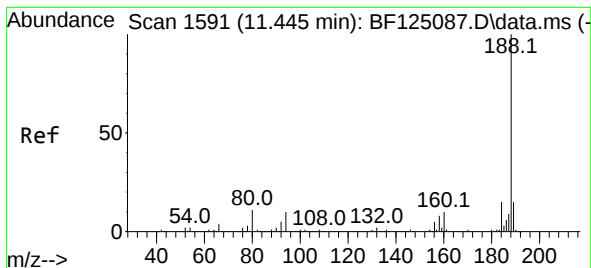
Tgt Ion:165 Resp: 26650
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.037 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:165 Resp: 26651
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

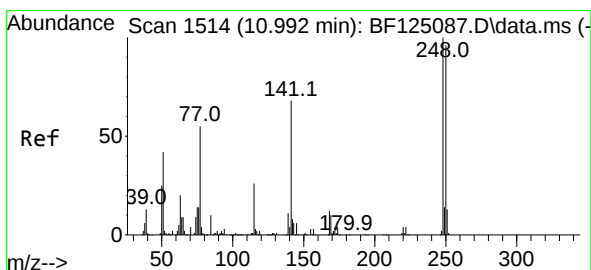
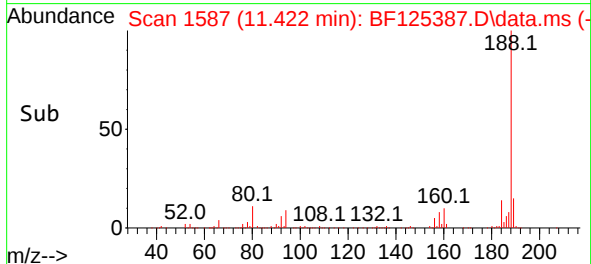
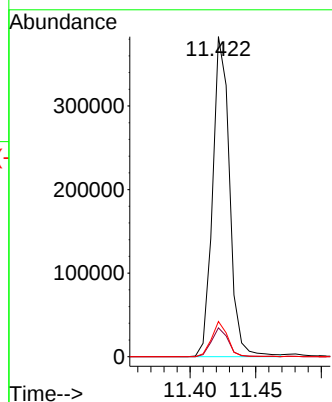
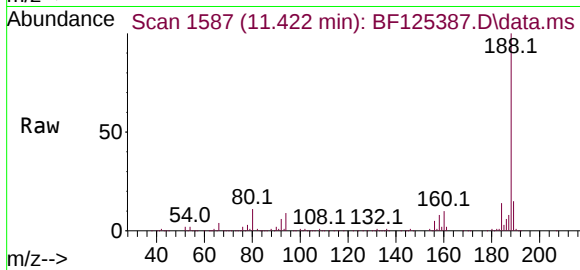




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

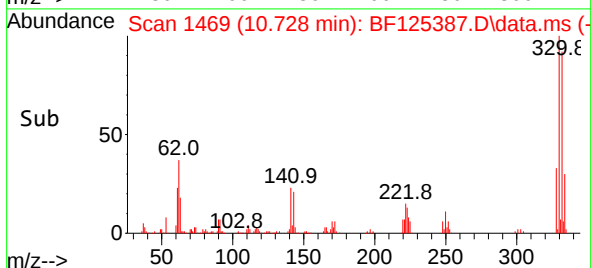
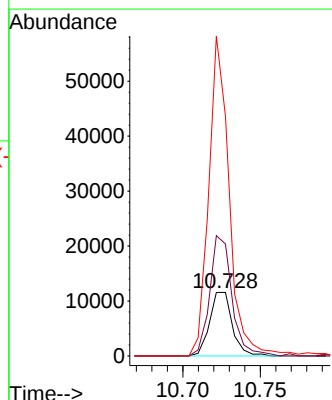
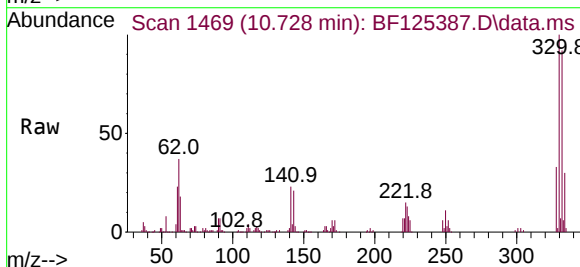
Instrument :
BNA_F
ClientSampleId :
TFI-358

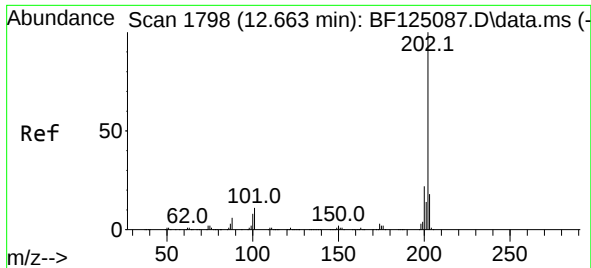
Tgt Ion:188 Resp: 344213
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 11.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:248 Resp: 11767
Ion Ratio Lower Upper
248 100
250 176.5 74.2 111.4#
141 377.3 60.4 90.6#

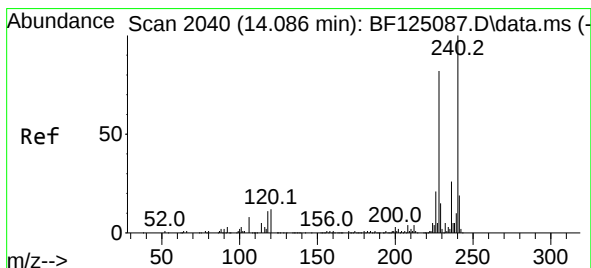
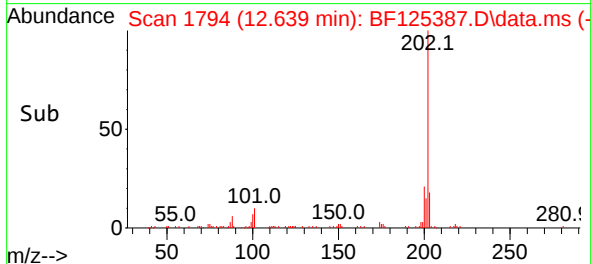
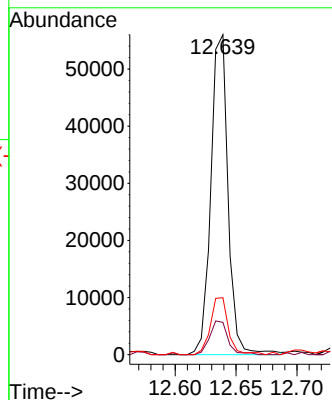
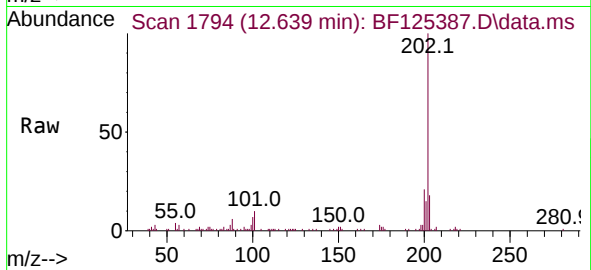




#75
Fluoranthene
Concen: 2.924 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

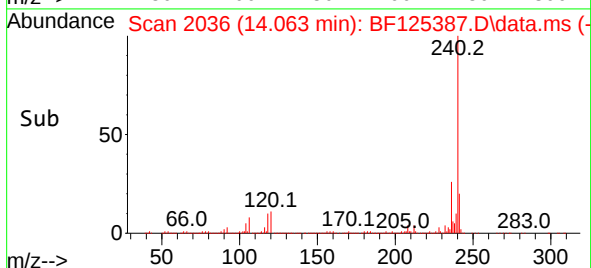
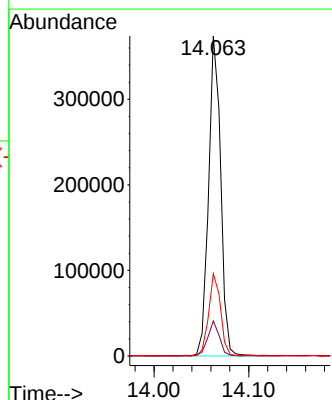
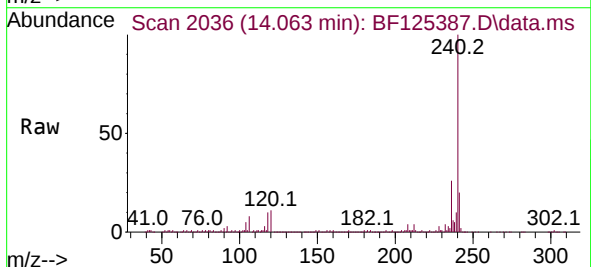
Instrument :
BNA_F
ClientSampleId :
TFI-358

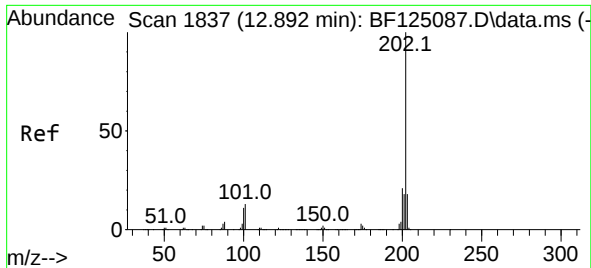
Tgt Ion:202 Resp: 55020
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:240 Resp: 330713
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.7 21.6 32.4

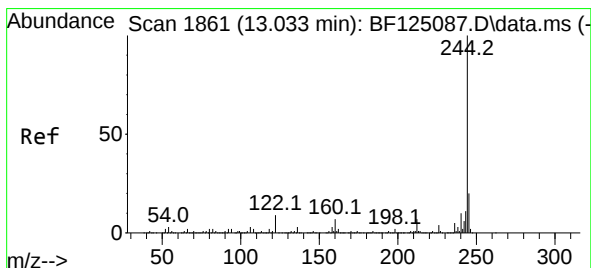
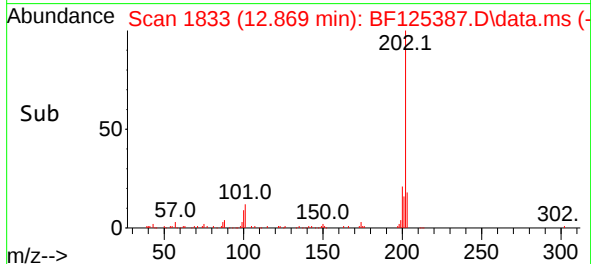
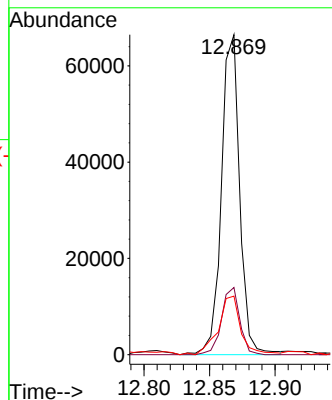
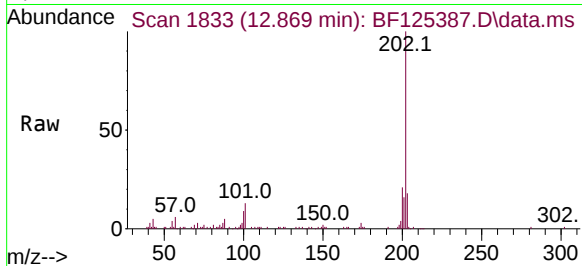




#78
Pyrene
Concen: 2.271 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

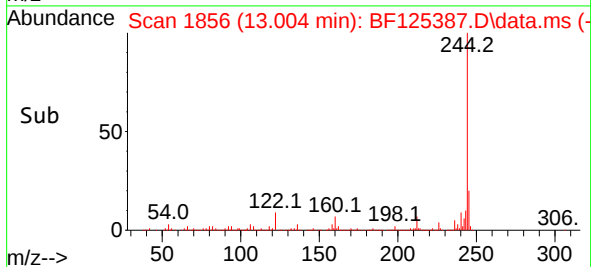
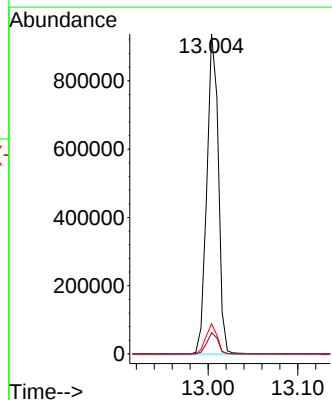
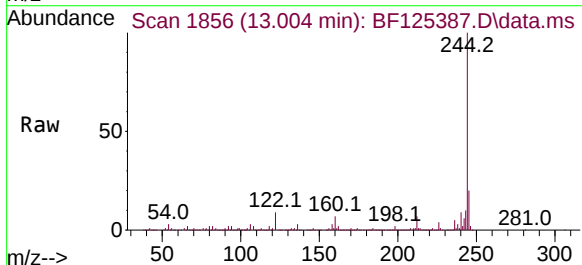
Instrument :
BNA_F
ClientSampled :
TFI-358

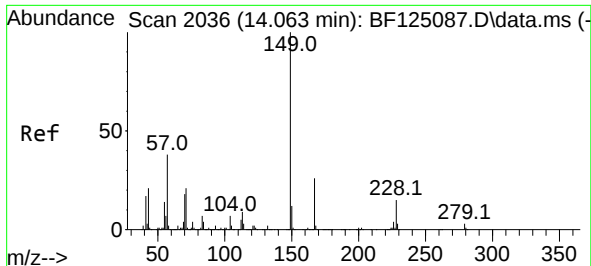
Tgt Ion:202 Resp: 64412
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 18.3 13.4 20.0



#79
Terphenyl-d14
Concen: 40.193 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:244 Resp: 834373
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.4 9.0 13.4

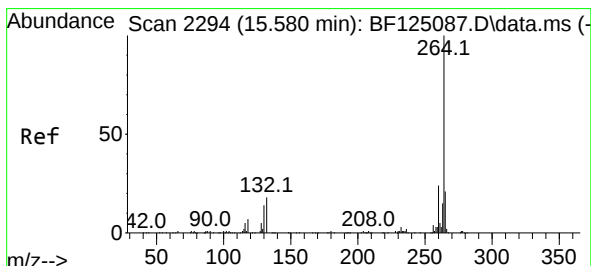
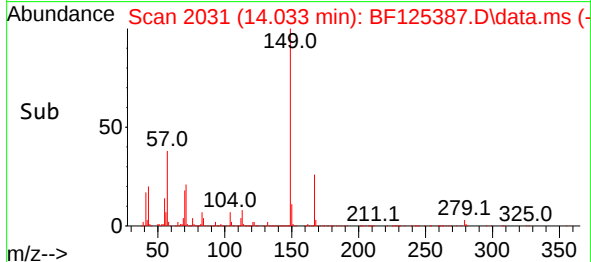
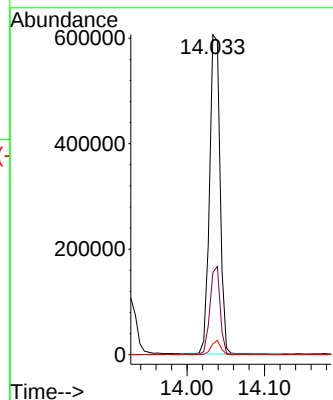
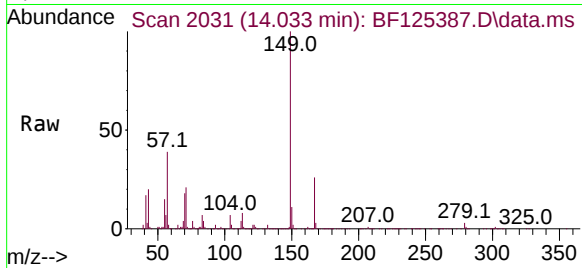




#84
Bis(2-ethylhexyl)phthalate
Concen: 37.214 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

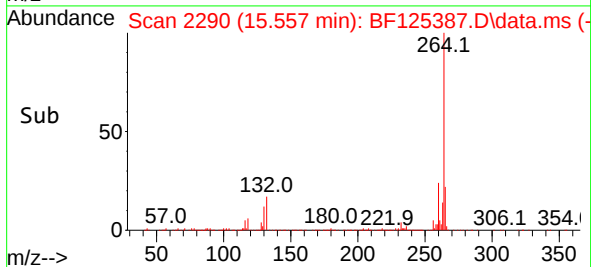
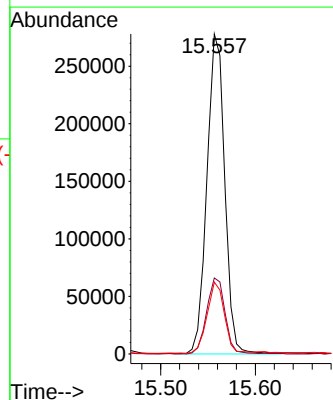
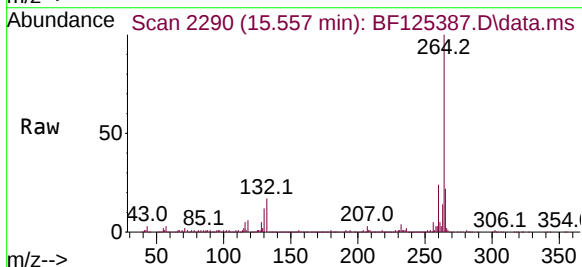
Instrument :
BNA_F
ClientSampleId :
TFI-358

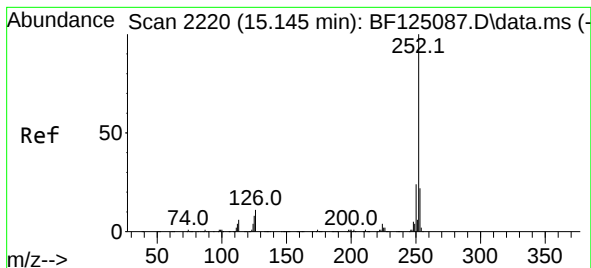
Tgt Ion:149 Resp: 570145
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.0
279 3.4 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:264 Resp: 363196
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.5 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.168 ng

RT: 15.115 min Scan# 2215

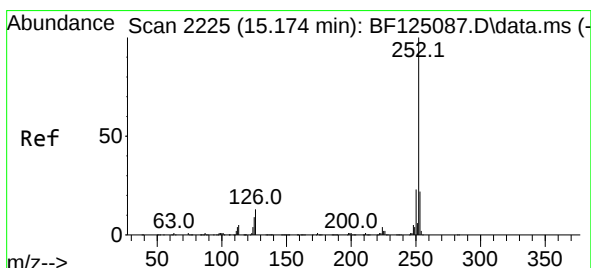
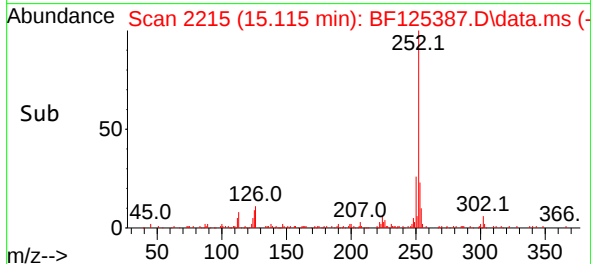
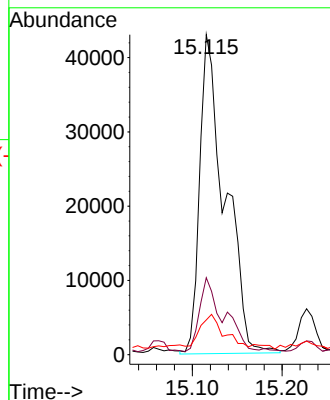
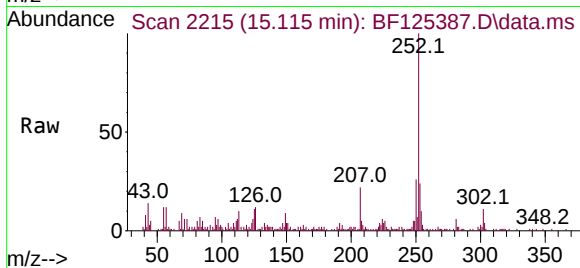
Delta R.T. -0.006 min

Lab File: BF125387.D

Acq: 7 Sep 2021 14:47

Tgt Ion:252	Resp:	84057
Ion Ratio	Lower	Upper
252	100	
253	24.1	16.8 25.2
125	10.9	9.8 14.8

Instrument :
BNA_F
ClientSampleId :
TFI-358



#89

Benzo(k)fluoranthene

Concen: 3.395 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.035 min

Lab File: BF125387.D

Acq: 7 Sep 2021 14:47

Tgt Ion:252	Resp:	84057
Ion Ratio	Lower	Upper
252	100	
253	24.1	17.8 26.8
125	10.9	7.2 10.8

