

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125116.D
 Acq On : 19 Aug 2021 16:05
 Operator : JU/CG
 Sample : M3449-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Aug 19 18:24:02 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)

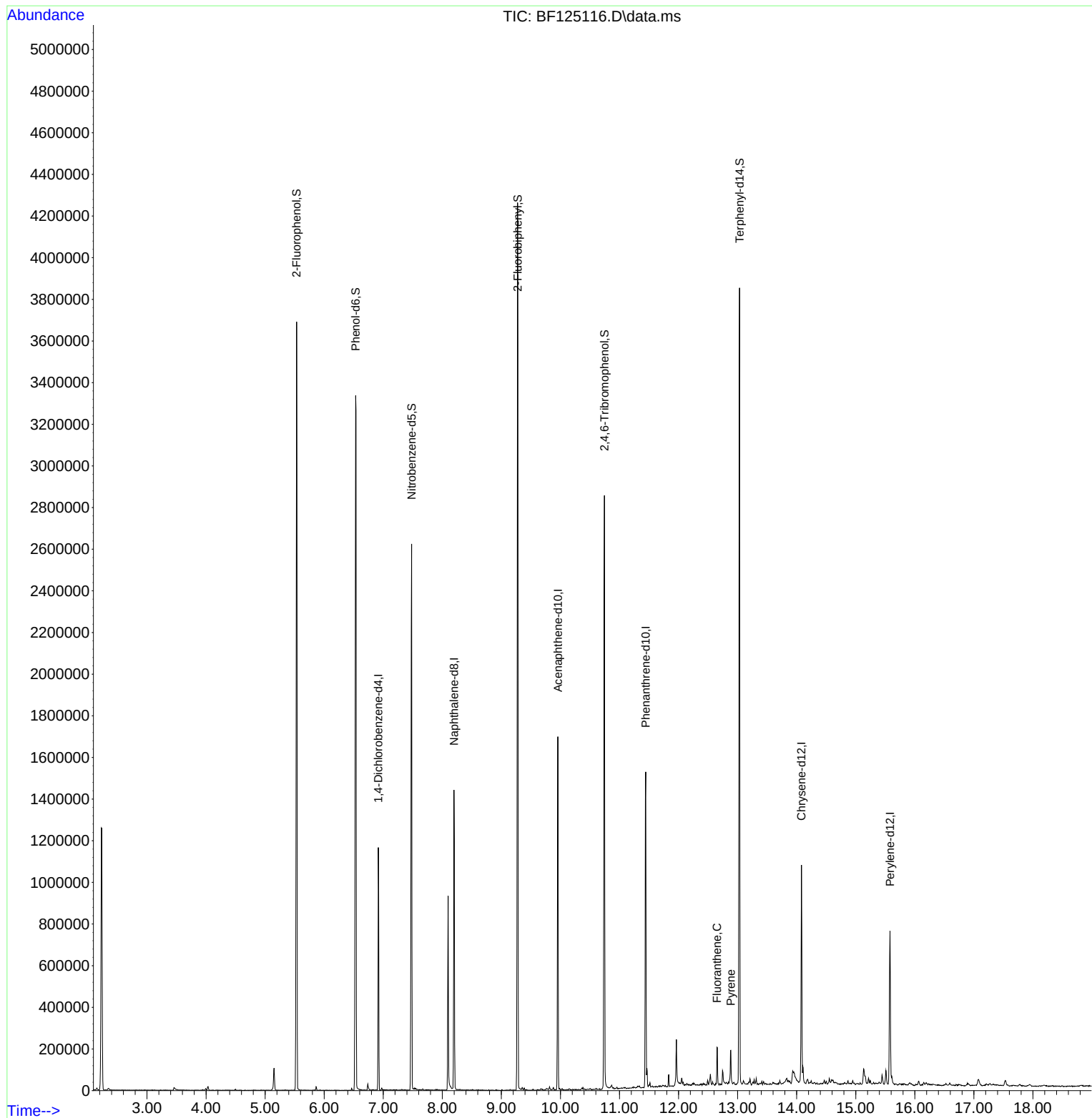
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	154712	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	609931	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	318088	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	562363	20.000	ng	0.00
76) Chrysene-d12	14.080	240	336601	20.000	ng	0.00
86) Perylene-d12	15.580	264	333172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	984739	96.340	ng	0.00
7) Phenol-d6	6.534	99	1248497	94.443	ng	0.00
23) Nitrobenzene-d5	7.481	82	823383	67.962	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	337888	106.414	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1384803	60.676	ng	0.00
79) Terphenyl-d14	13.033	244	1359620	64.349	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.651	202	70939	2.307	ng	97
78) Pyrene	12.886	202	67699	2.345	ng	94

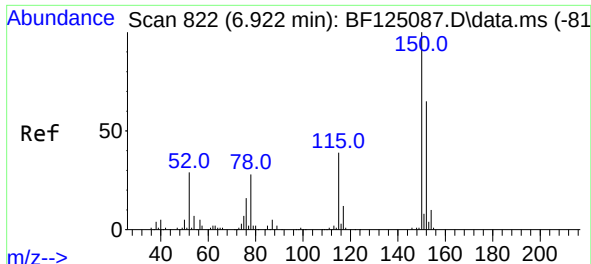
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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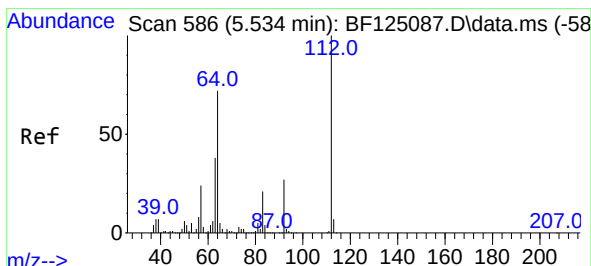
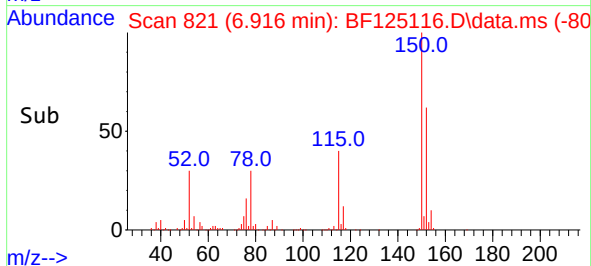
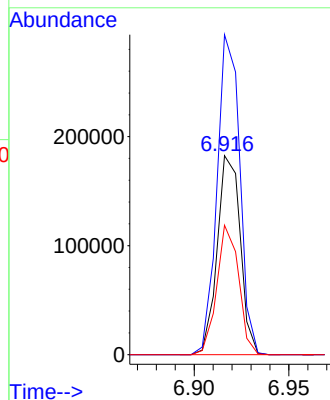
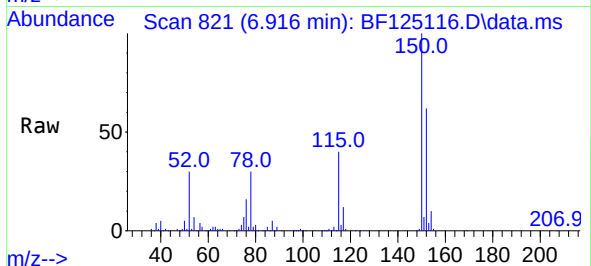




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

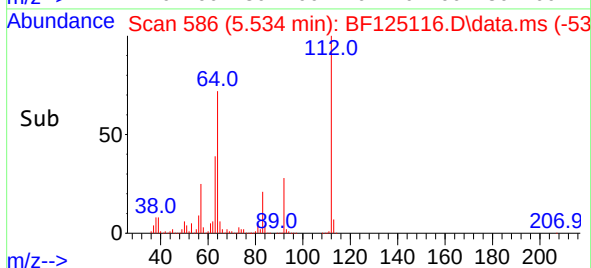
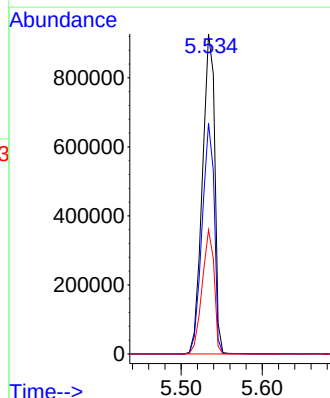
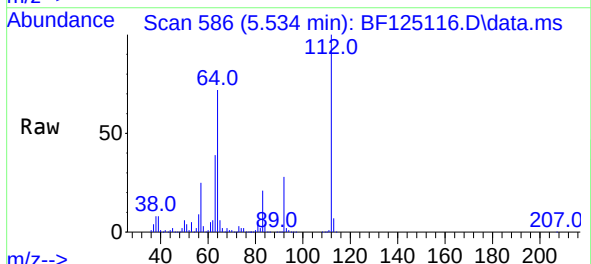
Instrument :
BNA_F
ClientSampleId :
TP3

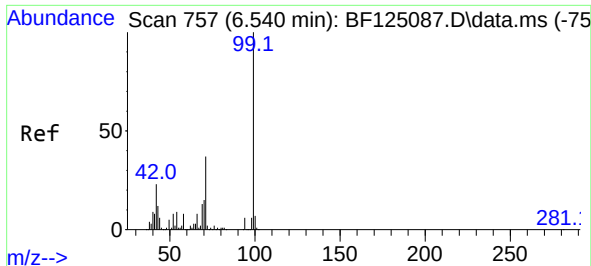
Tgt Ion:152 Resp: 154712
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 96.340 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:112 Resp: 984739
Ion Ratio Lower Upper
112 100
64 72.2 44.2 66.2#
63 38.8 26.2 39.2

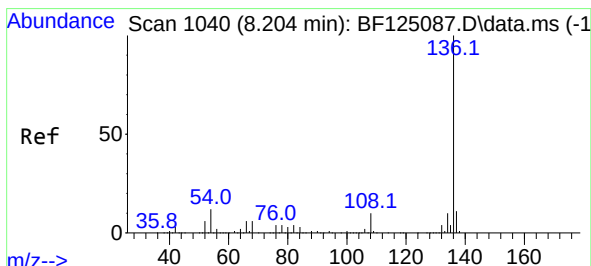
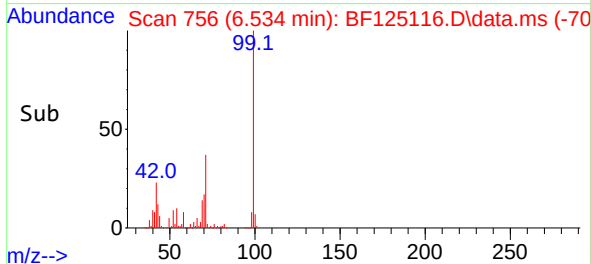
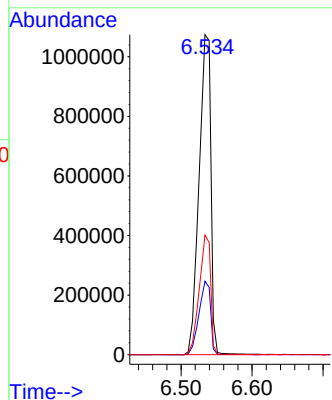
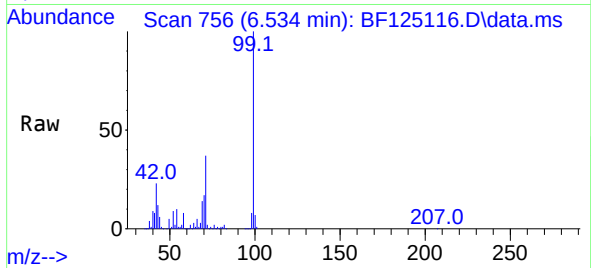




#7
Phenol-d6
Concen: 94.443 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

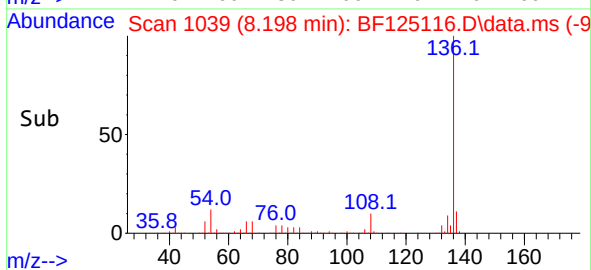
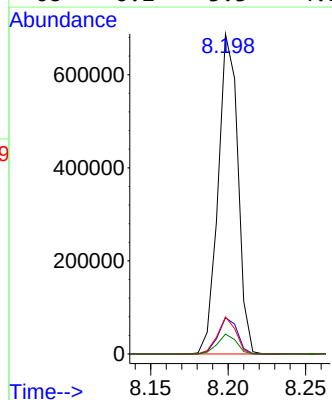
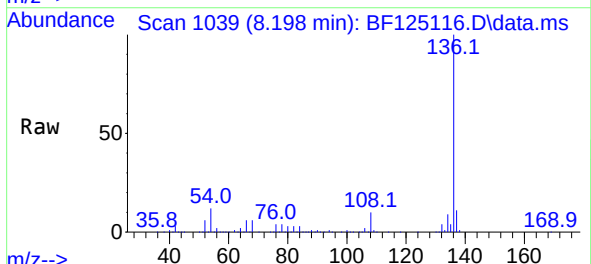
Instrument :
BNA_F
ClientSampled :
TP3

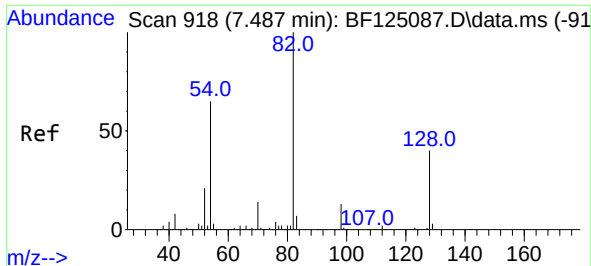
Tgt Ion: 99 Resp: 1248497
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 37.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion: 136 Resp: 609931
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 11.6 6.4 9.6#
68 6.2 3.3 4.9#

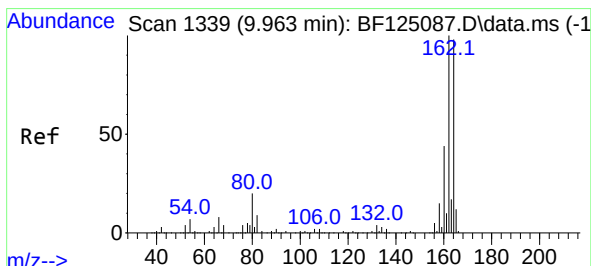
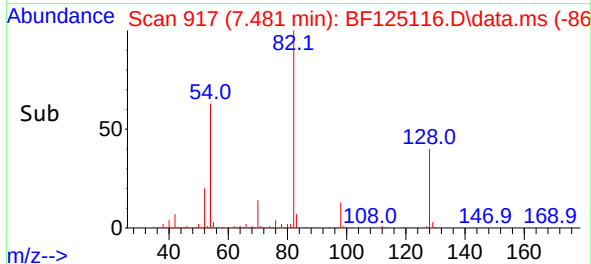
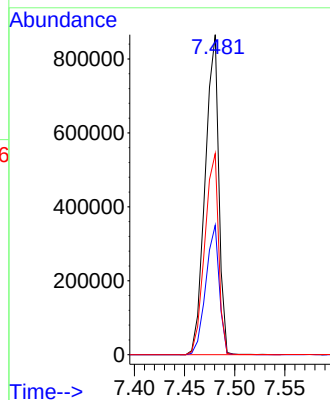
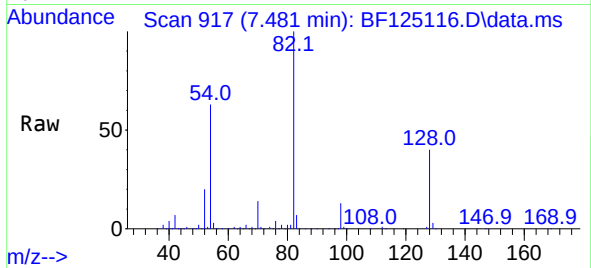




#23
Nitrobenzene-d5
Concen: 67.962 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

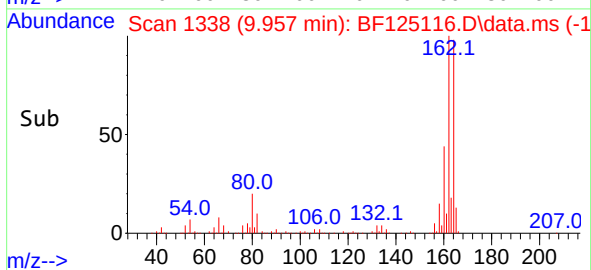
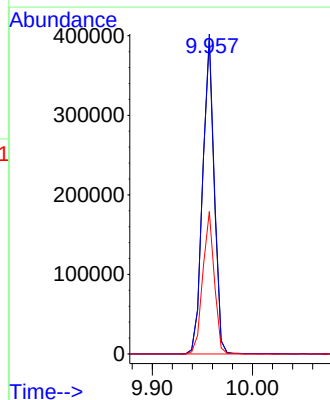
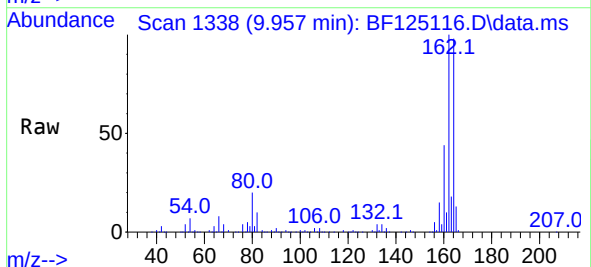
Instrument :
BNA_F
ClientSampleId :
TP3

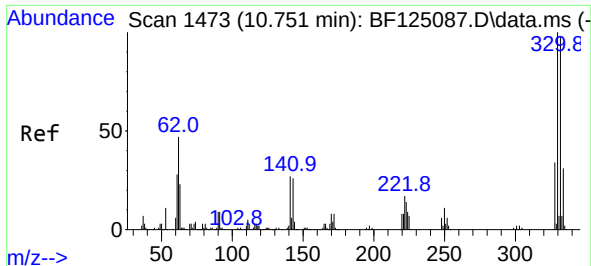
Tgt Ion: 82 Resp: 823383
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 62.9 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:164 Resp: 318088
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.4 38.0 57.0

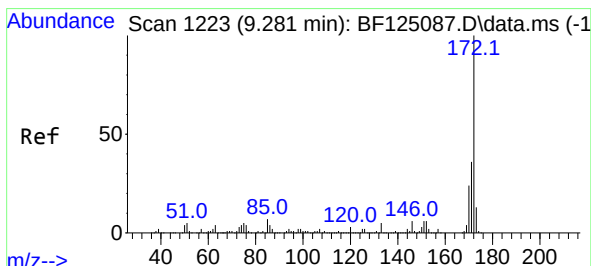
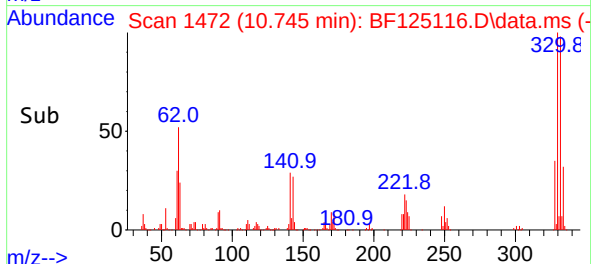
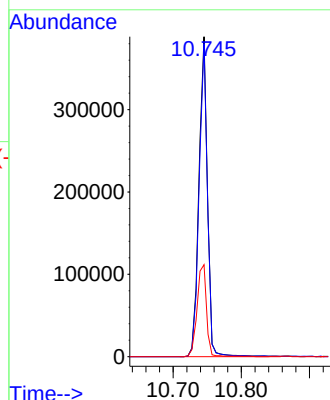
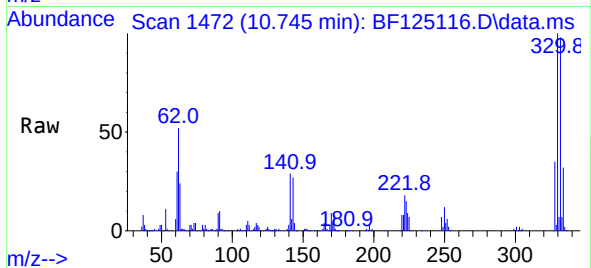




#42
2,4,6-Tribromophenol
Concen: 106.414 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

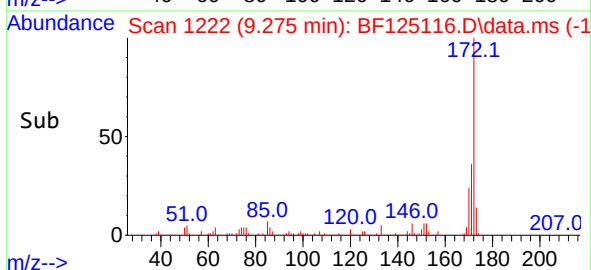
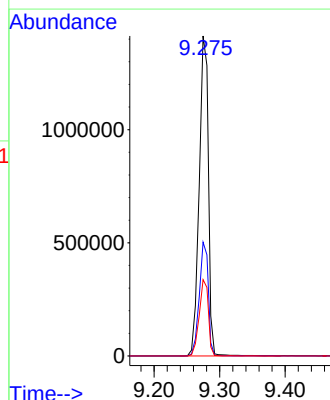
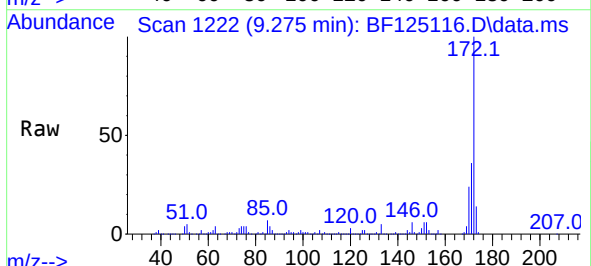
Instrument :
BNA_F
ClientSampled :
TP3

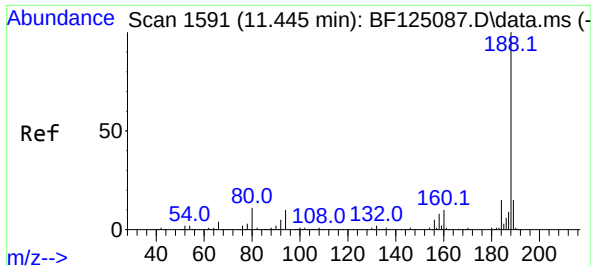
Tgt Ion: 330 Resp: 337888
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.676 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion: 172 Resp: 1384803
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.9 18.8 28.2

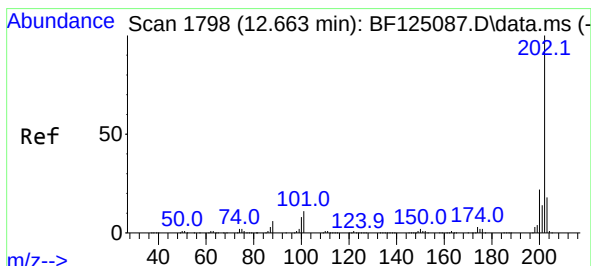
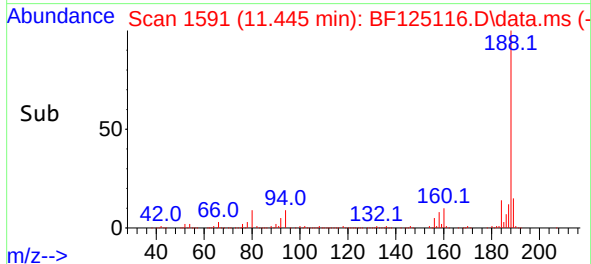
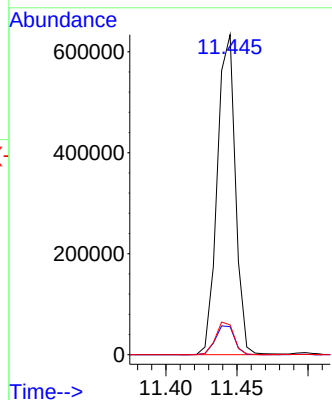
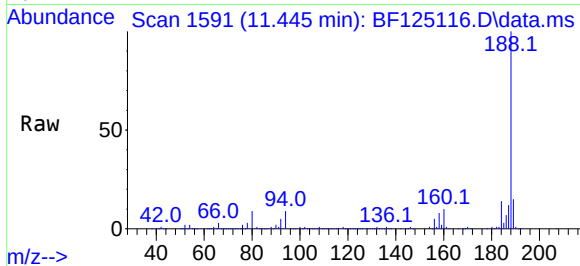




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

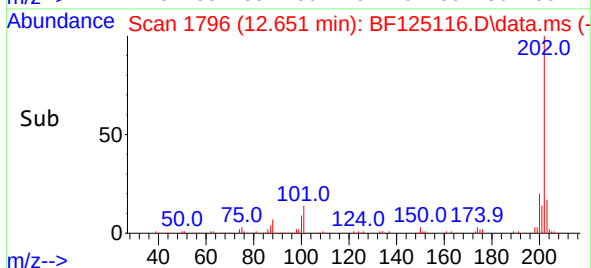
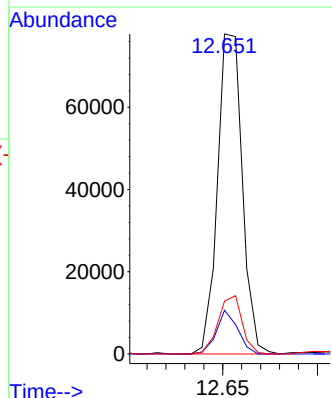
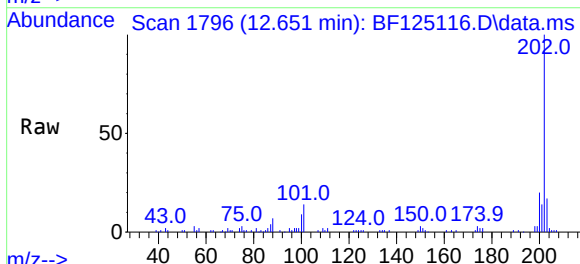
Instrument :
BNA_F
ClientSampled :
TP3

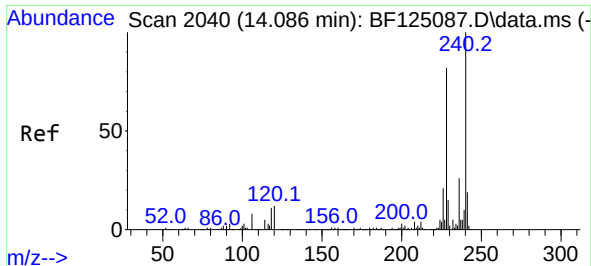
Tgt Ion:188 Resp: 562363
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.3 7.5 11.3



#75
Fluoranthene
Concen: 2.307 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:202 Resp: 70939
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.7
203 16.5 0.0 36.3



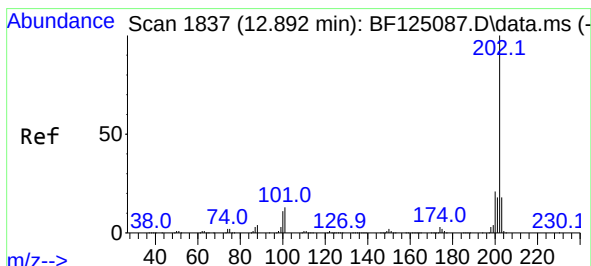
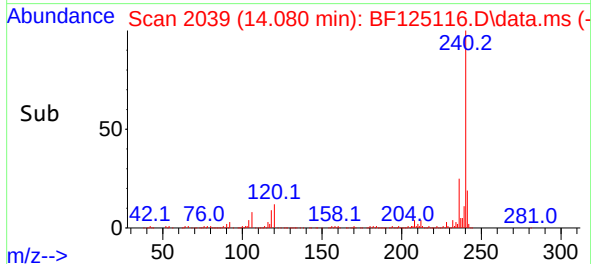
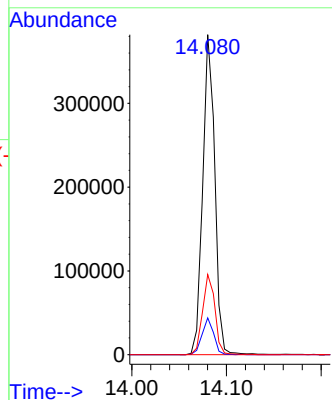
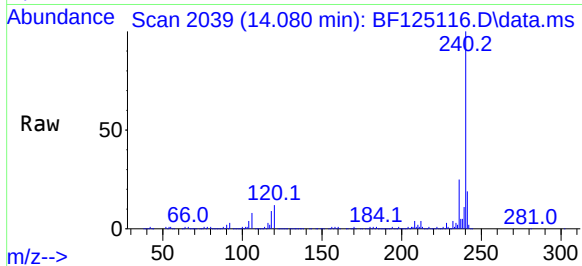


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:240 Resp: 336601

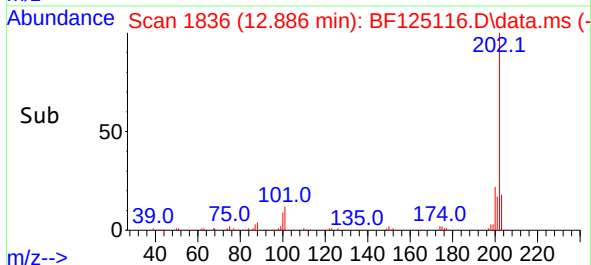
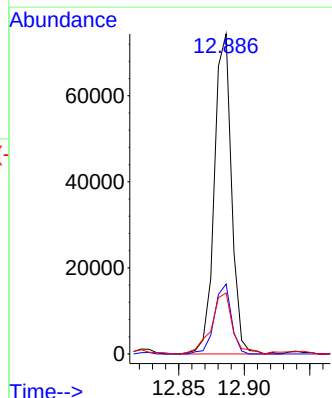
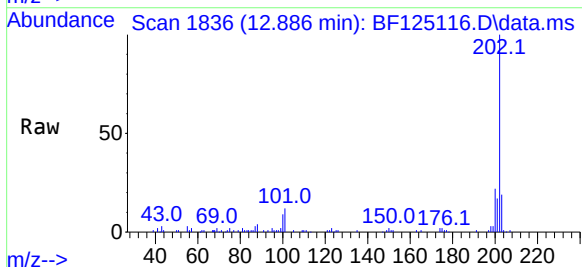
Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.8	16.2
236	25.1	21.6	32.4

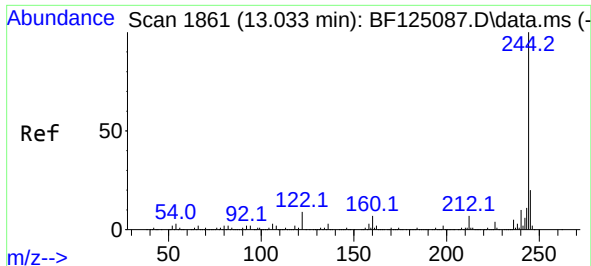


#78
Pyrene
Concen: 2.345 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:202 Resp: 67699

Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.3	22.9
203	19.1	13.4	20.0

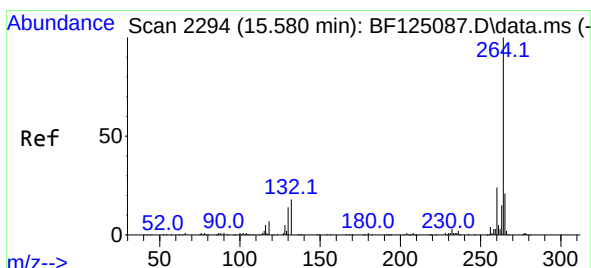
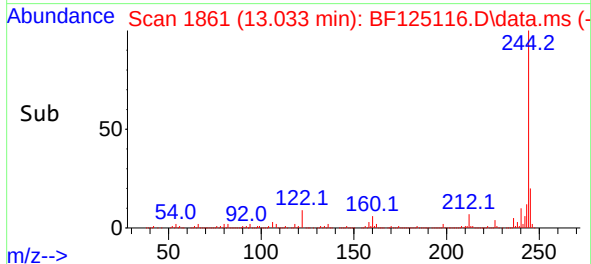
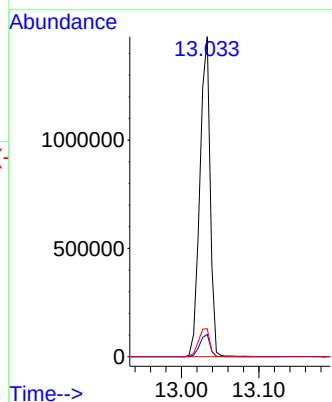
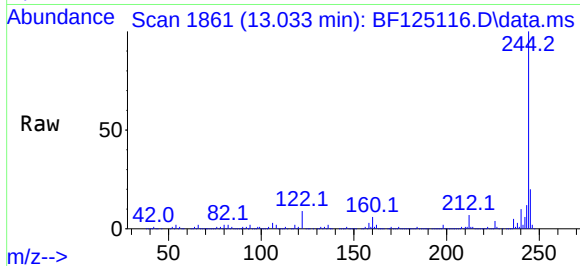




#79
Terphenyl-d14
Concen: 64.349 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Instrument :
BNA_F
ClientSampled :
TP3

Tgt Ion:244 Resp: 1359620
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.8 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: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:264 Resp: 333172
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.4 17.2 25.8

