

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125999.D
 Acq On : 28 Oct 2021 20:36
 Operator : JU/CG
 Sample : M4372-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Oct 29 10:43:18 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)

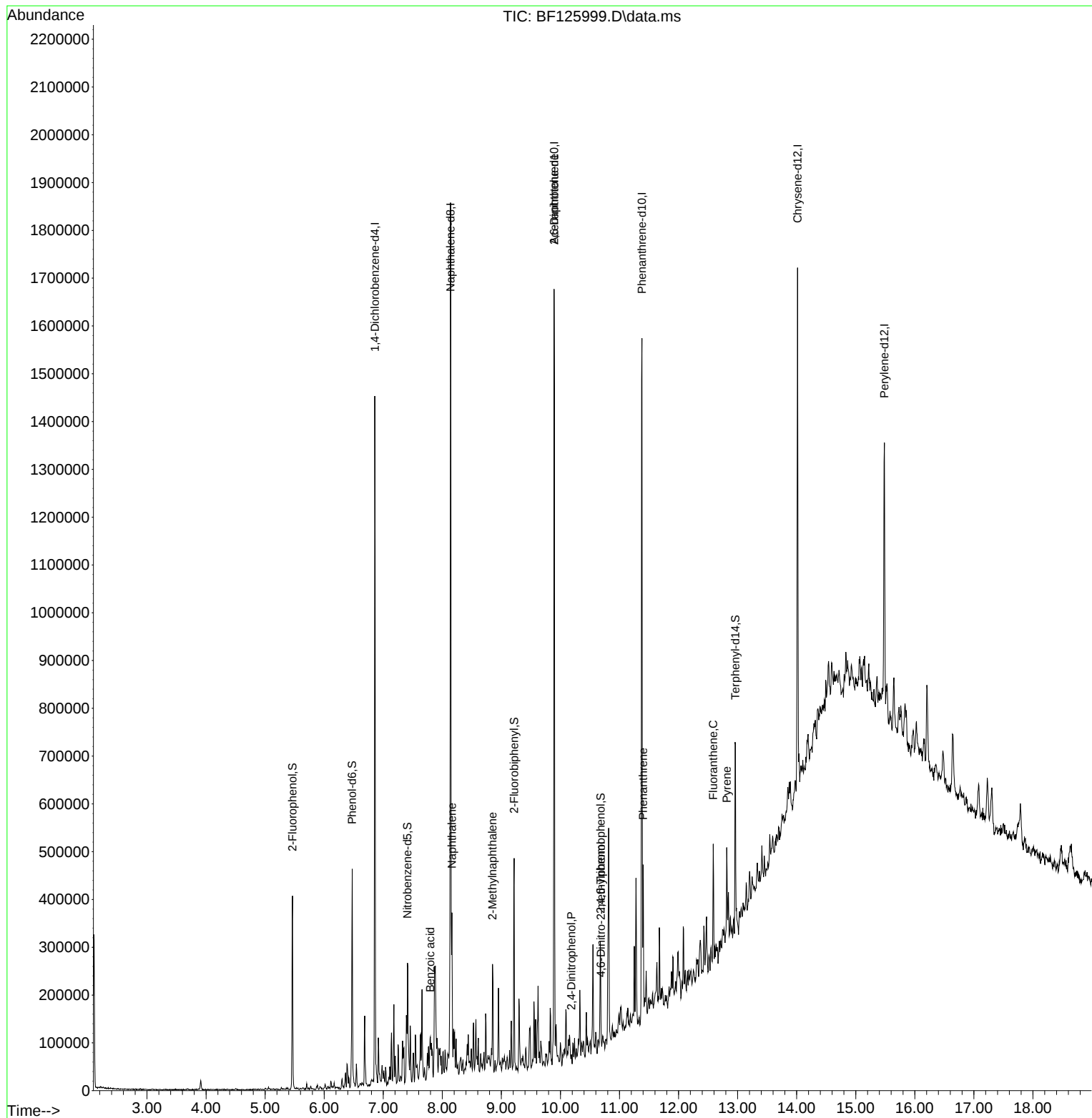
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	189169	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	700853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	339077	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	555035	20.000	ng	0.00
76) Chrysene-d12	14.015	240	349735	20.000	ng	0.00
86) Perylene-d12	15.486	264	249471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	99503	7.835	ng	-0.01
7) Phenol-d6	6.475	99	125899	7.228	ng	-0.01
23) Nitrobenzene-d5	7.410	82	72436	5.339	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	19745	6.680	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	128613	6.708	ng	0.00
79) Terphenyl-d14	12.963	244	123110	5.758	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.163	128	74879	2.101	ng	98
32) Benzoic acid	7.798	122	432	4.224	ng	# 1
37) 2-Methylnaphthalene	8.851	142	57942	2.526	ng	89
51) 2,6-Dinitrotoluene	9.892	165	45800	11.055	ng	# 28
54) 2,4-Dinitrophenol	10.186	184	132	7.191	ng	# 9
58) Fluorene	10.439	166	18913	Below Cal		95
65) 4,6-Dinitro-2-methylph...	10.686	198	146	6.118	ng	# 1
71) Phenanthrene	11.398	178	114182	3.965	ng	98
75) Fluoranthene	12.586	202	86803	2.990	ng	93
78) Pyrene	12.815	202	75439	2.318	ng	99

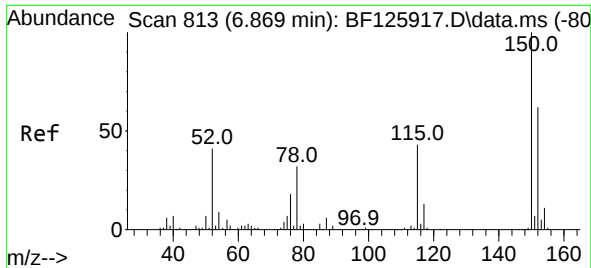
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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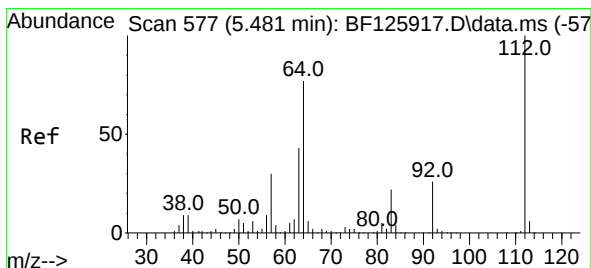
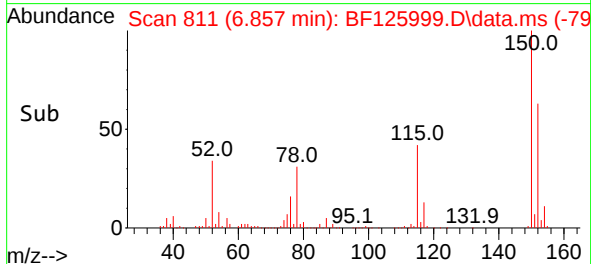
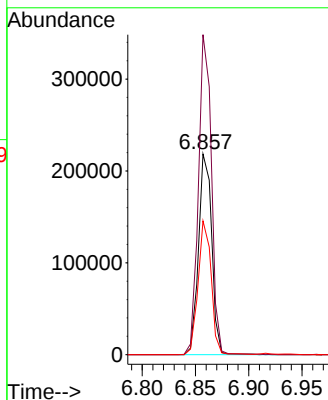
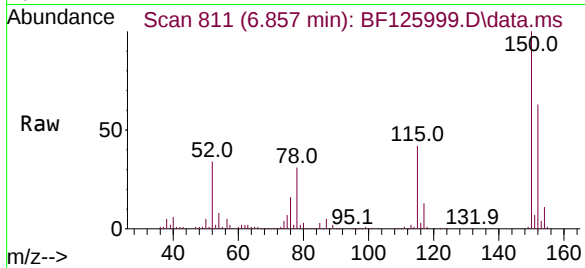




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

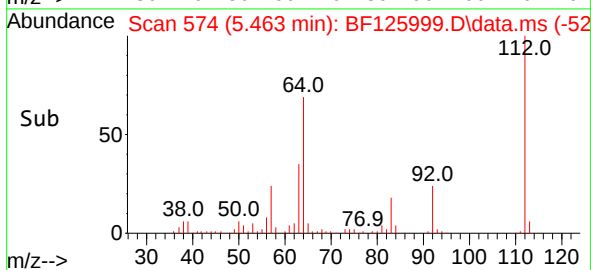
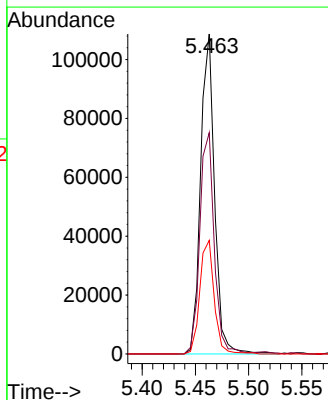
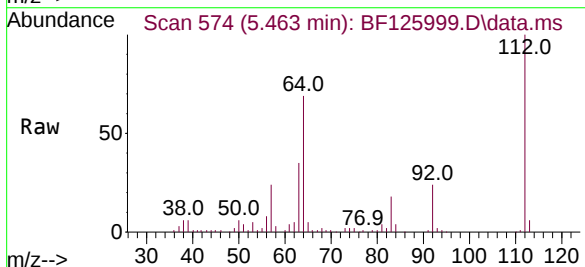
Instrument :
BNA_F
ClientSampleId :
SB-1

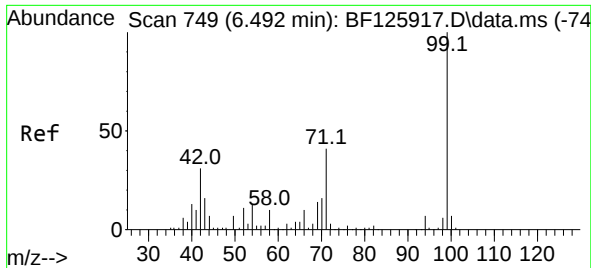
Tgt Ion:152 Resp: 189169
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 66.7 47.1 70.7



#5
2-Fluorophenol
Concen: 7.835 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:112 Resp: 99503
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 35.5 26.2 39.2

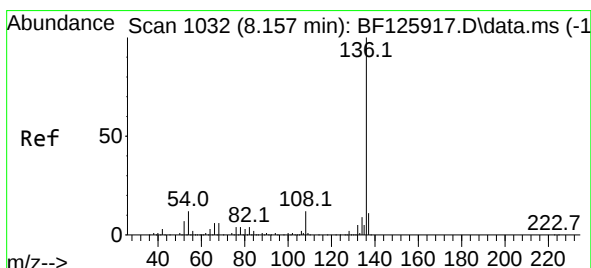
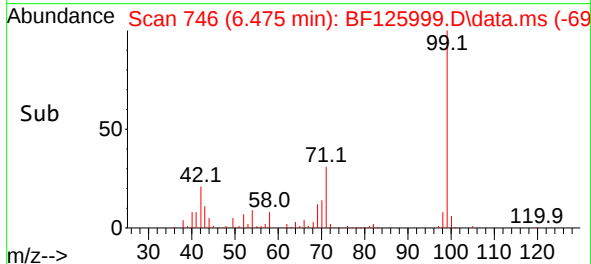
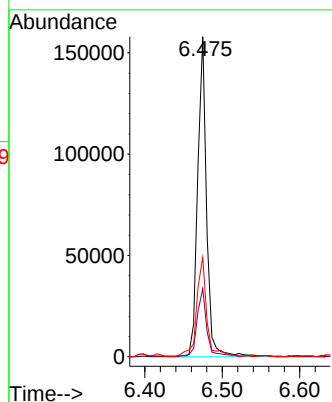
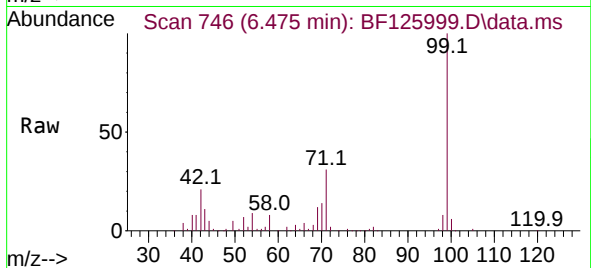




#7
Phenol-d6
Concen: 7.228 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

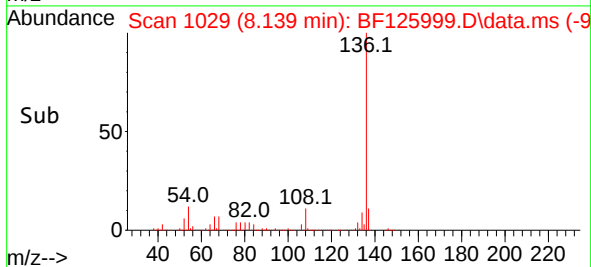
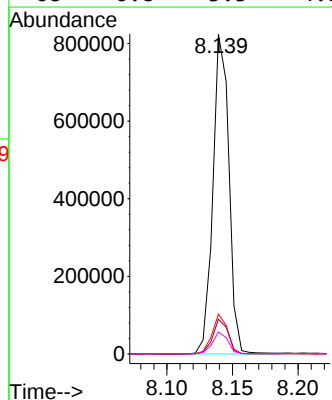
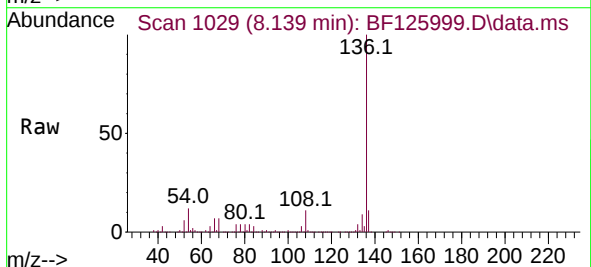
Instrument :
BNA_F
ClientSampleId :
SB-1

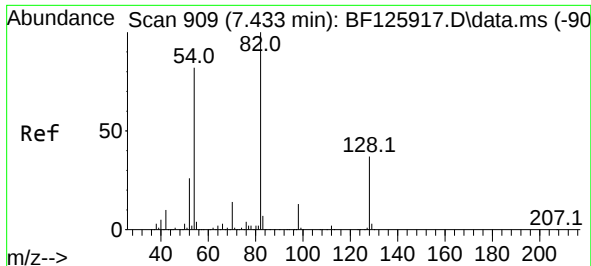
Tgt Ion:	99	Resp:	125899
Ion	Ratio	Lower	Upper
99	100		
42	21.3	23.5	35.3#
71	31.1	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:	136	Resp:	700853
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	12.5	6.4	9.6#
68	6.8	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 5.339 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF125999.D

Acq: 28 Oct 2021 20:36

Instrument :

BNA_F

ClientSampleId :

SB-1

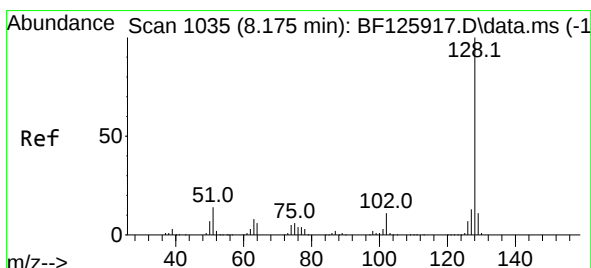
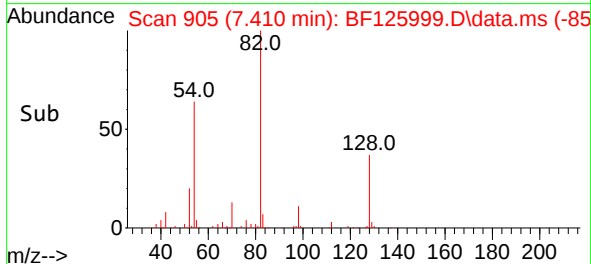
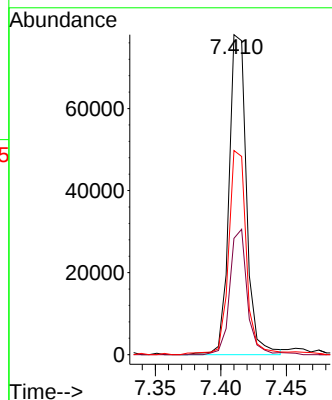
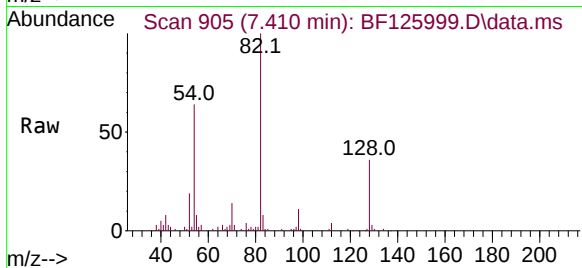
Tgt Ion: 82 Resp: 72436

Ion Ratio Lower Upper

82 100

128 36.3 40.6 60.8#

54 63.8 49.6 74.4



#31

Naphthalene

Concen: 2.101 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF125999.D

Acq: 28 Oct 2021 20:36

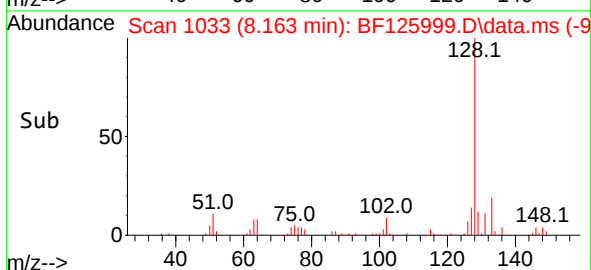
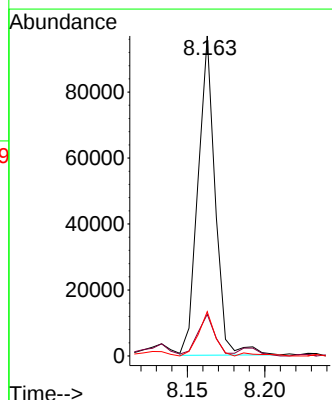
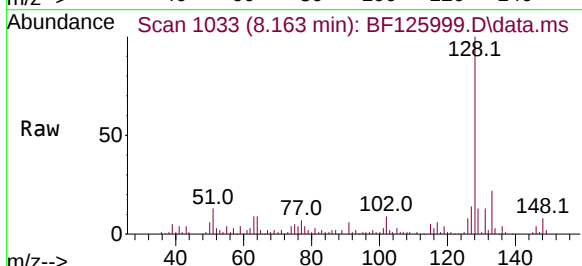
Tgt Ion: 128 Resp: 74879

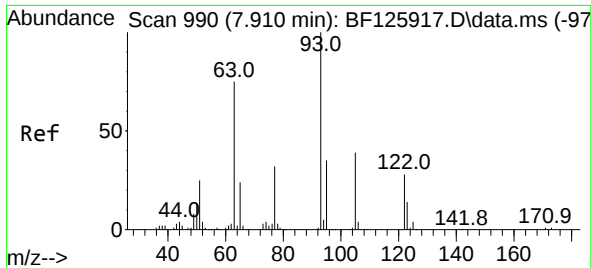
Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.0

127 13.9 10.9 16.3

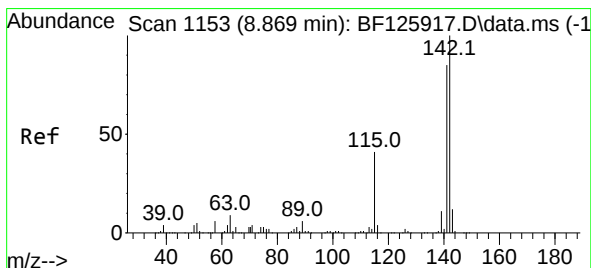
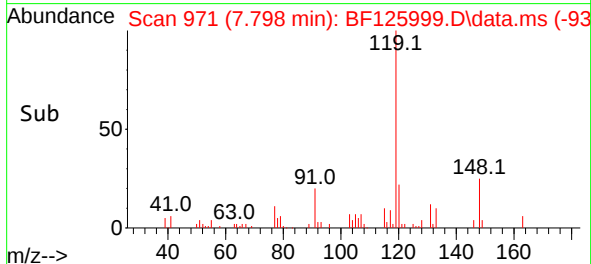
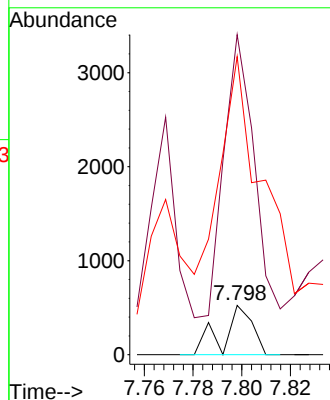
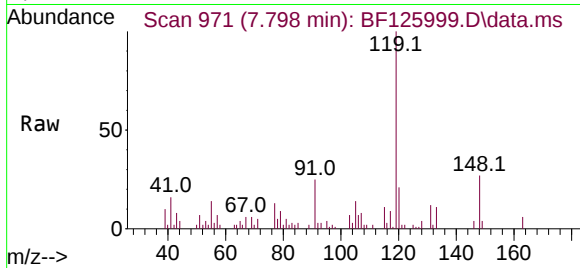




#32
Benzoic acid
Concen: 4.224 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.112 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

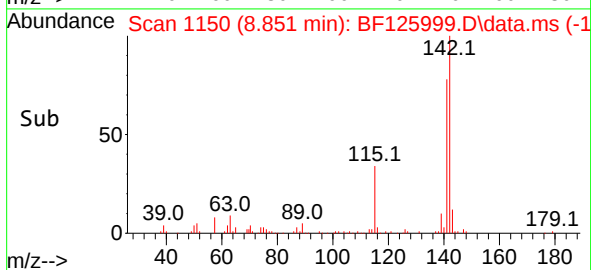
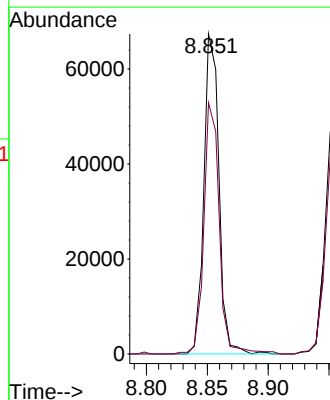
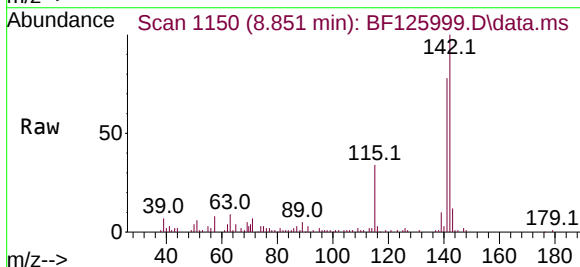
Instrument :
BNA_F
ClientSampleId :
SB-1

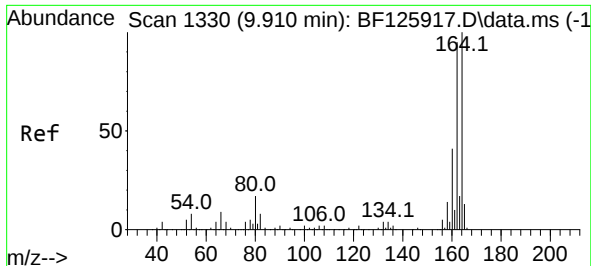
Tgt Ion:122 Resp: 432
Ion Ratio Lower Upper
122 100
105 648.6 97.6 137.6#
77 604.0 59.6 99.6#



#37
2-Methylnaphthalene
Concen: 2.526 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:142 Resp: 57942
Ion Ratio Lower Upper
142 100
141 78.5 71.2 106.8

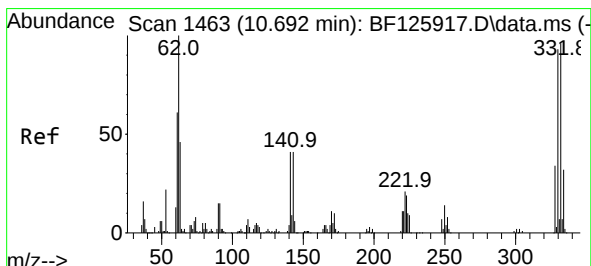
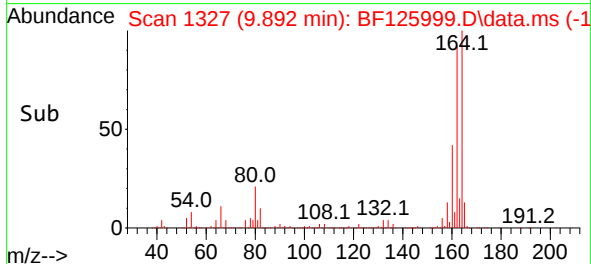
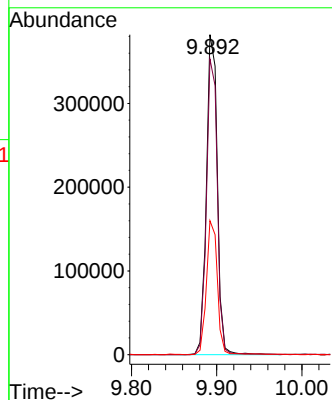
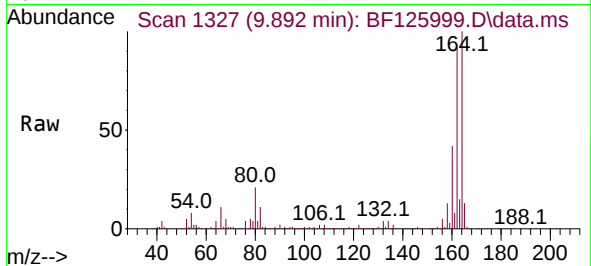




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

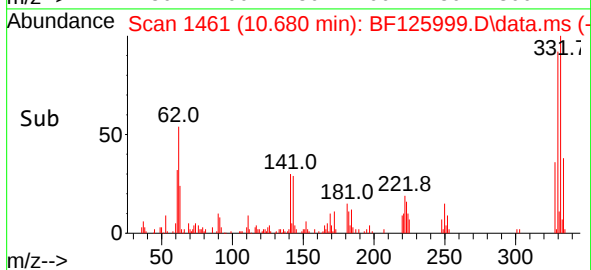
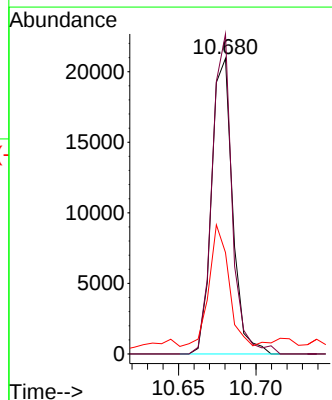
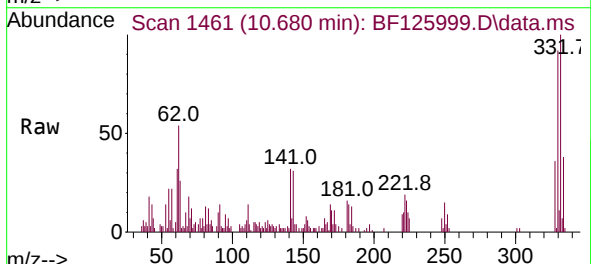
Instrument :
BNA_F
ClientSampleId :
SB-1

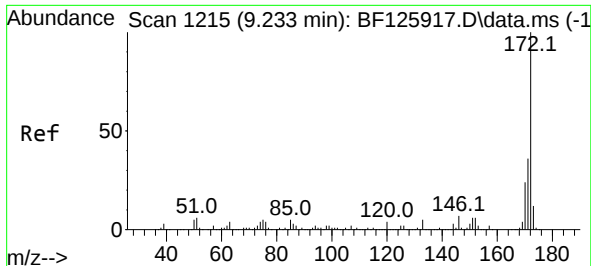
Tgt Ion:164 Resp: 339077
Ion Ratio Lower Upper
164 100
162 92.4 81.3 121.9
160 41.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 6.680 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:330 Resp: 19745
Ion Ratio Lower Upper
330 100
332 102.4 76.2 114.4
141 38.6 44.6 66.8#

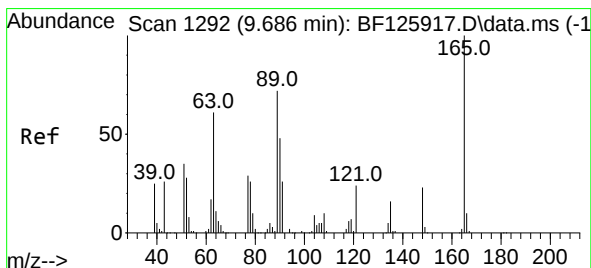
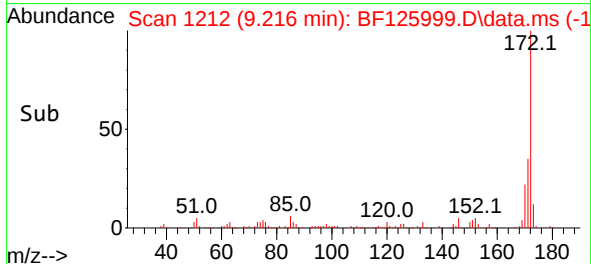
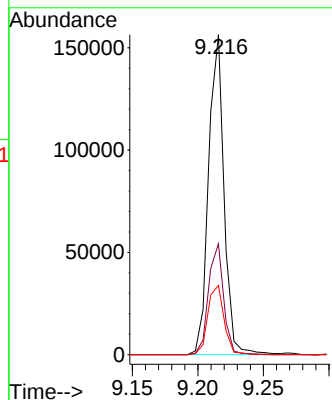
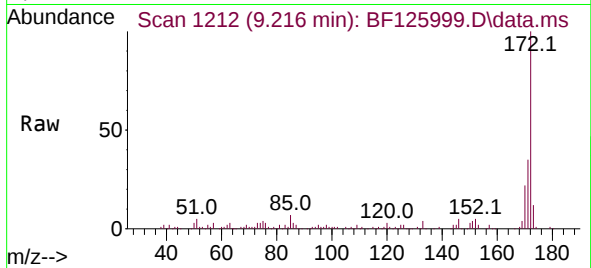




#45
2-Fluorobiphenyl
Concen: 6.708 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

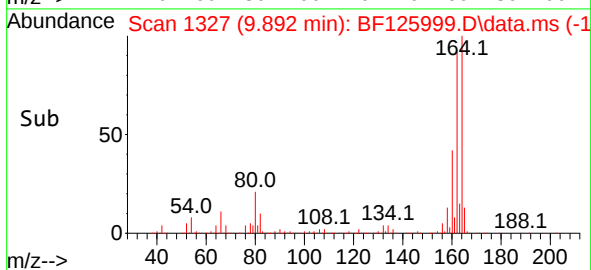
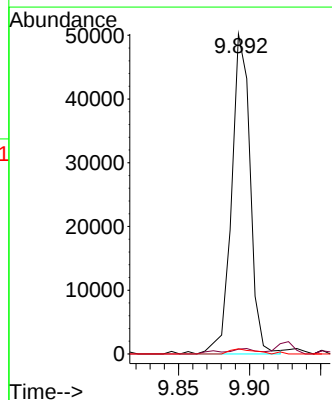
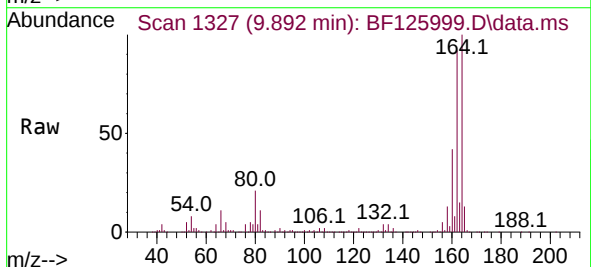
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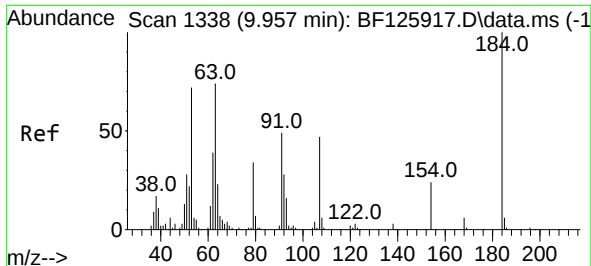
Tgt Ion:172 Resp: 128613
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 21.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 11.055 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:165 Resp: 45800
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.6 40.6 60.8#

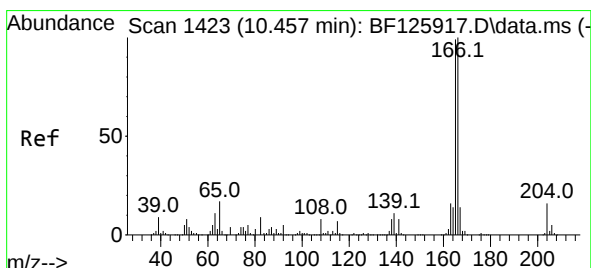
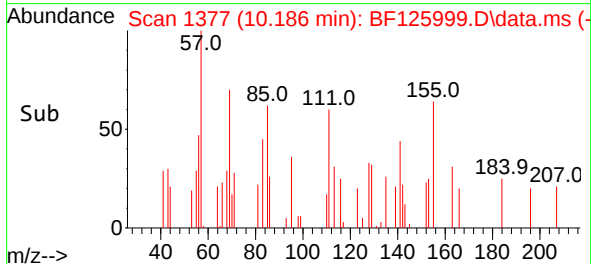
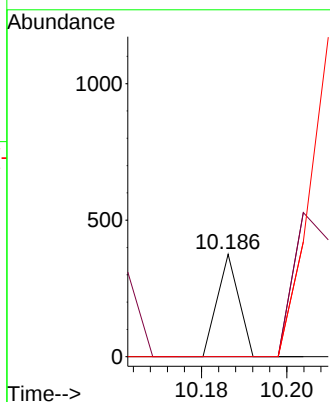
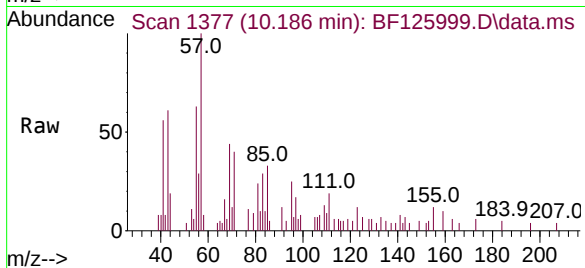




#54
2,4-Dinitrophenol
Concen: 7.191 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.235 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

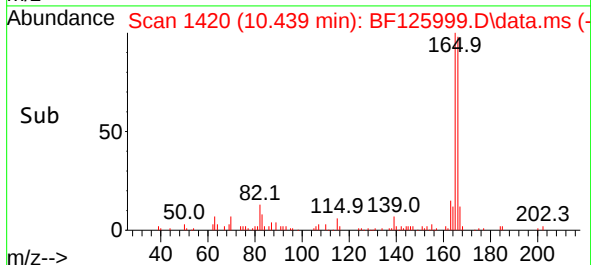
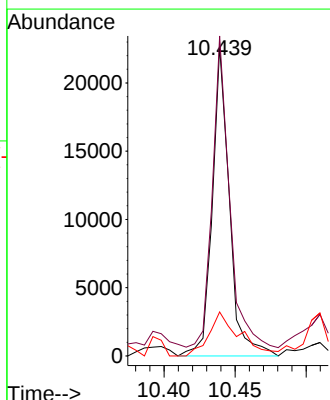
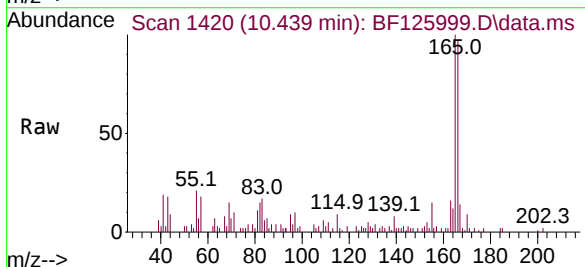
Instrument :
BNA_F
ClientSampled :
SB-1

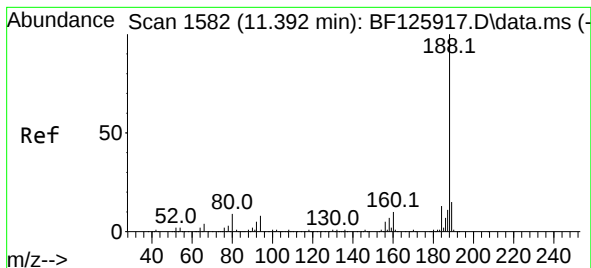
Tgt Ion:184 Resp: 132
Ion Ratio Lower Upper
184 100
63 0.0 59.3 88.9#
154 0.0 68.6 102.8#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:166 Resp: 18913
Ion Ratio Lower Upper
166 100
165 103.4 78.1 117.1
167 14.2 11.1 16.7

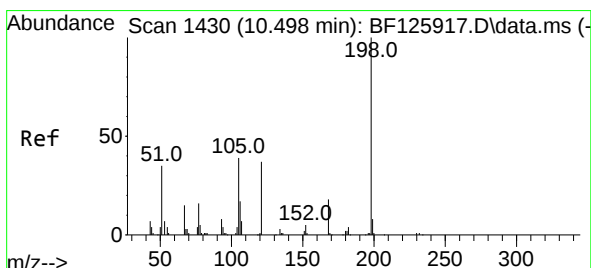
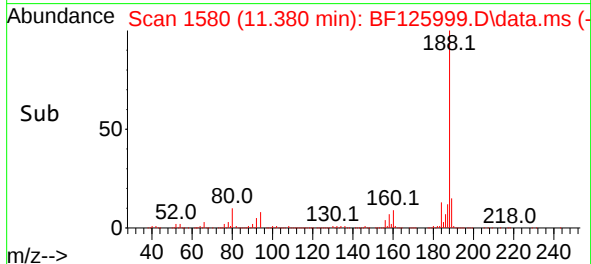
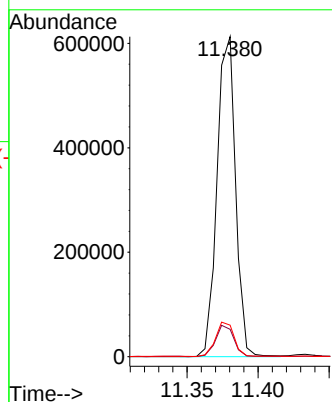
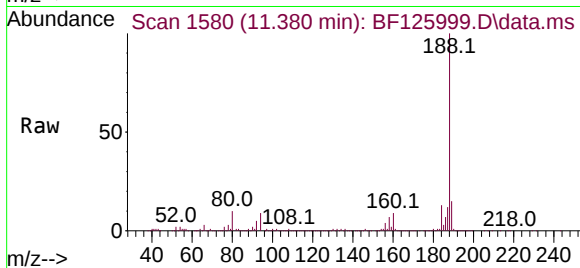




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

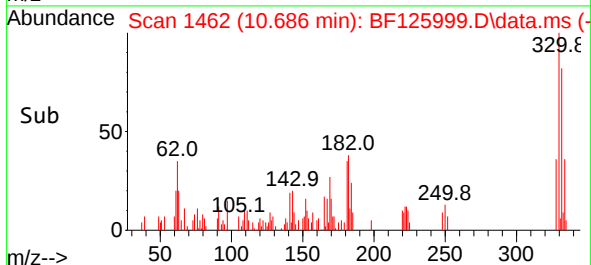
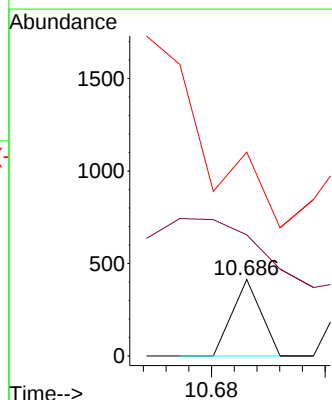
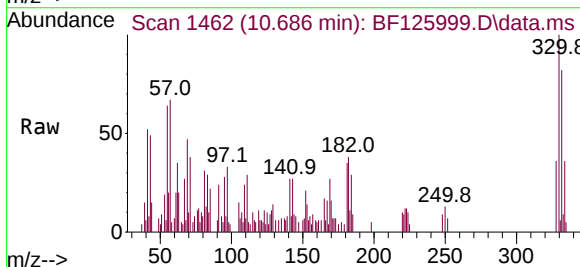
Instrument :
BNA_F
ClientSampleId :
SB-1

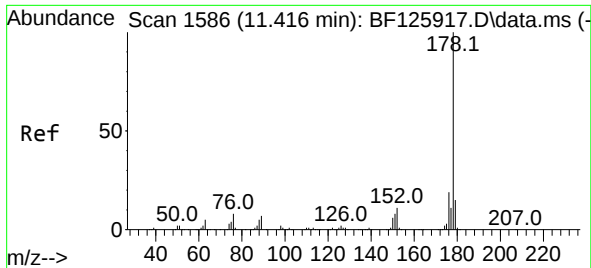
Tgt Ion:188 Resp: 555035
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.118 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.200 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:198 Resp: 146
Ion Ratio Lower Upper
198 100
51 158.6 45.3 85.3#
105 266.8 30.6 70.6#

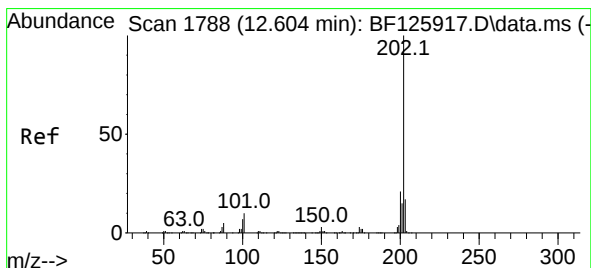
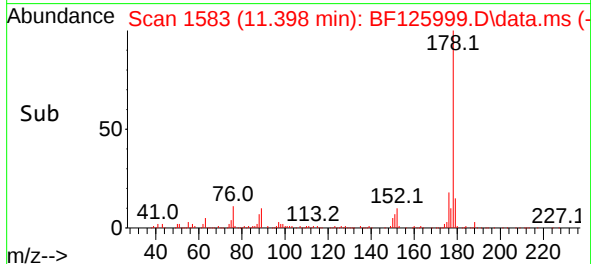
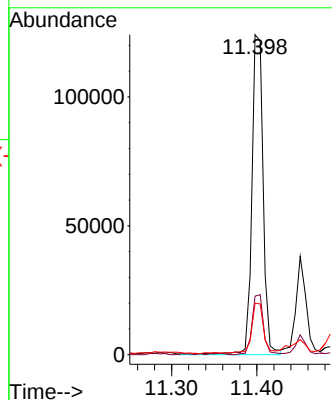
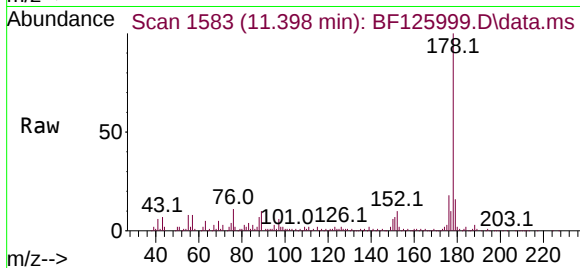




#71
Phenanthrene
Concen: 3.965 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

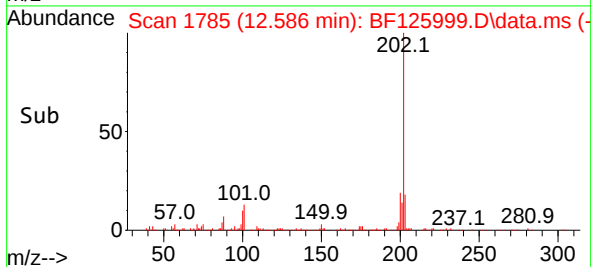
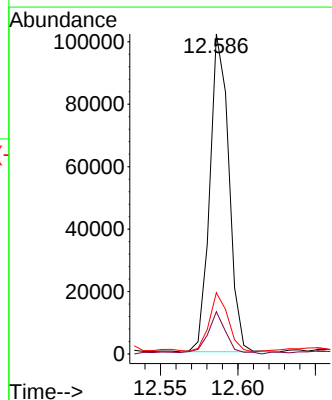
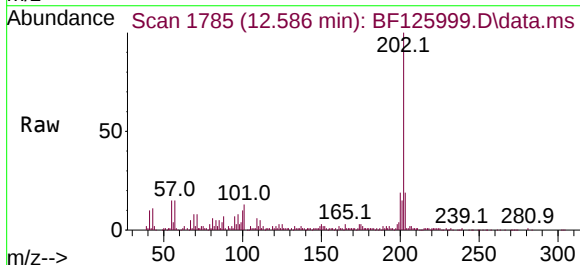
Instrument :
BNA_F
ClientSampleId :
SB-1

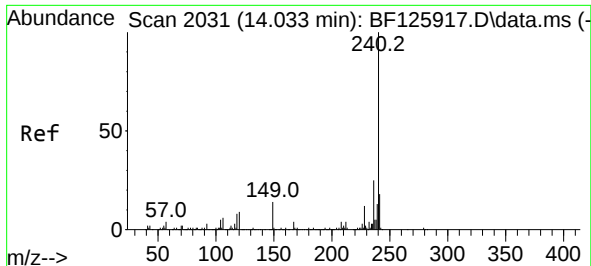
Tgt Ion:178 Resp: 114182
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 16.1 11.5 17.3



#75
Fluoranthene
Concen: 2.990 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:202 Resp: 86803
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 19.2 0.0 36.3

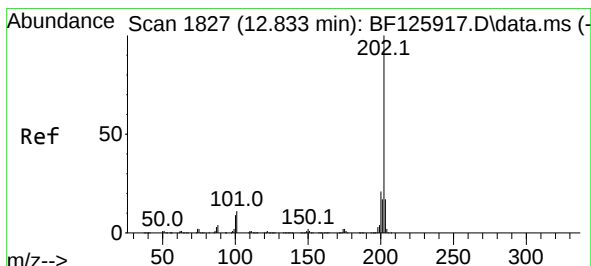
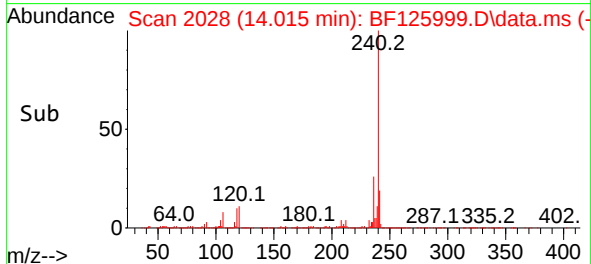
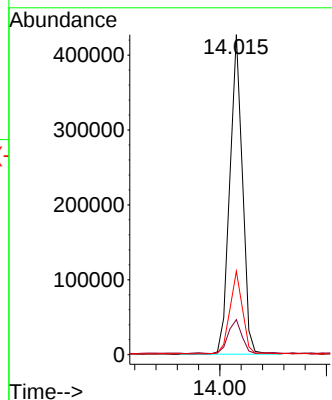
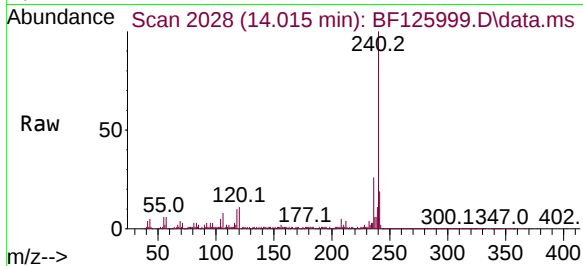




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

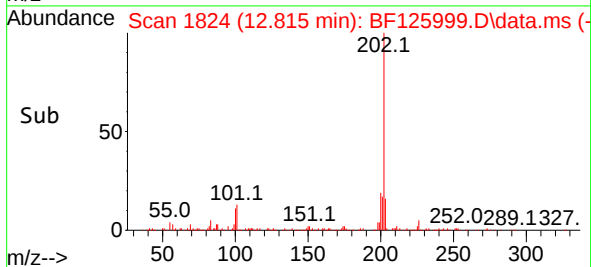
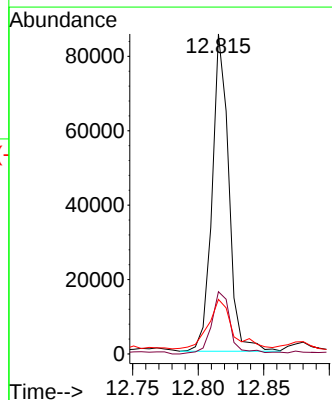
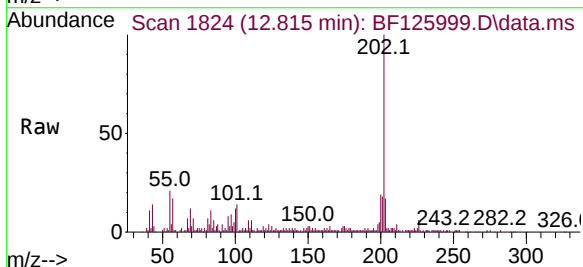
Instrument :
BNA_F
ClientSampleId :
SB-1

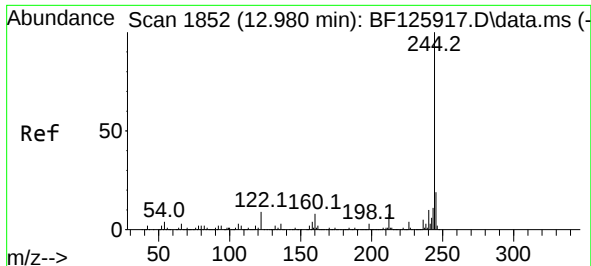
Tgt Ion:240 Resp: 349735
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.1 21.6 32.4



#78
Pyrene
Concen: 2.318 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:202 Resp: 75439
Ion Ratio Lower Upper
202 100
200 19.5 15.3 22.9
203 17.0 13.4 20.0

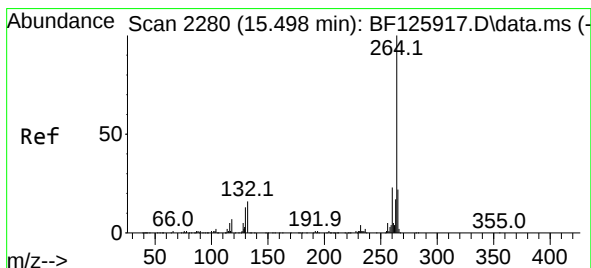
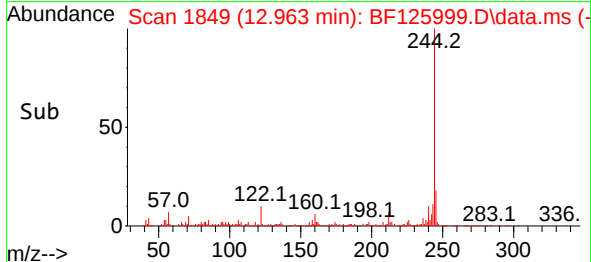
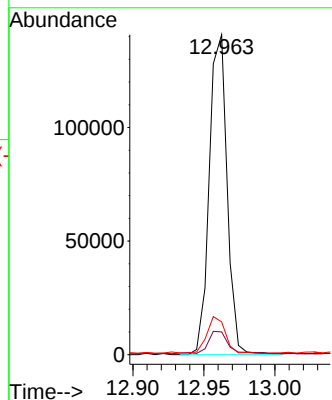
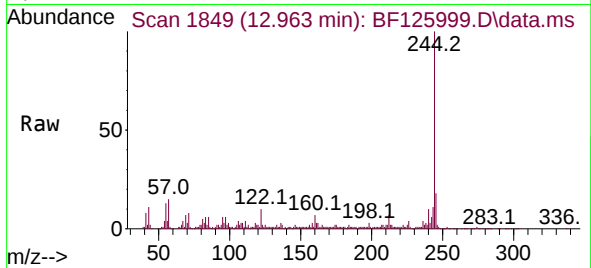




#79
Terphenyl-d14
Concen: 5.758 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125999.D
Acq: 28 Oct 2021 20:36

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:244 Resp: 123110
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.2 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: BF125999.D
Acq: 28 Oct 2021 20:36

Tgt Ion:264 Resp: 249471
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.1 17.2 25.8

