

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125119.D
 Acq On : 19 Aug 2021 17:45
 Operator : JU/CG
 Sample : M3451-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-0-5-COMP

Quant Time: Aug 20 02:52:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

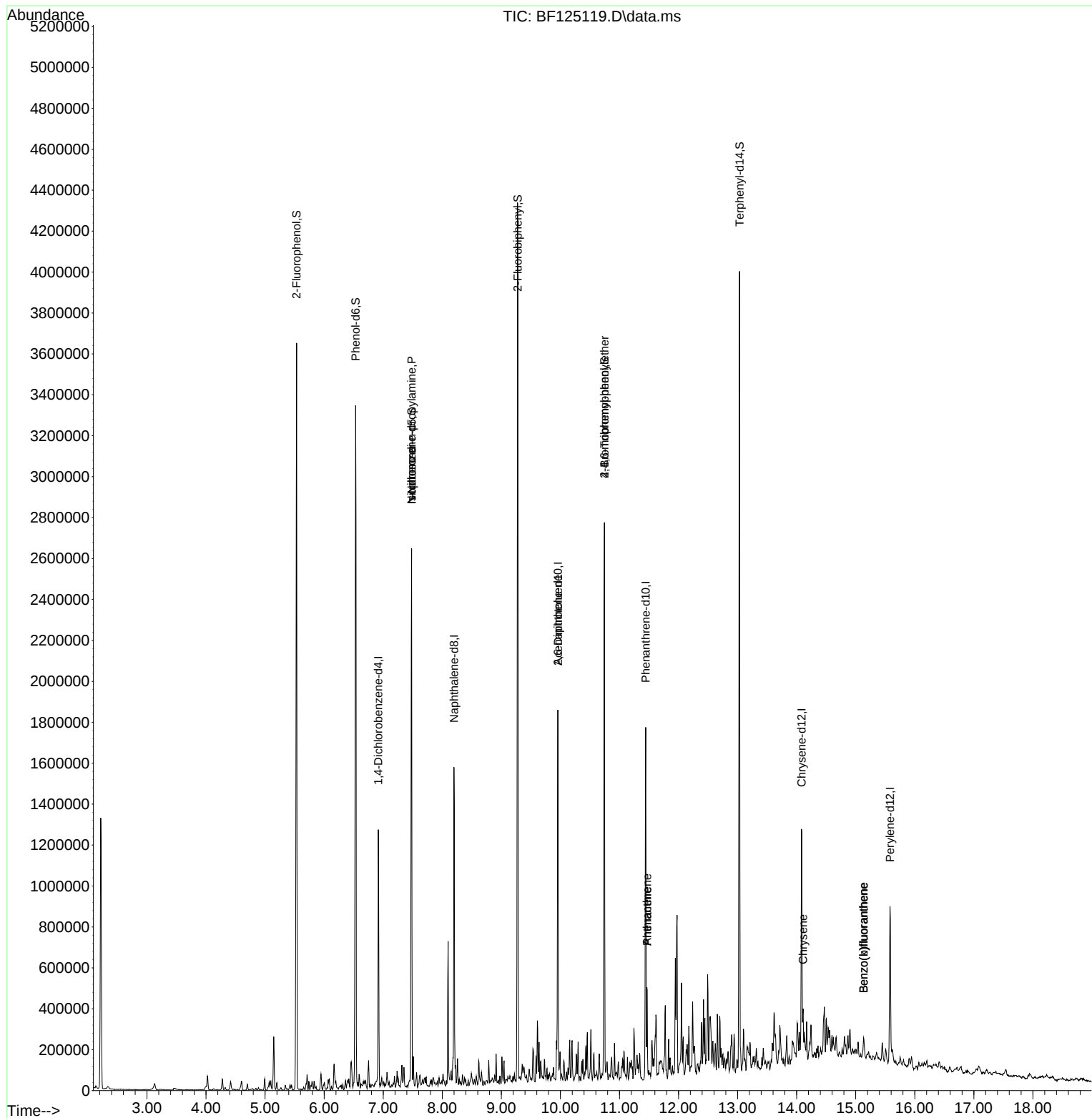
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	166086	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	639885	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	342047	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	609205	20.000	ng	0.00
76) Chrysene-d12	14.086	240	373412	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	358596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	898338	81.869	ng	0.00
7) Phenol-d6	6.534	99	1196201	84.290	ng	0.00
23) Nitrobenzene-d5	7.481	82	809799	63.712	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	316281	92.632	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1389734	56.627	ng	0.00
79) Terphenyl-d14	13.033	244	1383405	59.020	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	115373	13.516	ng	# 59
25) Isophorone	7.481	82	808238	32.963	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	54170	10.539	ng	# 28
67) 4-Bromophenyl-phenylether	10.745	248	20143	2.753	ng	# 1
71) Phenanthrene	11.469	178	168064	5.007	ng	99
72) Anthracene	11.469	178	168064	5.080	ng	99
83) Chrysene	14.110	228	108271	4.069	ng	# 88
88) Benzo(b)fluoranthene	15.133	252	62565	2.388	ng	95
89) Benzo(k)fluoranthene	15.133	252	62565	2.559	ng	# 94

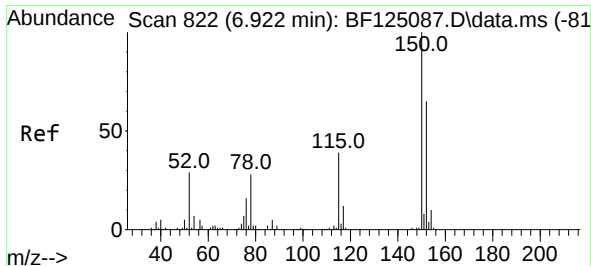
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125119.D
Acq On : 19 Aug 2021 17:45
Operator : JU/CG
Sample : M3451-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

Quant Time: Aug 20 02:52:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

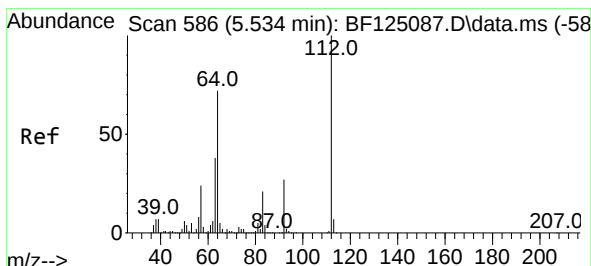
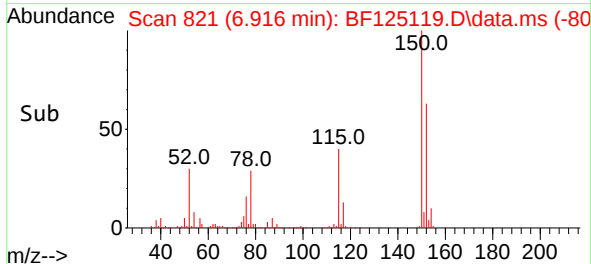
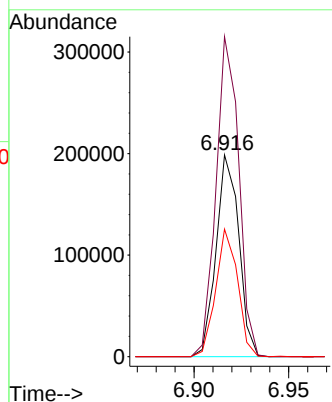
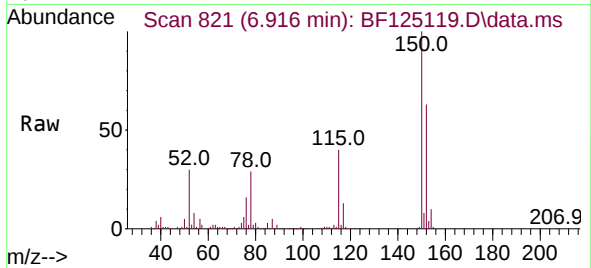




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

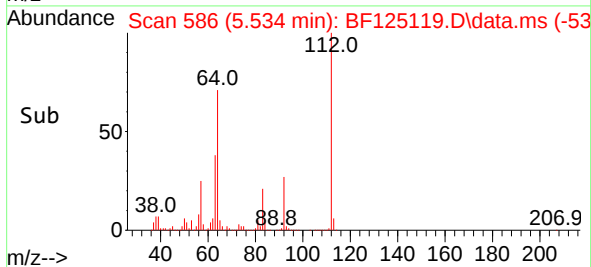
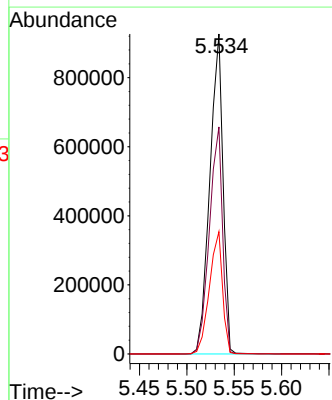
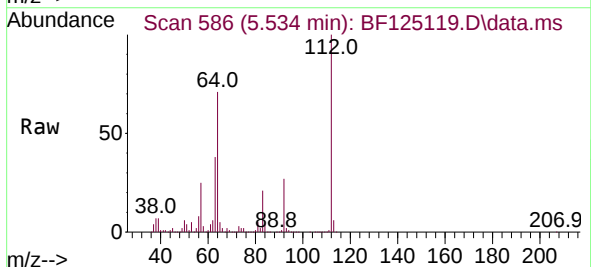
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

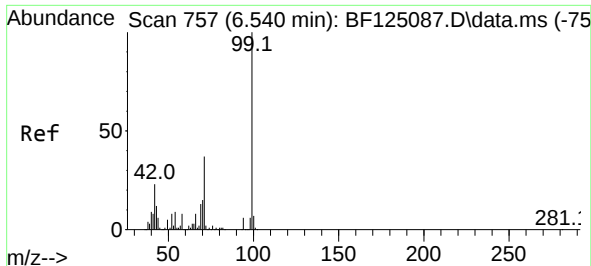
Tgt Ion:152 Resp: 166086
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 81.869 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion:112 Resp: 898338
Ion Ratio Lower Upper
112 100
64 71.0 44.2 66.2#
63 38.2 26.2 39.2

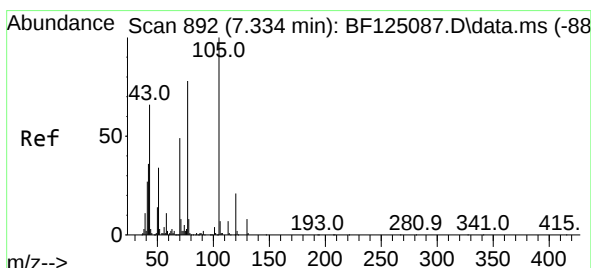
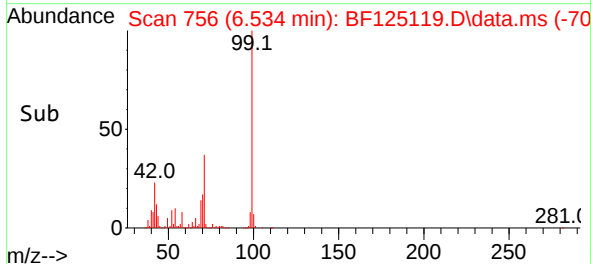
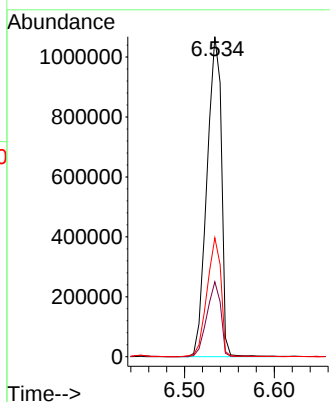
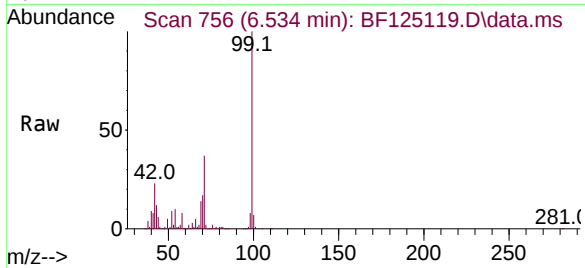




#7
Phenol-d6
Concen: 84.290 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

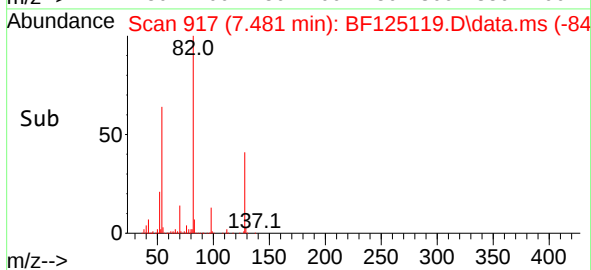
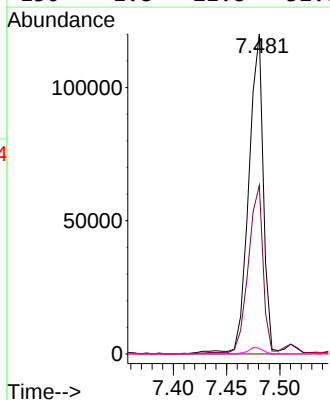
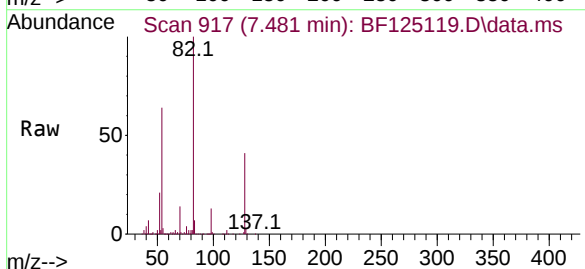
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

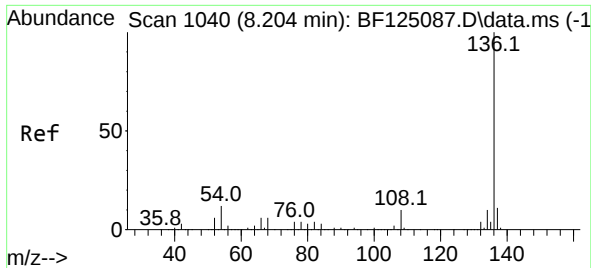
Tgt Ion: 99 Resp: 1196201
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 37.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.516 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion: 70 Resp: 115373
Ion Ratio Lower Upper
70 100
42 52.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

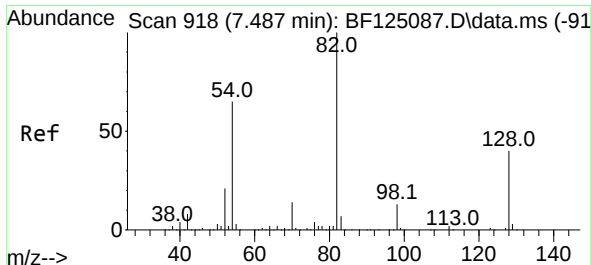
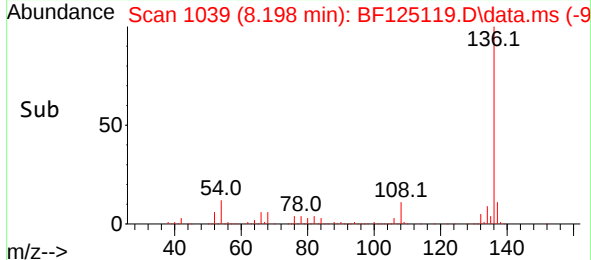
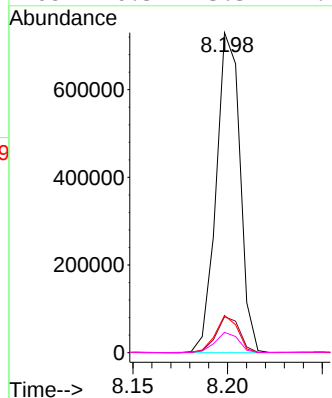
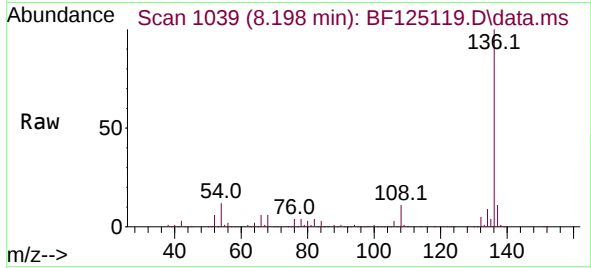




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

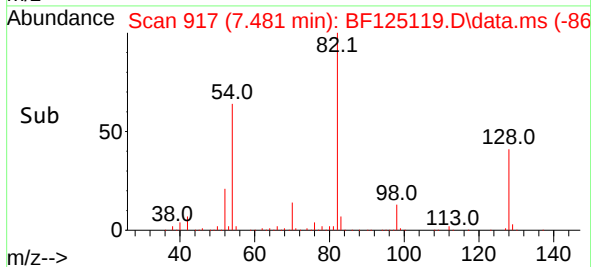
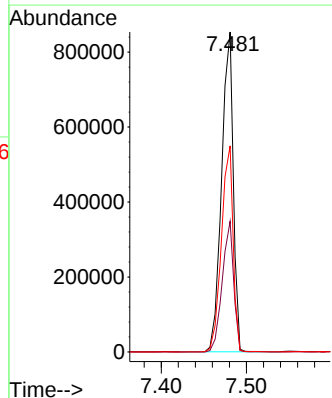
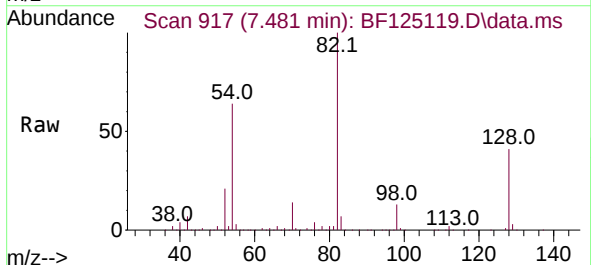
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

Tgt Ion:136	Resp: 639885
Ion Ratio	Lower Upper
136	100
137	11.2 9.8 14.6
54	11.7 6.4 9.6#
68	6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.712 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion: 82	Resp: 809799
Ion Ratio	Lower Upper
82	100
128	40.9 40.6 60.8
54	64.4 49.6 74.4

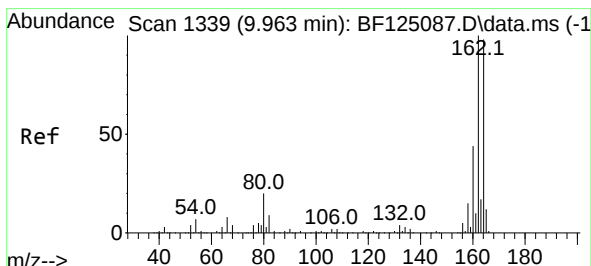
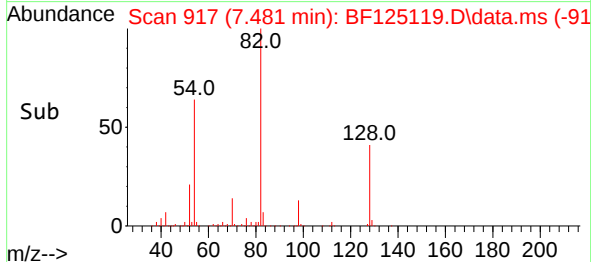
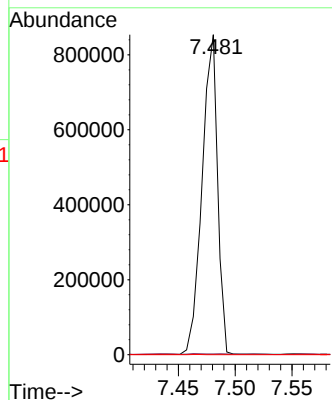
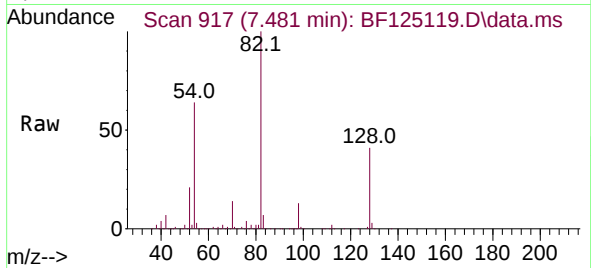




#25
Isophorone
Concen: 32.963 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

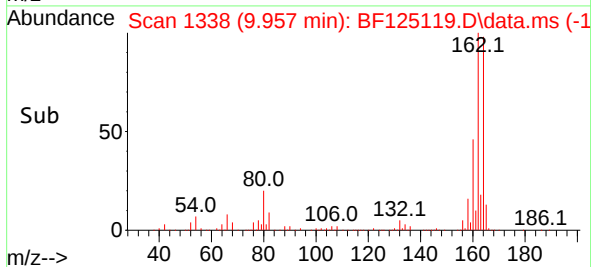
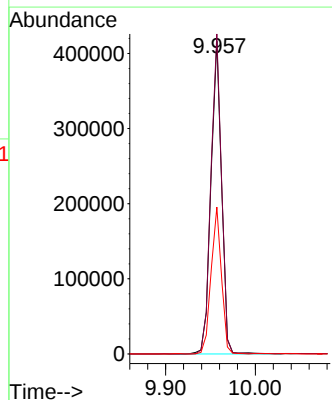
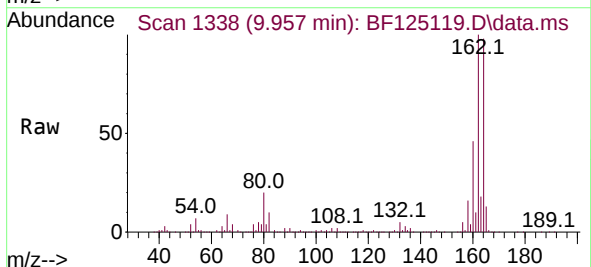
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

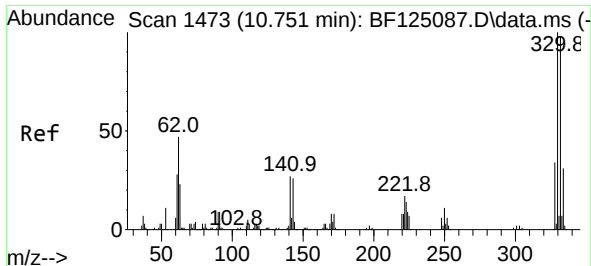
Tgt Ion: 82 Resp: 808238
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion: 164 Resp: 342047
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 47.0 38.0 57.0

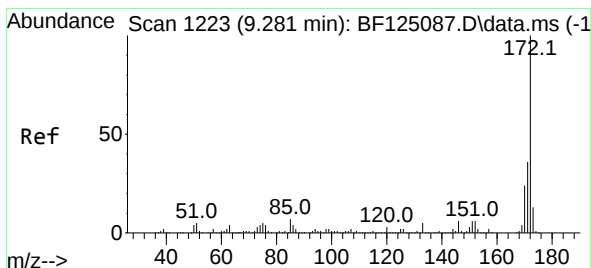
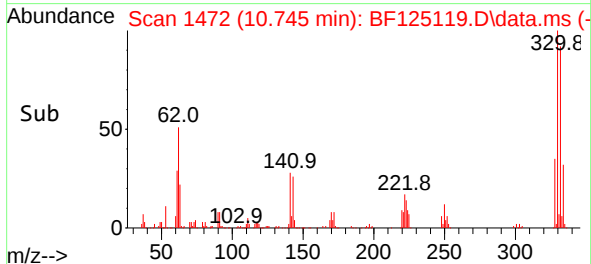
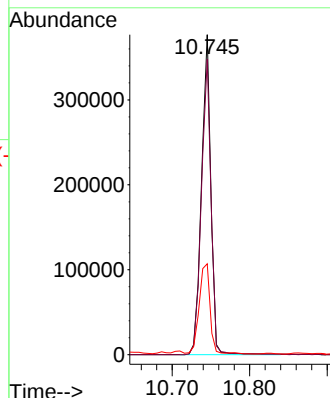
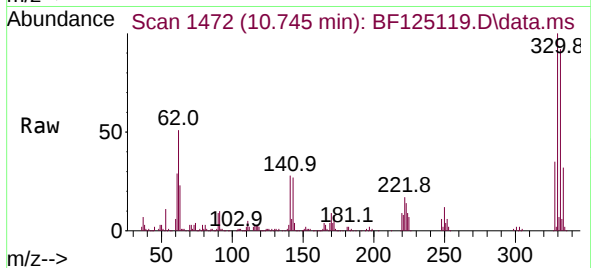




#42
2,4,6-Tribromophenol
Concen: 92.632 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

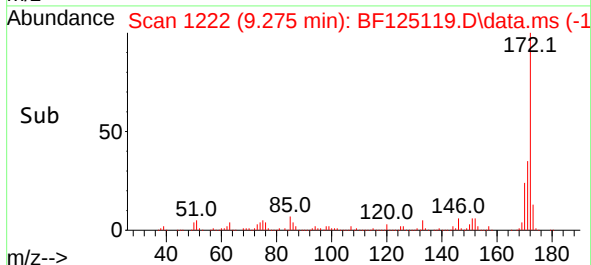
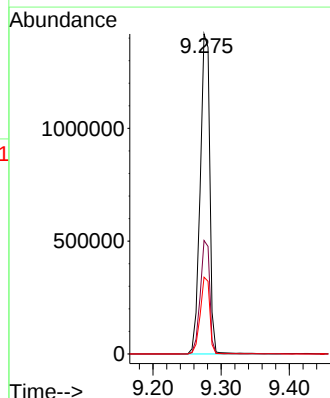
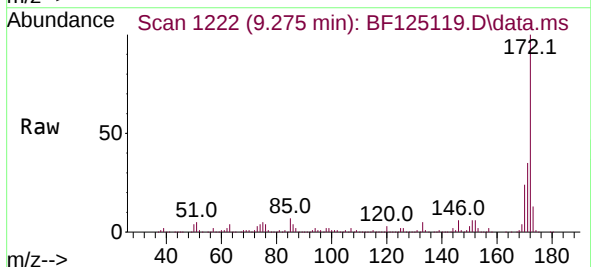
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

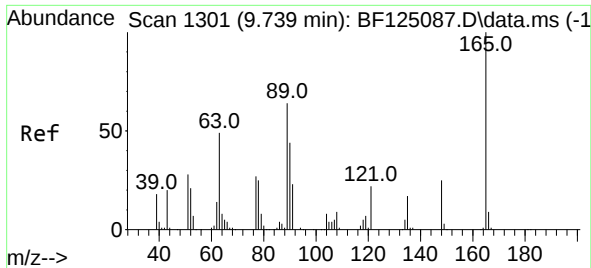
Tgt Ion: 330 Resp: 316281
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 56.627 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion: 172 Resp: 1389734
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.0 18.8 28.2

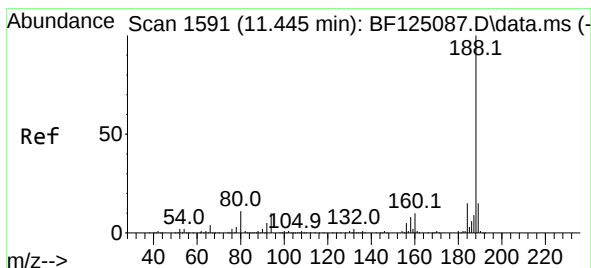
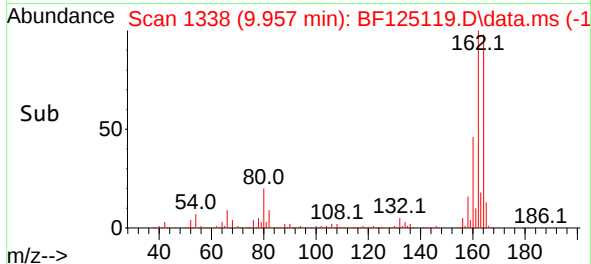
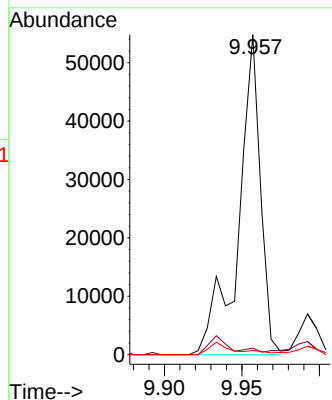
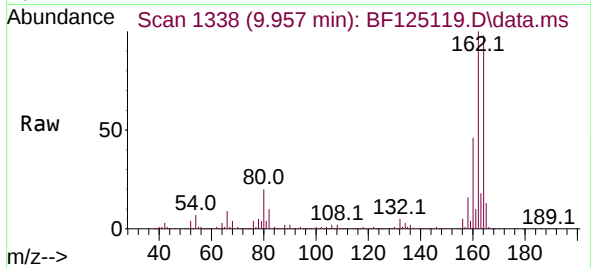




#51
2,6-Dinitrotoluene
Concen: 10.539 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

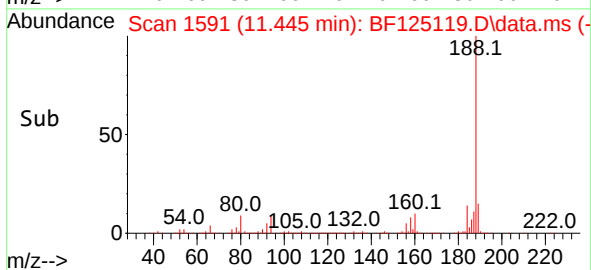
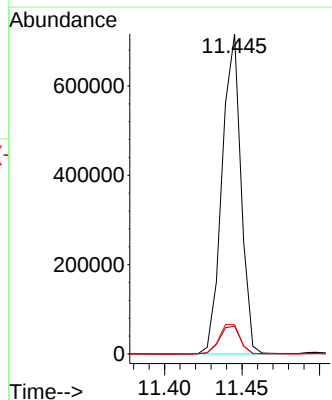
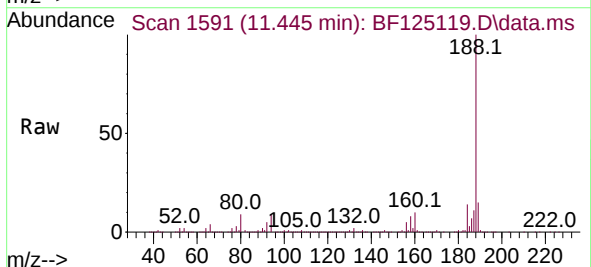
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

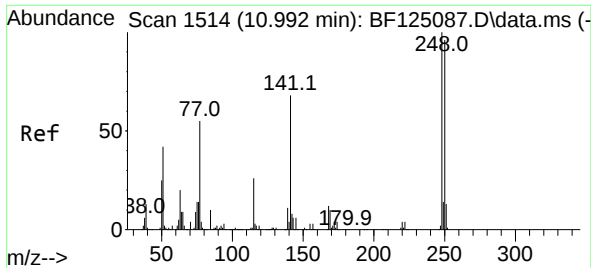
Tgt Ion:165 Resp: 54170
Ion Ratio Lower Upper
165 100
63 2.0 42.6 63.8#
89 1.3 40.6 60.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion:188 Resp: 609205
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.2 7.5 11.3

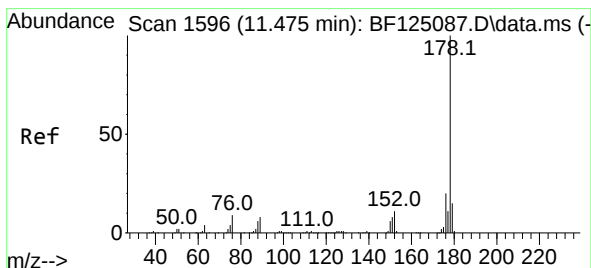
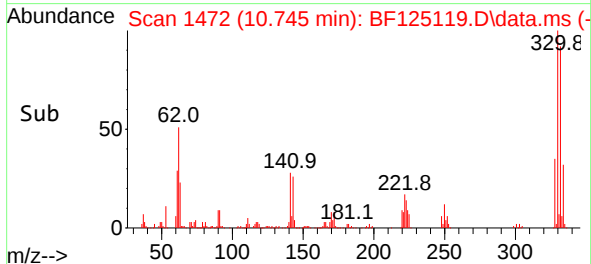
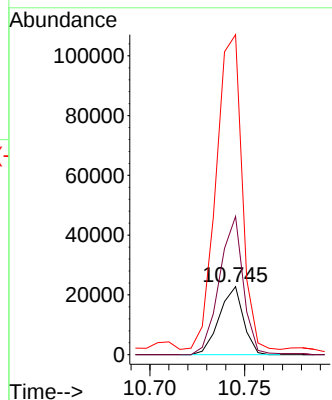
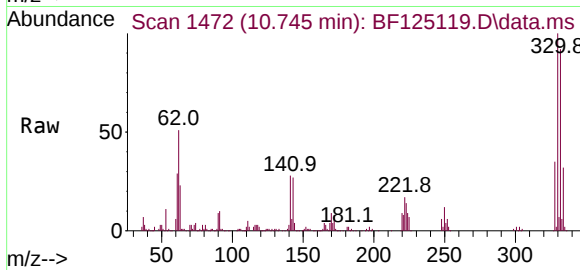




#67
4-Bromophenyl-phenylether
Concen: 2.753 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

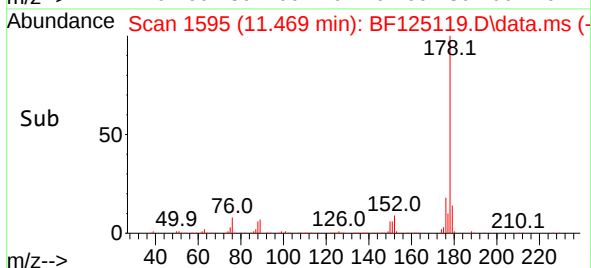
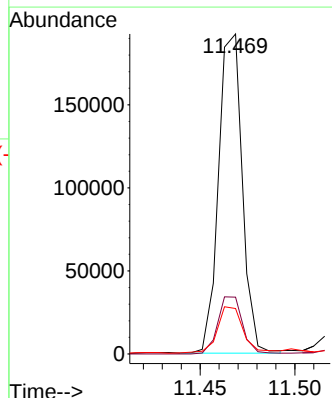
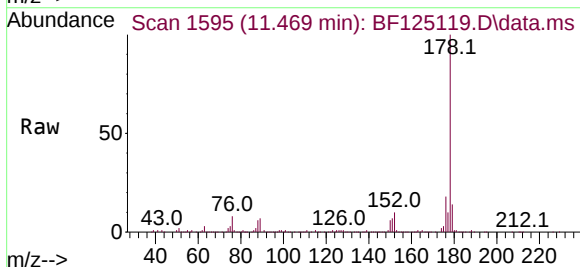
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

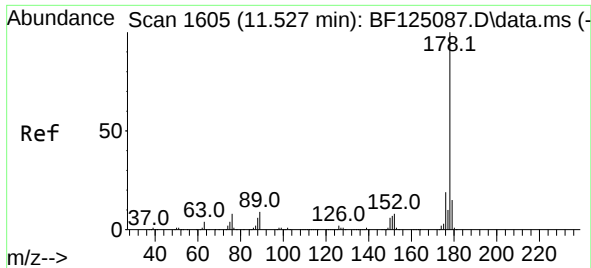
Tgt Ion:248 Resp: 20143
Ion Ratio Lower Upper
248 100
250 203.2 74.2 111.4#
141 470.3 60.4 90.6#



#71
Phenanthrene
Concen: 5.007 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion:178 Resp: 168064
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 14.2 11.5 17.3

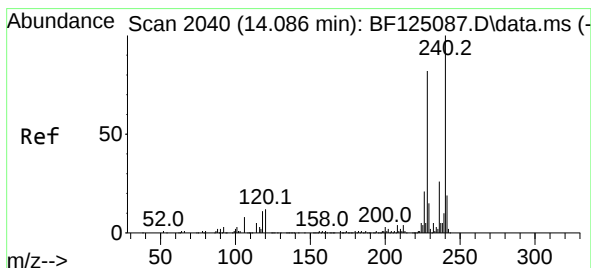
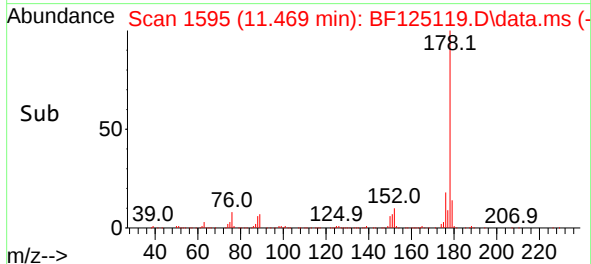
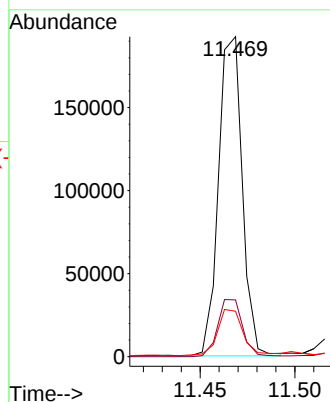
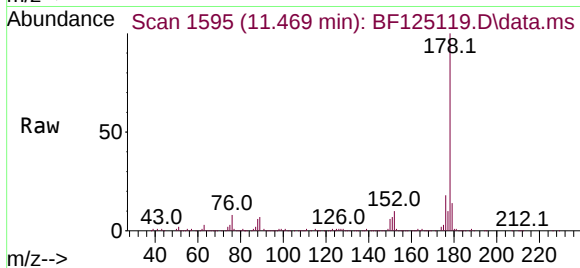




#72
 Anthracene
 Concen: 5.080 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.059 min
 Lab File: BF125119.D
 Acq: 19 Aug 2021 17:45

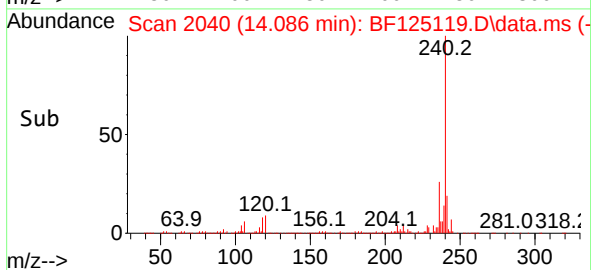
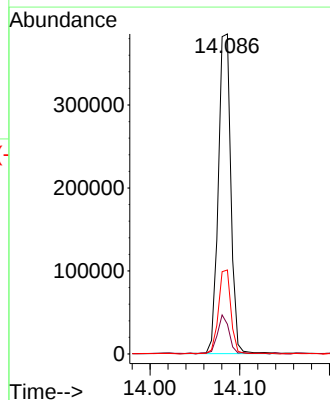
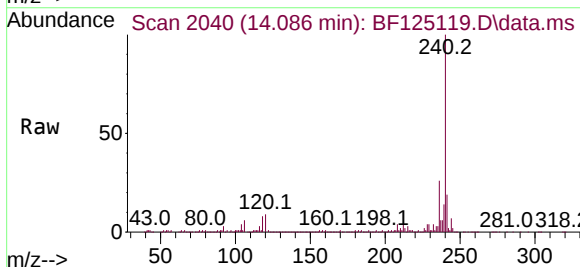
Instrument :
 BNA_F
 ClientSampleId :
 TP-0-5-COMP

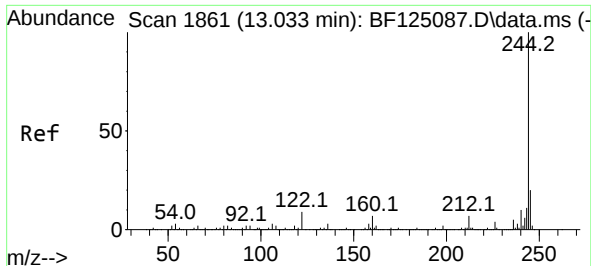
Tgt Ion:178	Resp:	168064
Ion Ratio	Lower	Upper
178	100	
176	17.7	14.3 21.5
179	14.2	12.2 18.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.086 min Scan# 2040
 Delta R.T. 0.000 min
 Lab File: BF125119.D
 Acq: 19 Aug 2021 17:45

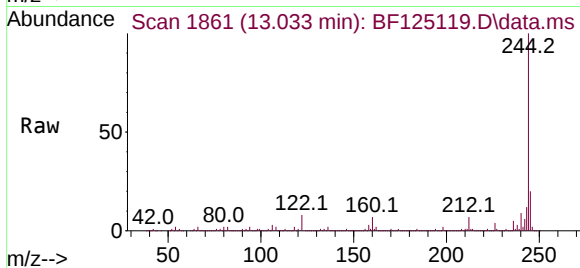
Tgt Ion:240	Resp:	373412
Ion Ratio	Lower	Upper
240	100	
120	9.3	10.8 16.2#
236	26.2	21.6 32.4



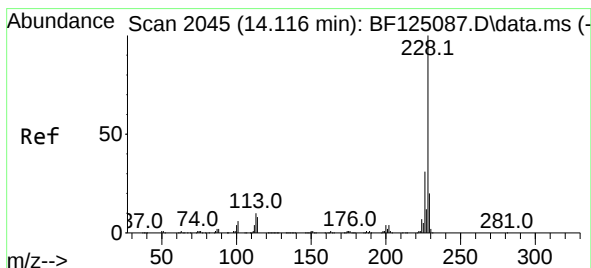
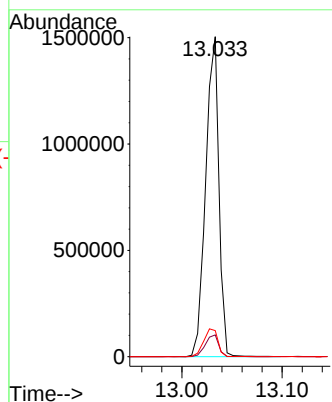
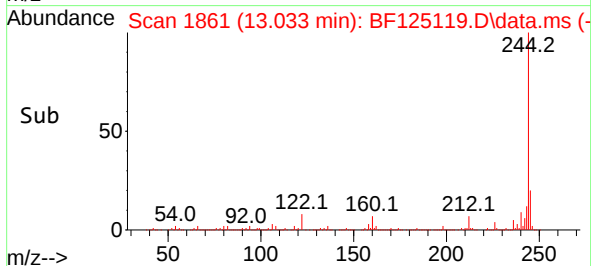


#79
Terphenyl-d14
Concen: 59.020 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

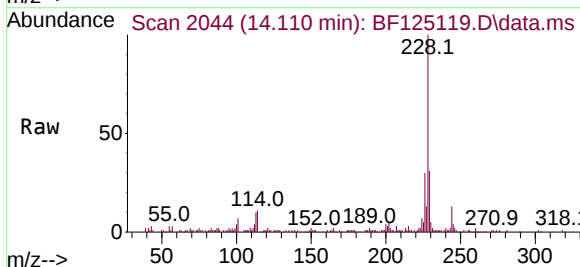
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP



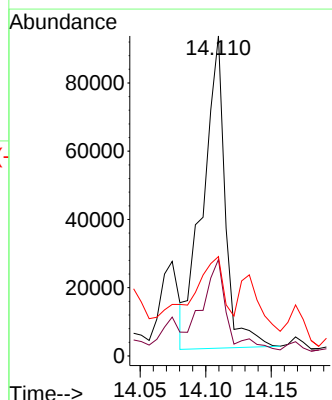
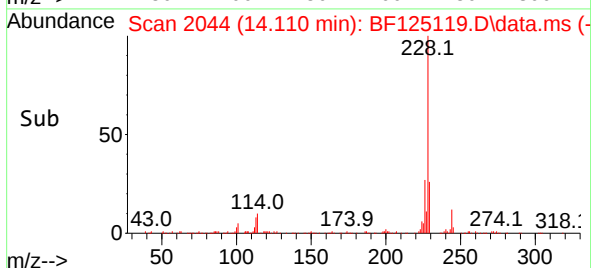
Tgt Ion:244 Resp: 1383405
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.2 9.0 13.4#

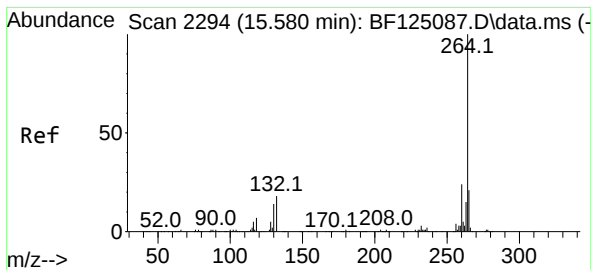


#83
Chrysene
Concen: 4.069 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45



Tgt Ion:228 Resp: 108271
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 31.0 15.9 23.9#

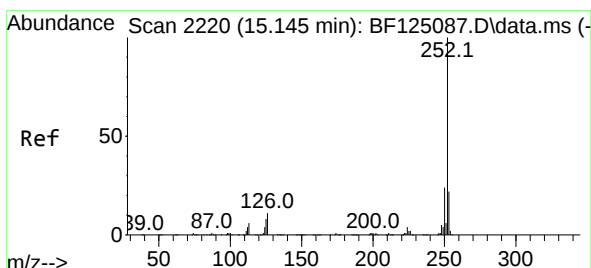
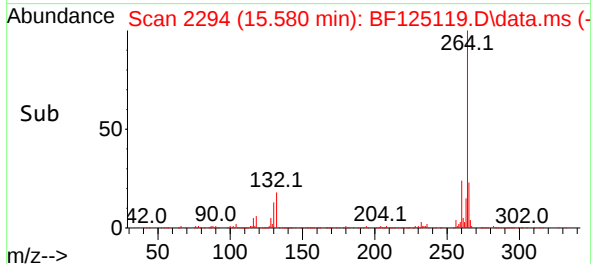
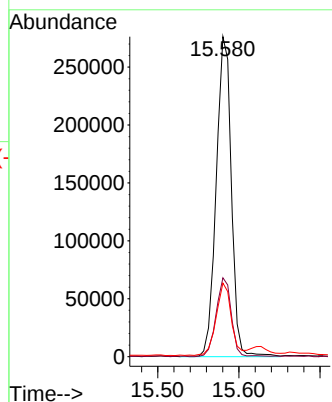
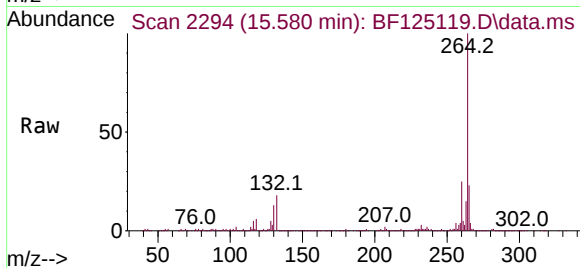




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

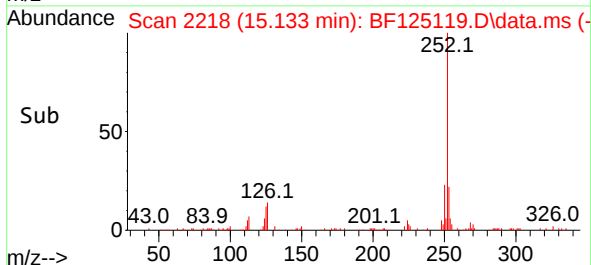
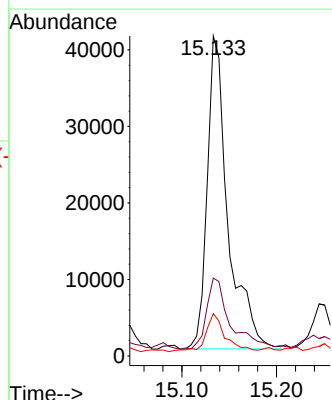
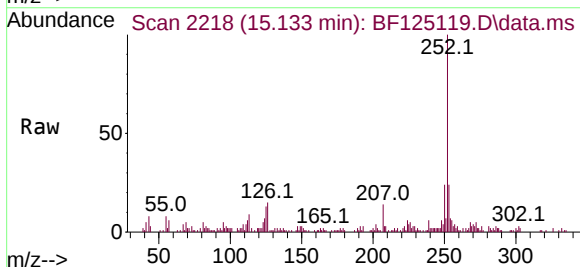
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

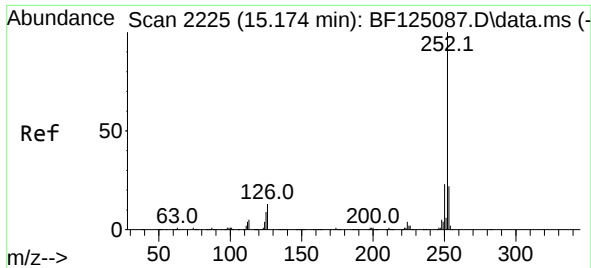
Tgt Ion:264	Resp:	358596
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.6 29.4
265	23.0	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.388 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF125119.D
Acq: 19 Aug 2021 17:45

Tgt Ion:252	Resp:	62565
Ion Ratio	Lower	Upper
252	100	
253	24.3	16.8 25.2
125	13.3	9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 2.559 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.041 min

Lab File: BF125119.D

Acq: 19 Aug 2021 17:45

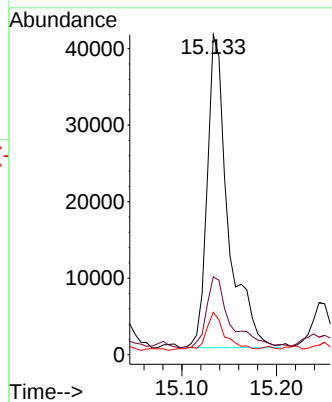
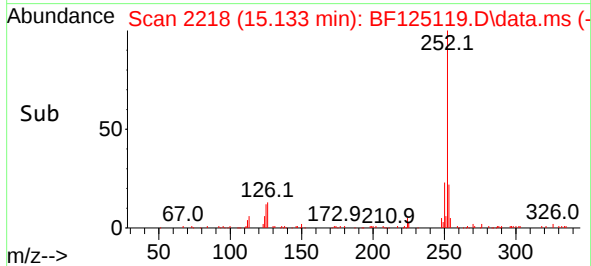
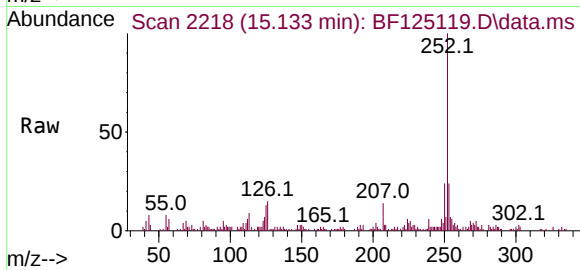
Tgt Ion:252 Resp: 62565

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 13.3 7.2 10.8#



Instrument :

BNA_F

ClientSampleId :

TP-0-5-COMP