

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125947.D
 Acq On : 26 Oct 2021 22:15
 Operator : JU/CG
 Sample : M4348-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 358

Quant Time: Oct 27 09:04:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

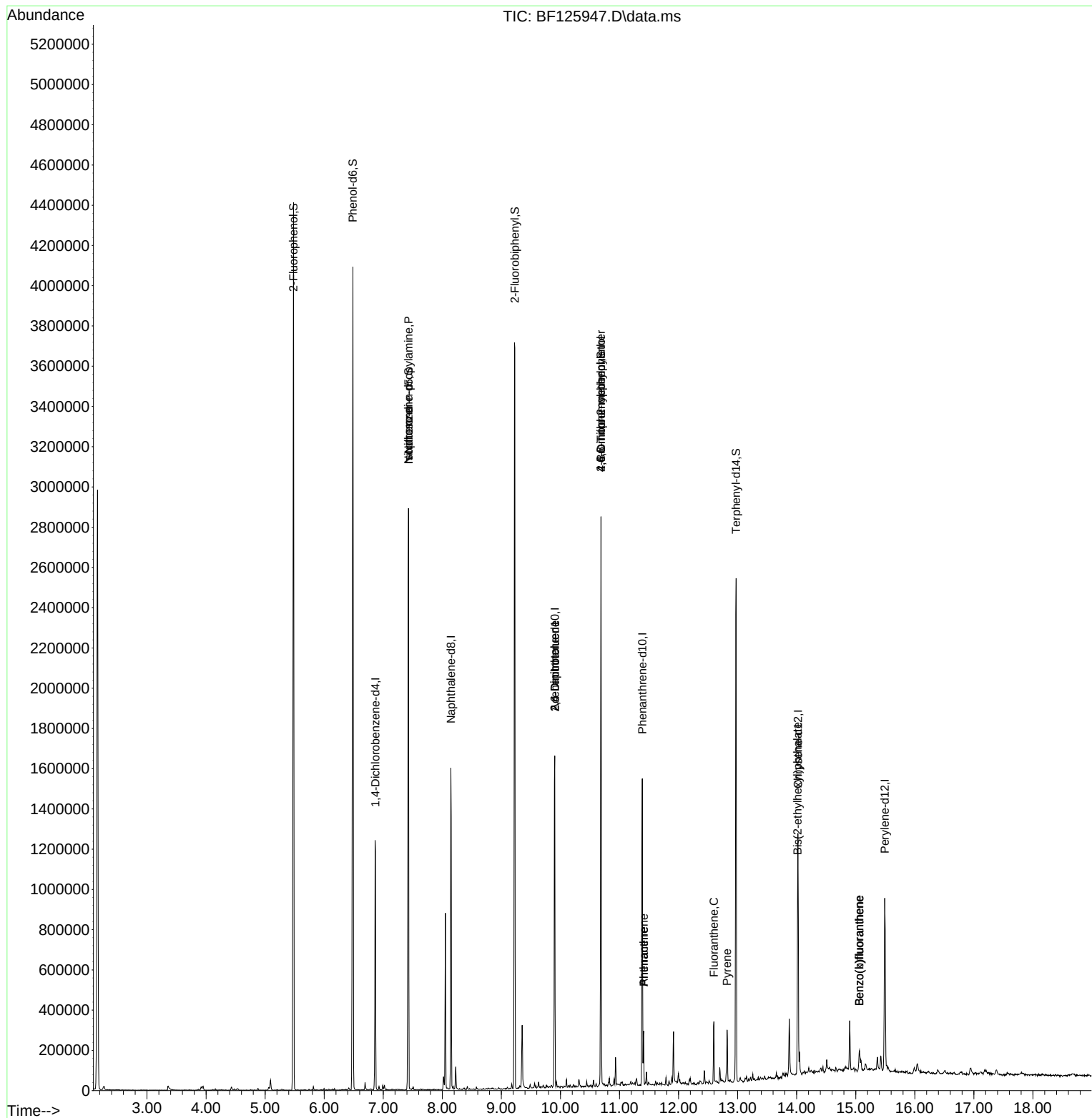
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	163167	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	638561	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	337225	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	530270	20.000	ng	0.00
76) Chrysene-d12	14.021	240	329069	20.000	ng	-0.01
86) Perylene-d12	15.492	264	374548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1009081	92.117	ng	0.00
7) Phenol-d6	6.486	99	1278390	85.086	ng	0.00
23) Nitrobenzene-d5	7.428	82	834705	67.520	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	254798	86.674	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1164424	61.063	ng	0.00
79) Terphenyl-d14	12.974	244	849004	42.202	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	116262	13.544	ng	# 67
25) Isophorone	7.428	82	834658	35.453	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	42709	10.366	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	42709	8.439	ng	# 20
58) Fluorene	10.445	166	6154	Below Cal		99
65) 4,6-Dinitro-2-methylph...	10.686	198	580	6.283	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	18161	3.206	ng	# 1
71) Phenanthrene	11.410	178	95497	3.471	ng	98
72) Anthracene	11.410	178	95497	3.476	ng	98
75) Fluoranthene	12.598	202	122024	4.399	ng	98
78) Pyrene	12.821	202	98414	3.214	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	54938	5.091	ng	94
88) Benzo(b)fluoranthene	15.062	252	70460	2.850	ng	99
89) Benzo(k)fluoranthene	15.062	252	70460	2.967	ng	# 95

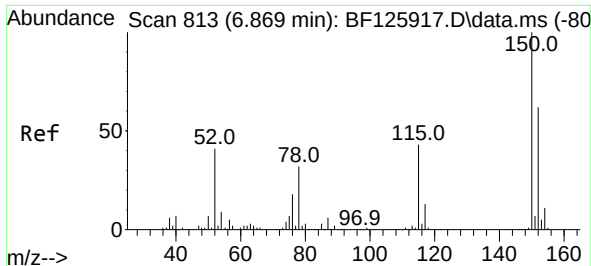
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125947.D
Acq On : 26 Oct 2021 22:15
Operator : JU/CG
Sample : M4348-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
358

Quant Time: Oct 27 09:04:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

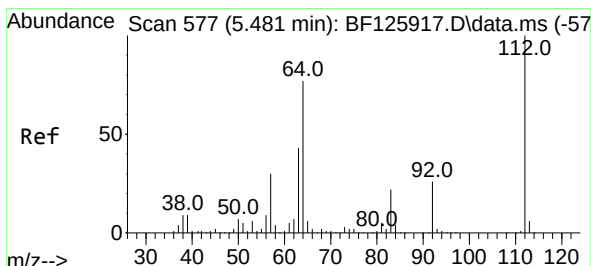
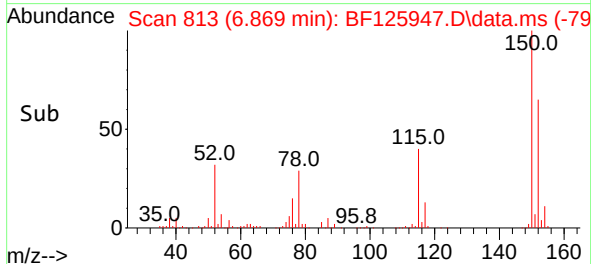
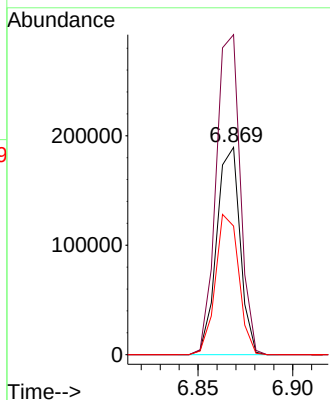
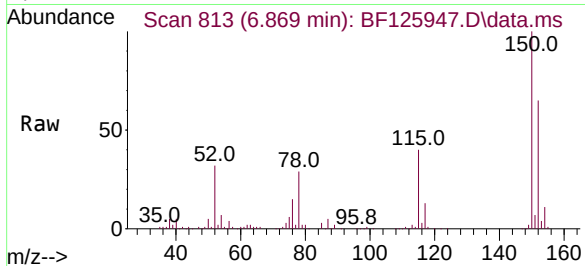




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

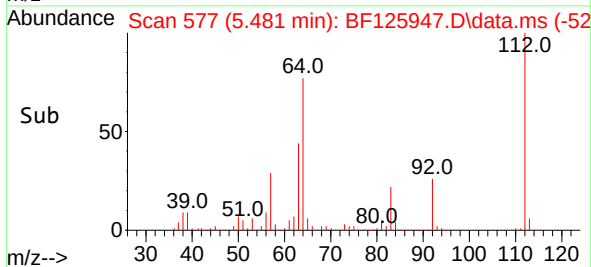
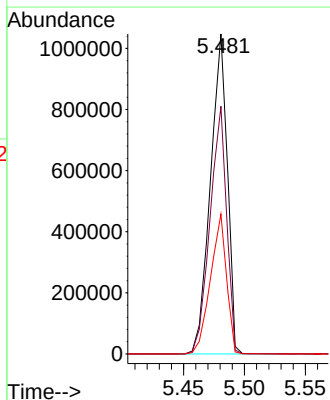
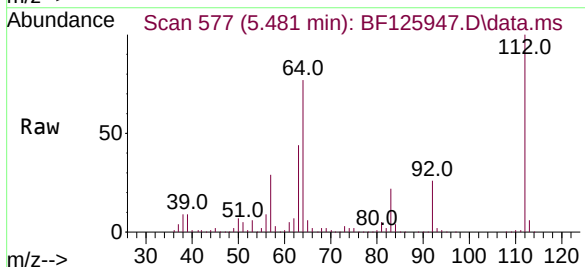
Instrument :
BNA_F
ClientSampleId :
358

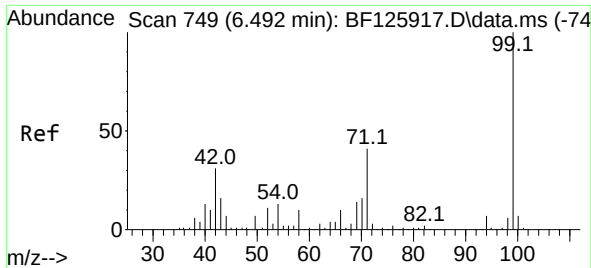
Tgt Ion:152 Resp: 163167
Ion Ratio Lower Upper
152 100
150 154.3 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 92.117 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:112 Resp: 1009081
Ion Ratio Lower Upper
112 100
64 77.4 44.2 66.2#
63 43.7 26.2 39.2#

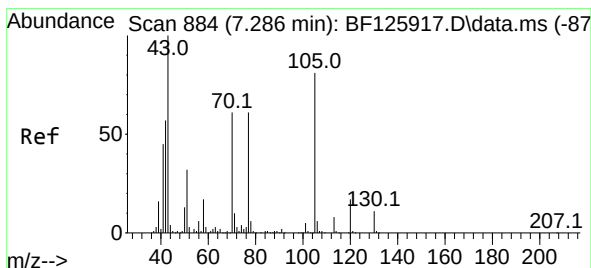
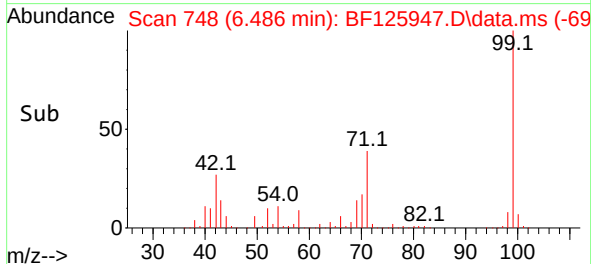
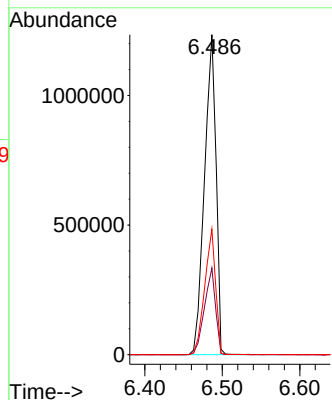
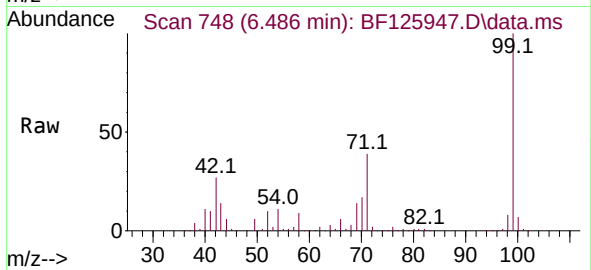




#7
Phenol-d6
Concen: 85.086 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

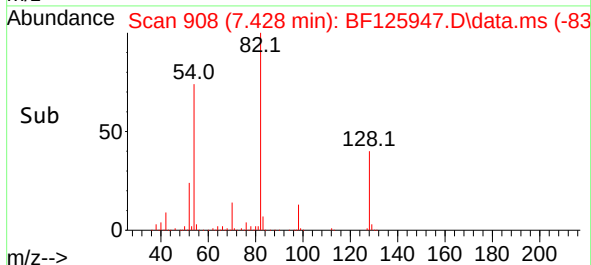
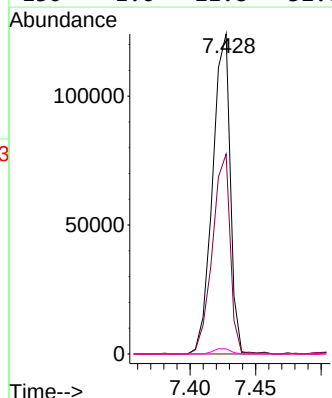
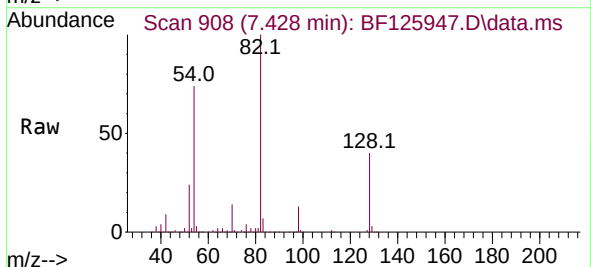
Instrument :
BNA_F
ClientSampleId :
358

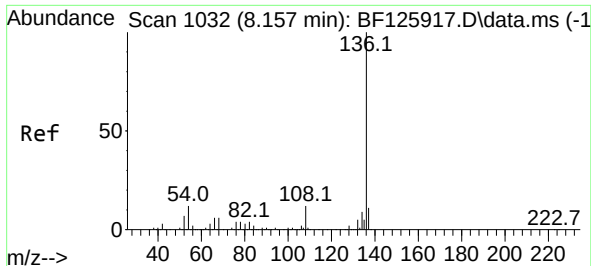
Tgt Ion: 99 Resp: 1278390
Ion Ratio Lower Upper
99 100
42 27.1 23.5 35.3
71 39.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.544 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

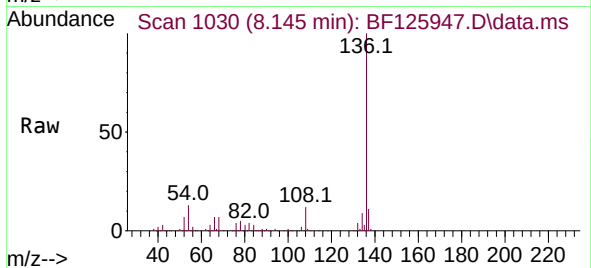
Tgt Ion: 70 Resp: 116262
Ion Ratio Lower Upper
70 100
42 62.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



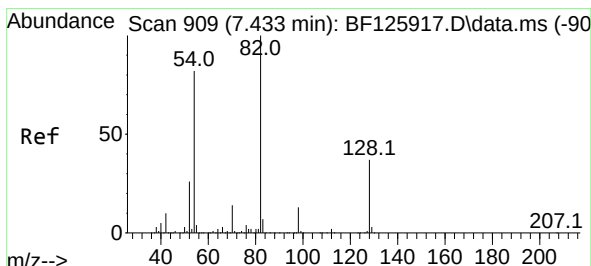
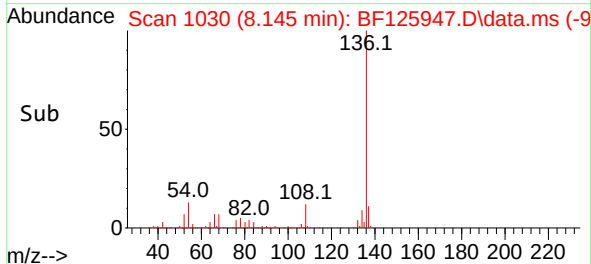
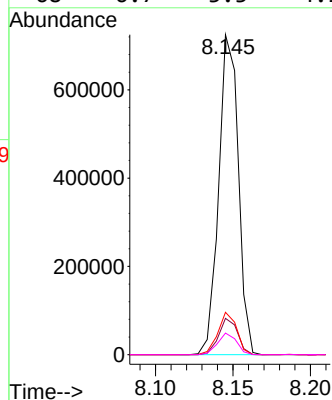


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Instrument :
BNA_F
ClientSampleId :
358

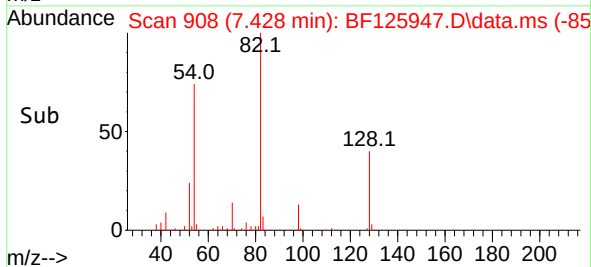
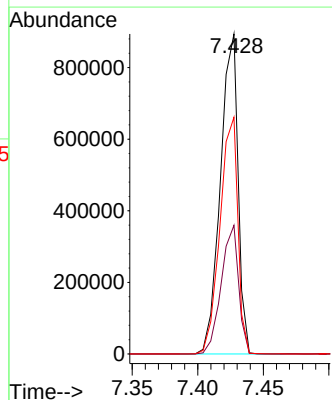
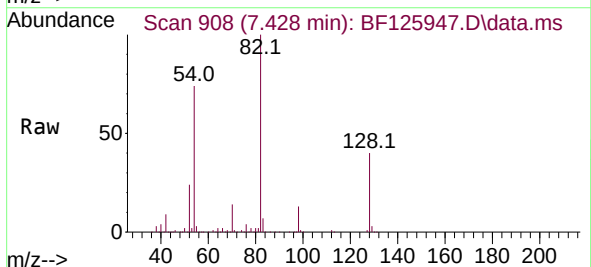


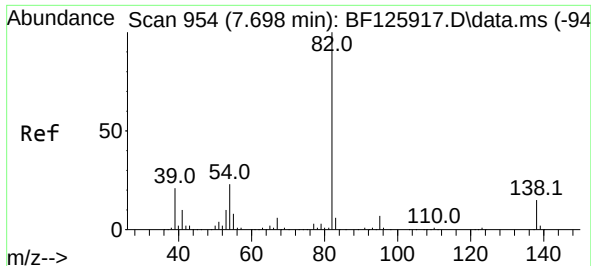
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	13.2	6.4	9.6#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 67.520 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	40.6	60.8#
54	74.0	49.6	74.4

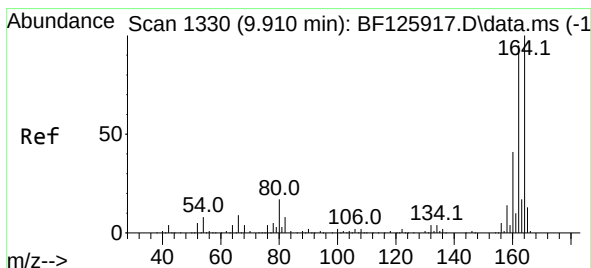
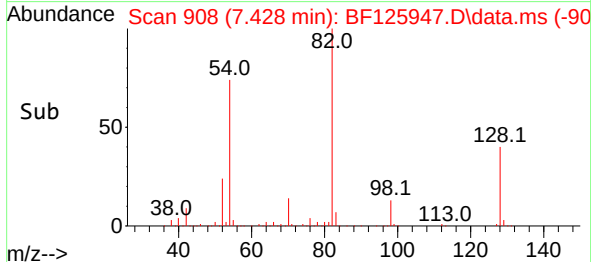
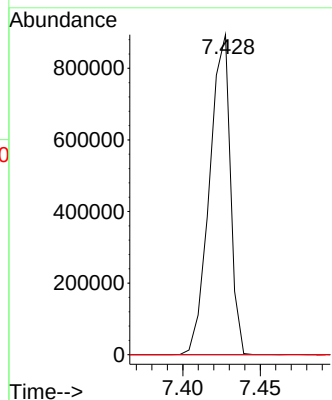
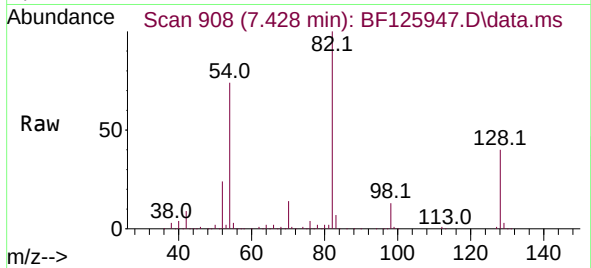




#25
Isophorone
Concen: 35.453 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

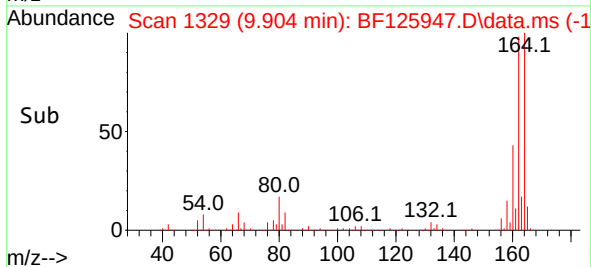
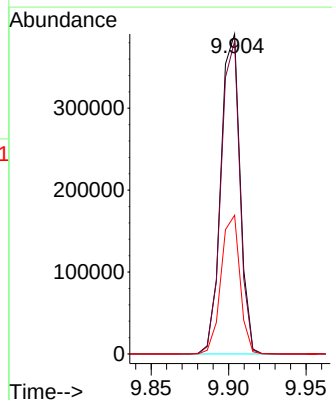
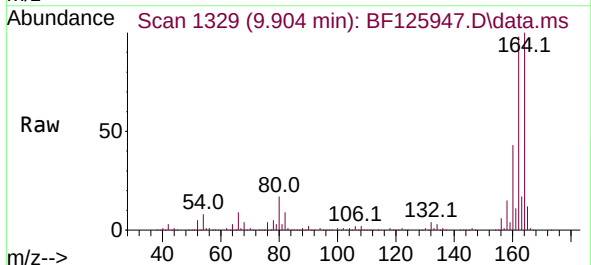
Instrument :
BNA_F
ClientSampleId :
358

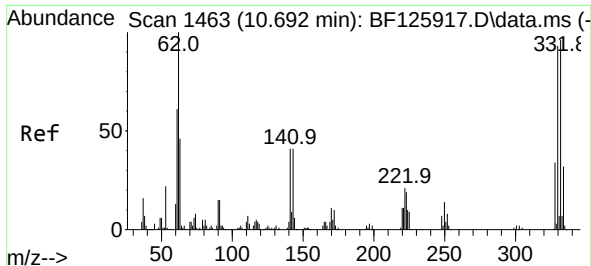
Tgt Ion: 82 Resp: 834658
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

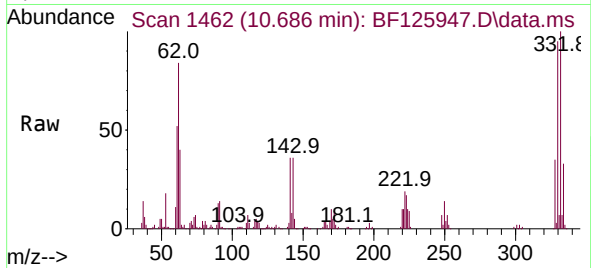
Tgt Ion: 164 Resp: 337225
Ion Ratio Lower Upper
164 100
162 97.8 81.3 121.9
160 43.4 38.0 57.0



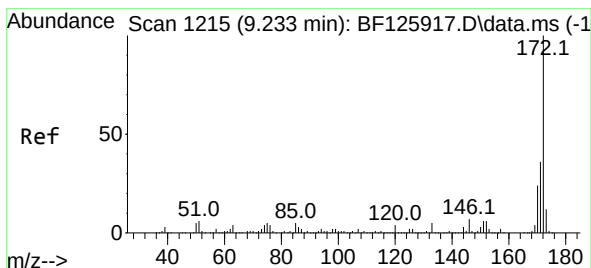
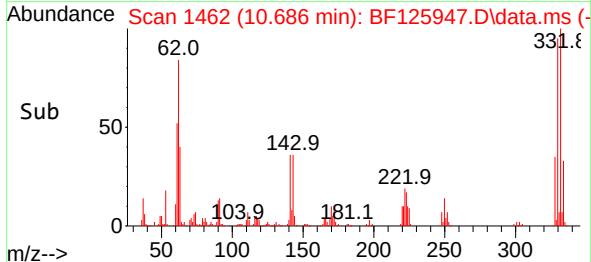
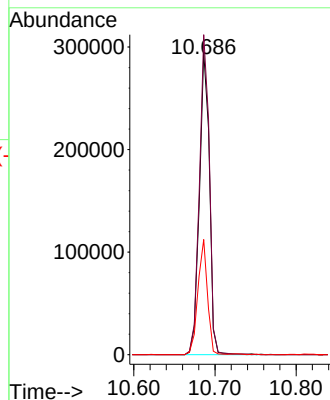


#42
2,4,6-Tribromophenol
Concen: 86.674 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Instrument :
BNA_F
ClientSampleId :
358

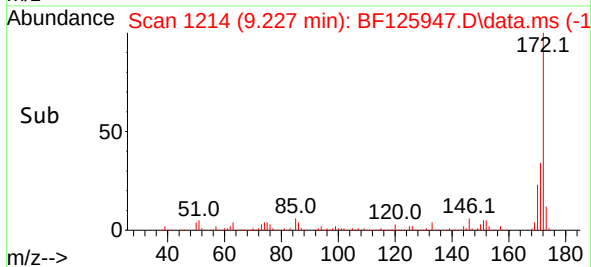
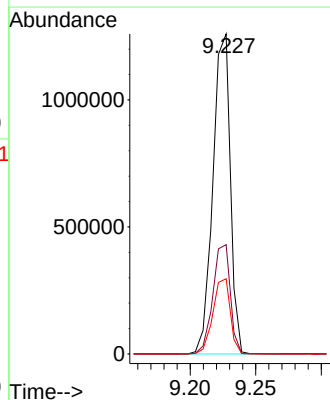
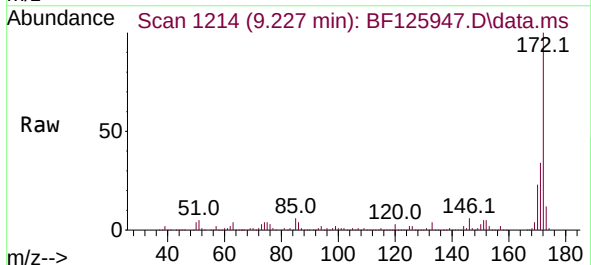


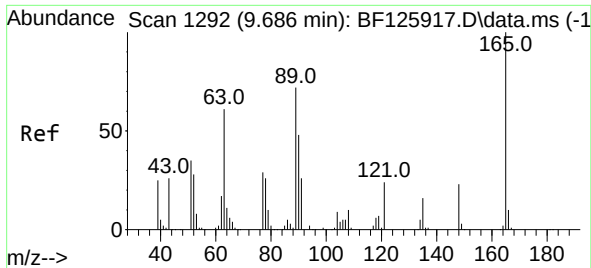
Tgt Ion:330 Resp: 254798
Ion Ratio Lower Upper
330 100
332 105.8 76.2 114.4
141 36.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.063 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:172 Resp: 1164424
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.5 18.8 28.2

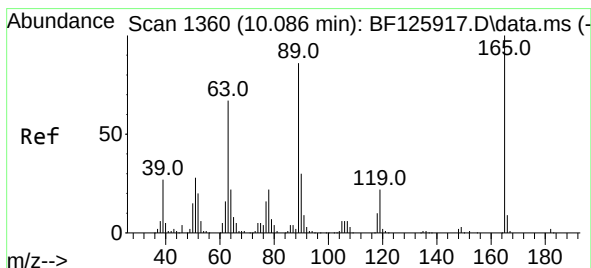
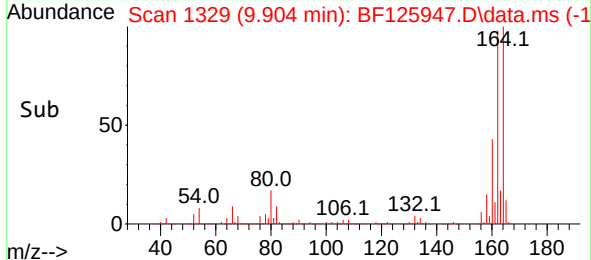
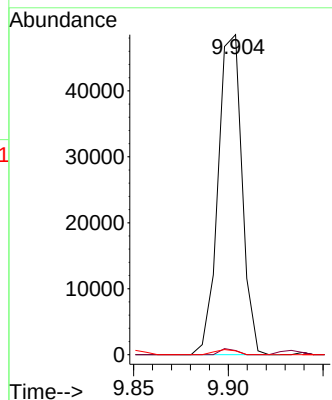
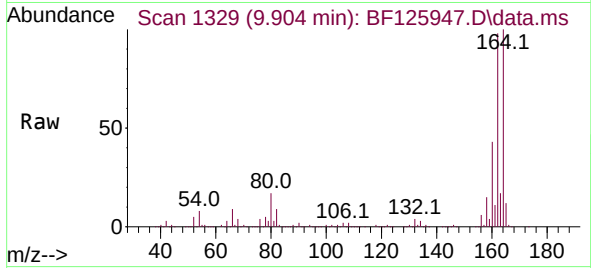




#51
2,6-Dinitrotoluene
Concen: 10.366 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

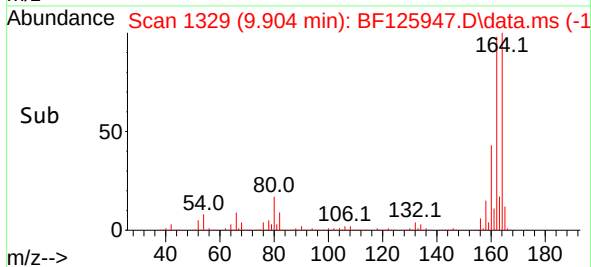
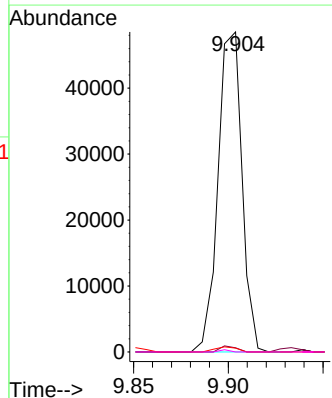
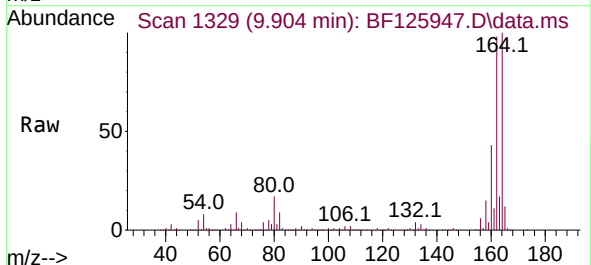
Instrument :
BNA_F
ClientSampleId :
358

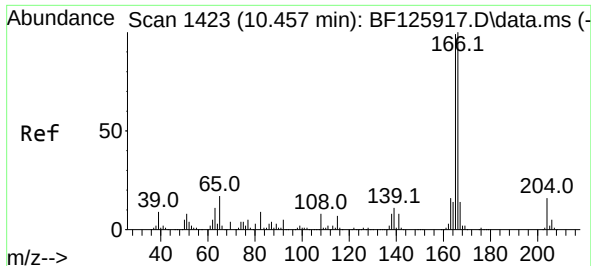
Tgt Ion:165 Resp: 42709
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.439 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:165 Resp: 42709
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

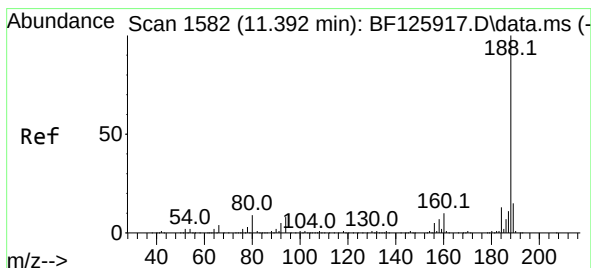
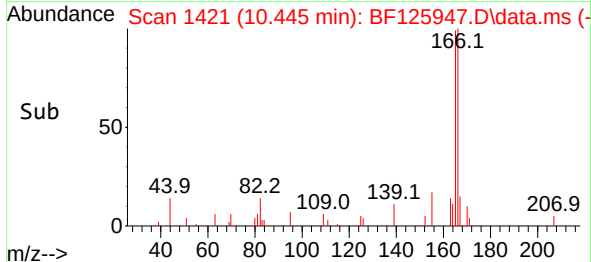
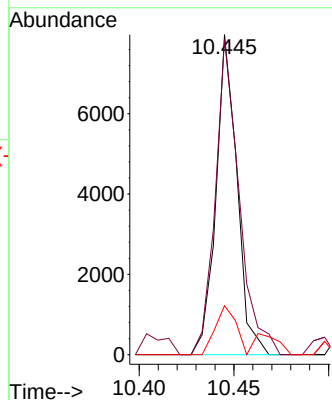
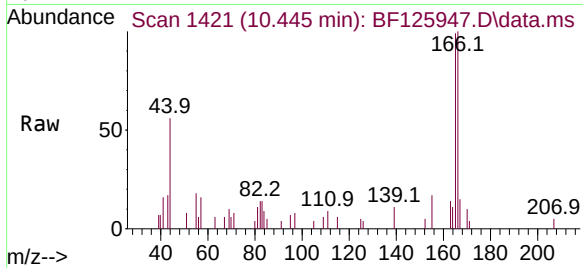




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

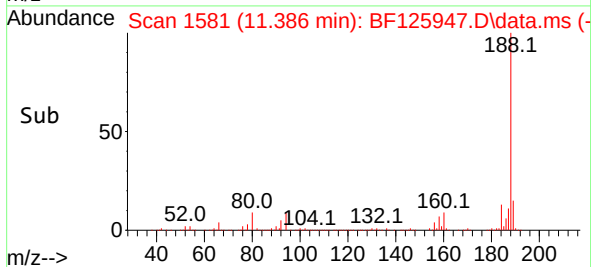
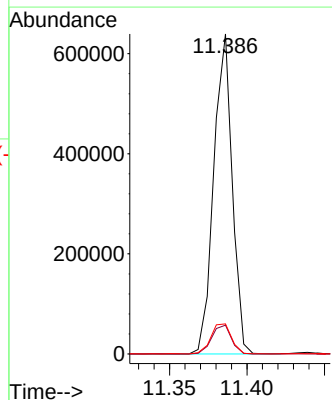
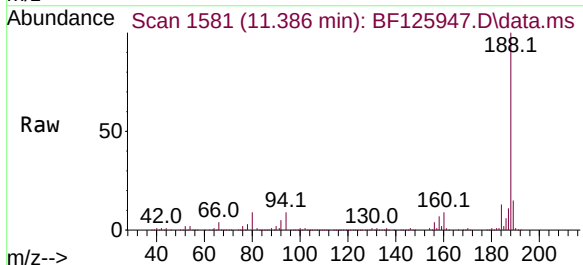
Instrument :
BNA_F
ClientSampleId :
358

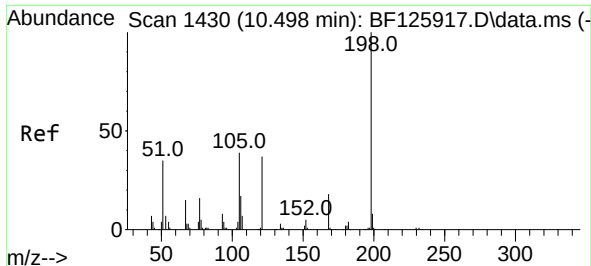
Tgt Ion:166 Resp: 6154
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 15.3 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:188 Resp: 530270
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.4 7.5 11.3

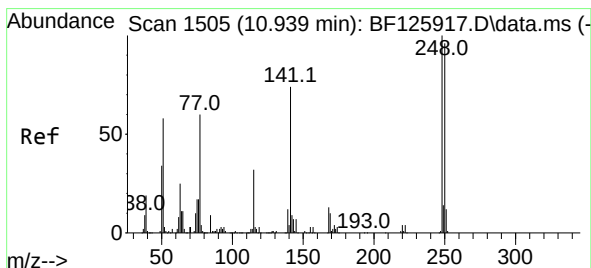
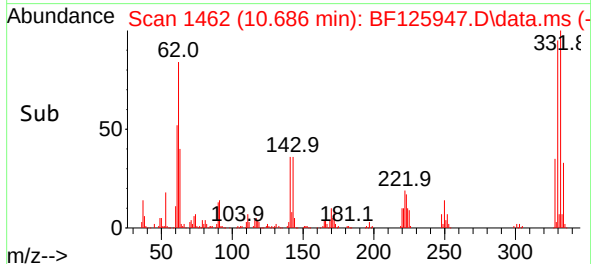
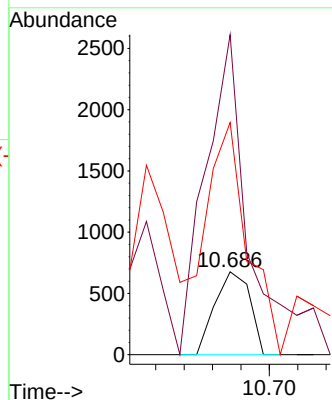
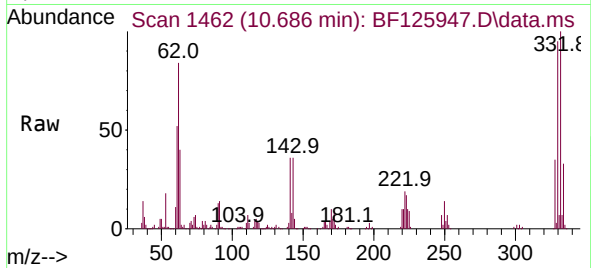




#65
4,6-Dinitro-2-methylphenol
Concen: 6.283 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

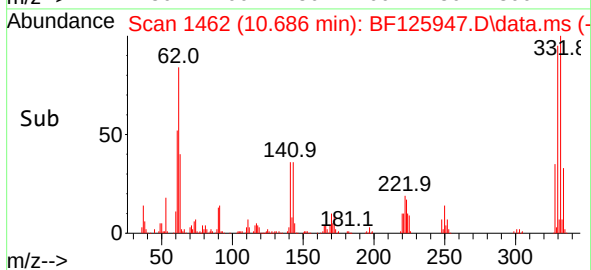
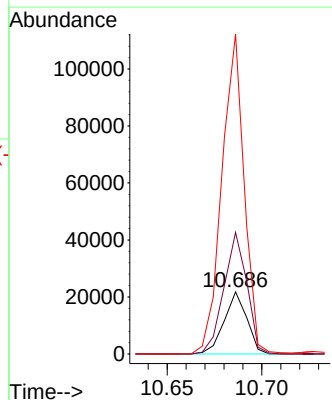
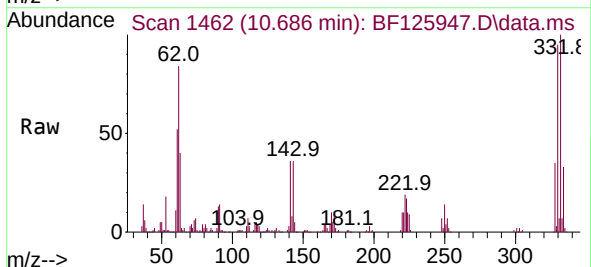
Instrument :
BNA_F
ClientSampleId :
358

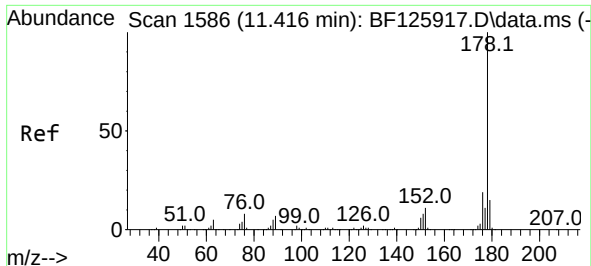
Tgt Ion:198 Resp: 580
Ion Ratio Lower Upper
198 100
51 385.8 45.3 85.3#
105 279.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.206 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:248 Resp: 18161
Ion Ratio Lower Upper
248 100
250 196.0 74.2 111.4#
141 515.9 60.4 90.6#

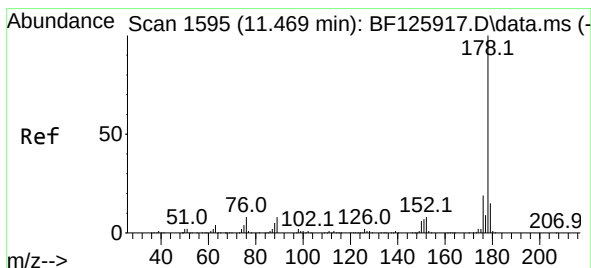
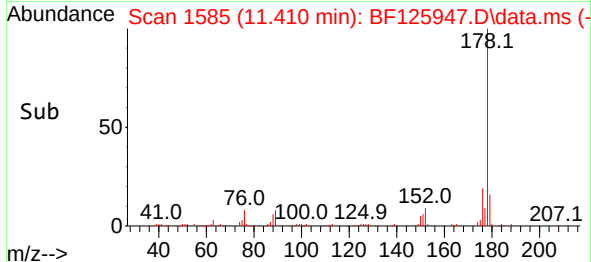
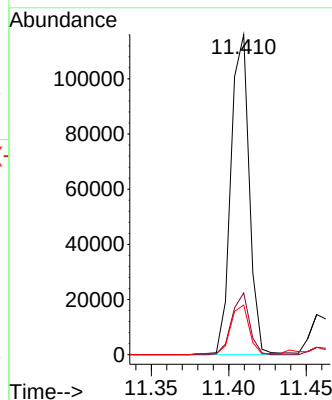
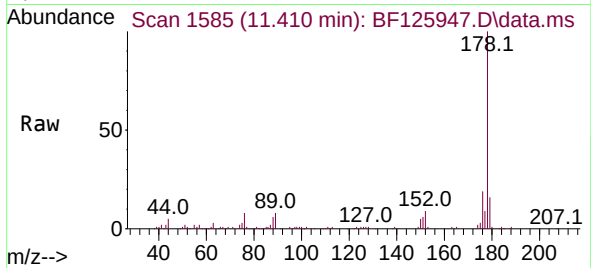




#71
Phenanthrene
Concen: 3.471 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

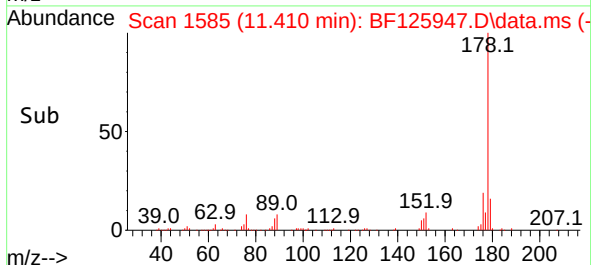
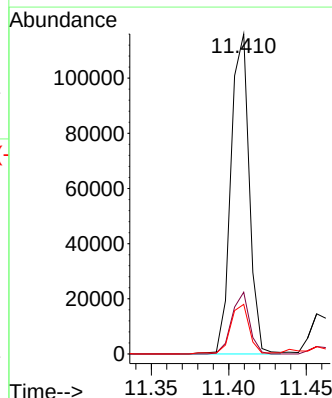
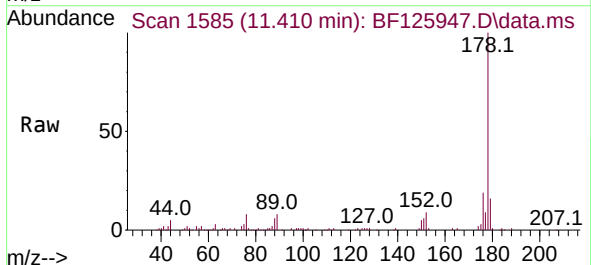
Instrument :
BNA_F
ClientSampled :
358

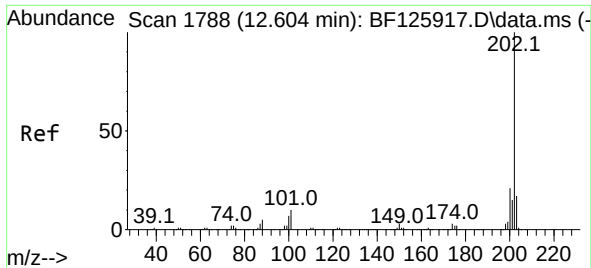
Tgt Ion:178 Resp: 95497
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.5 11.5 17.3



#72
Anthracene
Concen: 3.476 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.059 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:178 Resp: 95497
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.5 12.2 18.4

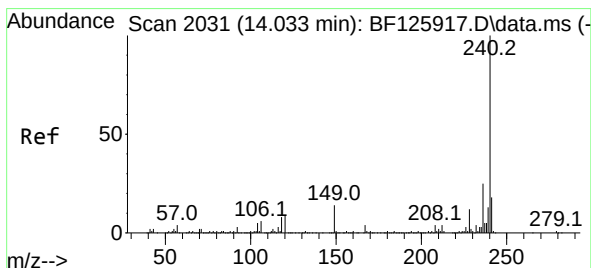
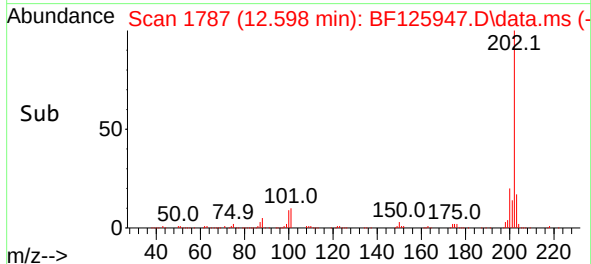
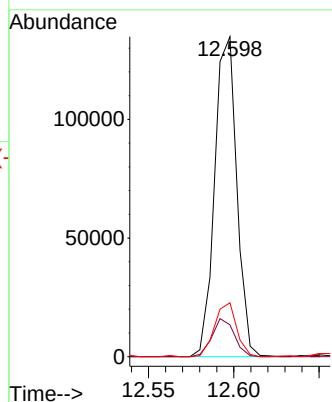
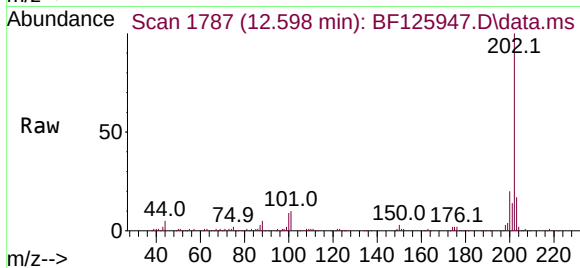




#75
Fluoranthene
Concen: 4.399 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

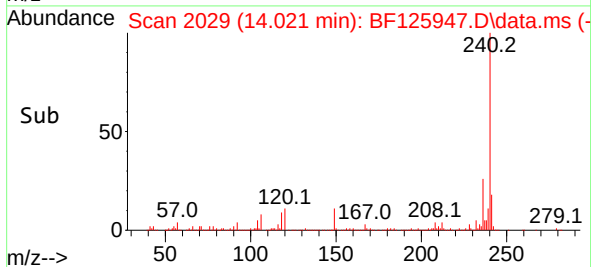
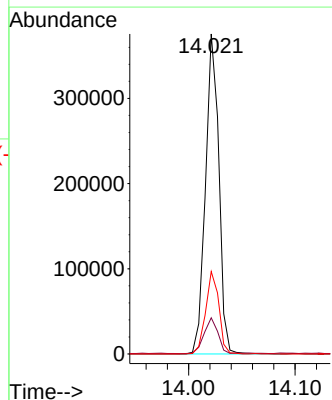
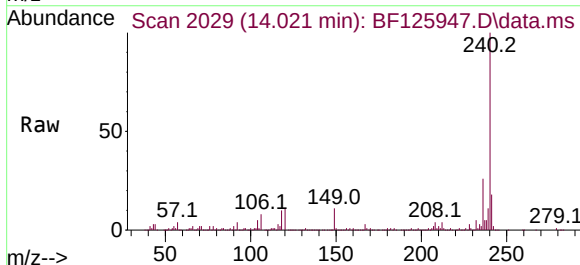
Instrument :
BNA_F
ClientSampleId :
358

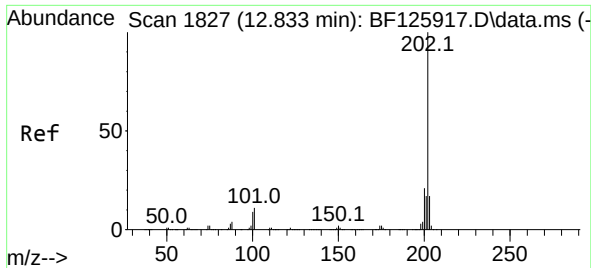
Tgt Ion:	202	Resp:	122024
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.7
203	16.8	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:	240	Resp:	329069
Ion Ratio	Lower	Upper	
240	100		
120	11.3	10.8	16.2
236	25.7	21.6	32.4

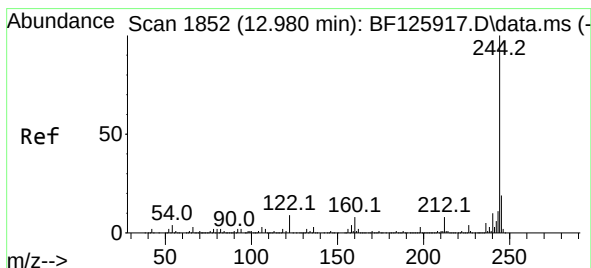
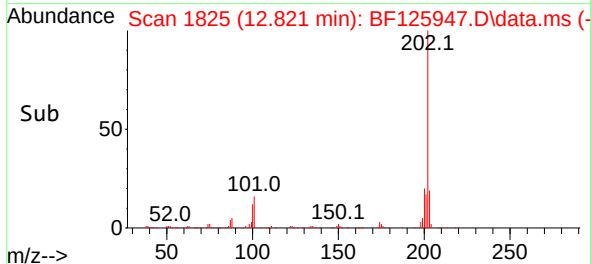
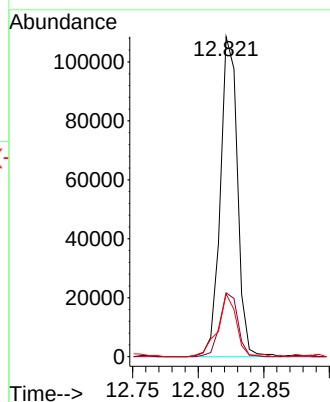
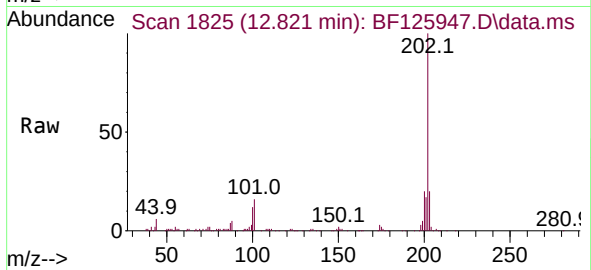




#78
Pyrene
Concen: 3.214 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

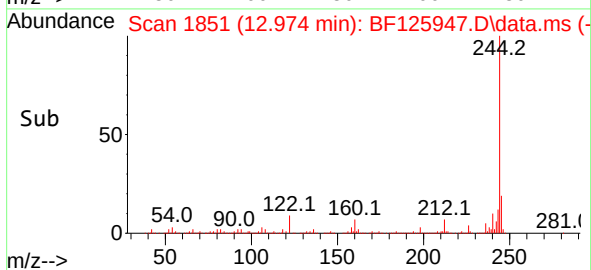
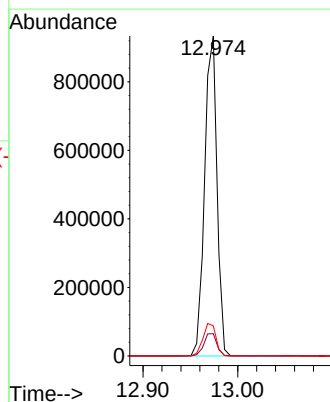
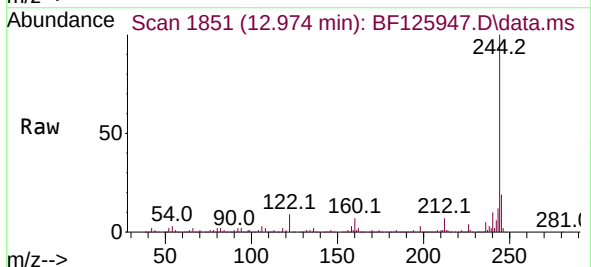
Instrument :
BNA_F
ClientSampled :
358

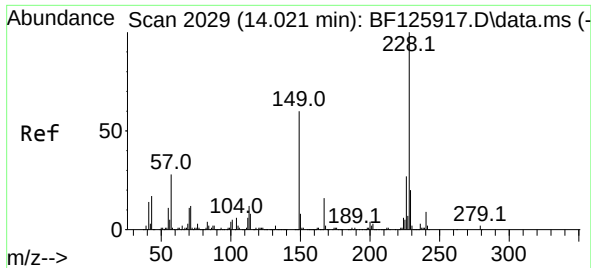
Tgt Ion:202	Resp:	98414
Ion Ratio	Lower	Upper
202	100	
200	20.0	15.3 22.9
203	19.6	13.4 20.0



#79
Terphenyl-d14
Concen: 42.202 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:244	Resp:	849004
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	9.4	9.0 13.4

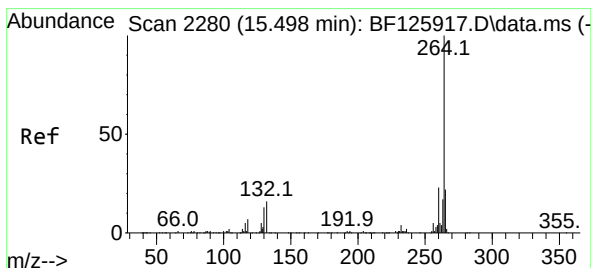
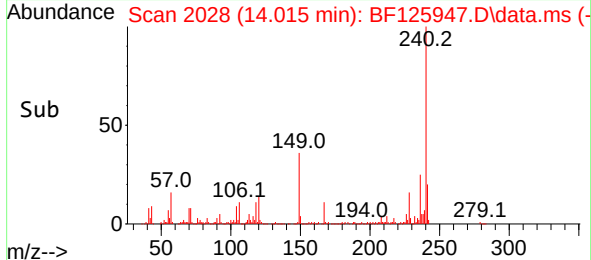
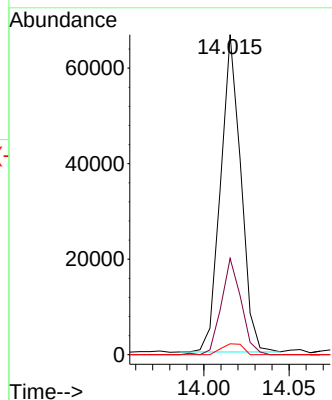
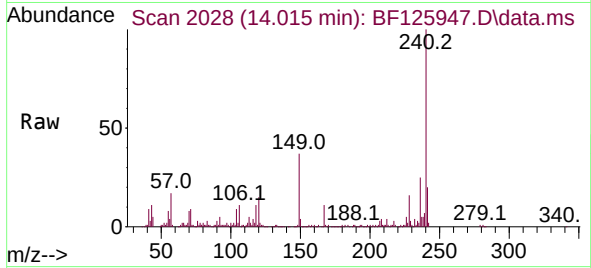




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.091 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

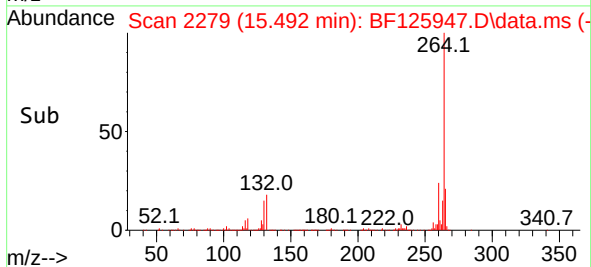
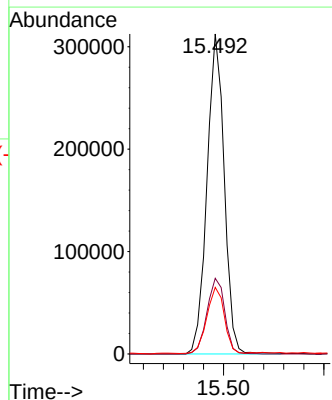
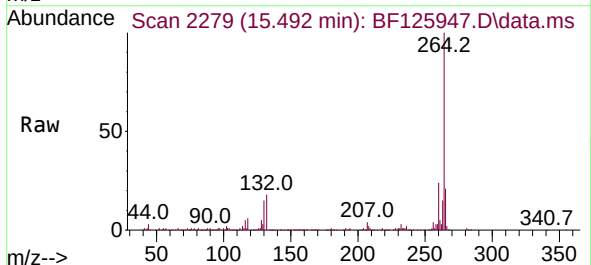
Instrument :
BNA_F
ClientSampleId :
358

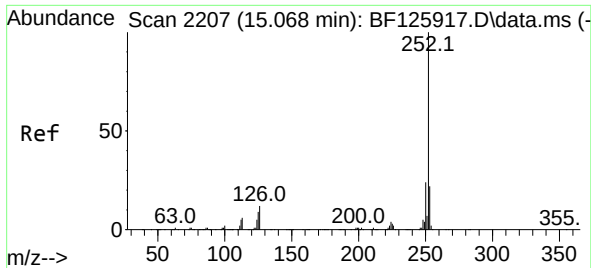
Tgt Ion:149 Resp: 54938
Ion Ratio Lower Upper
149 100
167 30.1 21.4 32.0
279 3.4 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:264 Resp: 374548
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.8 17.2 25.8

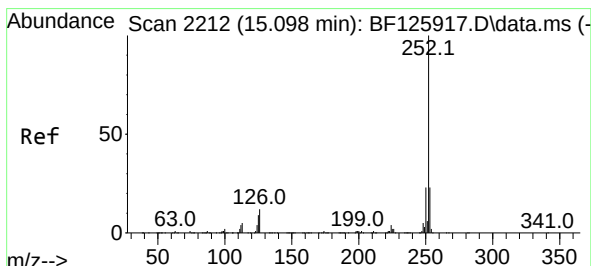
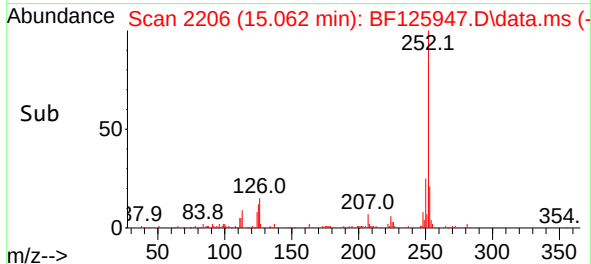
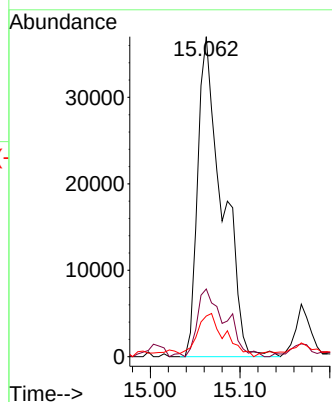
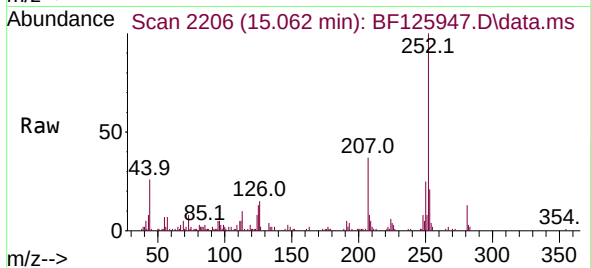




#88
Benzo(b)fluoranthene
Concen: 2.850 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Instrument :
BNA_F
ClientSampleId :
358

Tgt Ion:252 Resp: 70460
Ion Ratio Lower Upper
252 100
253 21.1 16.8 25.2
125 12.7 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 2.967 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF125947.D
Acq: 26 Oct 2021 22:15

Tgt Ion:252 Resp: 70460
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 12.7 7.2 10.8#

