

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125990.D
 Acq On : 28 Oct 2021 15:47
 Operator : JU/CG
 Sample : M4368-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-102621

Quant Time: Oct 29 10:39:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:01:54 2021
 Response via : Initial Calibration

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

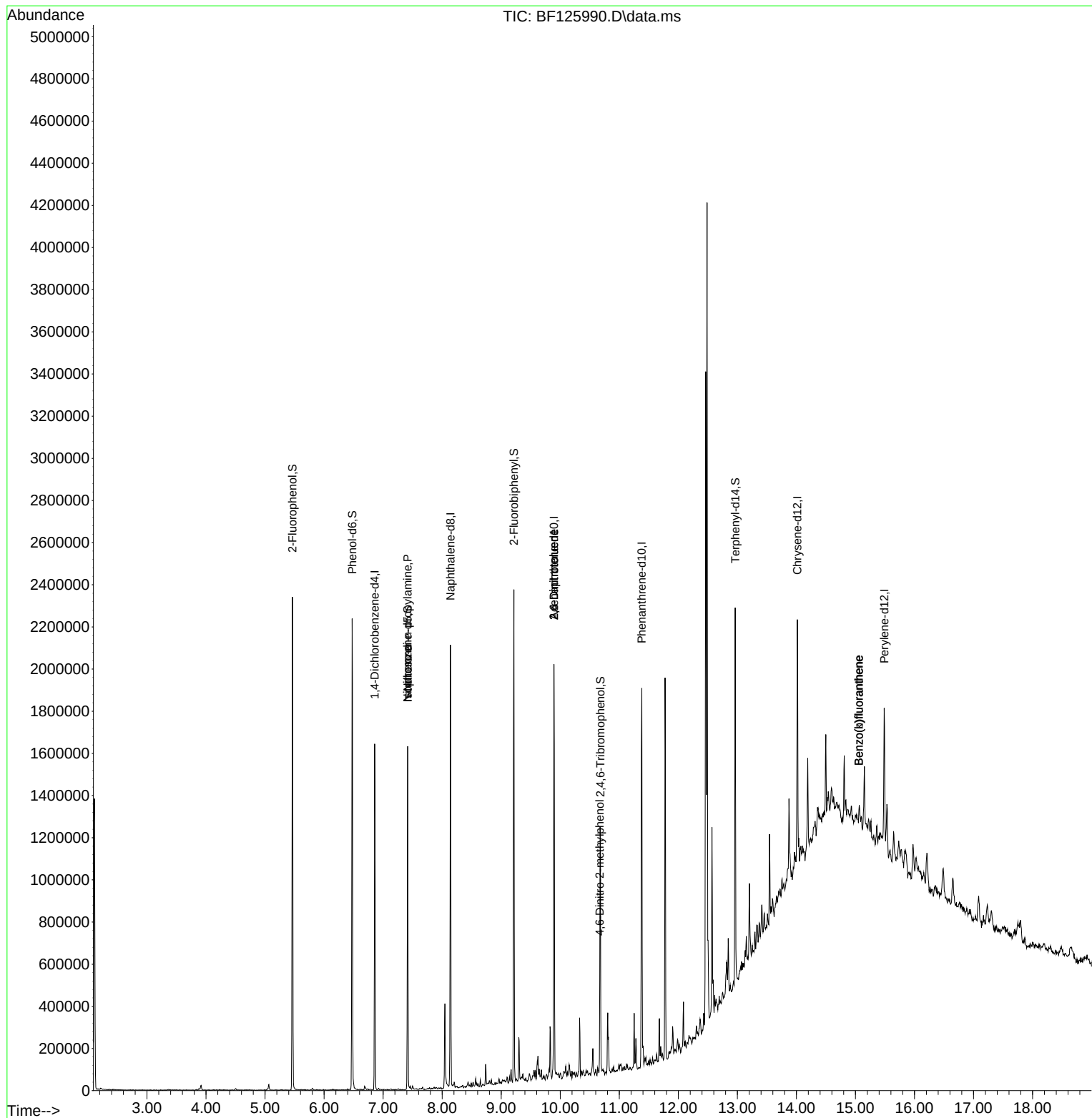
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	210620	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	804319	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	403440	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	658130	20.000	ng	0.00
76) Chrysene-d12	14.015	240	417217	20.000	ng	0.00
86) Perylene-d12	15.486	264	304002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	548959	38.823	ng	-0.01
7) Phenol-d6	6.475	99	687001	35.423	ng	-0.01
23) Nitrobenzene-d5	7.416	82	418678	26.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	123450	35.101	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	639094	28.014	ng	0.00
79) Terphenyl-d14	12.963	244	546186	21.414	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	55242	4.985	ng	# 63
25) Isophorone	7.416	82	415966	14.027	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	54449	11.046	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	54449	8.993	ng	# 20
58) Fluorene	10.439	166	3230	Below Cal		# 53
65) 4,6-Dinitro-2-methylph...	10.669	198	621	6.253	ng	# 1
88) Benzo(b)fluoranthene	15.057	252	42727	2.129	ng	# 10
89) Benzo(k)fluoranthene	15.057	252	42727	2.217	ng	# 9

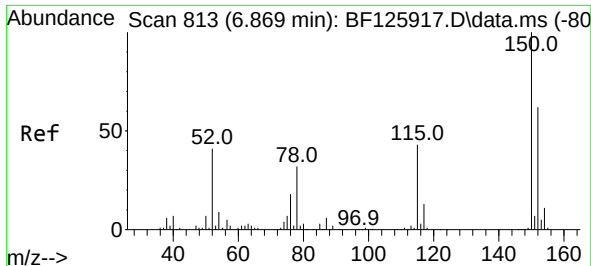
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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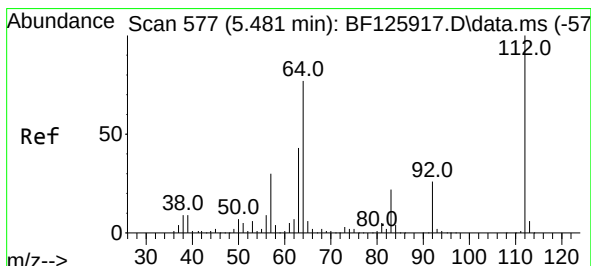
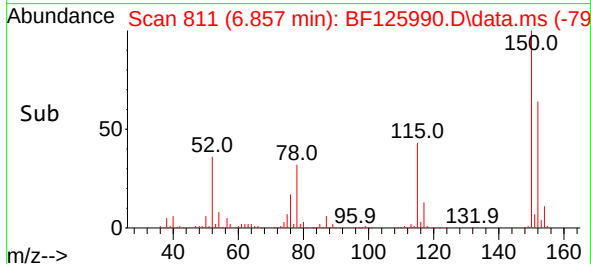
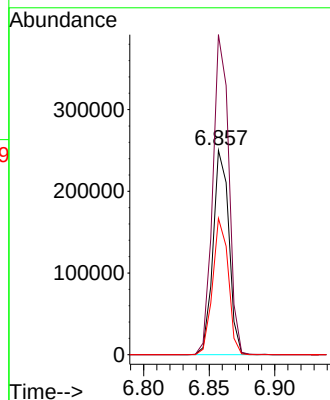
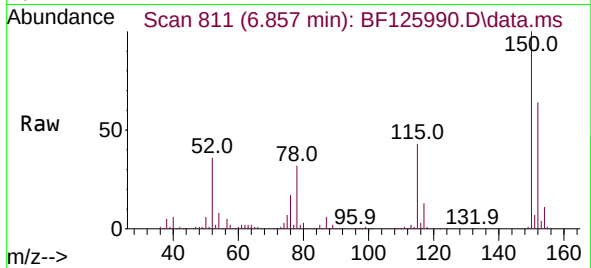




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

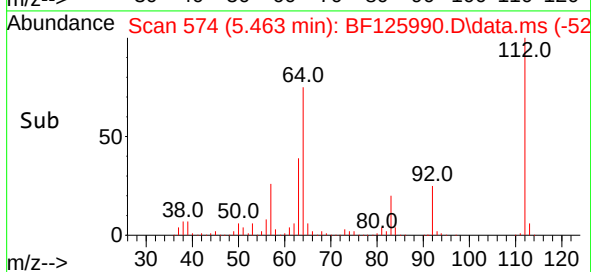
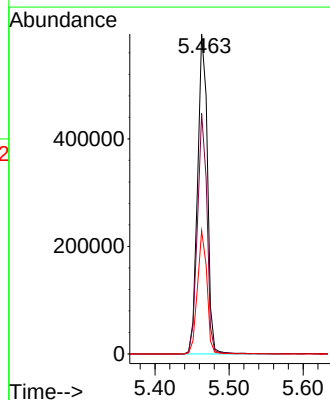
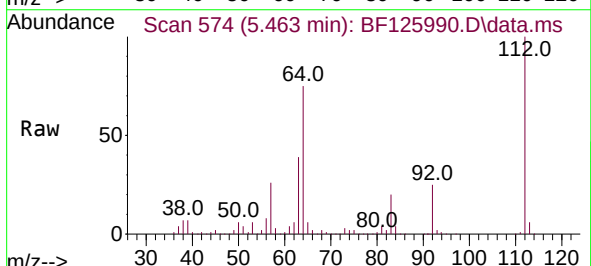
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

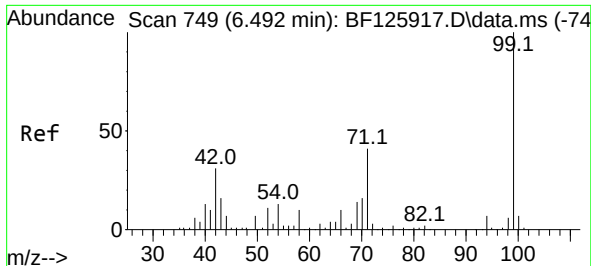
Tgt Ion:152 Resp: 210620
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 66.7 47.1 70.7



#5
2-Fluorophenol
Concen: 38.823 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:112 Resp: 548959
Ion Ratio Lower Upper
112 100
64 75.2 44.2 66.2#
63 38.5 26.2 39.2

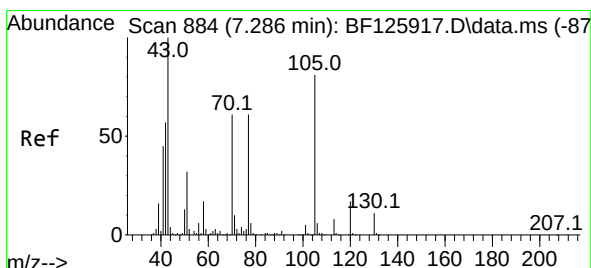
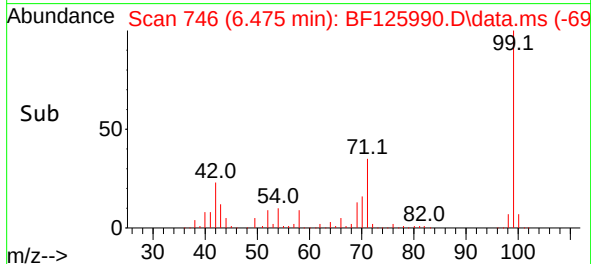
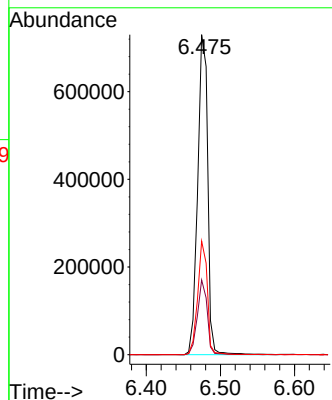
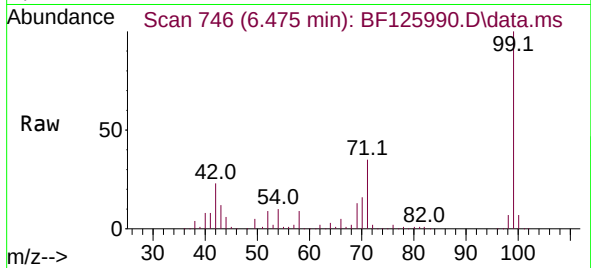




#7
Phenol-d6
Concen: 35.423 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

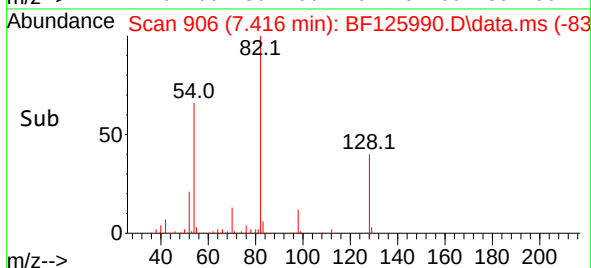
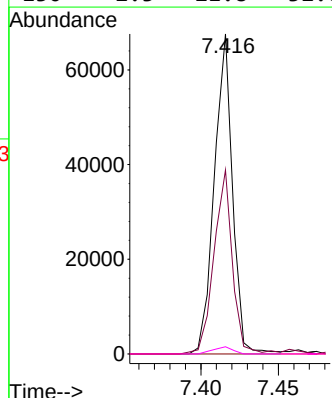
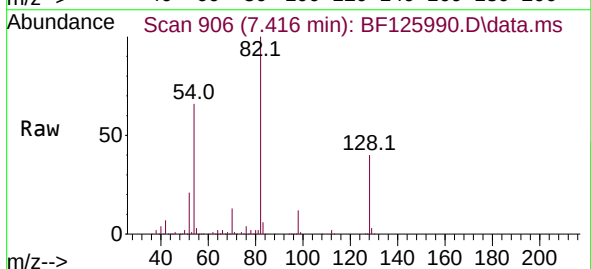
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

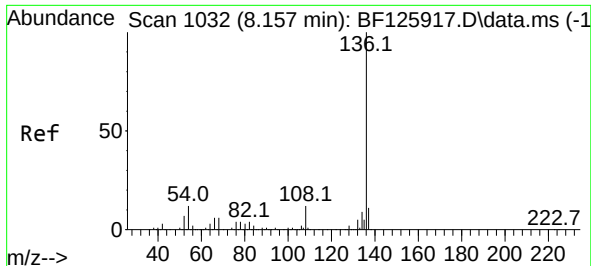
Tgt Ion: 99 Resp: 687001
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 35.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.985 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

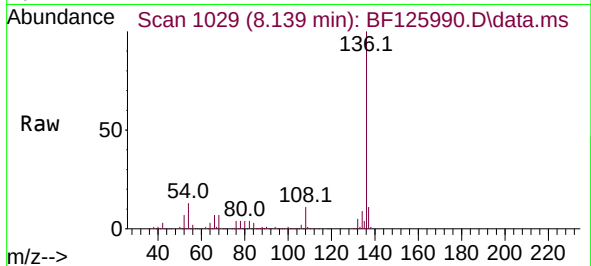
Tgt Ion: 70 Resp: 55242
Ion Ratio Lower Upper
70 100
42 57.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



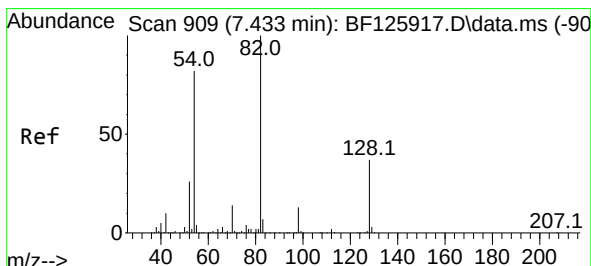
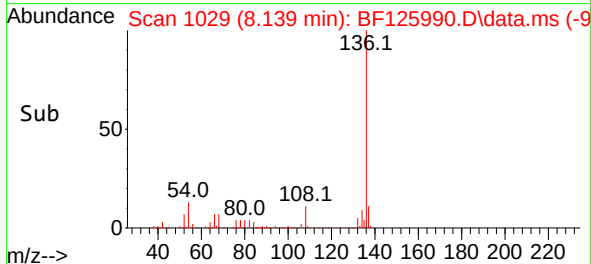
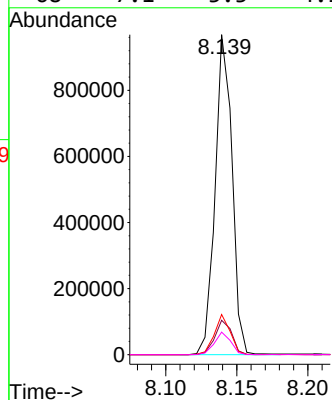


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Instrument :
BNA_F
ClientSampleId :
HD-02-102621

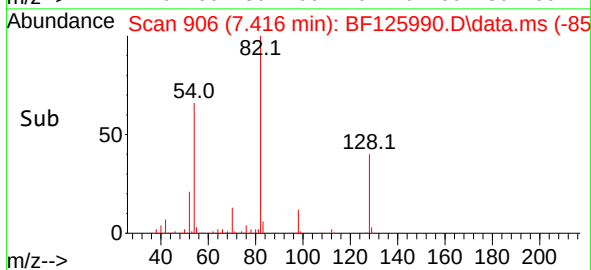
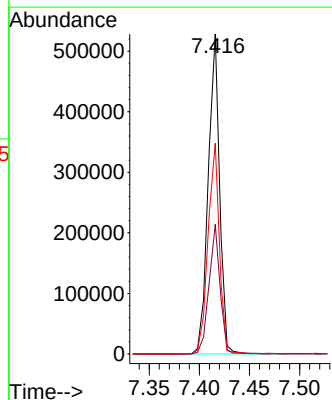
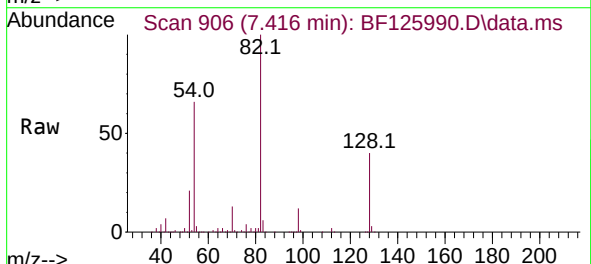


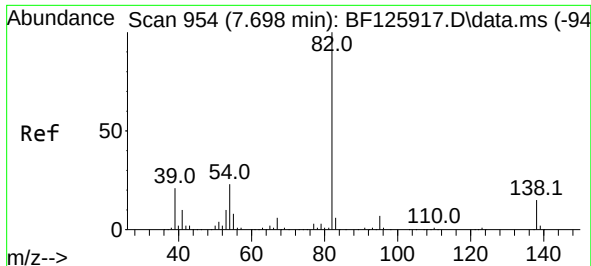
Tgt Ion:	136	Resp:	804319
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	12.6	6.4	9.6#
68	7.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 26.888 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:	82	Resp:	418678
Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	60.8#
54	65.9	49.6	74.4

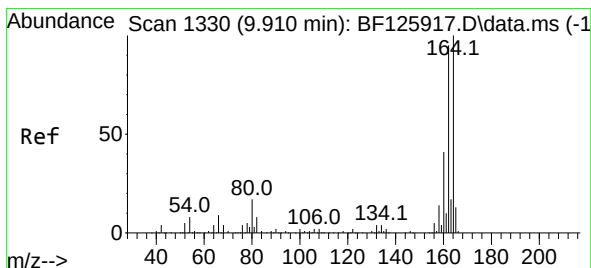
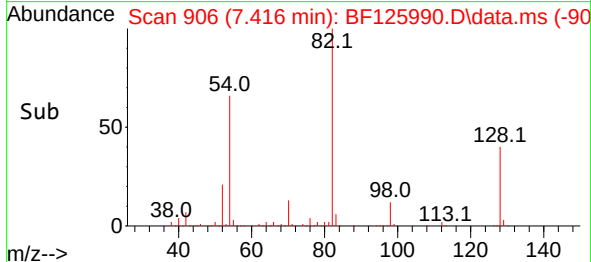
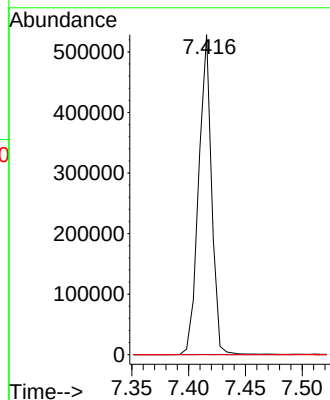
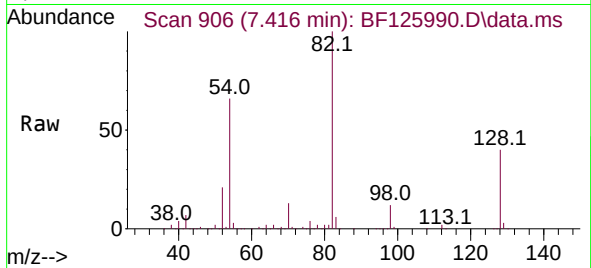




#25
Isophorone
Concen: 14.027 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

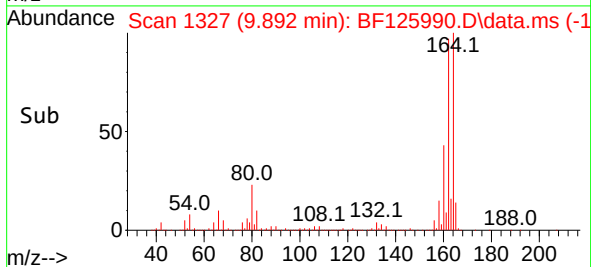
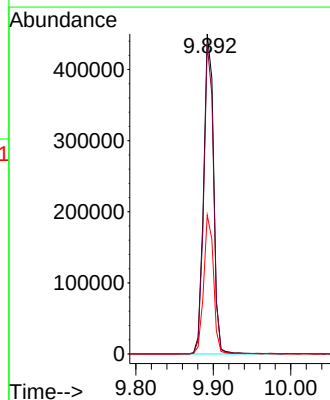
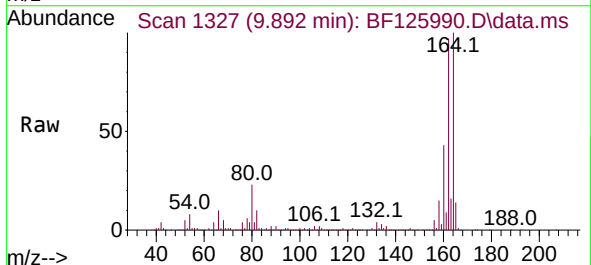
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

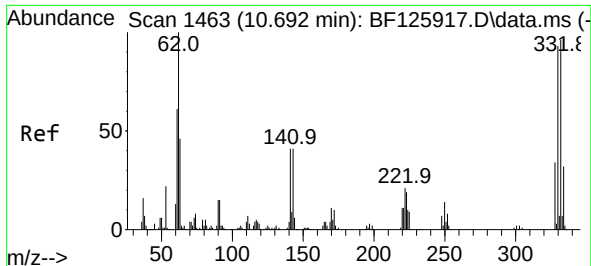
Tgt Ion: 82 Resp: 415966
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion: 164 Resp: 403440
Ion Ratio Lower Upper
164 100
162 96.7 81.3 121.9
160 43.4 38.0 57.0

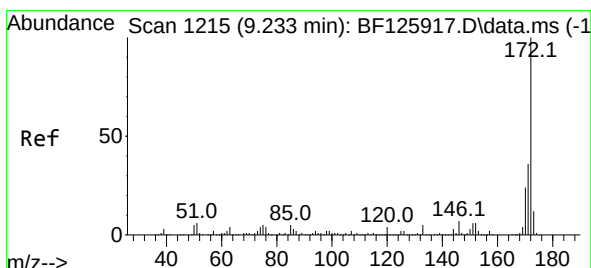
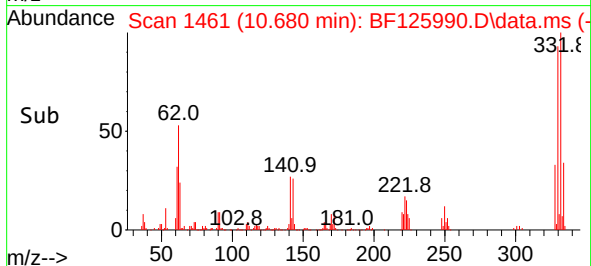
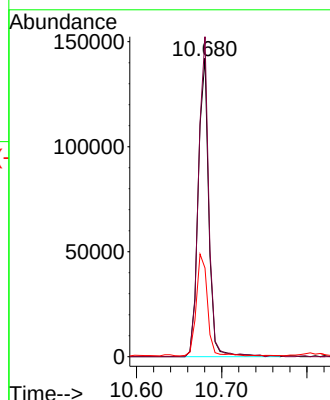
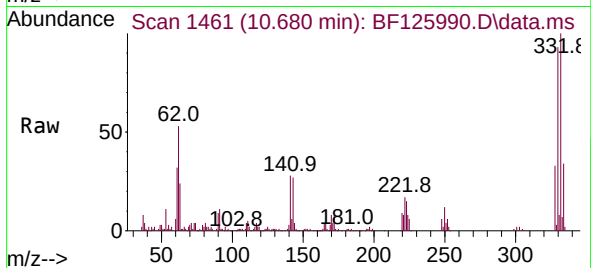




#42
2,4,6-Tribromophenol
Concen: 35.101 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

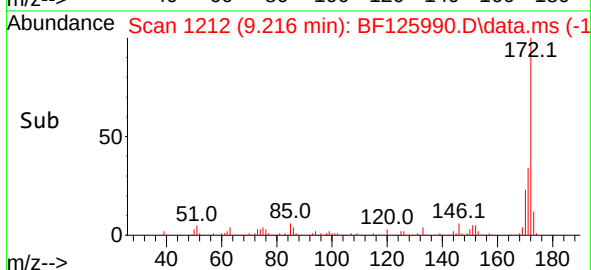
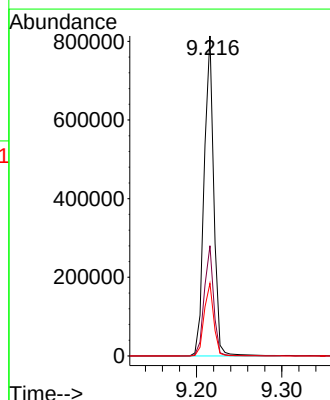
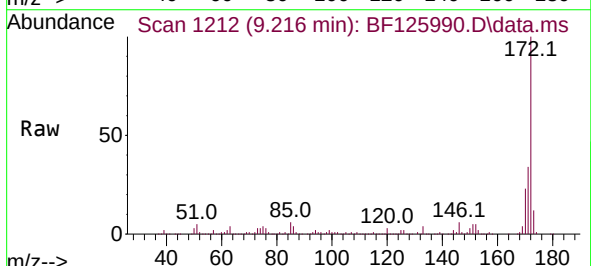
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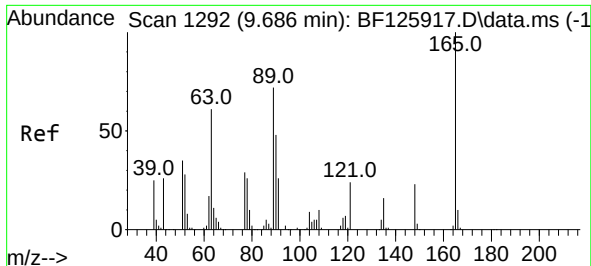
Tgt Ion:330 Resp: 123450
Ion Ratio Lower Upper
330 100
332 103.8 76.2 114.4
141 35.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 28.014 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:172 Resp: 639094
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 22.7 18.8 28.2

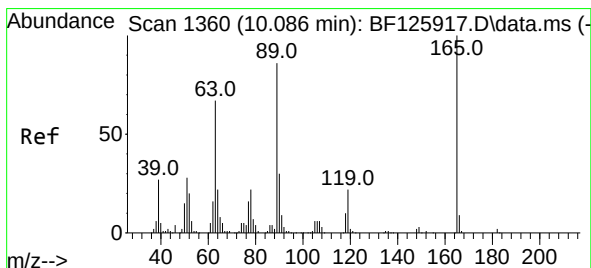
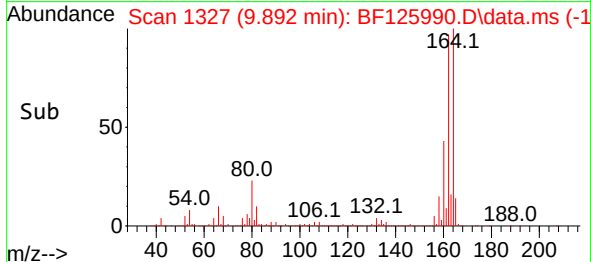
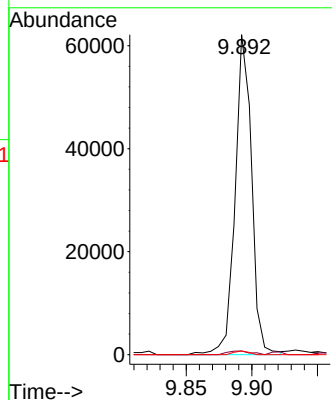
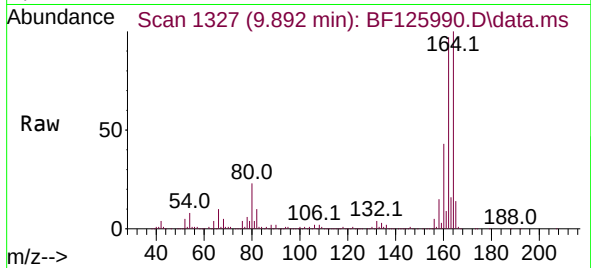




#51
2,6-Dinitrotoluene
Concen: 11.046 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

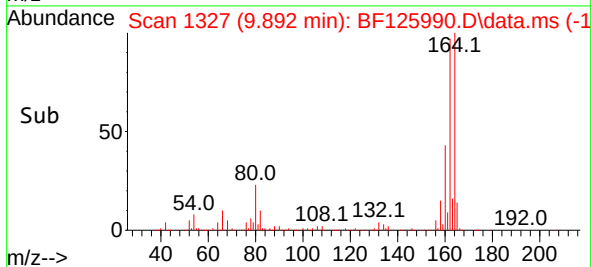
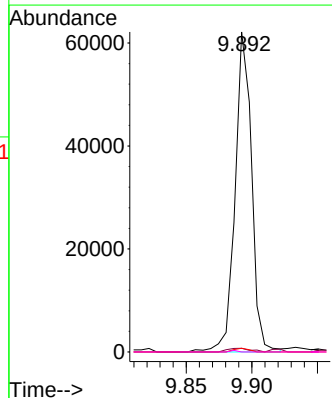
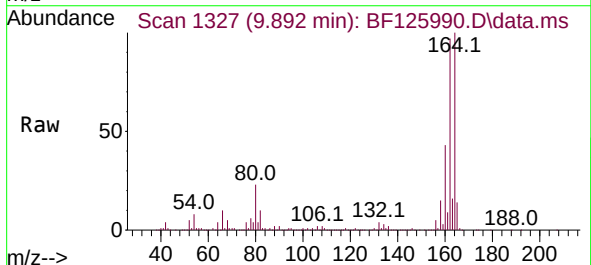
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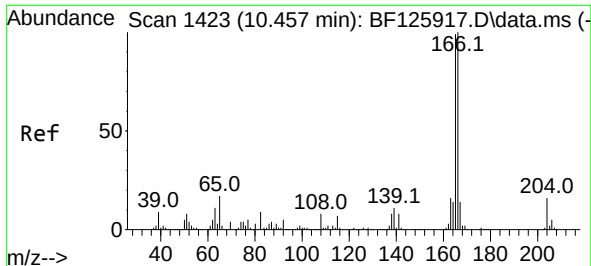
Tgt Ion:165 Resp: 54449
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.993 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:165 Resp: 54449
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

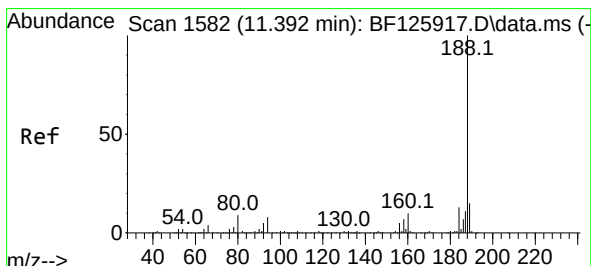
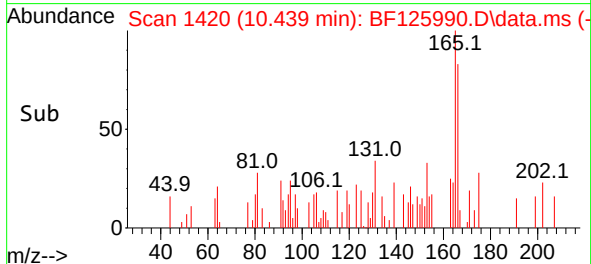
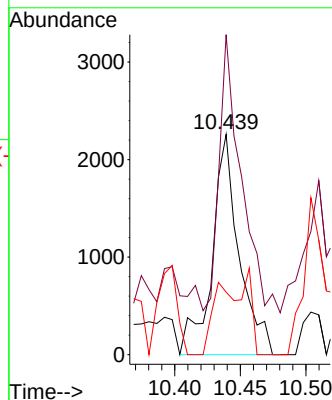
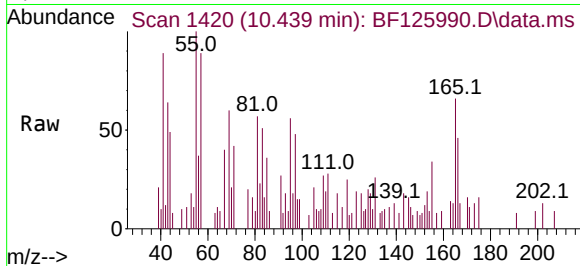




#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

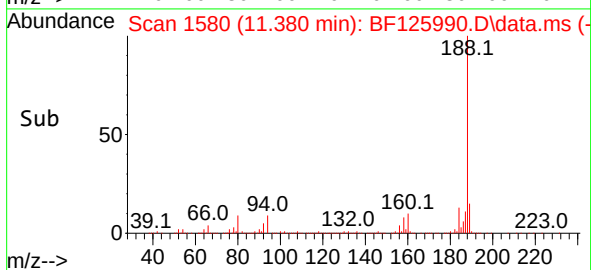
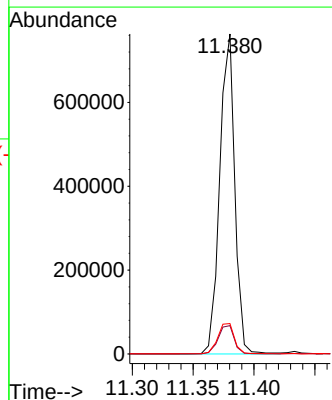
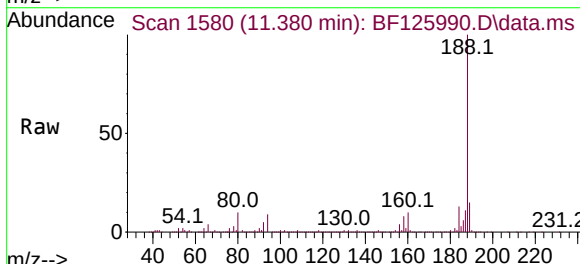
Instrument :
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ClientSampleId :
HD-02-102621

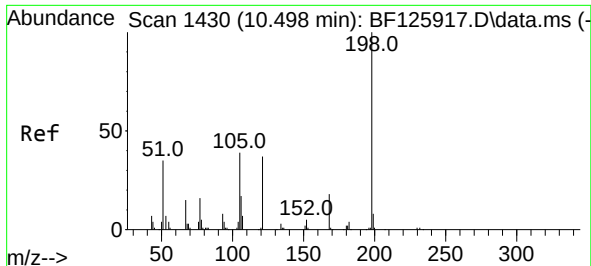
Tgt Ion:166 Resp: 3230
Ion Ratio Lower Upper
166 100
165 145.2 78.1 117.1#
167 28.4 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:188 Resp: 658130
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.5 7.5 11.3

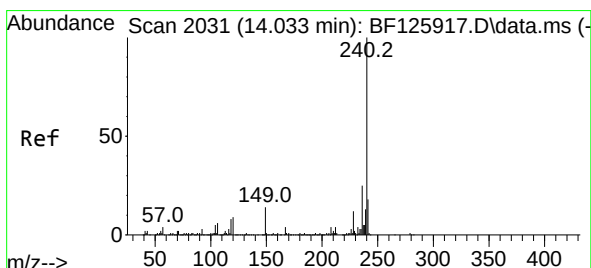
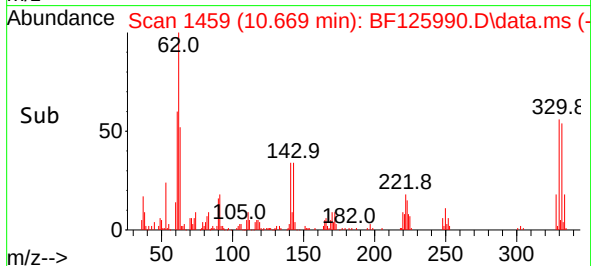
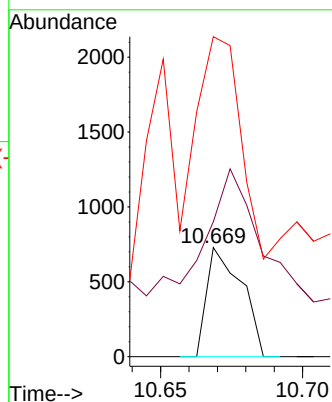
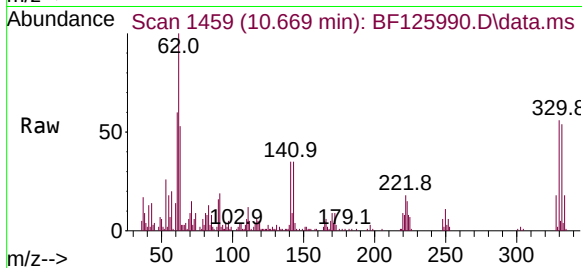




#65
4,6-Dinitro-2-methylphenol
Concen: 6.253 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.182 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

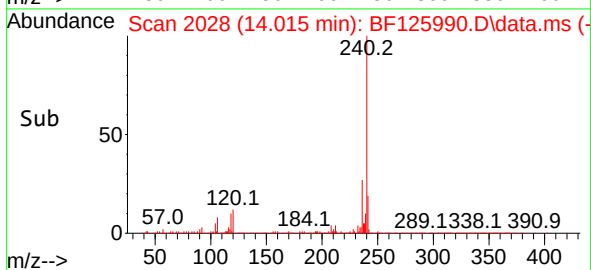
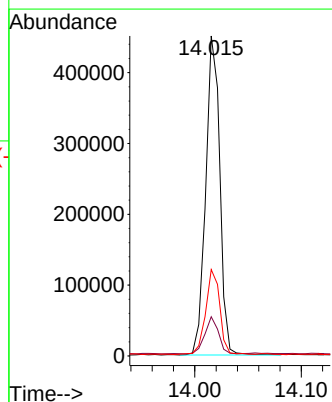
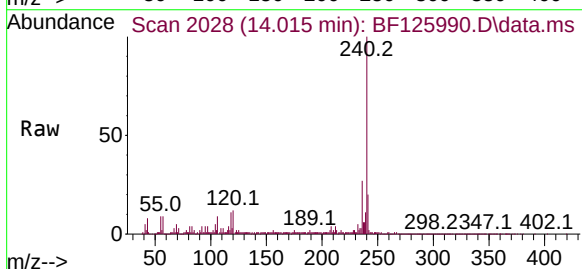
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

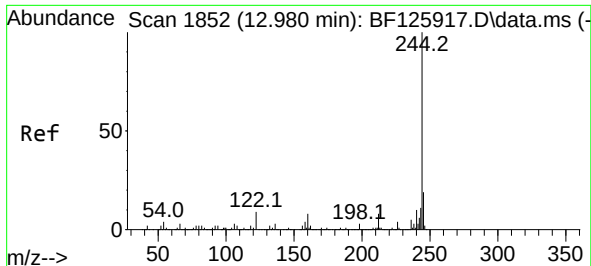
Tgt Ion:198 Resp: 621
Ion Ratio Lower Upper
198 100
51 123.6 45.3 85.3#
105 293.1 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:240 Resp: 417217
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 27.0 21.6 32.4

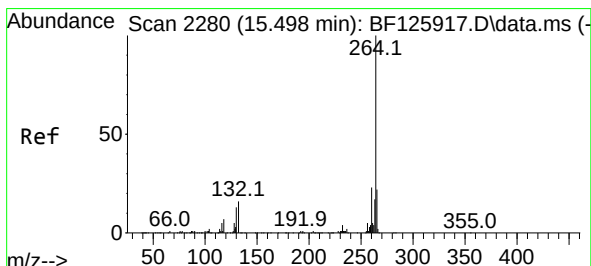
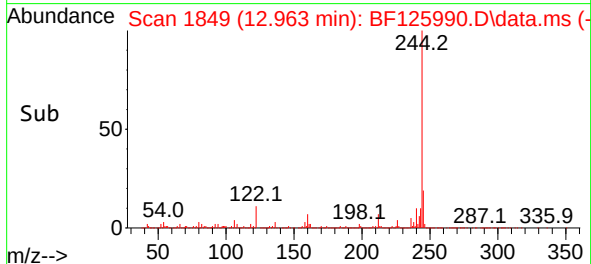
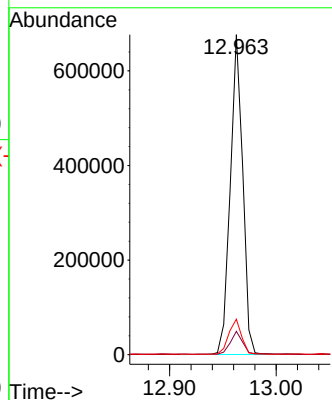
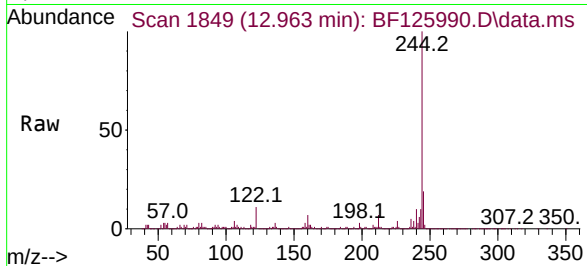




#79
Terphenyl-d14
Concen: 21.414 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

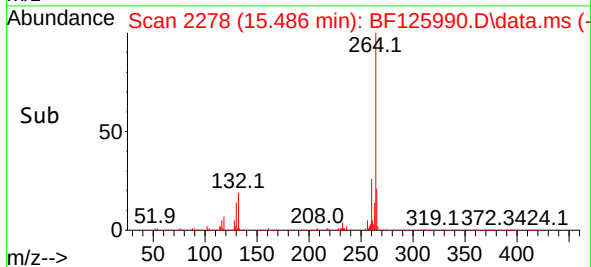
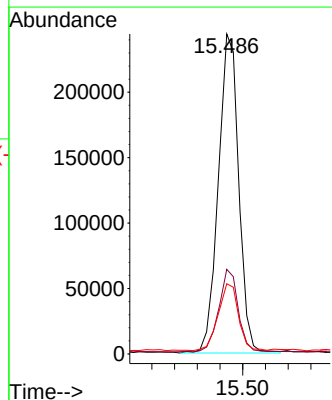
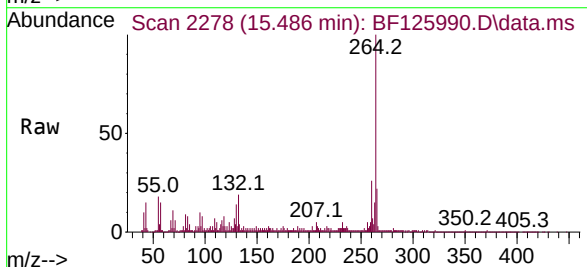
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

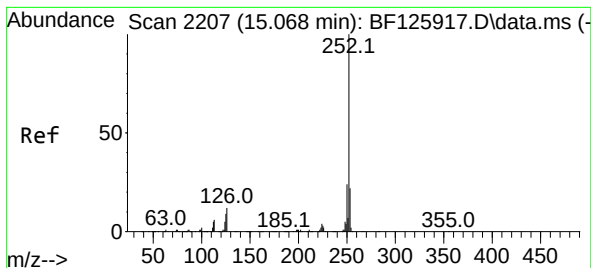
Tgt Ion:244 Resp: 546186
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Tgt Ion:264 Resp: 304002
Ion Ratio Lower Upper
264 100
260 26.5 19.6 29.4
265 22.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.129 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BF125990.D

Acq: 28 Oct 2021 15:47

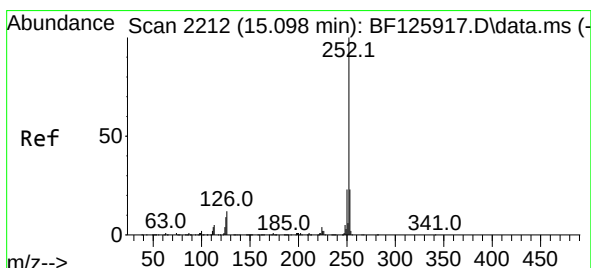
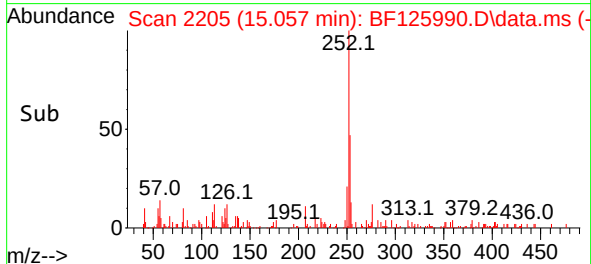
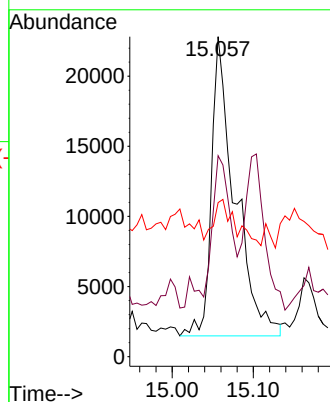
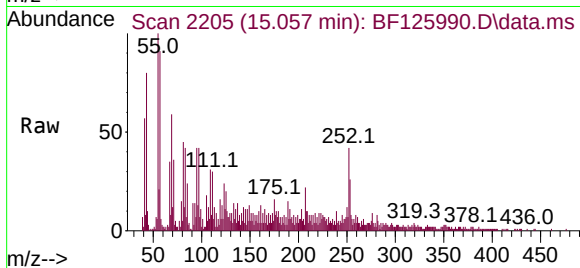
Instrument :

BNA_F

ClientSampleId :

HD-02-102621

Tgt Ion:	252	Resp:	42727
Ion Ratio	Lower	Upper	
252	100		
253	62.8	16.8	25.2#
125	48.2	9.8	14.8#



#89

Benzo(k)fluoranthene

Concen: 2.217 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.030 min

Lab File: BF125990.D

Acq: 28 Oct 2021 15:47

Tgt Ion:	252	Resp:	42727
Ion Ratio	Lower	Upper	
252	100		
253	62.8	17.8	26.8#
125	48.2	7.2	10.8#

