

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

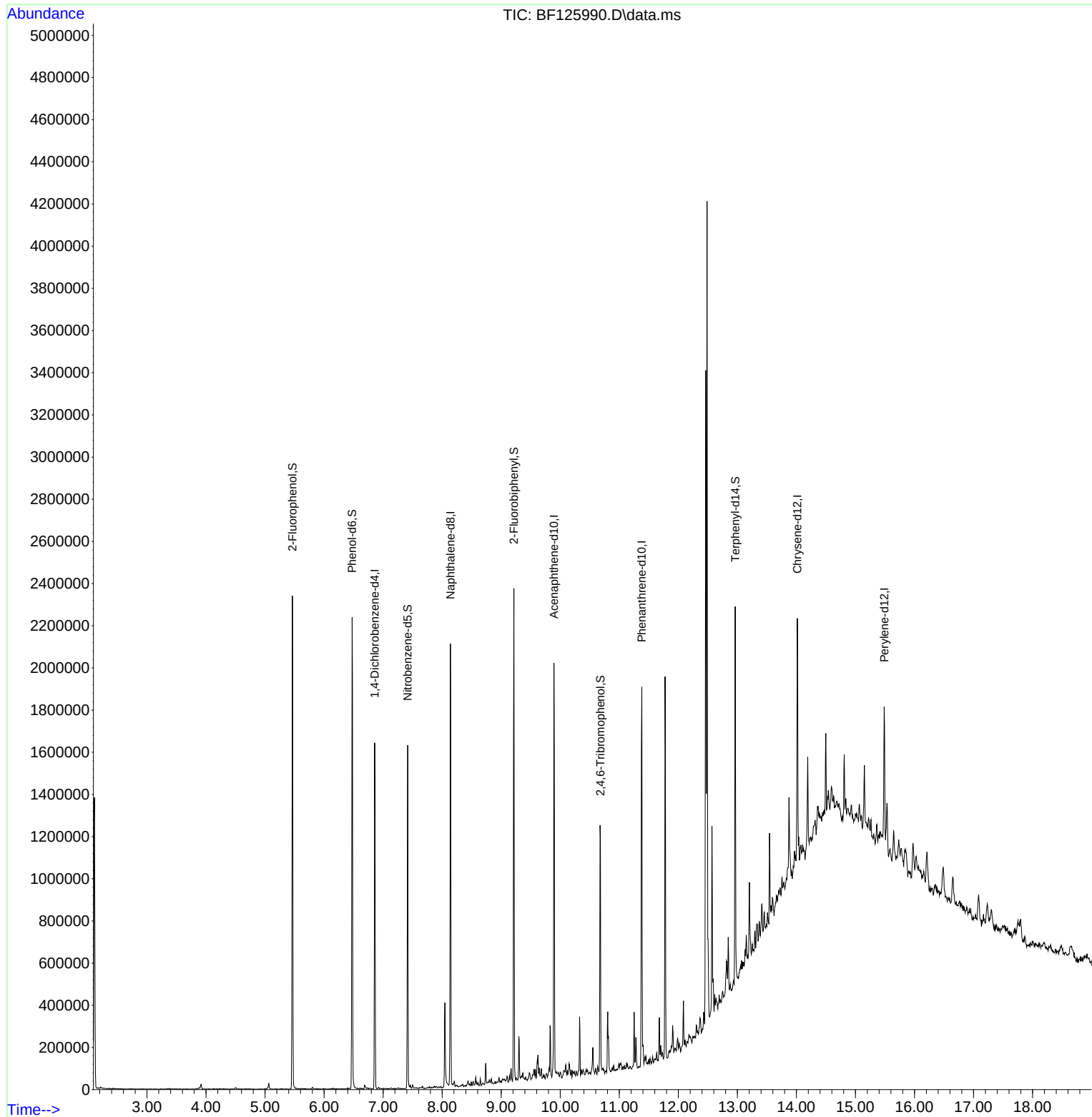
Target Compounds	Qvalue

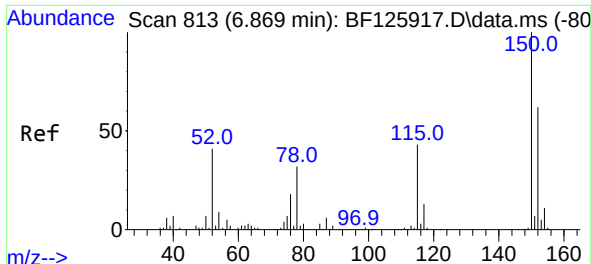
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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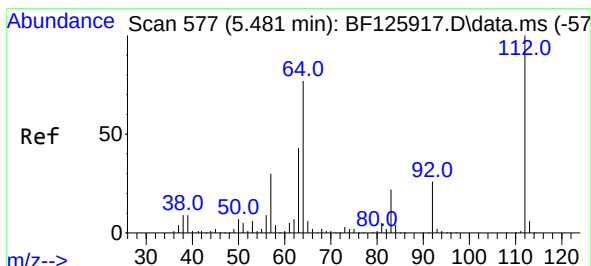
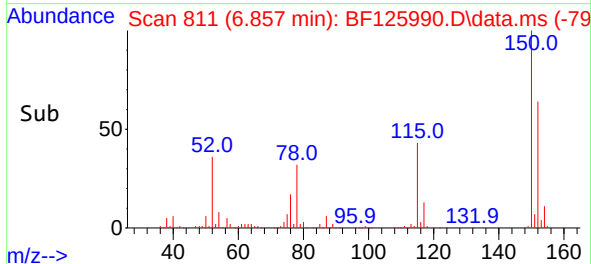
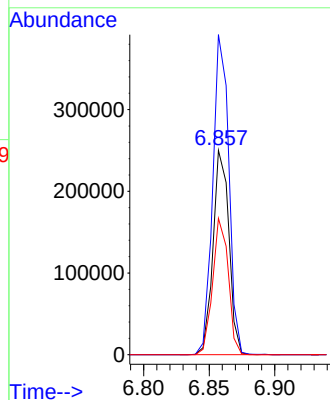
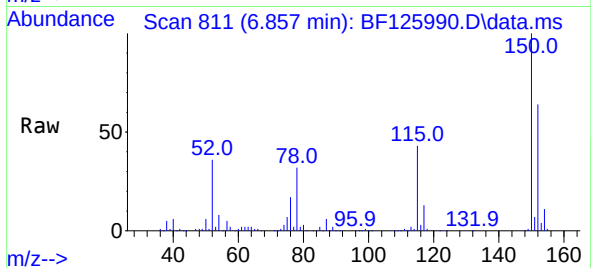




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

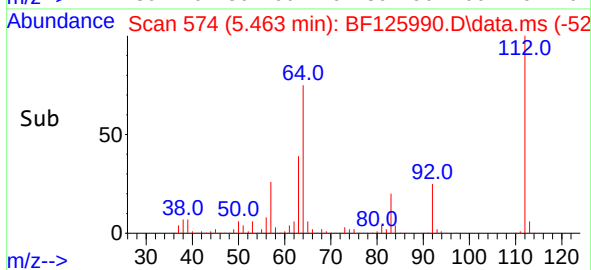
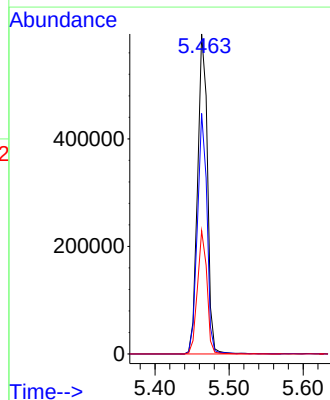
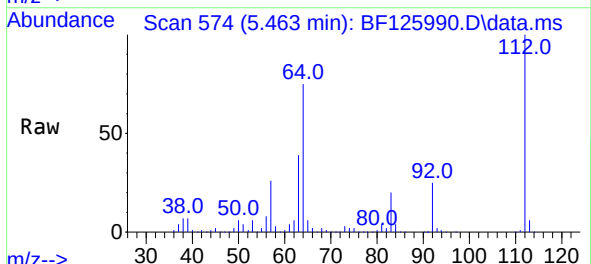
Instrument :
BNA_F
ClientSampleId :
HD-02-102621

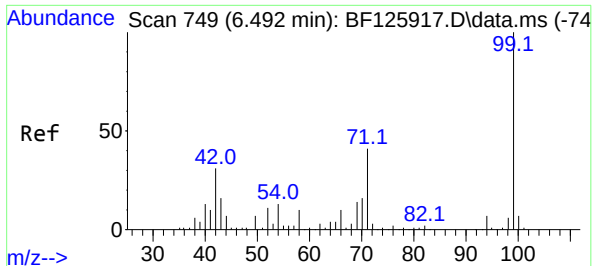
Tgt Ion:152 Resp: 210620
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 66.7 47.1 70.7



#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

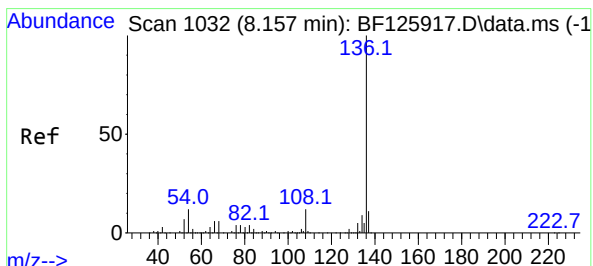
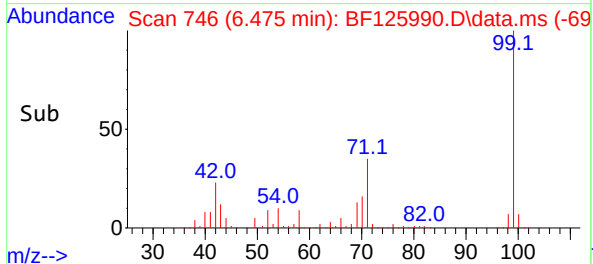
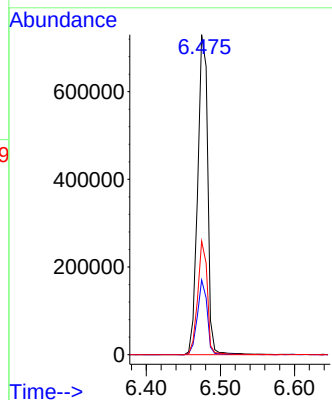
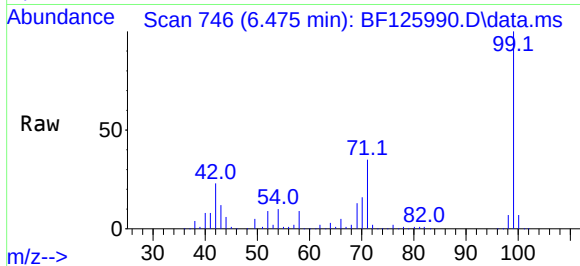




#7
Phenol-d6
Concen: 35.423 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

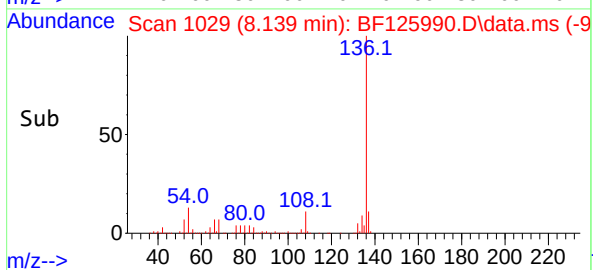
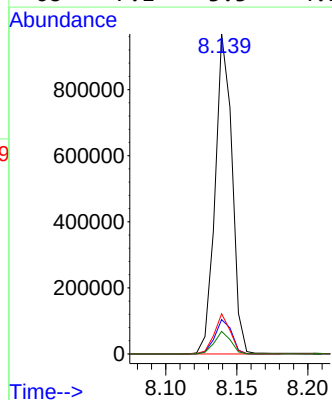
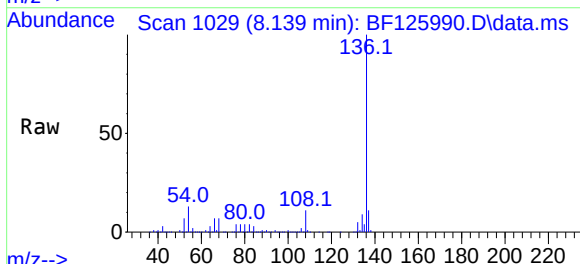
Instrument :
BNA_F
ClientSampled :
HD-02-102621

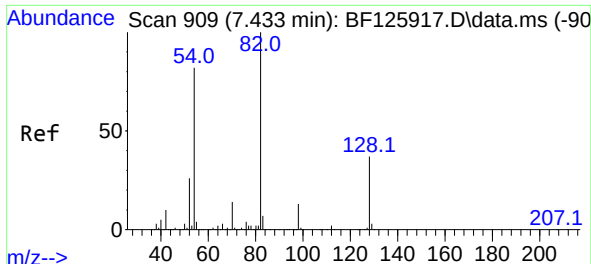
Tgt Ion: 99 Resp: 687001
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 35.5 25.6 38.4



#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

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

Instrument :

BNA_F

ClientSampleId :

HD-02-102621

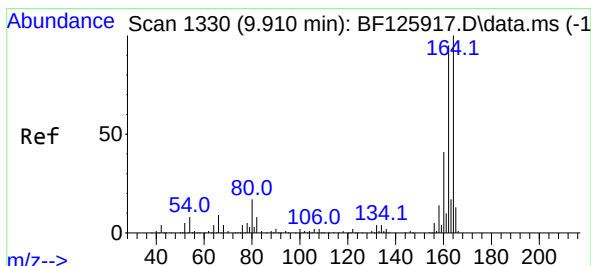
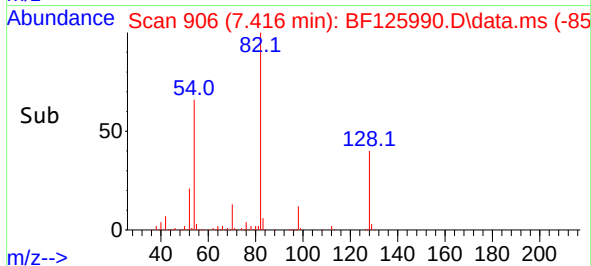
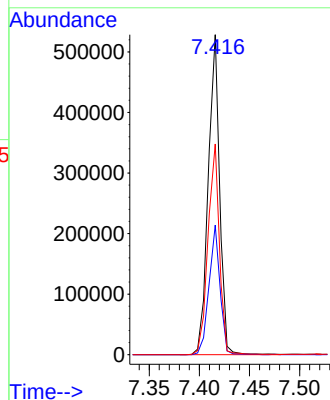
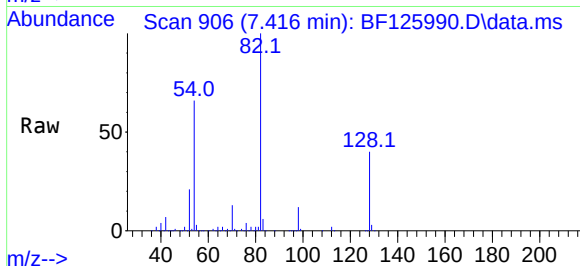
Tgt Ion: 82 Resp: 418678

Ion Ratio Lower Upper

82 100

128 40.5 40.6 60.8#

54 65.9 49.6 74.4



#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

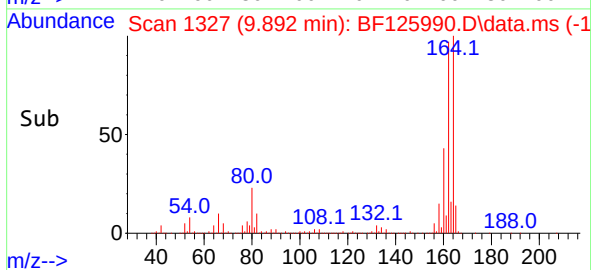
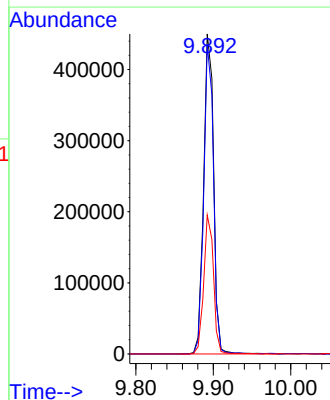
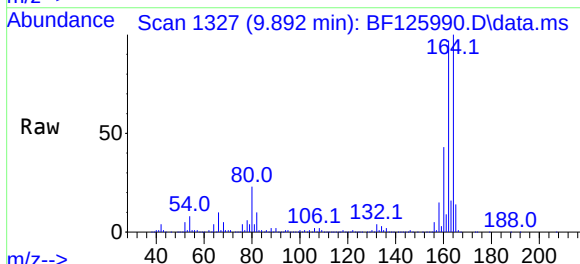
Tgt Ion:164 Resp: 403440

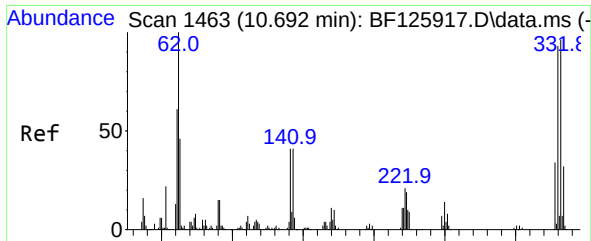
Ion Ratio Lower Upper

164 100

162 96.7 81.3 121.9

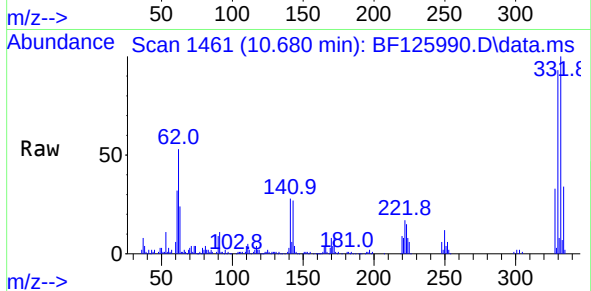
160 43.4 38.0 57.0



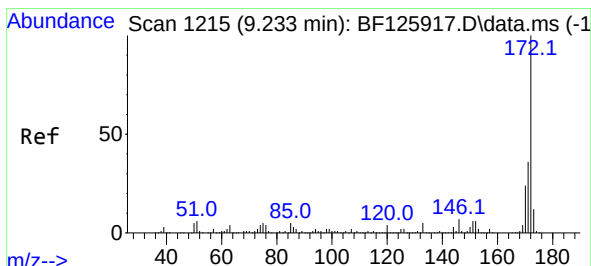
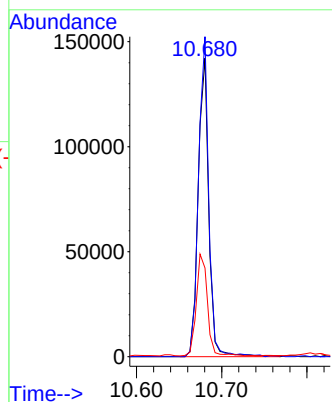
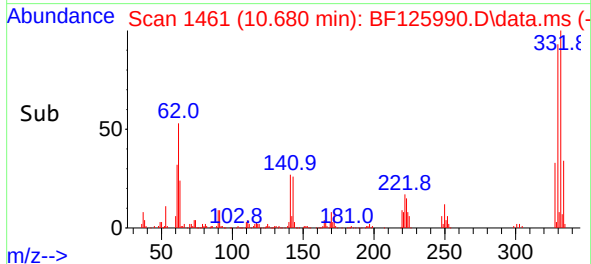


#42
2,4,6-Tribromophenol
Concen: 35.101 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

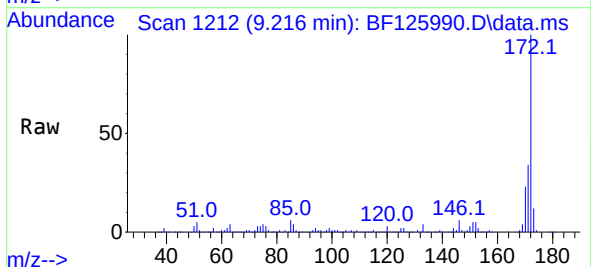
Instrument :
BNA_F
ClientSampleId :
HD-02-102621



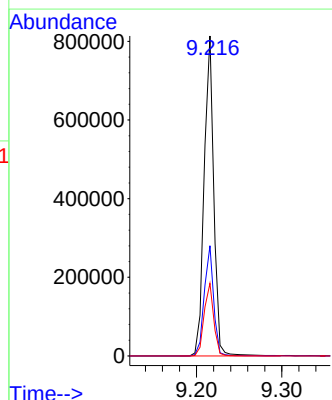
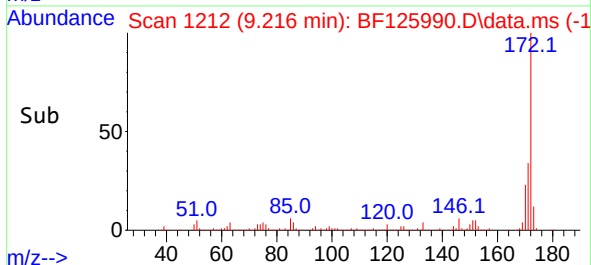
Tgt Ion:330 Resp: 123450
Ion Ratio Lower Upper
330 100
332 103.8 76.2 114.4
141 35.5 44.6 66.8#

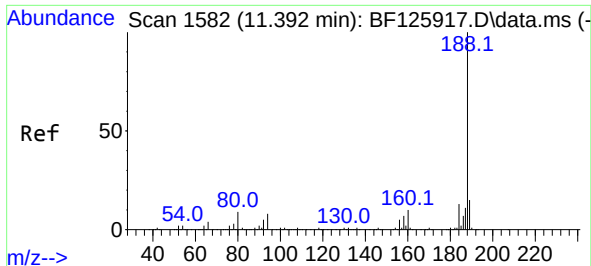


#45
2-Fluorobiphenyl
Concen: 28.014 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47



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

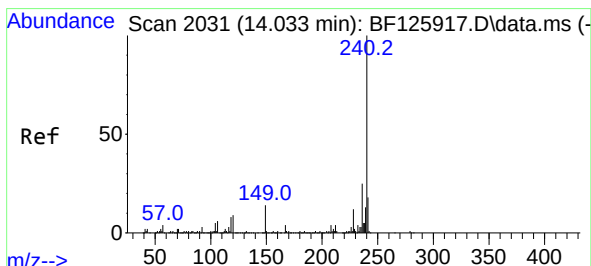
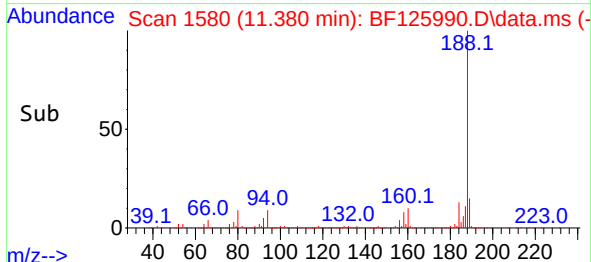
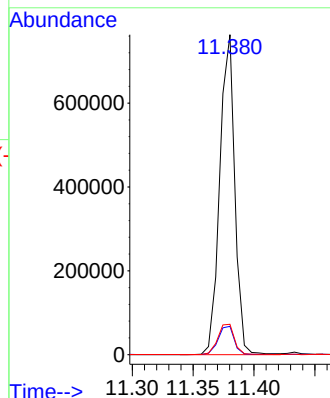
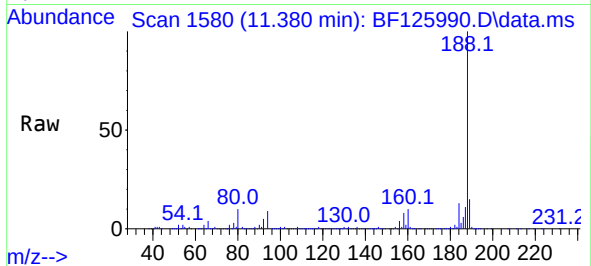




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

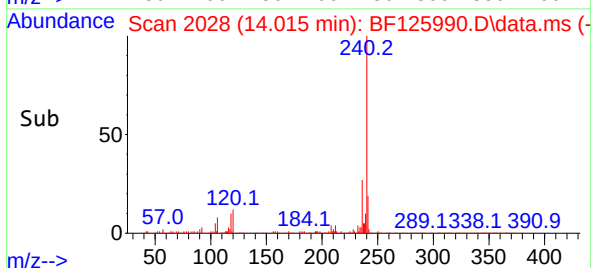
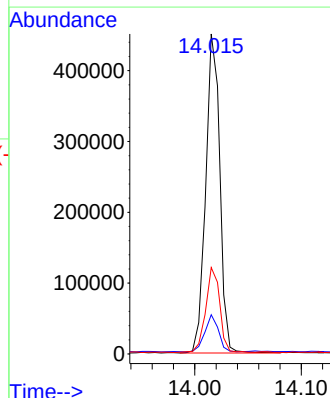
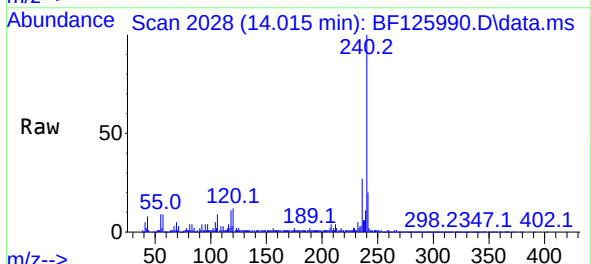
Instrument :
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HD-02-102621

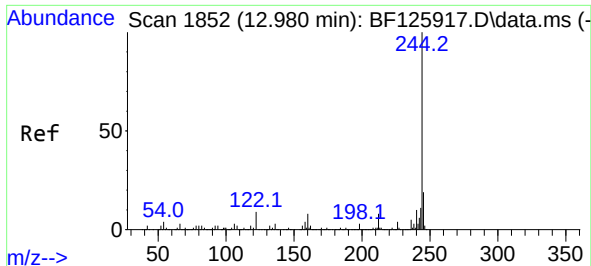
Tgt Ion:188 Resp: 658130
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.5 7.5 11.3



#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

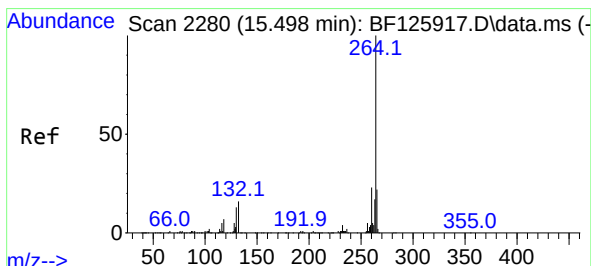
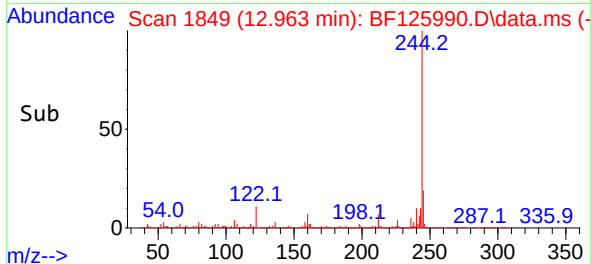
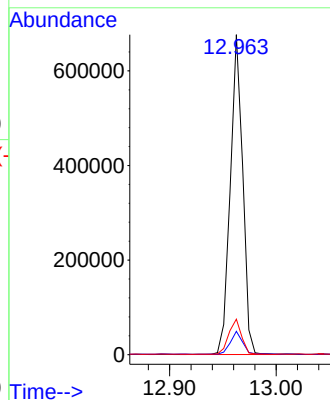
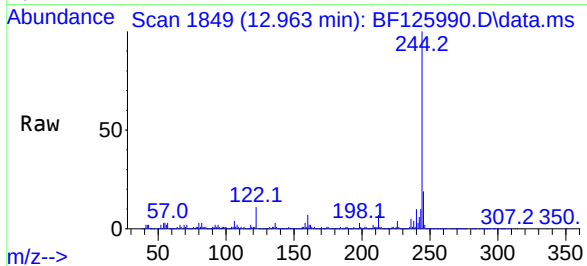




#79
Terphenyl-d14
Concen: 21.414 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125990.D
Acq: 28 Oct 2021 15:47

Instrument :
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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

