

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125942.D
 Acq On : 26 Oct 2021 19:34
 Operator : JU/CG
 Sample : M4340-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-EED

Quant Time: Oct 27 09:03:44 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)

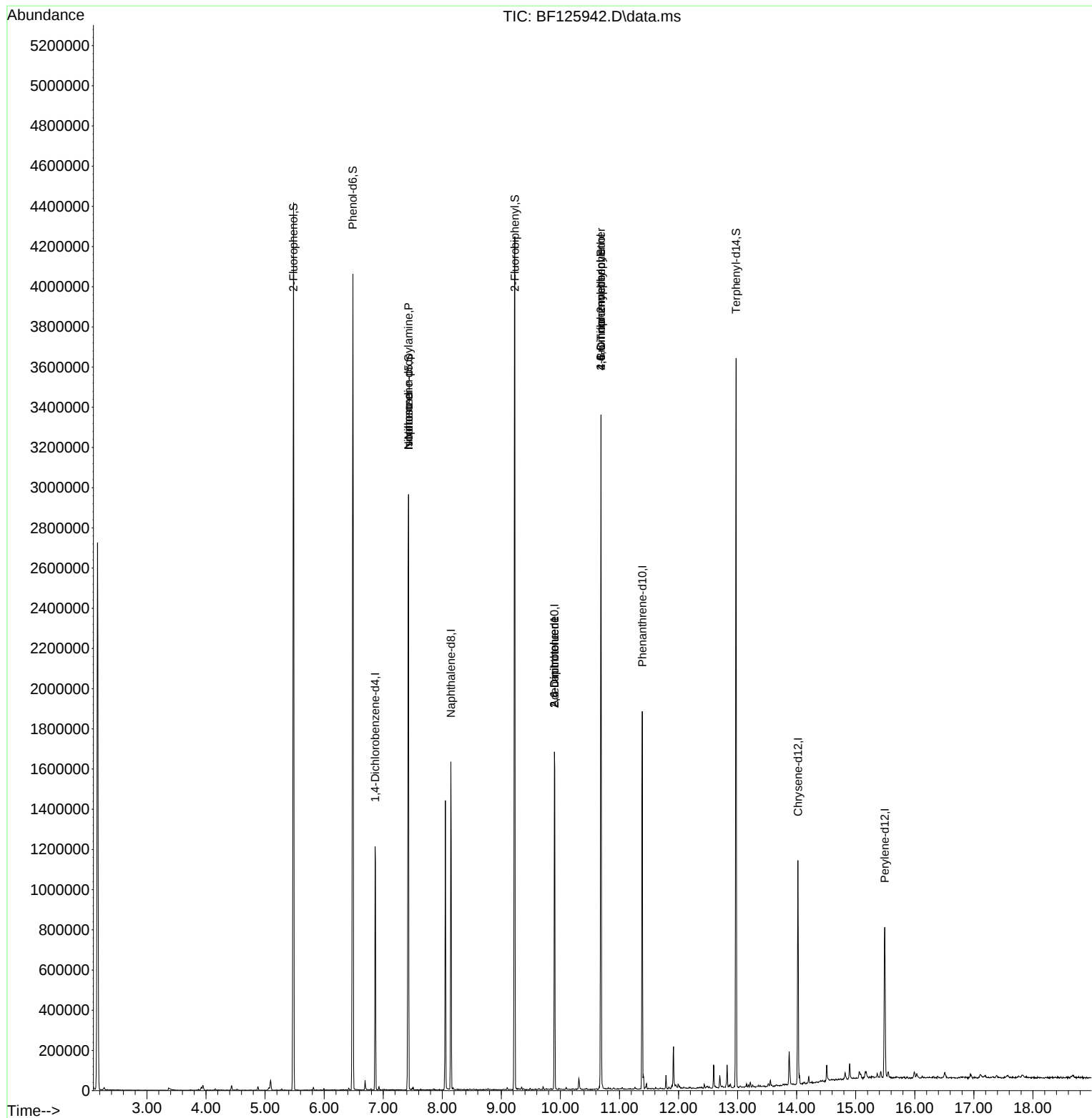
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	160294	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	639502	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	355375	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	632255	20.000	ng	0.00
76) Chrysene-d12	14.022	240	337892	20.000	ng	-0.01
86) Perylene-d12	15.492	264	332129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1032468	95.942	ng	0.00
7) Phenol-d6	6.487	99	1315418	89.119	ng	0.00
23) Nitrobenzene-d5	7.428	82	887651	71.697	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	313954	101.342	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1345532	66.957	ng	0.00
79) Terphenyl-d14	12.975	244	1129818	54.694	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	122676	14.547	ng	# 65
25) Isophorone	7.428	82	887148	37.627	ng	# 59
51) 2,6-Dinitrotoluene	9.898	165	46482	10.705	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	46482	8.716	ng	# 20
58) Fluorene	10.445	166	1533	Below Cal		# 88
65) 4,6-Dinitro-2-methylph...	10.686	198	891	6.346	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	20466	3.030	ng	# 1

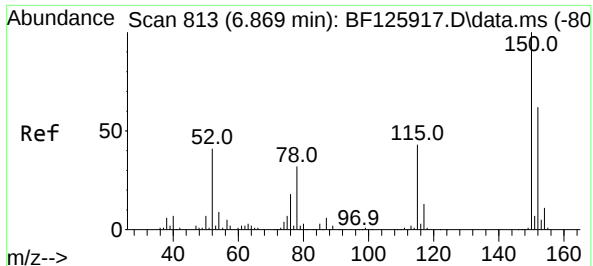
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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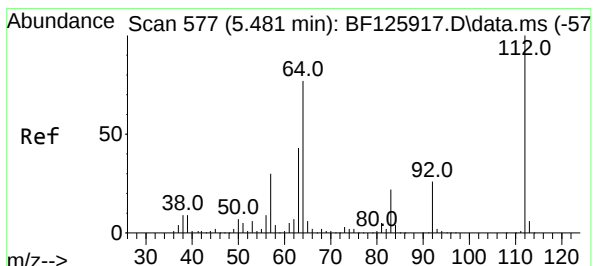
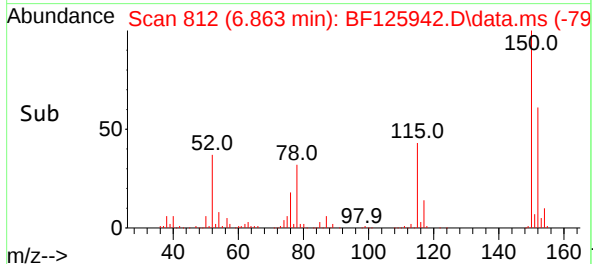
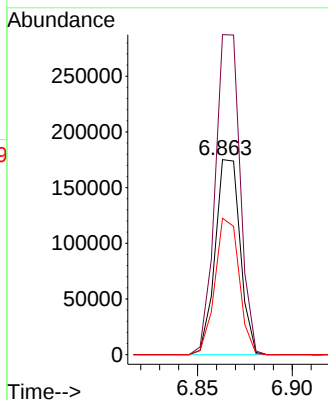
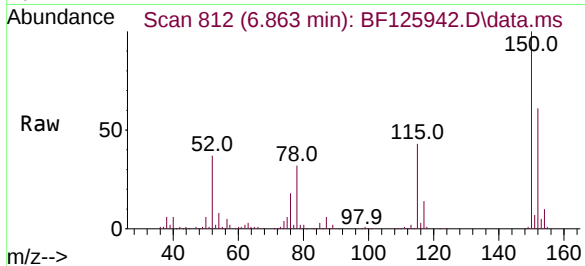




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

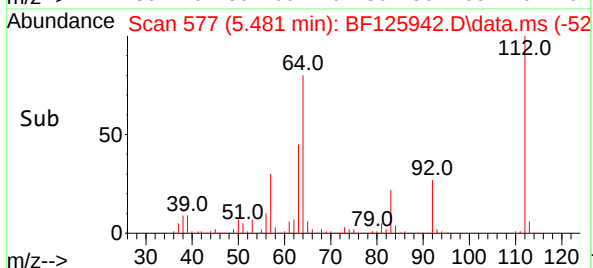
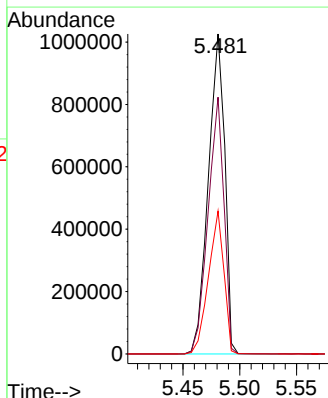
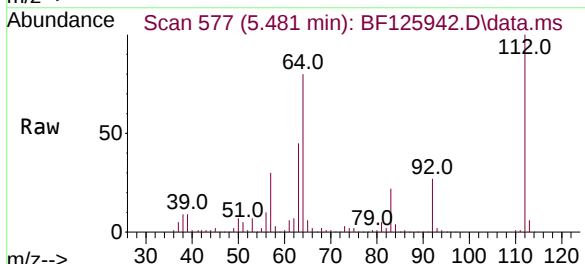
Instrument :
BNA_F
ClientSampleId :
TH-EED

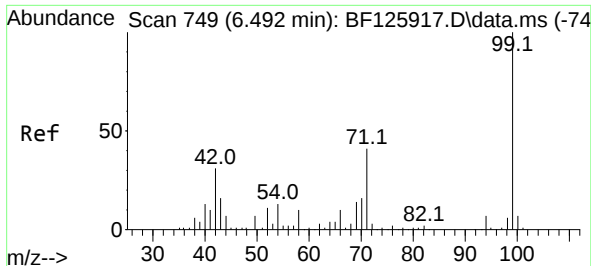
Tgt Ion:152 Resp: 160294
Ion Ratio Lower Upper
152 100
150 164.0 117.6 176.4
115 69.9 47.1 70.7



#5
2-Fluorophenol
Concen: 95.942 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:112 Resp: 1032468
Ion Ratio Lower Upper
112 100
64 80.3 44.2 66.2#
63 44.7 26.2 39.2#

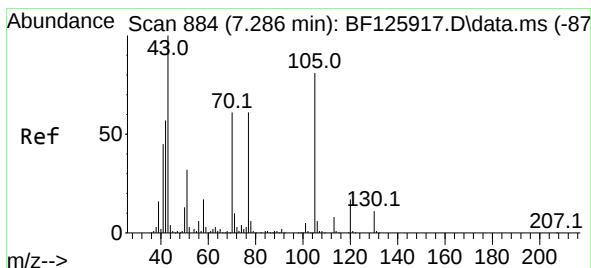
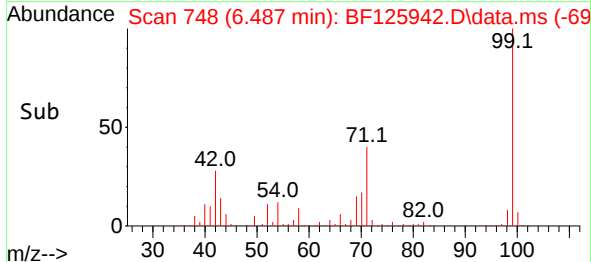
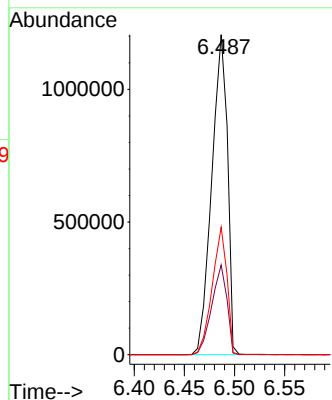
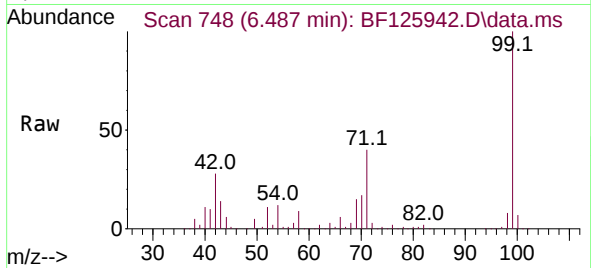




#7
Phenol-d6
Concen: 89.119 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

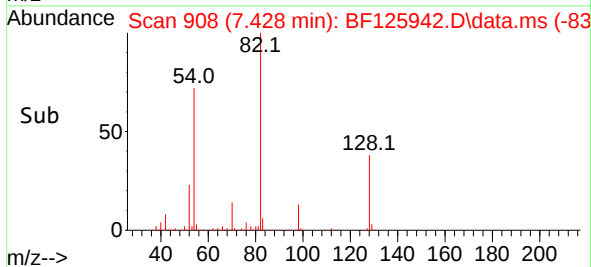
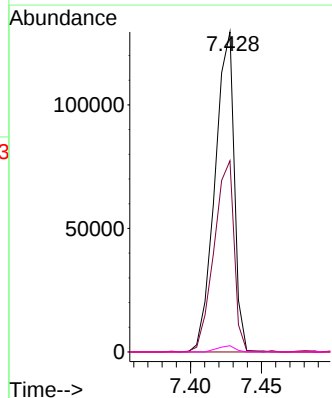
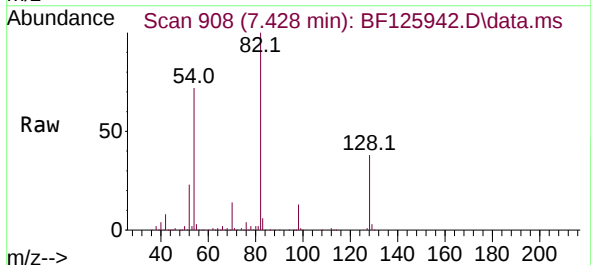
Instrument :
BNA_F
ClientSampleId :
TH-EED

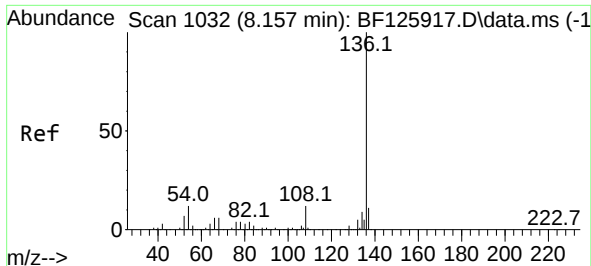
Tgt Ion: 99 Resp: 1315418
Ion Ratio Lower Upper
99 100
42 28.1 23.5 35.3
71 39.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.547 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion: 70 Resp: 122676
Ion Ratio Lower Upper
70 100
42 59.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

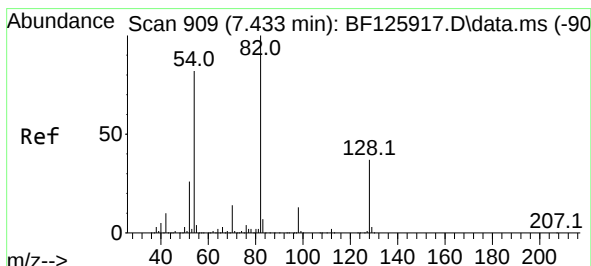
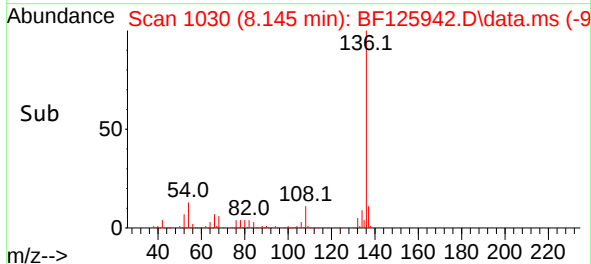
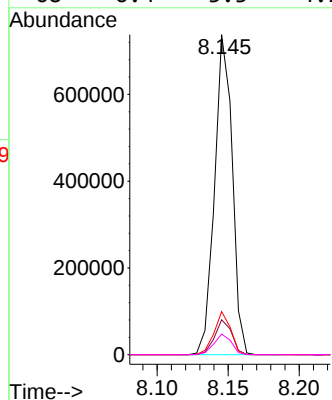
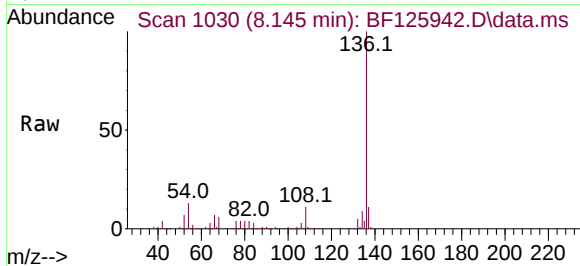




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

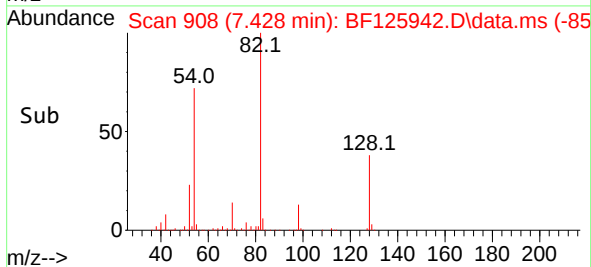
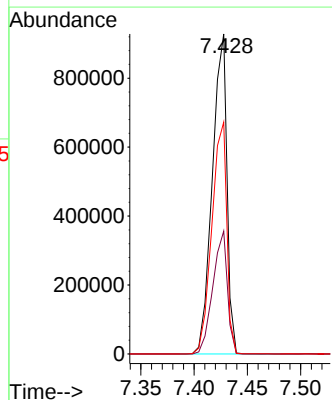
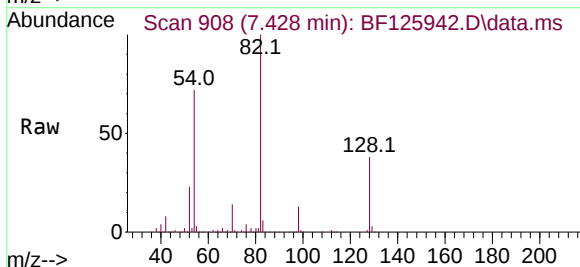
Instrument :
BNA_F
ClientSampleId :
TH-EED

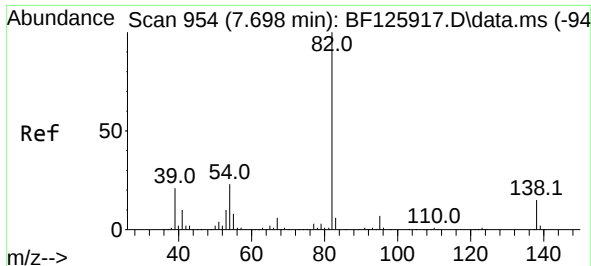
Tgt Ion:	136	Resp:	639502
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	13.5	6.4	9.6#
68	6.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 71.697 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:	82	Resp:	887651
Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	60.8#
54	72.4	49.6	74.4

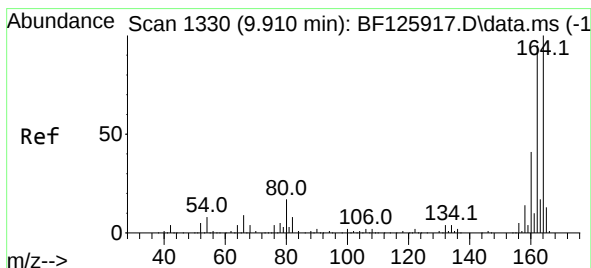
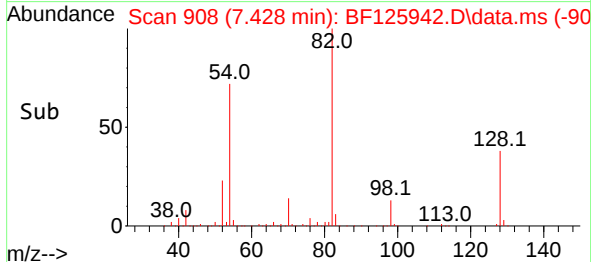
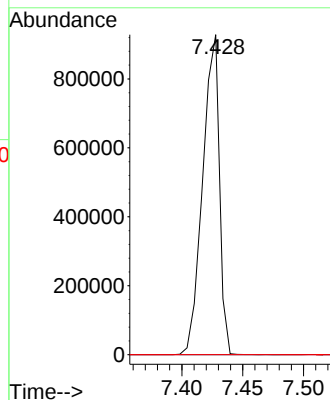
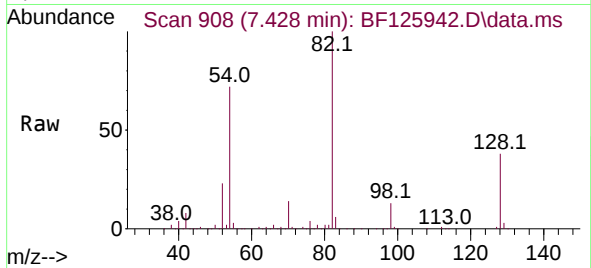




#25
Isophorone
Concen: 37.627 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

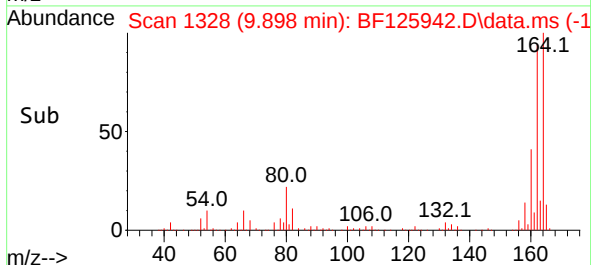
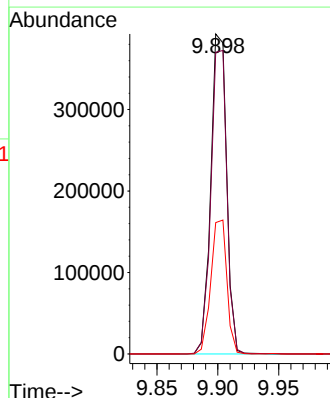
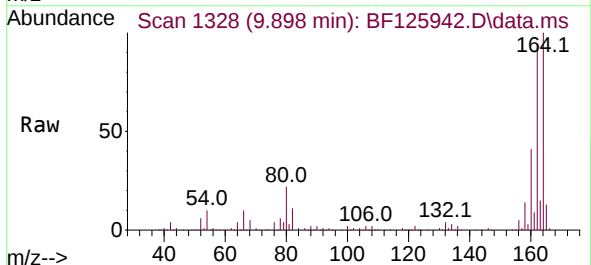
Instrument :
BNA_F
ClientSampleId :
TH-EED

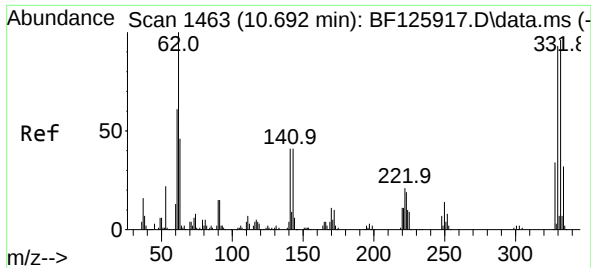
Tgt Ion: 82 Resp: 887148
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion: 164 Resp: 355375
Ion Ratio Lower Upper
164 100
162 94.2 81.3 121.9
160 41.1 38.0 57.0

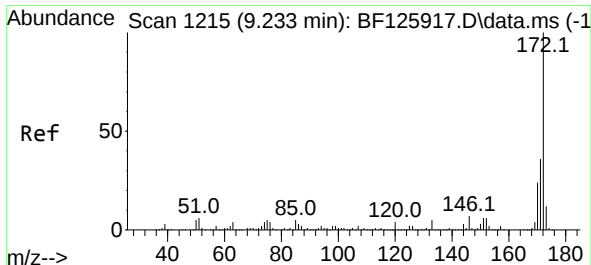
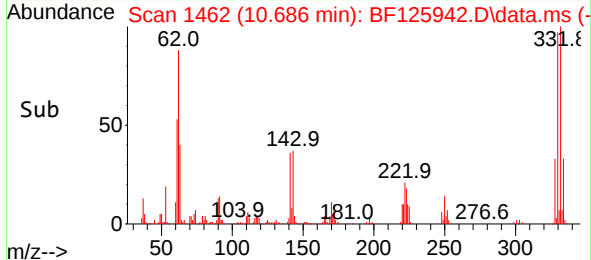
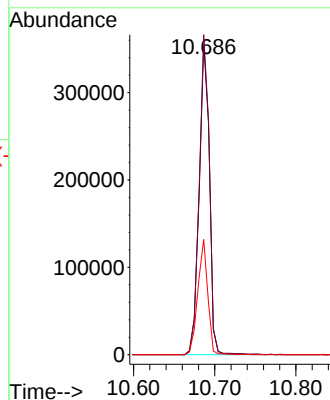
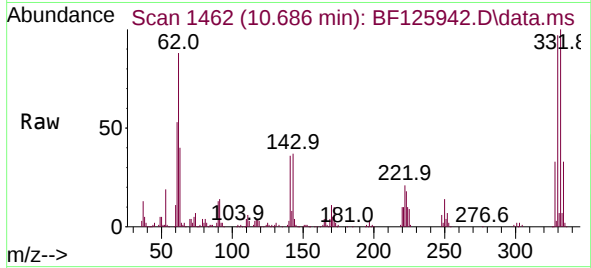




#42
2,4,6-Tribromophenol
Concen: 101.342 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

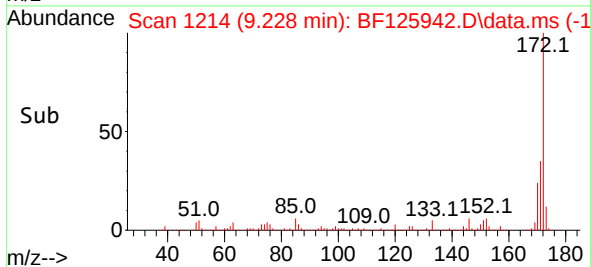
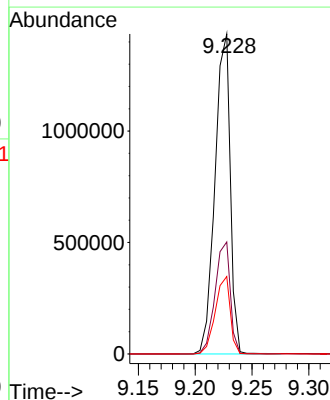
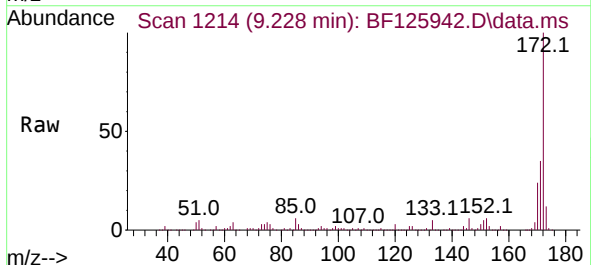
Instrument :
BNA_F
ClientSampleId :
TH-EED

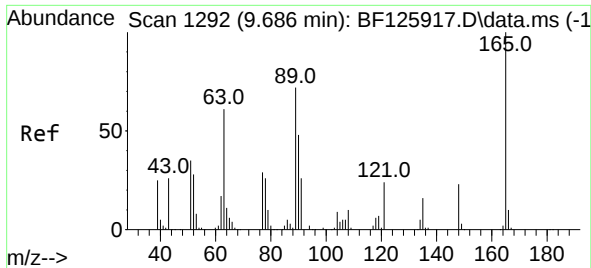
Tgt Ion: 330 Resp: 313954
Ion Ratio Lower Upper
330 100
332 102.0 76.2 114.4
141 35.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.957 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion: 172 Resp: 1345532
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.2 18.8 28.2

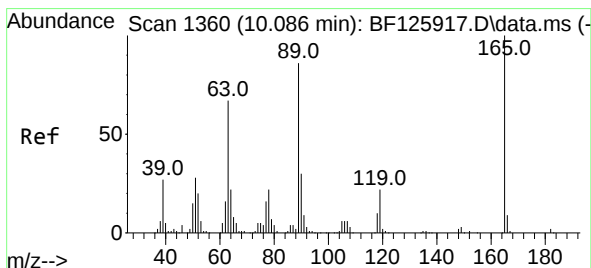
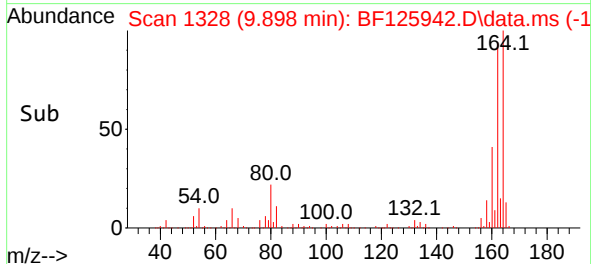
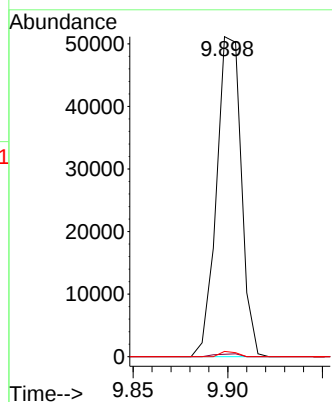
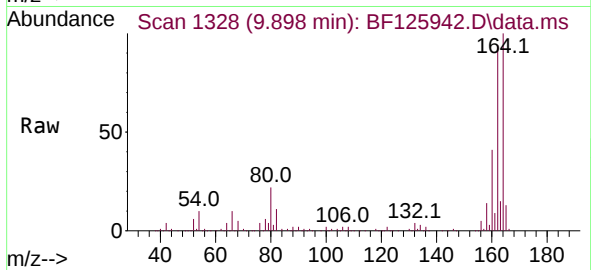




#51
2,6-Dinitrotoluene
Concen: 10.705 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

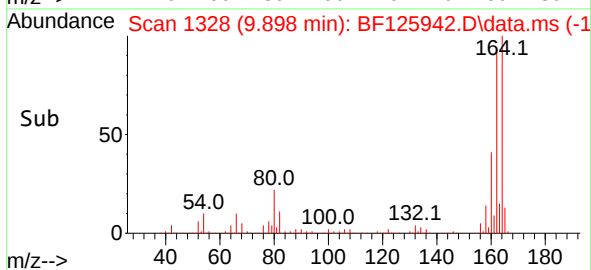
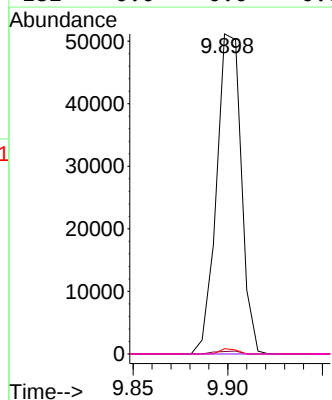
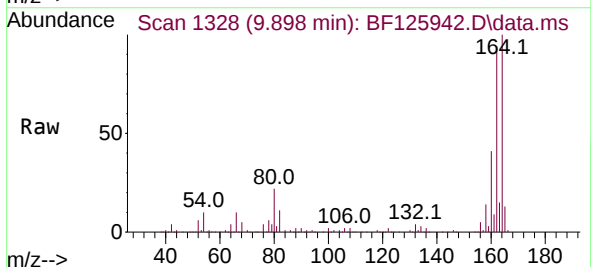
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ClientSampleId :
TH-EED

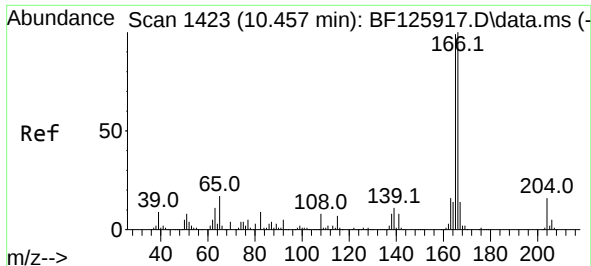
Tgt Ion:165 Resp: 46482
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.716 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:165 Resp: 46482
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

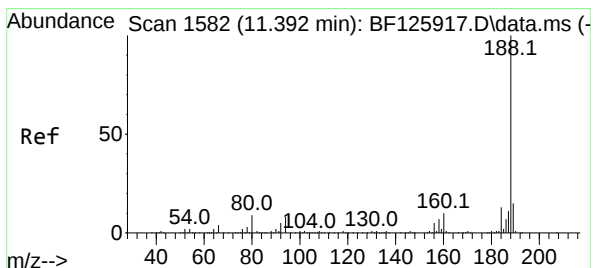
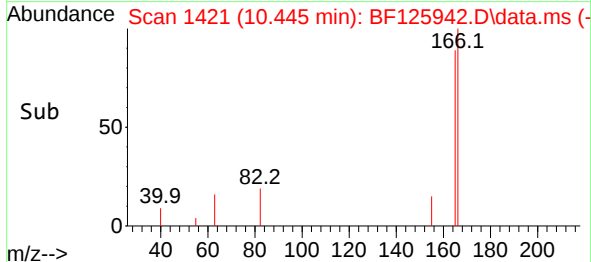
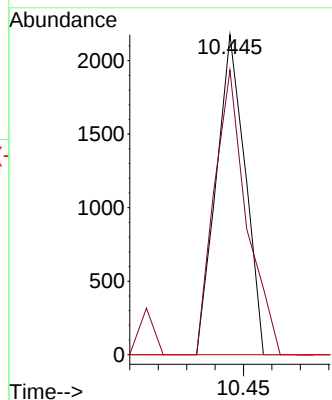
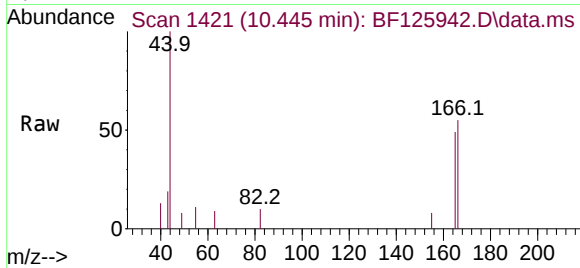




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

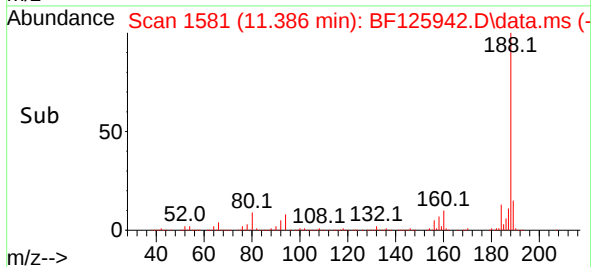
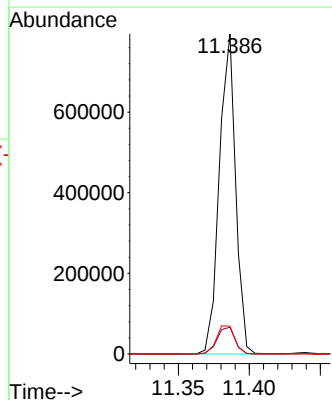
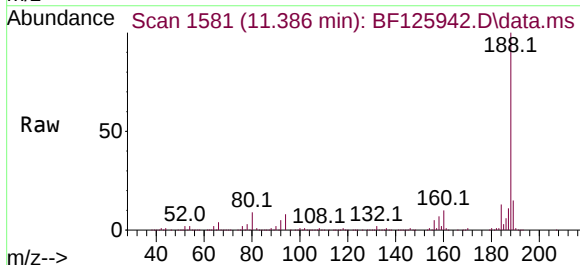
Instrument :
BNA_F
ClientSampled :
TH-EED

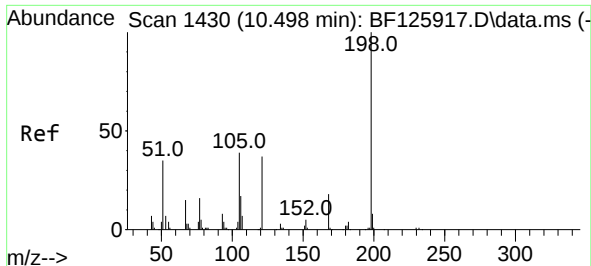
Tgt Ion:166 Resp: 1533
Ion Ratio Lower Upper
166 100
165 89.0 78.1 117.1
167 0.0 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:188 Resp: 632255
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.7 7.5 11.3

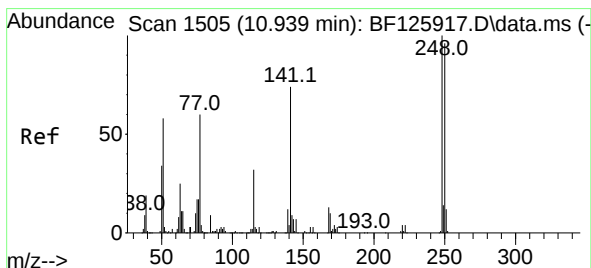
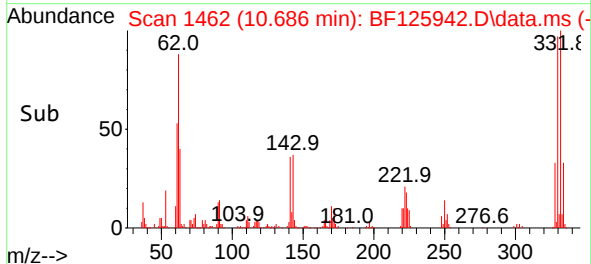
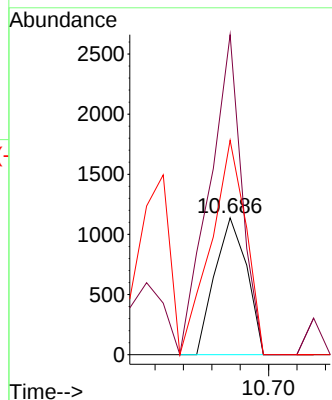
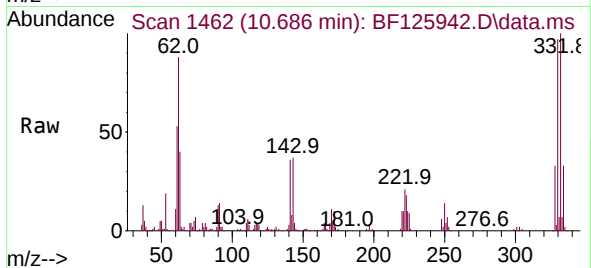




#65
4,6-Dinitro-2-methylphenol
Concen: 6.346 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

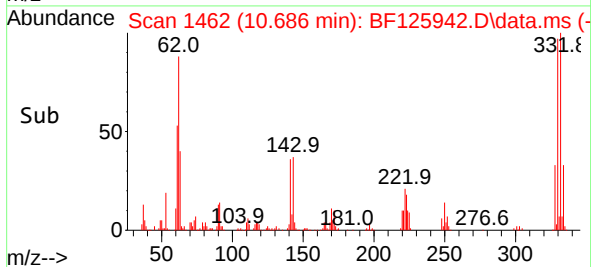
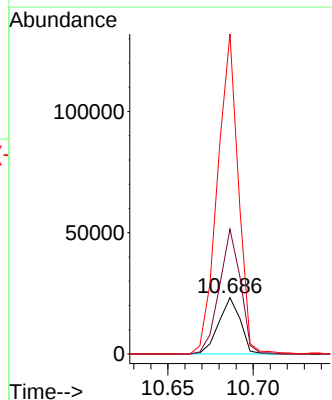
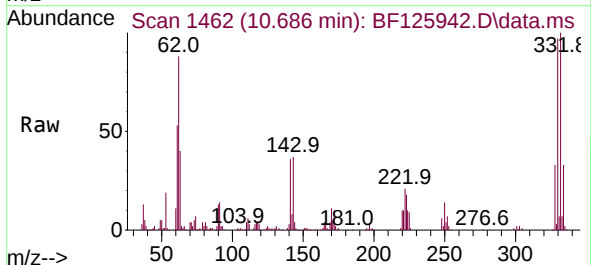
Instrument :
BNA_F
ClientSampled :
TH-EED

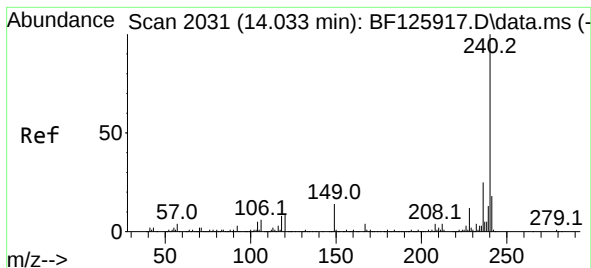
Tgt Ion:198 Resp: 891
Ion Ratio Lower Upper
198 100
51 233.8 45.3 85.3#
105 156.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.030 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:248 Resp: 20466
Ion Ratio Lower Upper
248 100
250 221.3 74.2 111.4#
141 567.7 60.4 90.6#

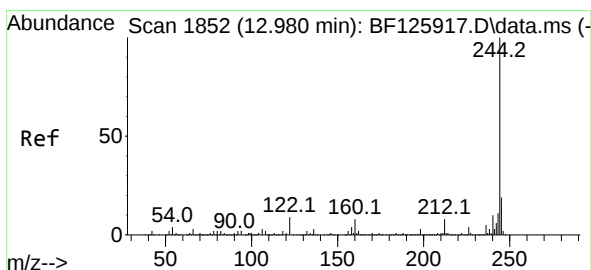
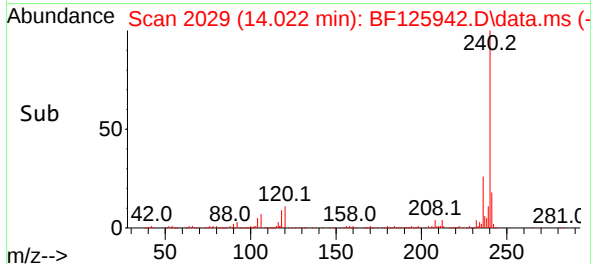
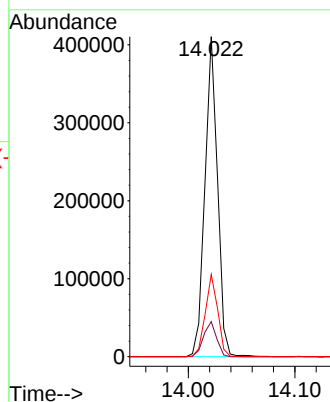
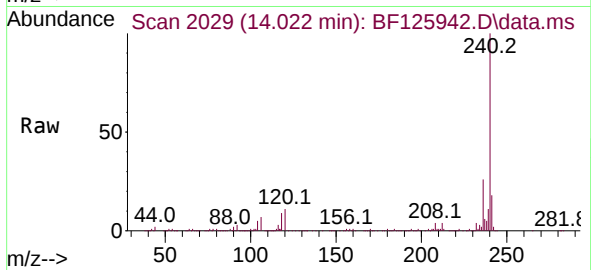




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

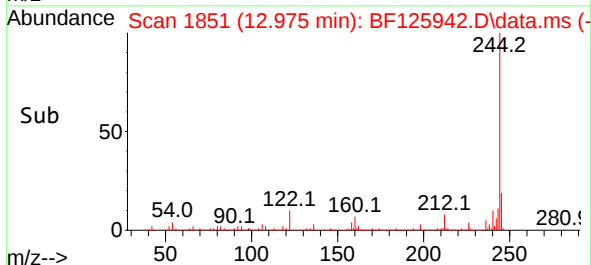
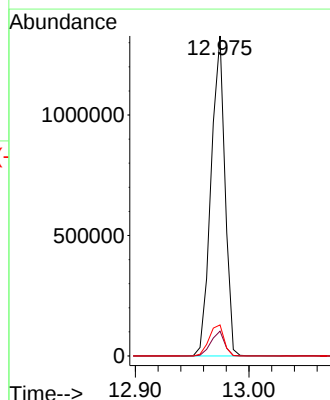
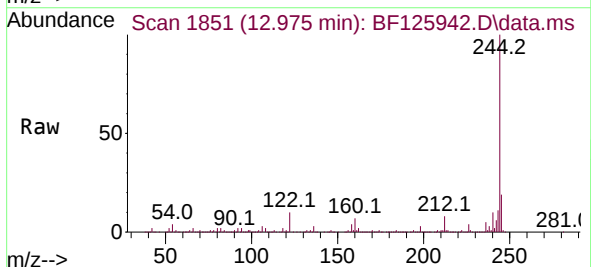
Instrument :
BNA_F
ClientSampled :
TH-EED

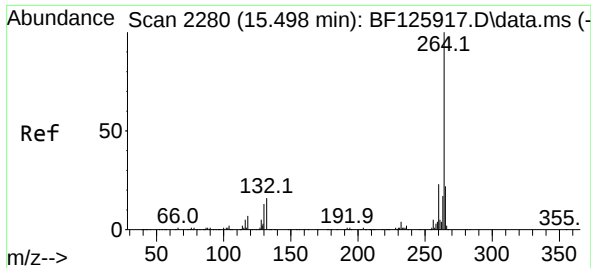
Tgt Ion:240 Resp: 337892
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 54.694 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125942.D
Acq: 26 Oct 2021 19:34

Tgt Ion:244 Resp: 1129818
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF125942.D
 Acq: 26 Oct 2021 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TH-EED

Tgt Ion:264 Resp: 332129
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.0 17.2 25.8

