

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125946.D
 Acq On : 26 Oct 2021 21:43
 Operator : JU/CG
 Sample : M4358-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-GD

Quant Time: Oct 27 09:04:21 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)

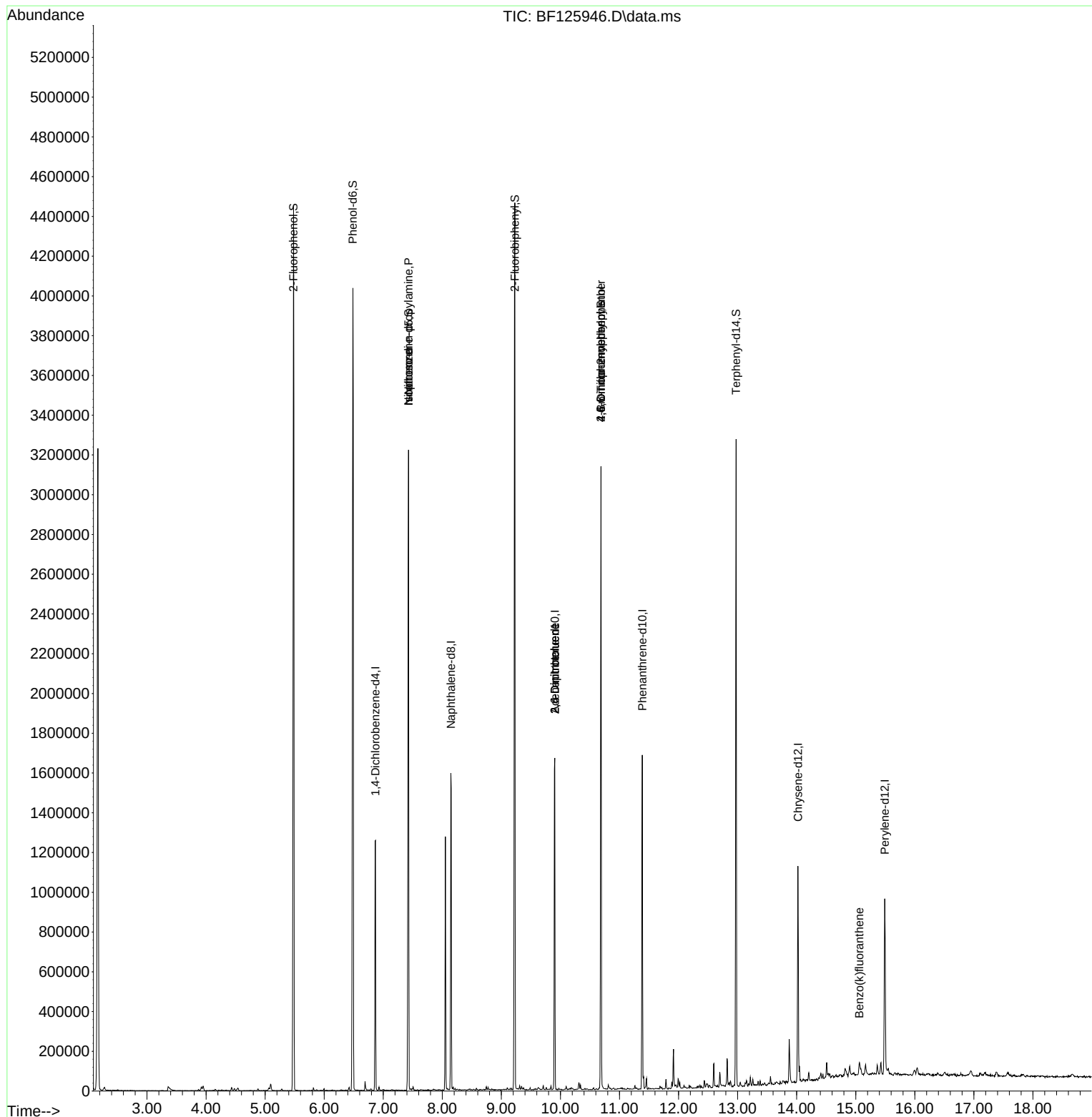
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	168909	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	662495	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	350516	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	561809	20.000	ng	0.00
76) Chrysene-d12	14.021	240	321946	20.000	ng	-0.01
86) Perylene-d12	15.492	264	373711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1116605	98.468	ng	0.00
7) Phenol-d6	6.486	99	1377700	88.578	ng	0.00
23) Nitrobenzene-d5	7.428	82	914838	71.328	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	291403	95.367	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1366382	68.937	ng	0.00
79) Terphenyl-d14	12.974	244	1026140	52.136	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	123286	13.874	ng	# 67
25) Isophorone	7.428	82	914514	37.442	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	44278	10.339	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	44278	8.417	ng	# 20
58) Fluorene	10.445	166	1233	Below Cal		# 82
65) 4,6-Dinitro-2-methylph...	10.686	198	670	6.303	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	19073	3.178	ng	# 1
89) Benzo(k)fluoranthene	15.062	252	47569	2.008	ng	# 97

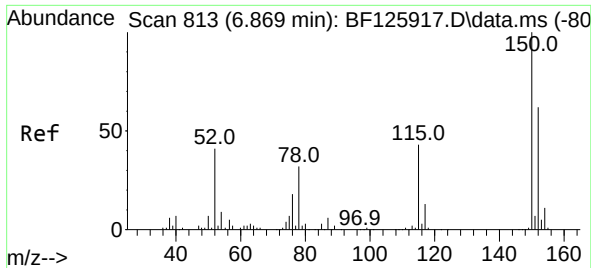
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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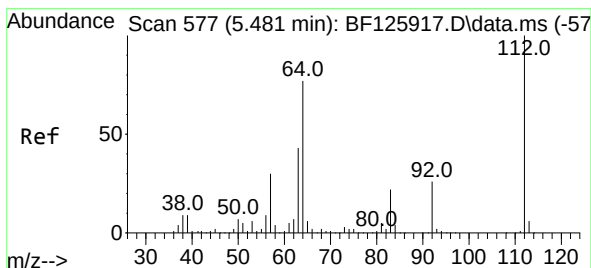
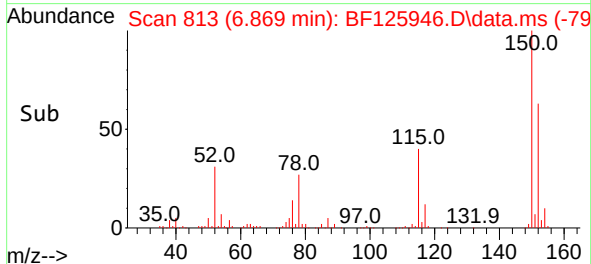
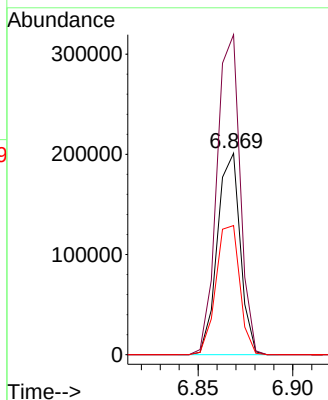
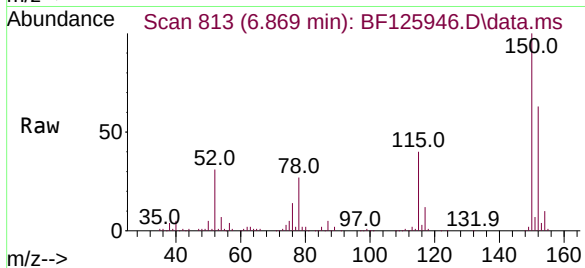




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

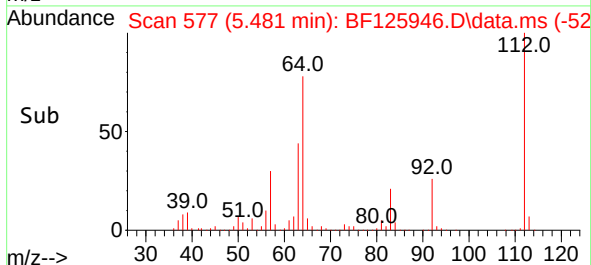
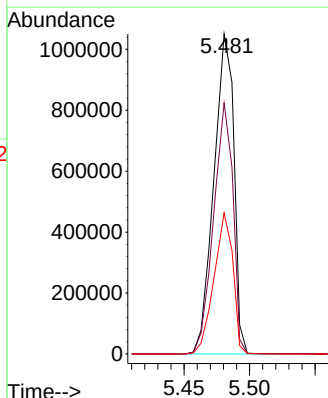
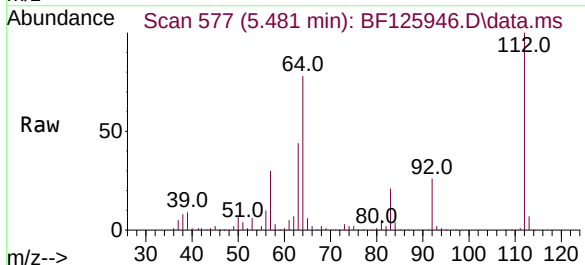
Instrument :
BNA_F
ClientSampleId :
TH-GD

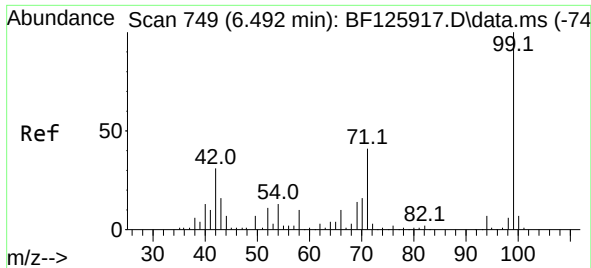
Tgt Ion:152 Resp: 168909
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 98.468 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:112 Resp: 1116605
Ion Ratio Lower Upper
112 100
64 78.4 44.2 66.2#
63 44.1 26.2 39.2#

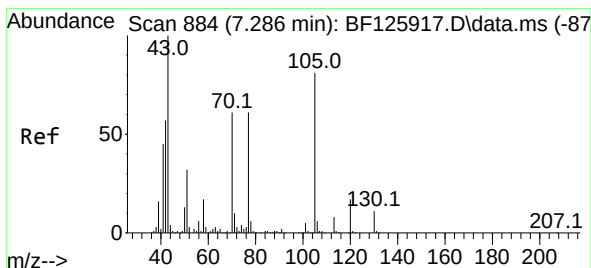
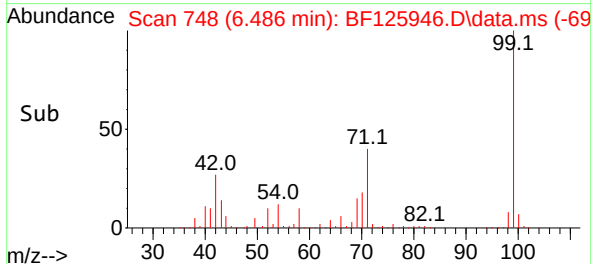
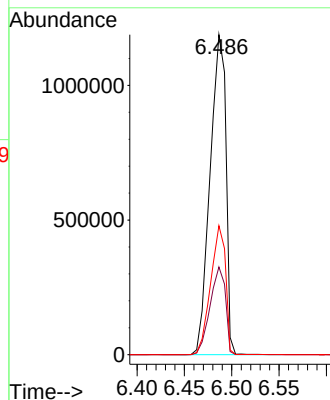
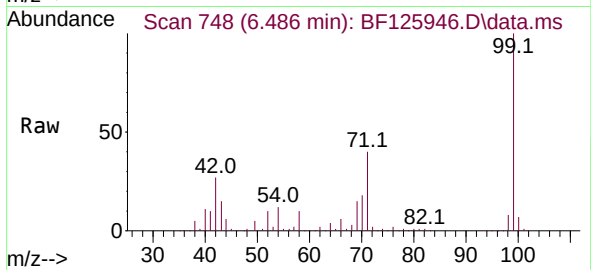




#7
Phenol-d6
Concen: 88.578 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

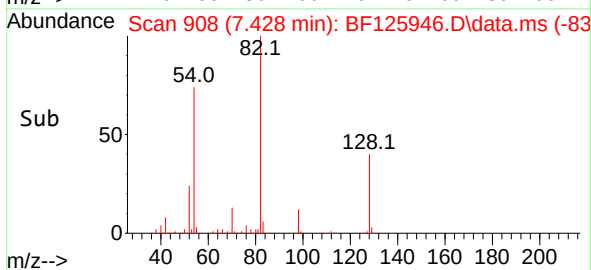
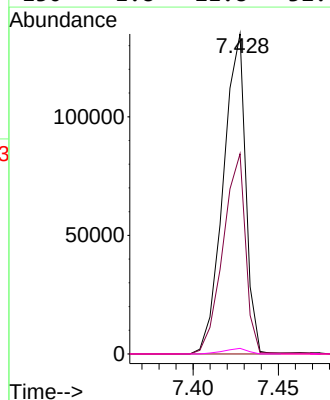
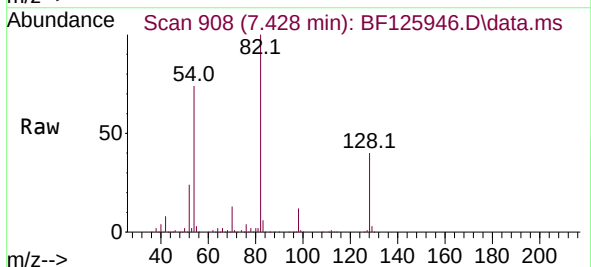
Instrument :
BNA_F
ClientSampleId :
TH-GD

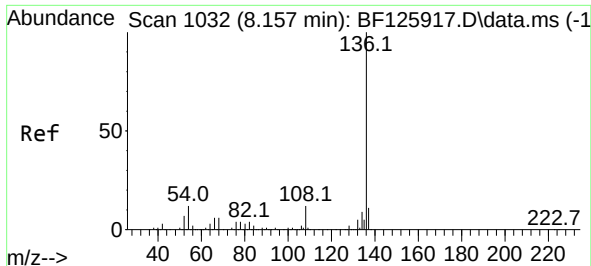
Tgt Ion: 99 Resp: 1377700
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 40.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.874 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion: 70 Resp: 123286
Ion Ratio Lower Upper
70 100
42 62.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

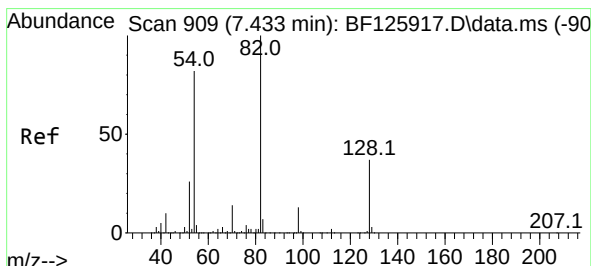
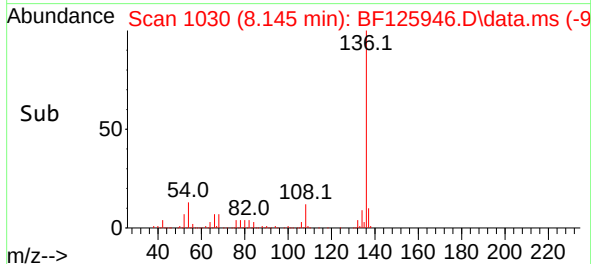
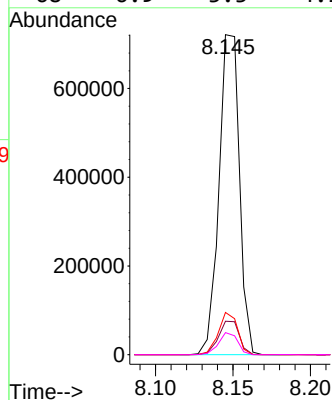
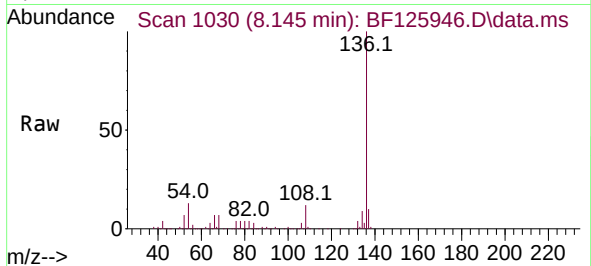




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

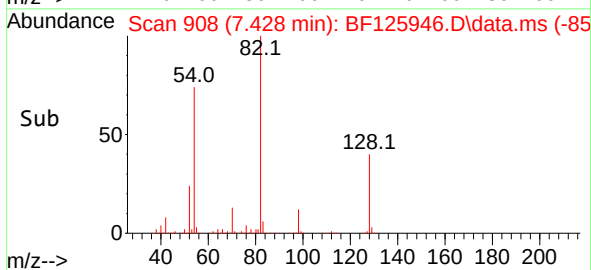
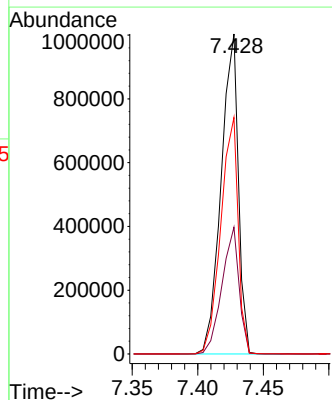
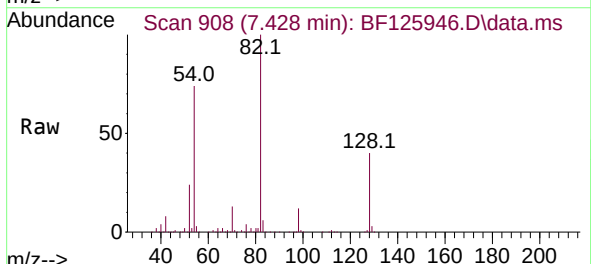
Instrument :
BNA_F
ClientSampled :
TH-GD

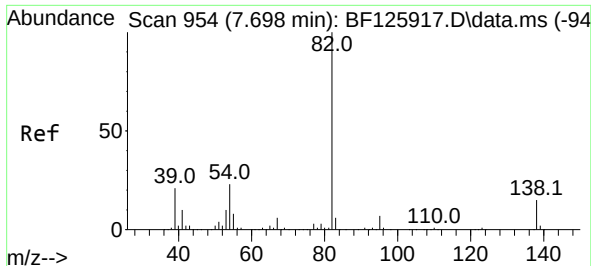
Tgt Ion:136	Resp: 662495
Ion Ratio	Lower Upper
136 100	
137 10.5	9.8 14.6
54 13.2	6.4 9.6#
68 6.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 71.328 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion: 82	Resp: 914838
Ion Ratio	Lower Upper
82 100	
128 39.6	40.6 60.8#
54 73.9	49.6 74.4

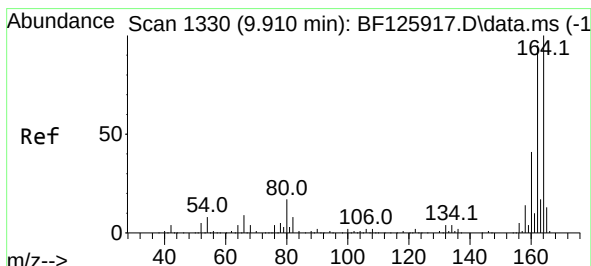
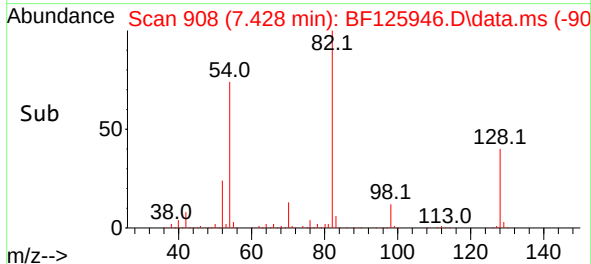
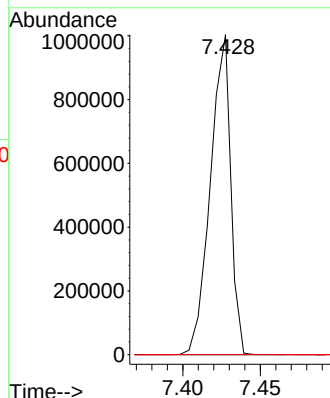
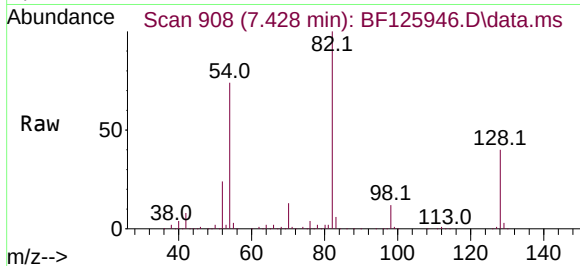




#25
Isophorone
Concen: 37.442 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

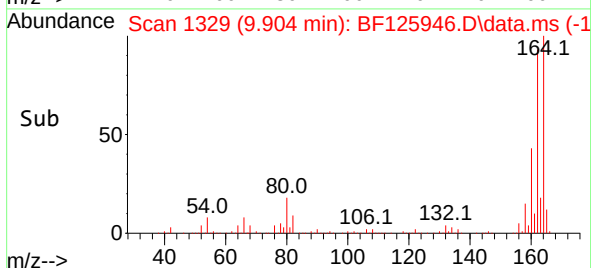
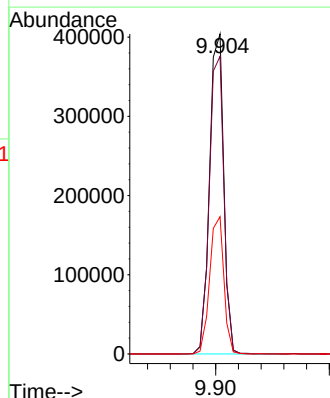
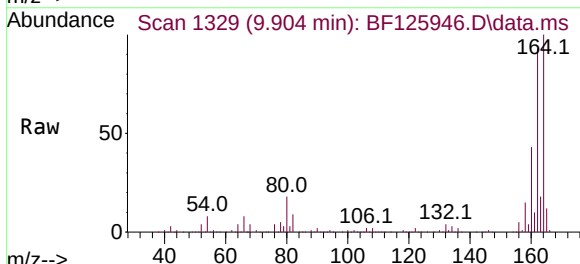
Instrument :
BNA_F
ClientSampleId :
TH-GD

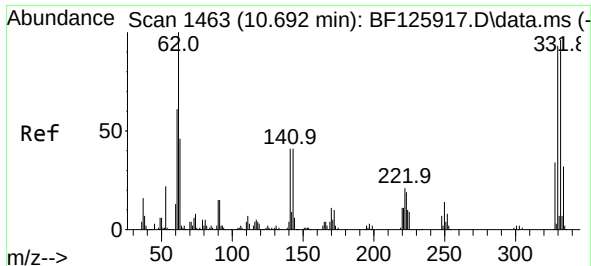
Tgt Ion: 82 Resp: 914514
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion: 164 Resp: 350516
Ion Ratio Lower Upper
164 100
162 93.0 81.3 121.9
160 42.9 38.0 57.0

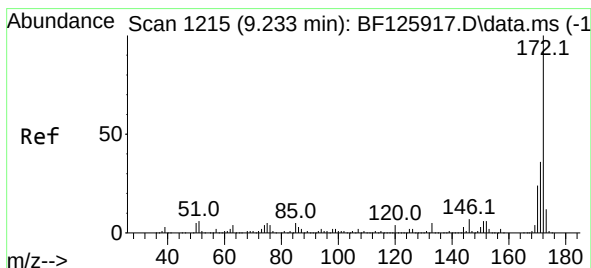
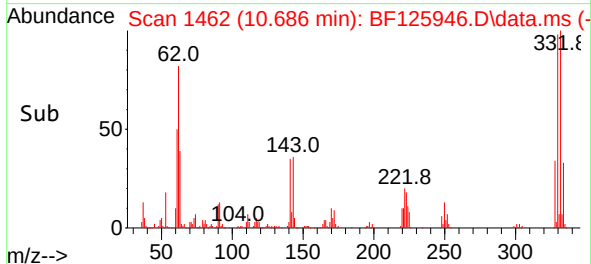
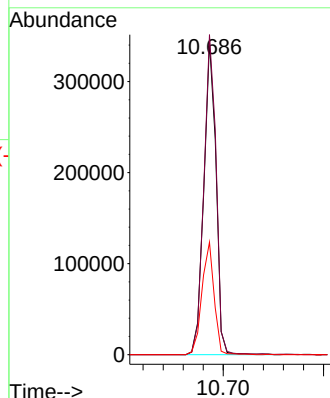
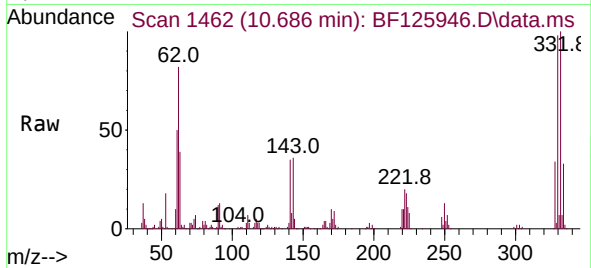




#42
2,4,6-Tribromophenol
Concen: 95.367 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

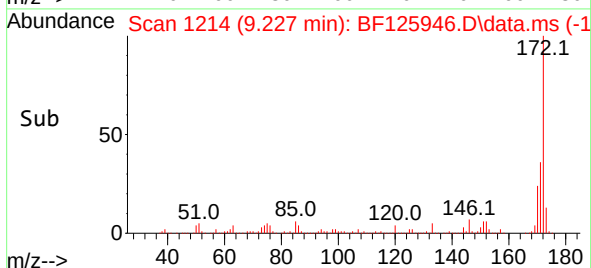
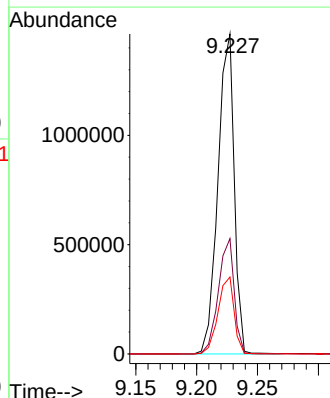
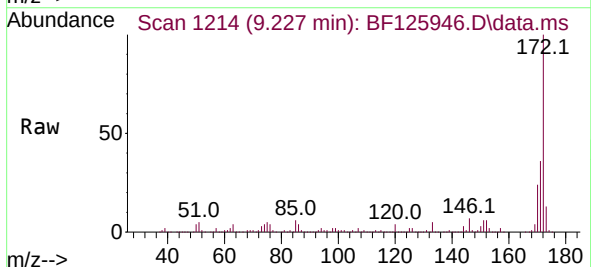
Instrument :
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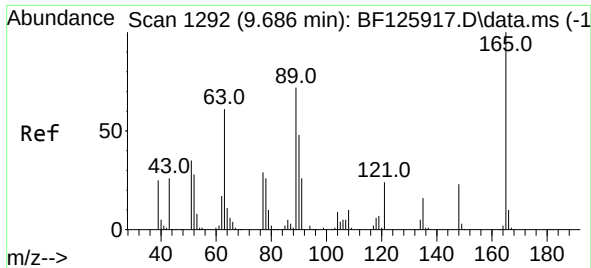
Tgt Ion:330 Resp: 291403
Ion Ratio Lower Upper
330 100
332 102.8 76.2 114.4
141 35.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.937 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:172 Resp: 1366382
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.1 18.8 28.2

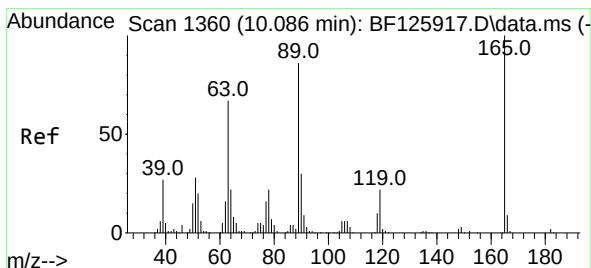
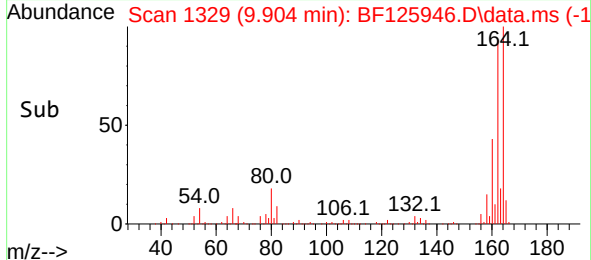
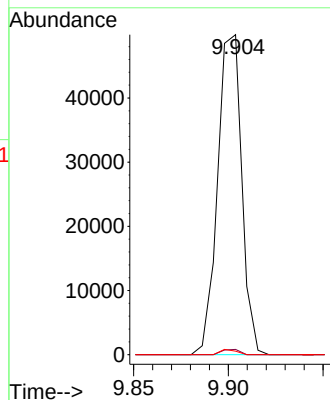
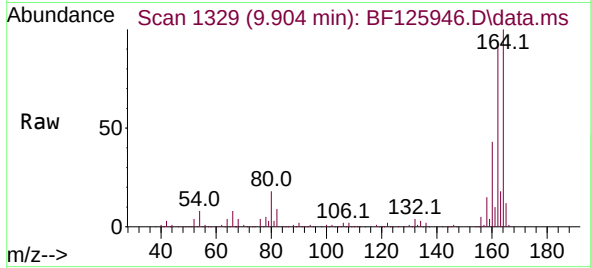




#51
2,6-Dinitrotoluene
Concen: 10.339 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

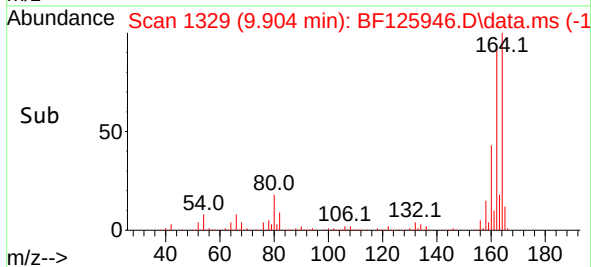
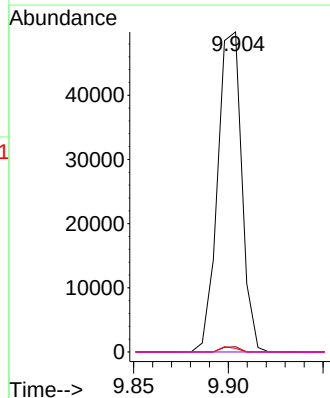
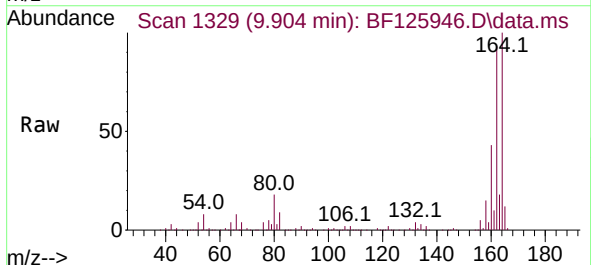
Instrument :
BNA_F
ClientSampled :
TH-GD

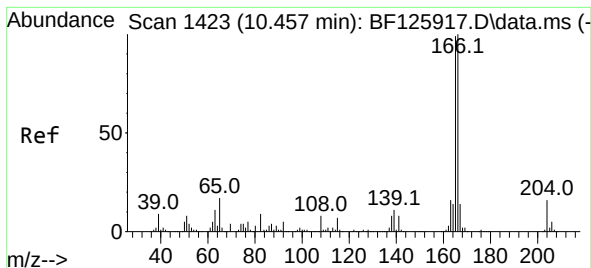
Tgt Ion:165 Resp: 44278
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.417 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:165 Resp: 44278
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0





#58

Fluorene

Concen: Below Cal

RT: 10.445 min Scan# 1421

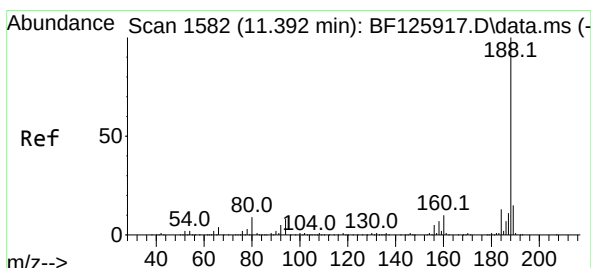
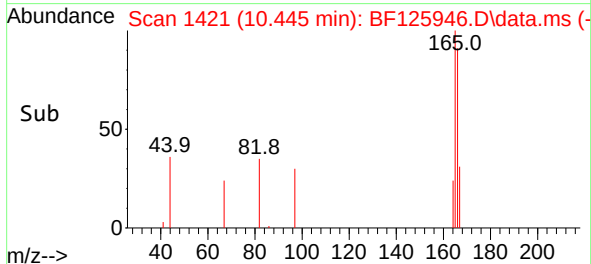
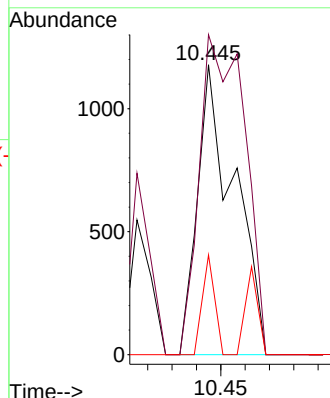
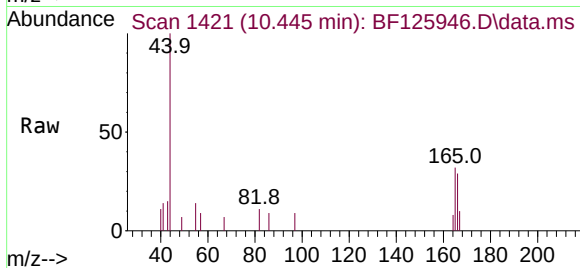
Delta R.T. -0.012 min

Lab File: BF125946.D

Acq: 26 Oct 2021 21:43

Tgt Ion:	166	Resp:	1233
Ion Ratio	Lower	Upper	
166	100		
165	110.3	78.1	117.1
167	34.4	11.1	16.7#

Instrument :
BNA_F
ClientSampled :
TH-GD



#64

Phenanthrene-d10

Concen: 20.000 ng

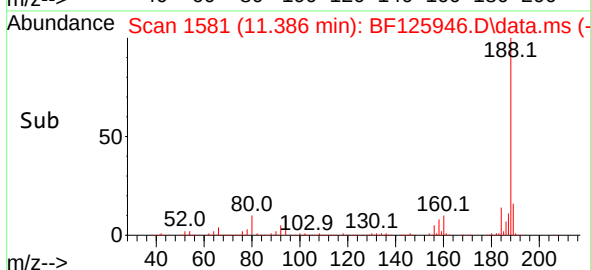
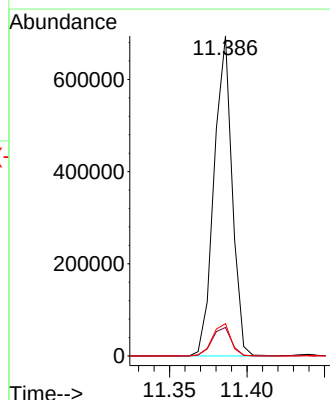
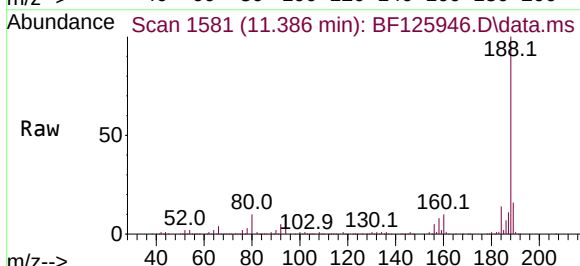
RT: 11.386 min Scan# 1581

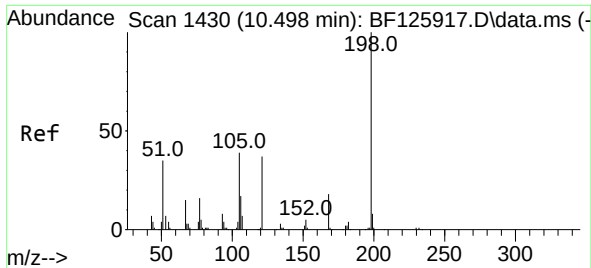
Delta R.T. -0.006 min

Lab File: BF125946.D

Acq: 26 Oct 2021 21:43

Tgt Ion:	188	Resp:	561809
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.7	10.1
80	10.1	7.5	11.3

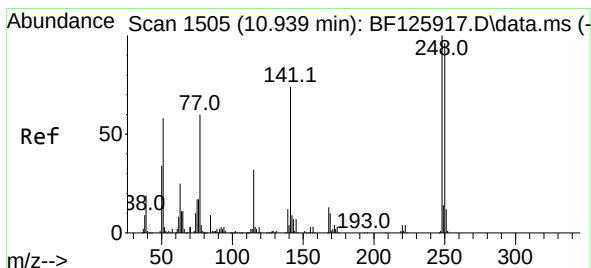
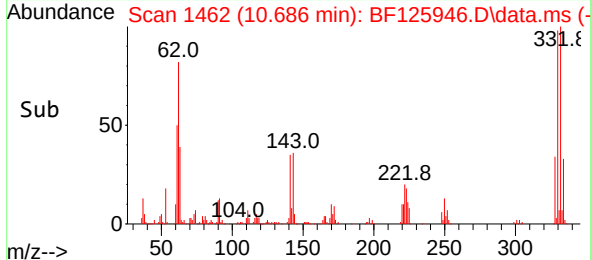
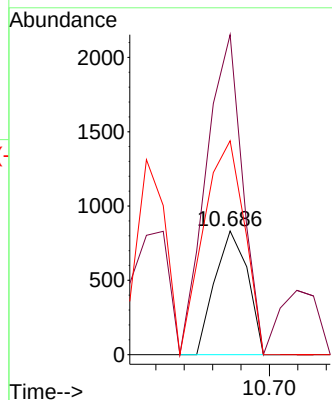
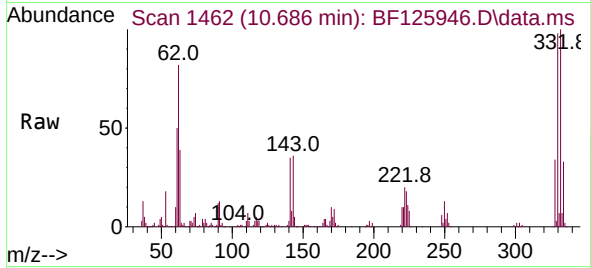




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

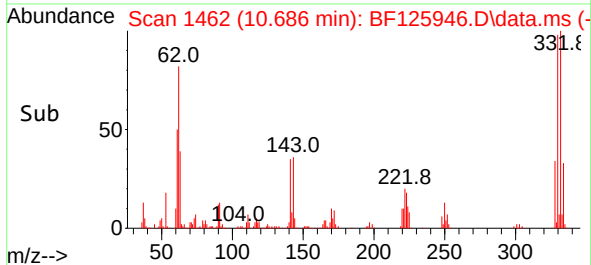
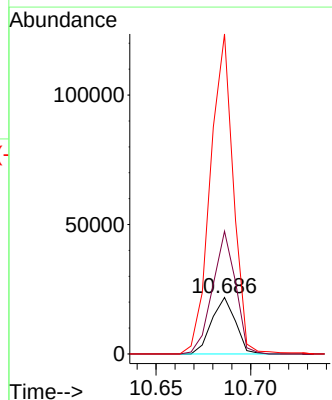
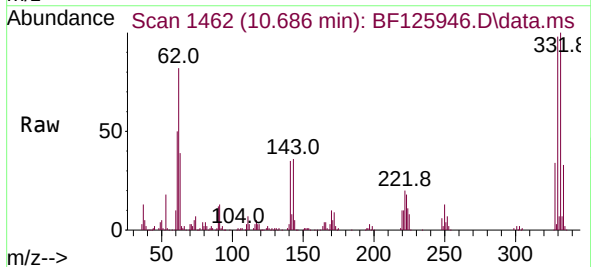
Instrument :
BNA_F
ClientSampled :
TH-GD

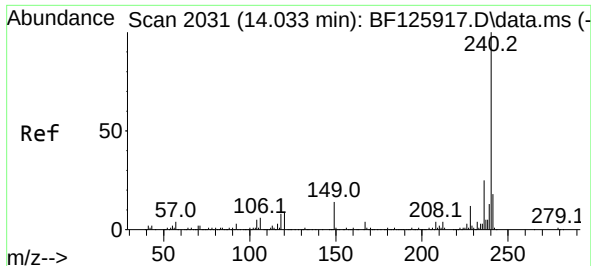
Tgt Ion:198 Resp: 670
Ion Ratio Lower Upper
198 100
51 258.8 45.3 85.3#
105 173.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

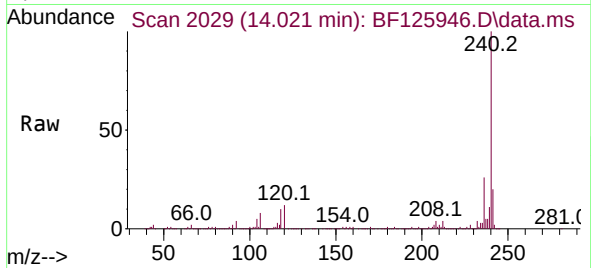
Tgt Ion:248 Resp: 19073
Ion Ratio Lower Upper
248 100
250 217.7 74.2 111.4#
141 567.2 60.4 90.6#



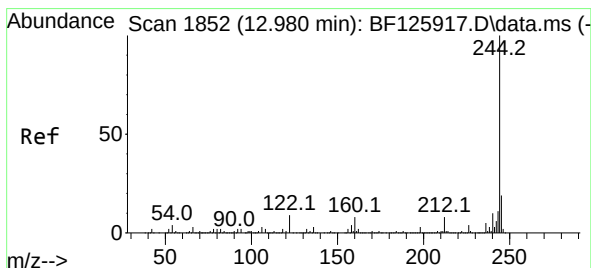
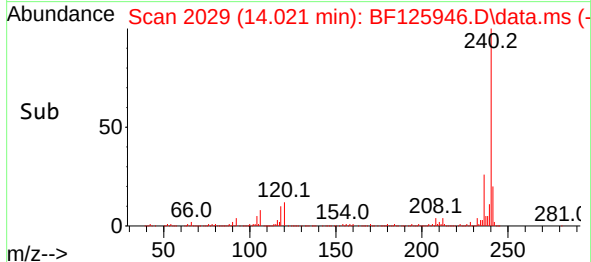
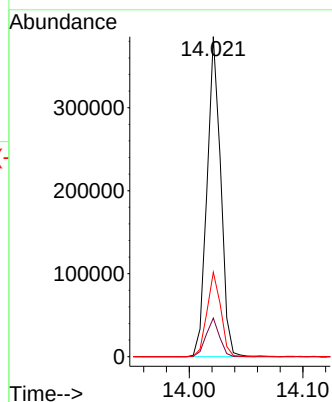


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Instrument :
BNA_F
ClientSampled :
TH-GD

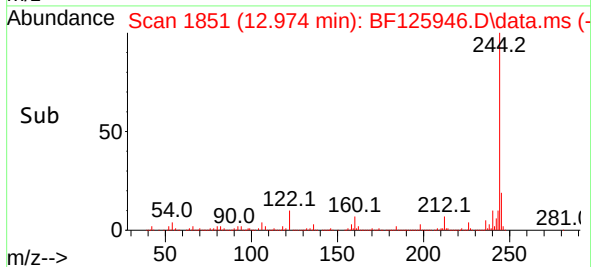
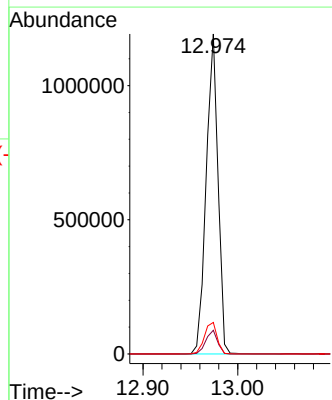
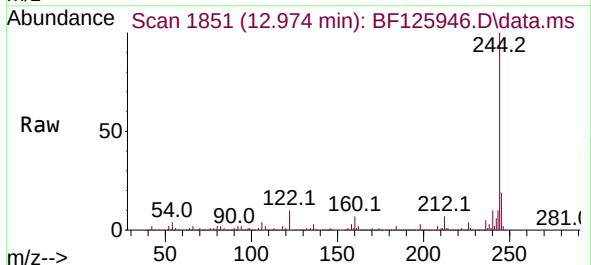


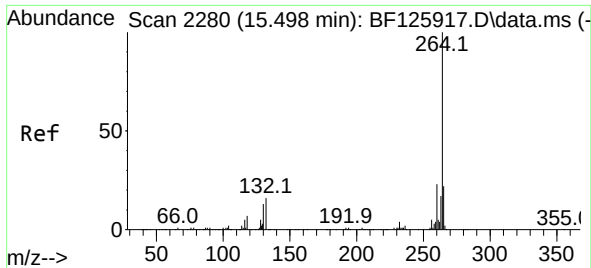
Tgt Ion:240 Resp: 321946
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 52.136 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:244 Resp: 1026140
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.9 9.0 13.4

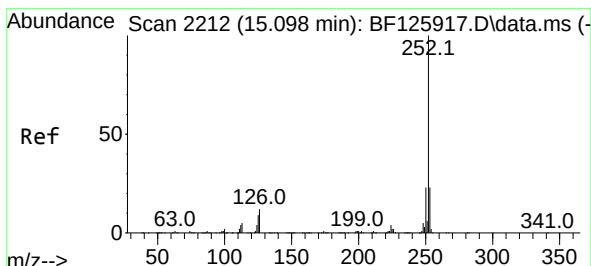
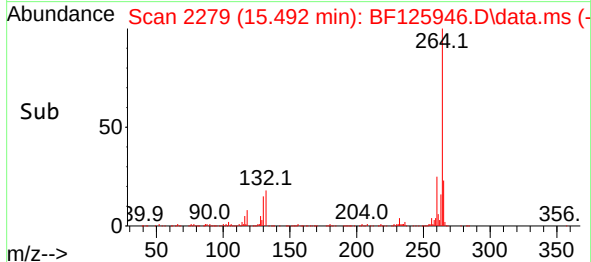
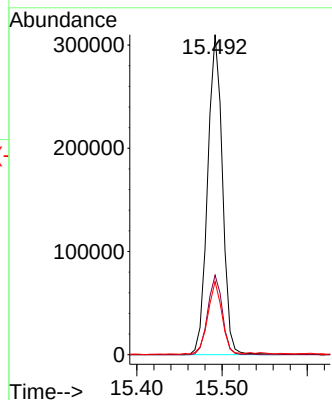
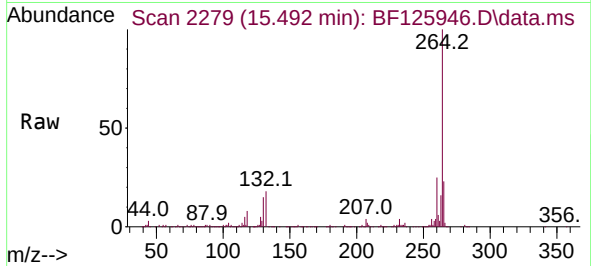




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Instrument :
BNA_F
ClientSampleId :
TH-GD

Tgt Ion:264	Resp:	373711
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.6 29.4
265	22.9	17.2 25.8



#89
Benzo(k)fluoranthene
Concen: 2.008 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:252	Resp:	47569
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.8 26.8
125	11.4	7.2 10.8#

