

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125115.D
 Acq On : 19 Aug 2021 15:33
 Operator : JU/CG
 Sample : M3449-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 19 18:23:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

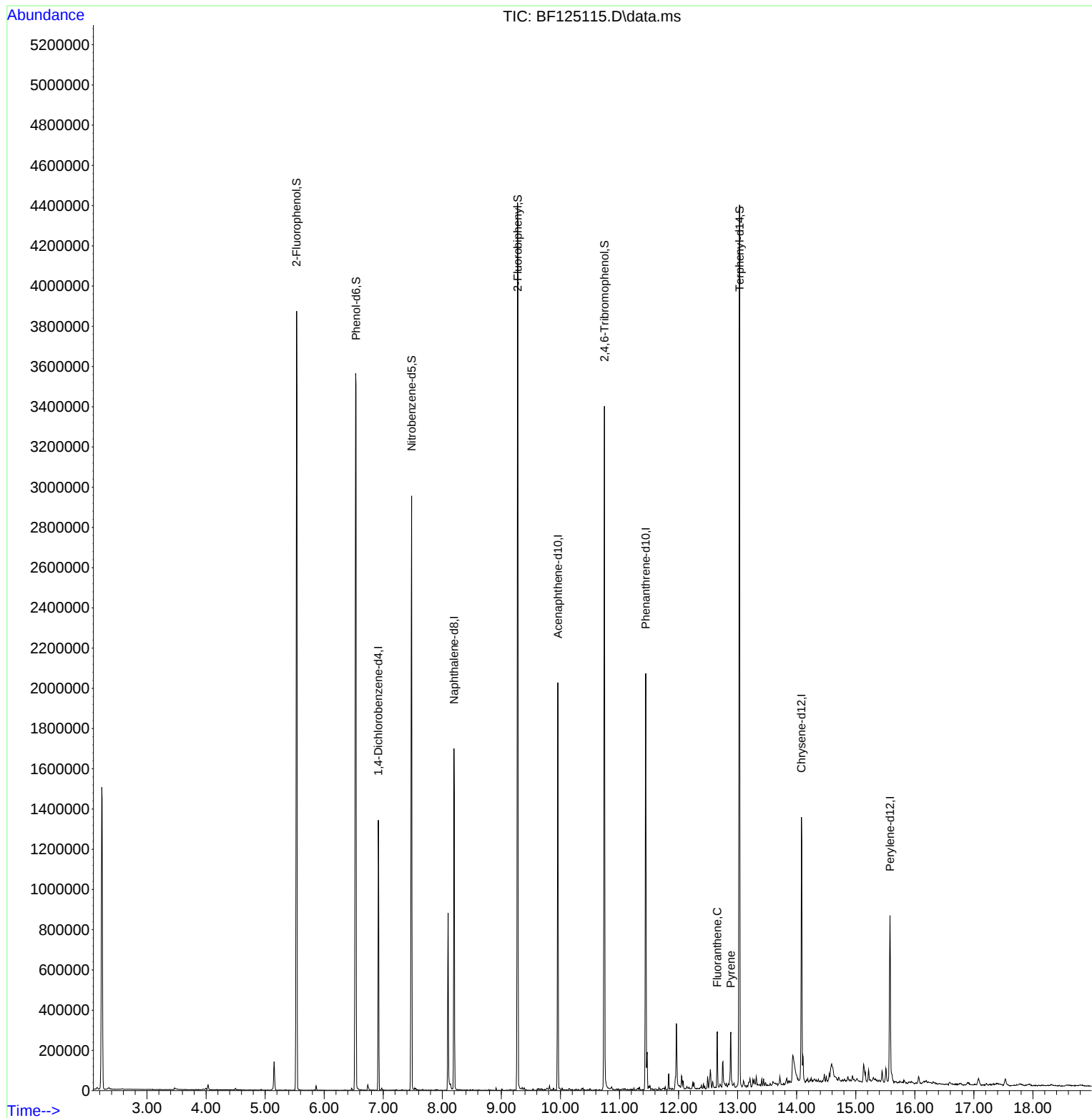
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	180221	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	713767	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	383092	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	708761	20.000	ng	0.00
76) Chrysene-d12	14.080	240	443001	20.000	ng	0.00
86) Perylene-d12	15.580	264	375290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1061283	89.133	ng	0.00
7) Phenol-d6	6.539	99	1371569	89.067	ng	0.00
23) Nitrobenzene-d5	7.481	82	911351	64.280	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	401611	105.021	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1478479	53.789	ng	0.00
79) Terphenyl-d14	13.033	244	1546760	55.624	ng	0.00
Target Compounds						
75) Fluoranthene	12.657	202	108634	2.803	ng	99
78) Pyrene	12.886	202	115717	3.045	ng	98

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

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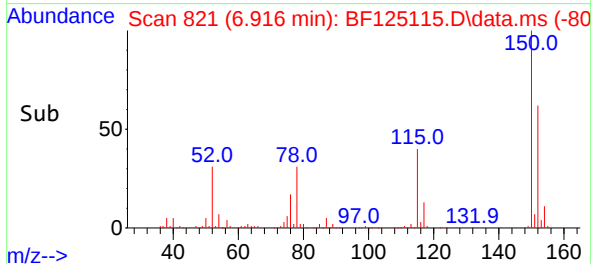
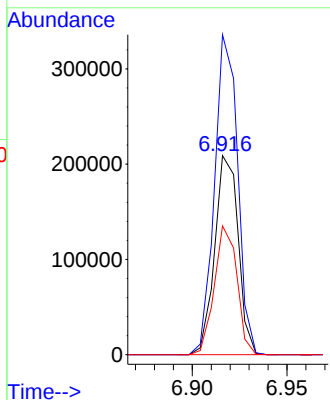
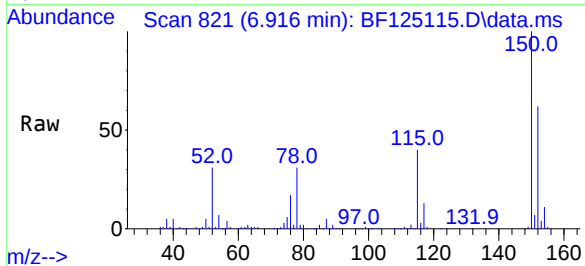




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

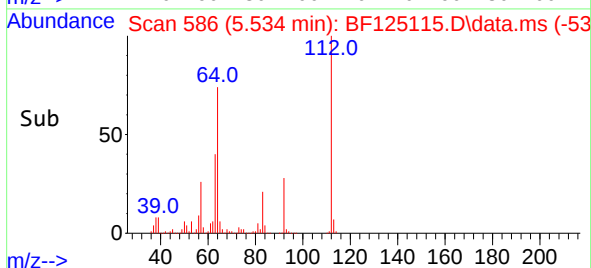
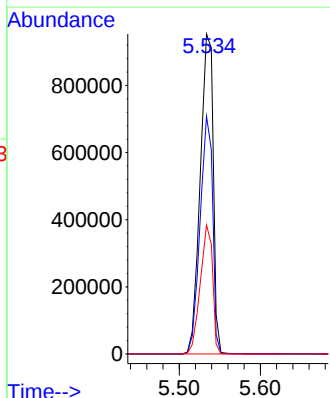
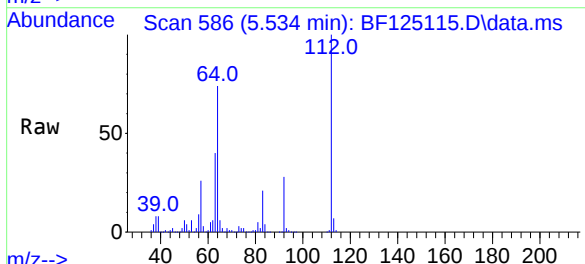
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:152 Resp: 180221
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 64.7 47.1 70.7



#5
2-Fluorophenol
Concen: 89.133 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:112 Resp: 1061283
Ion Ratio Lower Upper
112 100
64 74.3 44.2 66.2#
63 40.3 26.2 39.2#

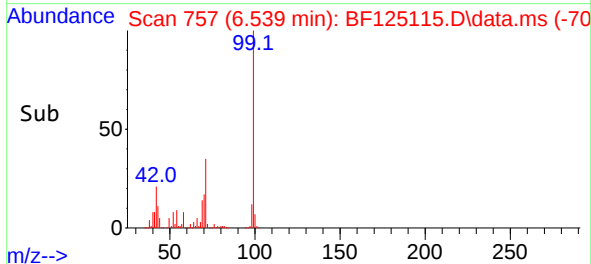
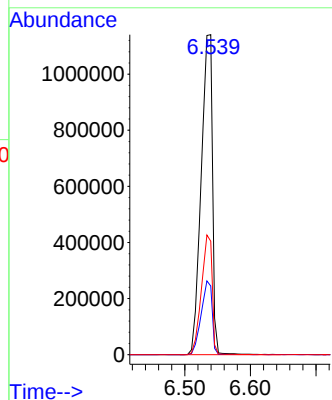
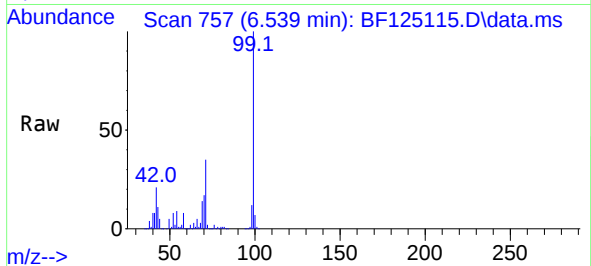




#7
Phenol-d6
Concen: 89.067 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

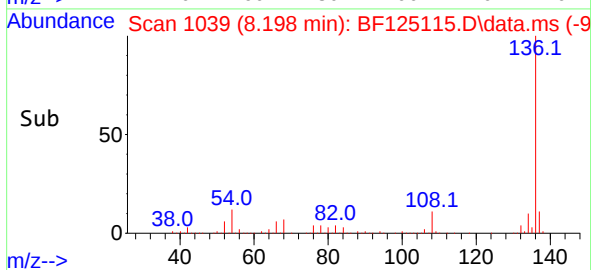
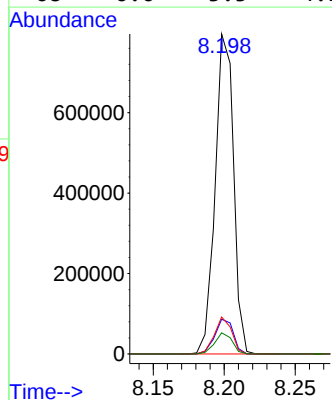
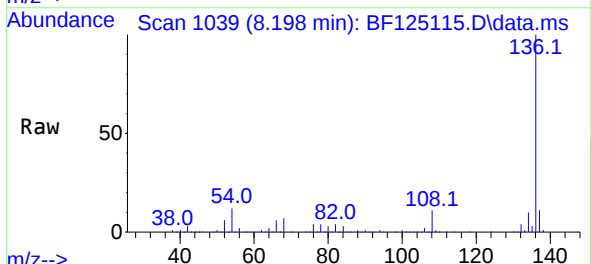
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BNA_F
ClientSampleId :
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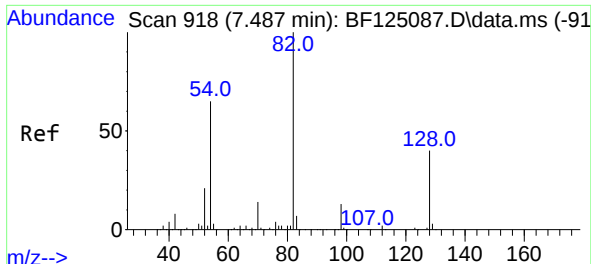
Tgt Ion: 99 Resp: 1371569
Ion Ratio Lower Upper
99 100
42 21.5 23.5 35.3#
71 35.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 136 Resp: 713767
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.5 6.4 9.6#
68 6.6 3.3 4.9#

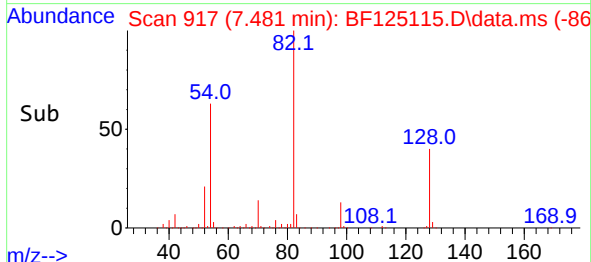
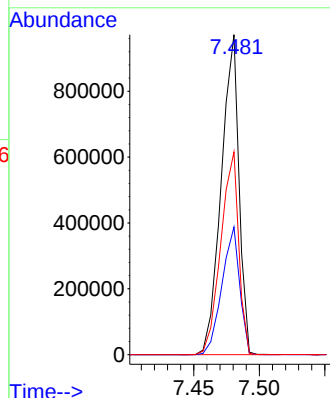
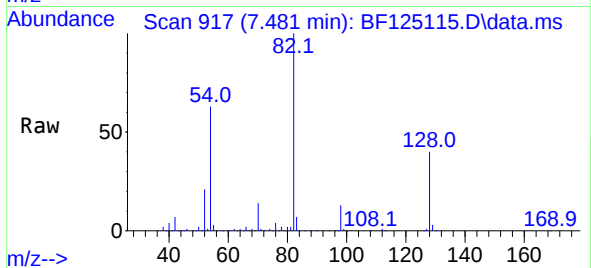




#23
Nitrobenzene-d5
Concen: 64.280 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

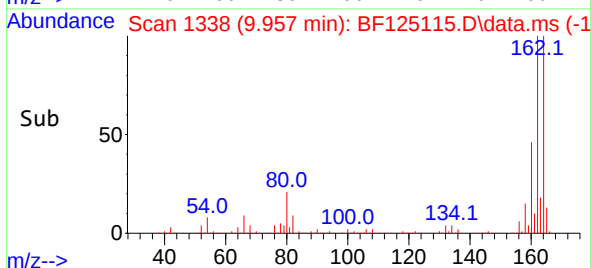
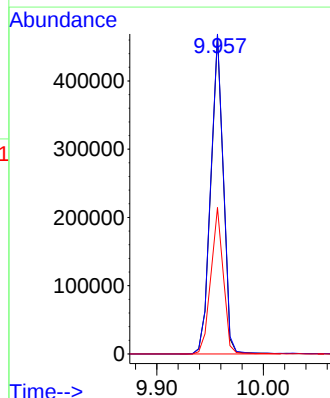
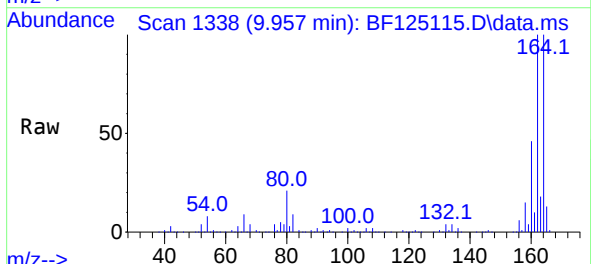
Instrument :
BNA_F
ClientSampleId :
TP2

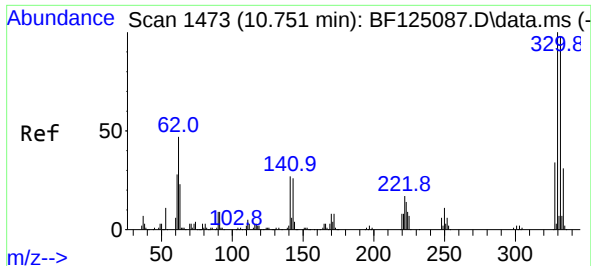
Tgt Ion: 82 Resp: 911351
Ion Ratio Lower Upper
82 100
128 39.9 40.6 60.8#
54 63.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:164 Resp: 383092
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.9 38.0 57.0

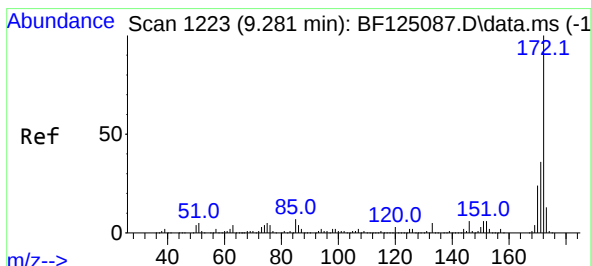
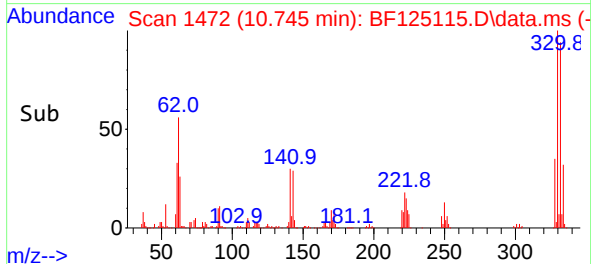
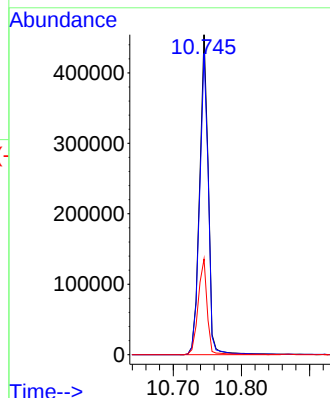
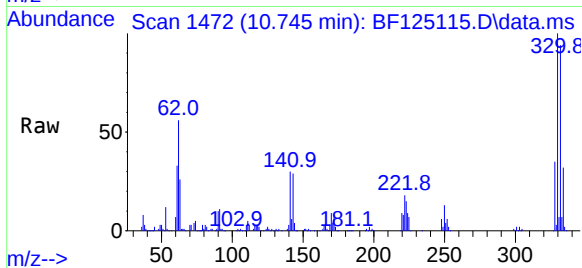




#42
2,4,6-Tribromophenol
Concen: 105.021 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

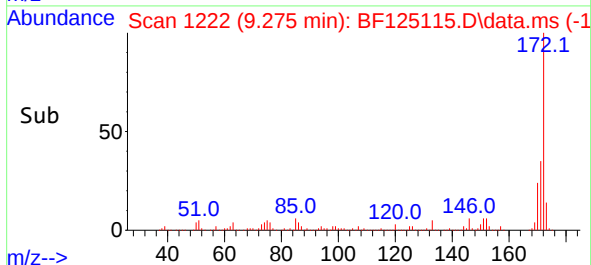
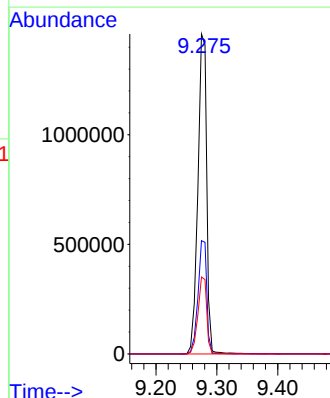
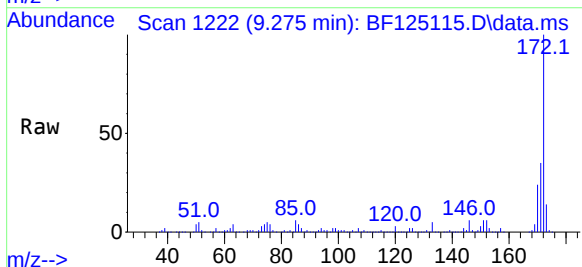
Instrument :
BNA_F
ClientSampleId :
TP2

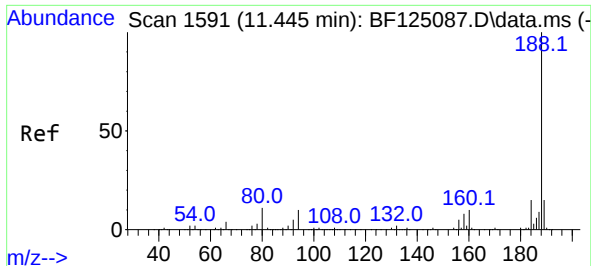
Tgt Ion: 330 Resp: 401611
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.789 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion: 172 Resp: 1478479
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

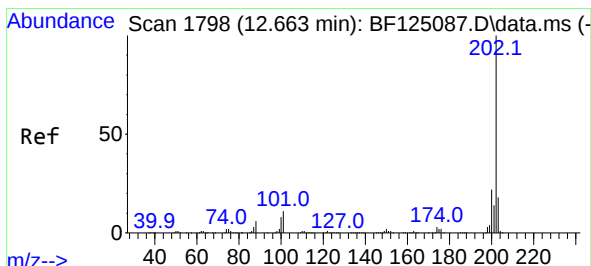
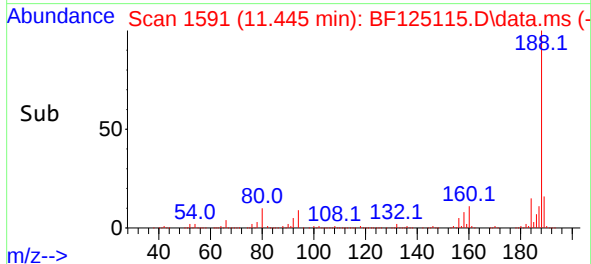
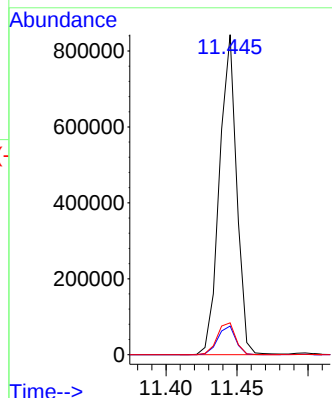
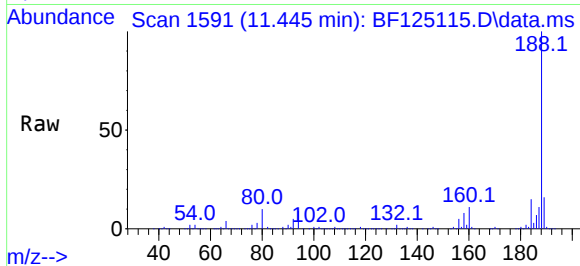




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

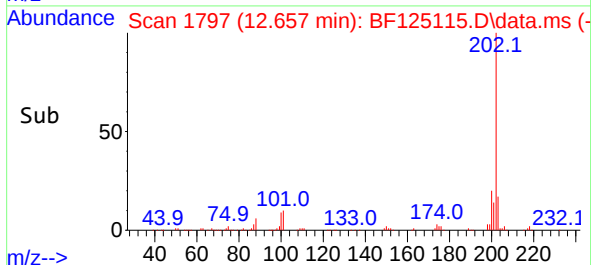
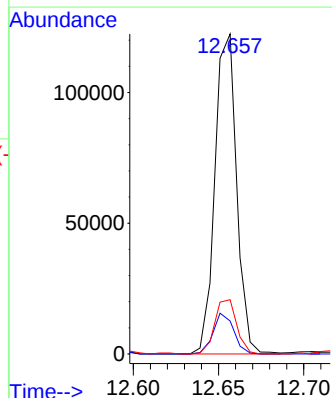
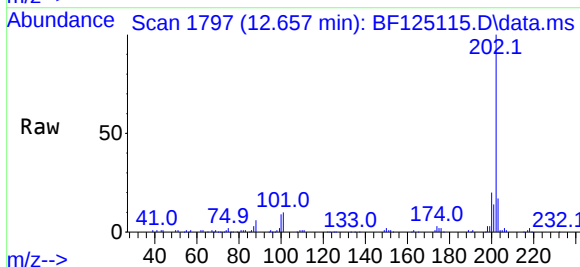
Instrument :
BNA_F
ClientSampleId :
TP2

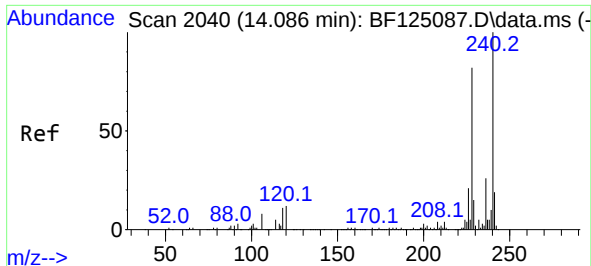
Tgt Ion:188 Resp: 708761
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.9 7.5 11.3



#75
Fluoranthene
Concen: 2.803 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:202 Resp: 108634
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 16.9 0.0 36.3



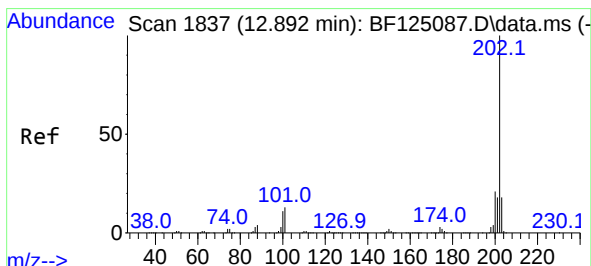
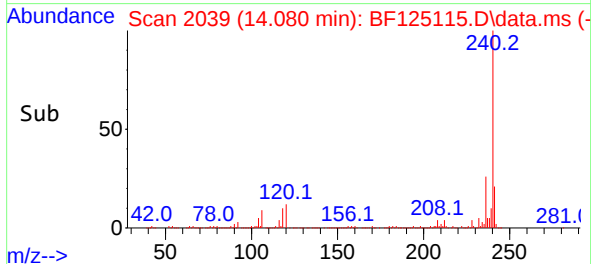
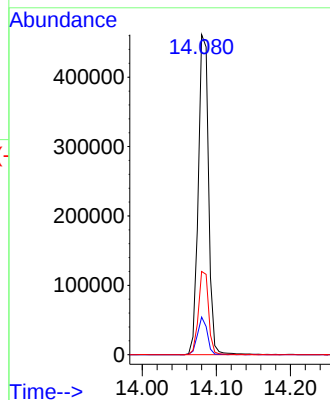
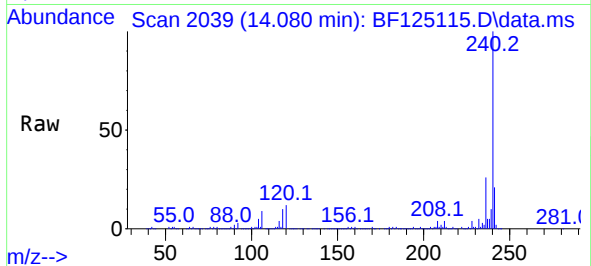


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:240 Resp: 443001

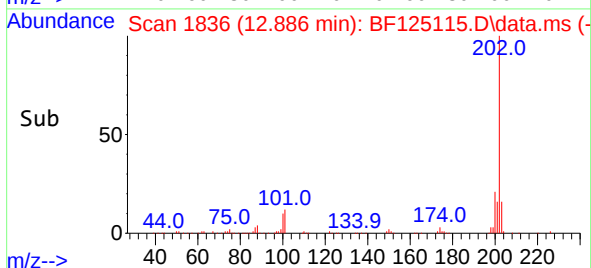
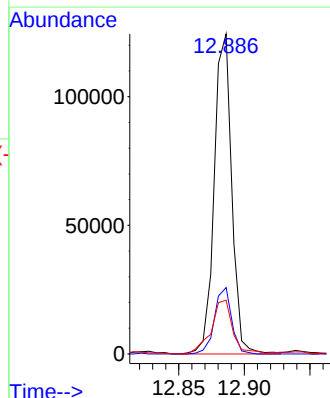
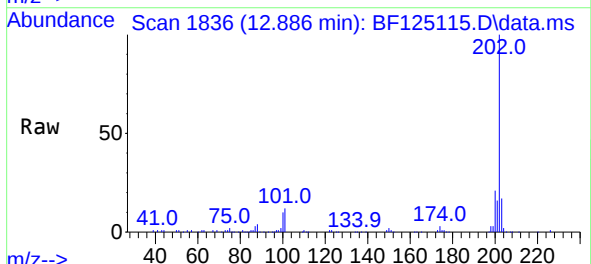
Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.8	16.2
236	26.0	21.6	32.4

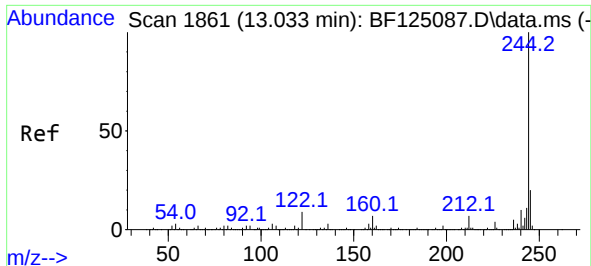


#78
Pyrene
Concen: 3.045 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:202 Resp: 115717

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.3	22.9
203	16.8	13.4	20.0

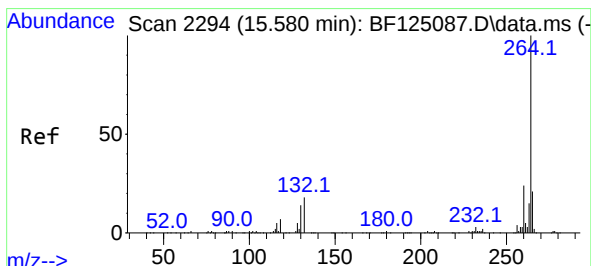
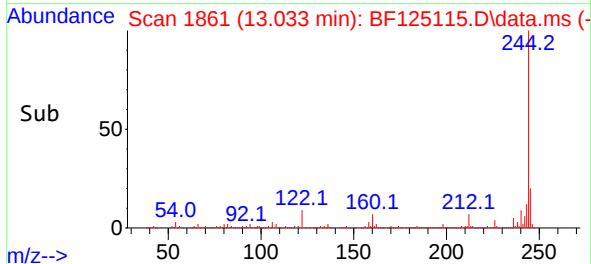
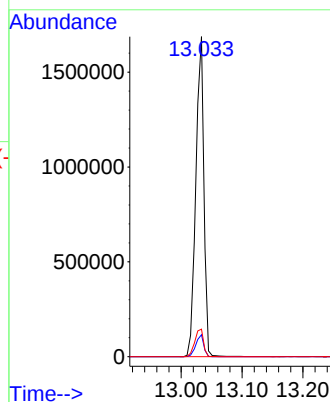
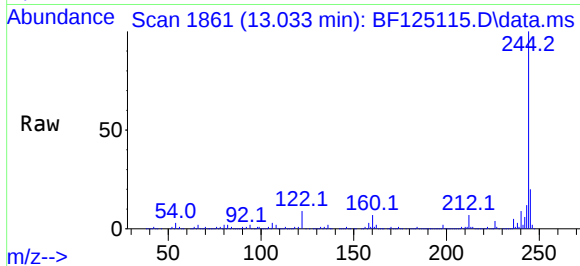




#79
Terphenyl-d14
Concen: 55.624 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Instrument :
BNA_F
ClientSampled :
TP2

Tgt Ion:244 Resp: 1546760
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.6 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125115.D
Acq: 19 Aug 2021 15:33

Tgt Ion:264 Resp: 375290
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.7 17.2 25.8

