

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)

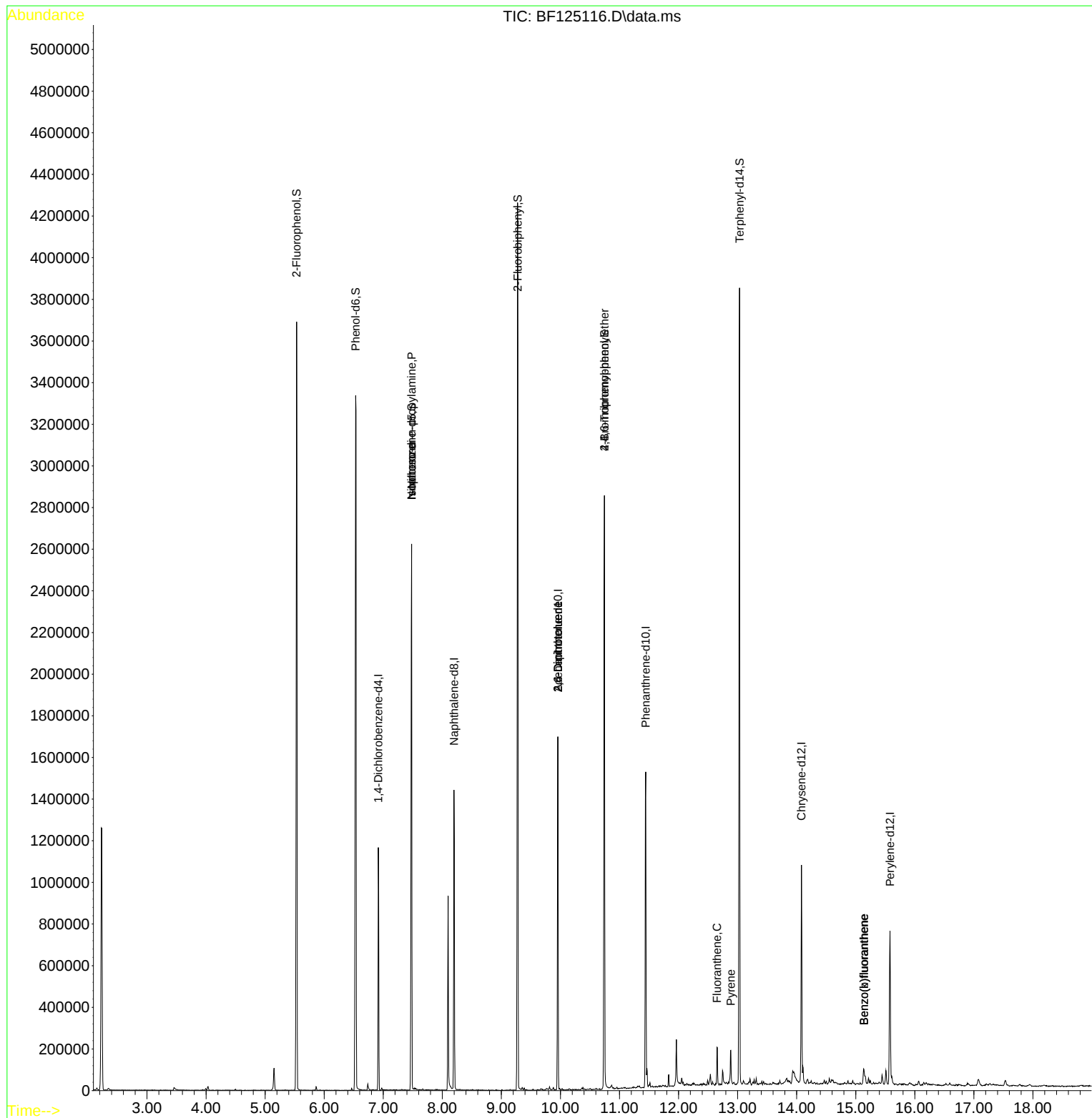
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	154712	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	609931	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	318088	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	562363	20.000	ng	0.00
76) Chrysene-d12	14.080	240	336601	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.481	70	111866	14.069	ng	# 58
25) Isophorone	7.481	82	823375	35.229	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40656	8.506	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40656	7.028	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	21432	3.174	ng	# 1
75) Fluoranthene	12.651	202	70939	2.307	ng	97
78) Pyrene	12.886	202	67699	2.345	ng	94
88) Benzo(b)fluoranthene	15.139	252	58614	2.408	ng	96
89) Benzo(k)fluoranthene	15.139	252	58614	2.581	ng	98

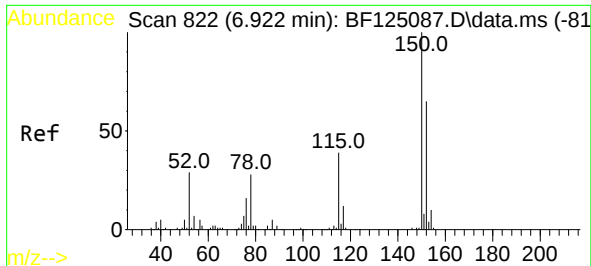
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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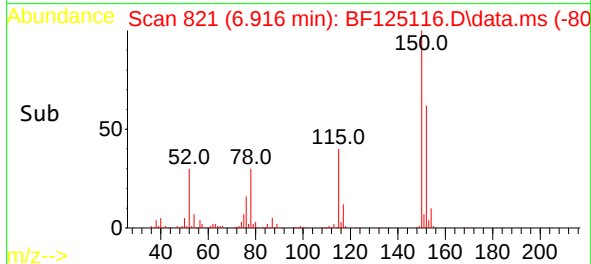
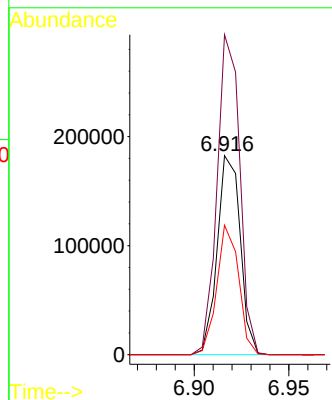
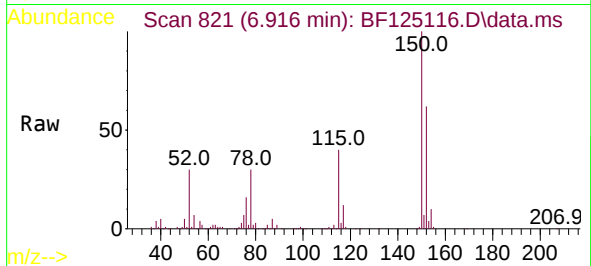




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

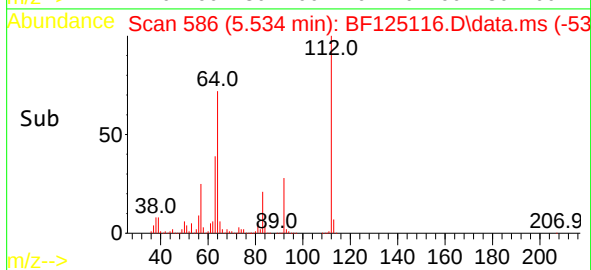
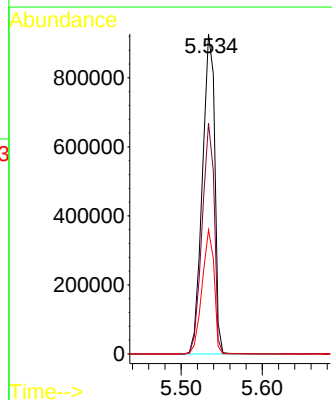
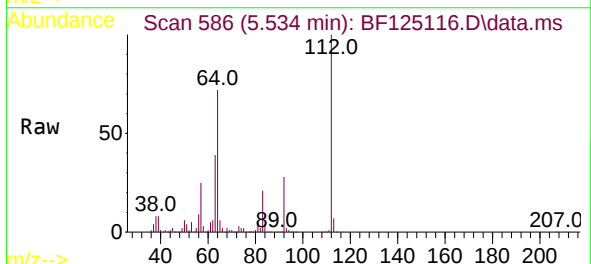
Instrument :
BNA_F
ClientSampleId :
TP3

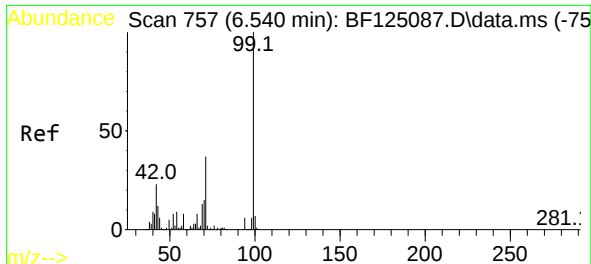
Tgt Ion:152 Resp: 154712
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 65.0 47.1 70.7



#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

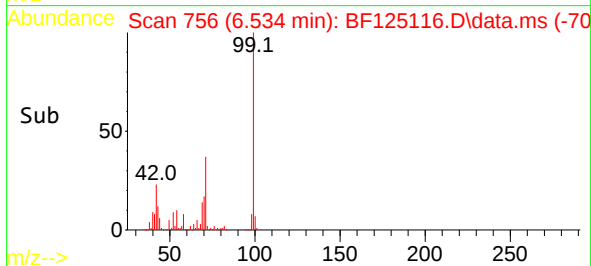
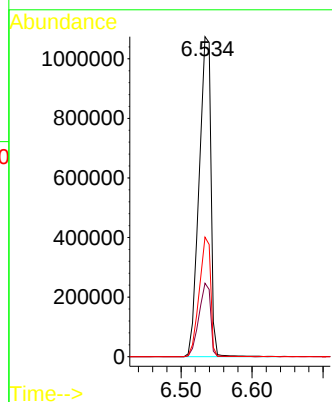
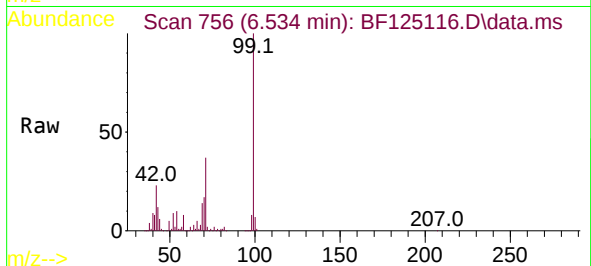




#7
Phenol-d6
Concen: 94.443 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

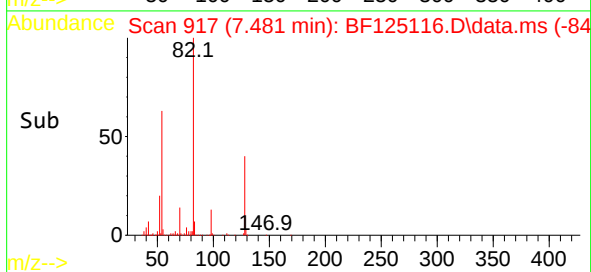
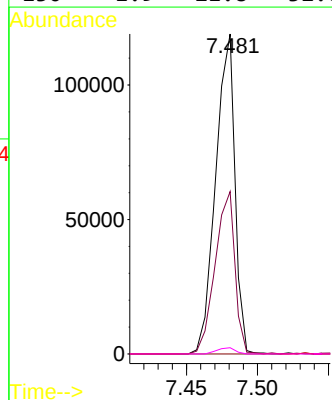
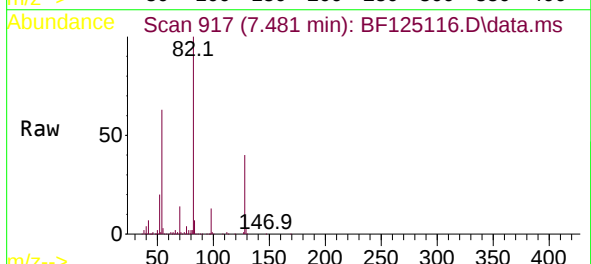
Instrument :
BNA_F
ClientSampleId :
TP3

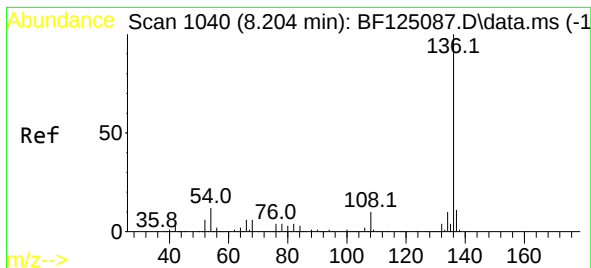
Tgt Ion: 99 Resp: 1248497
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.069 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion: 70 Resp: 111866
Ion Ratio Lower Upper
70 100
42 50.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

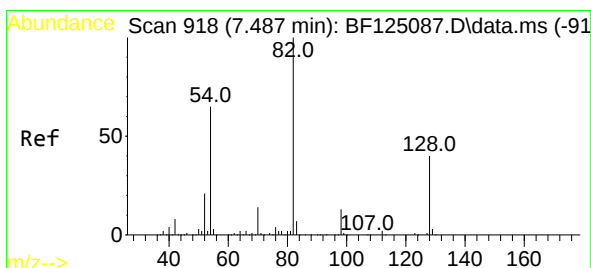
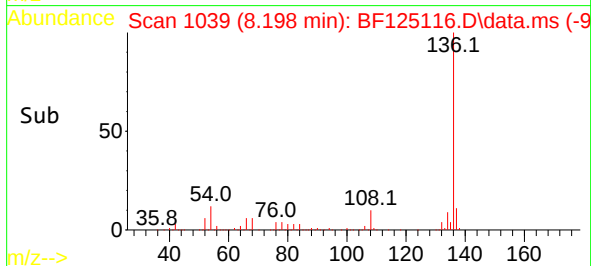
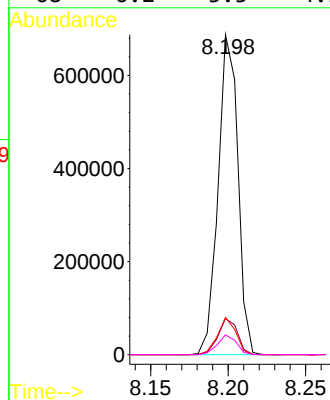
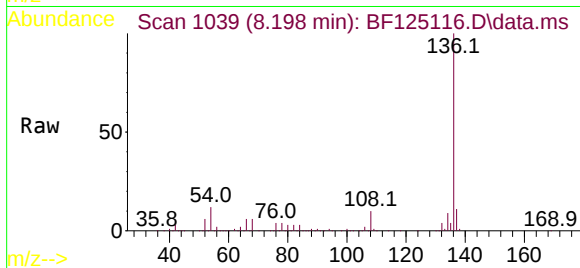




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

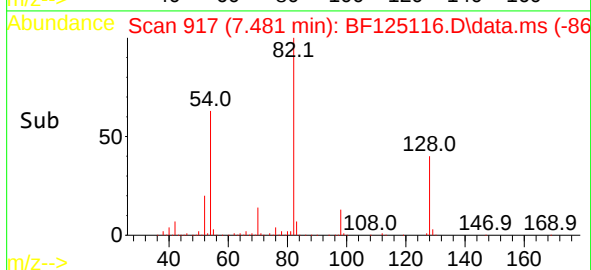
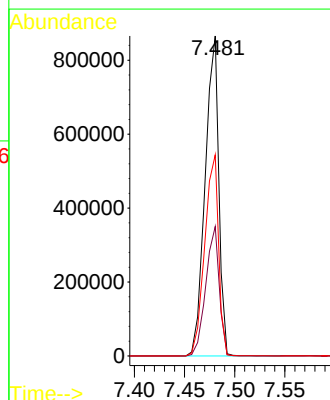
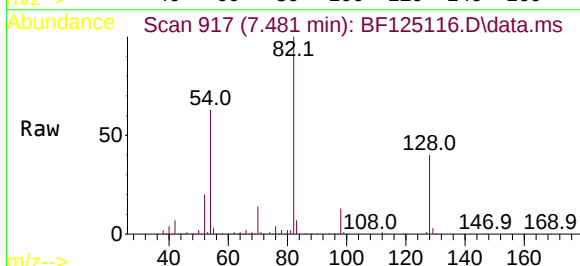
Instrument :
BNA_F
ClientSampleId :
TP3

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

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

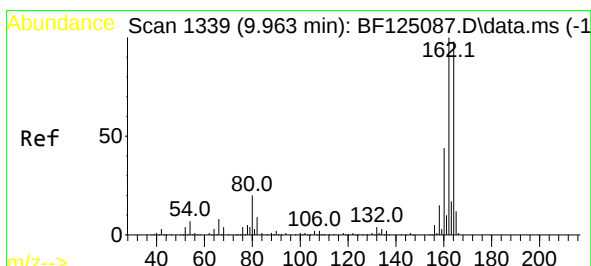
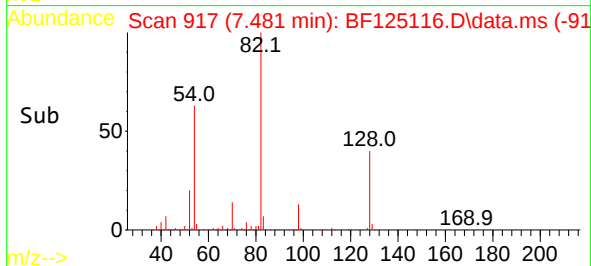
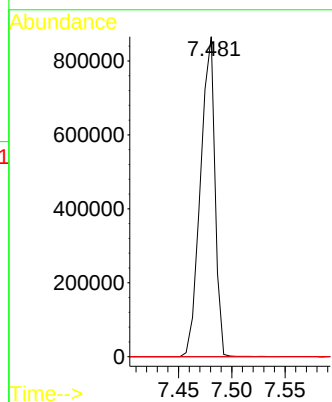
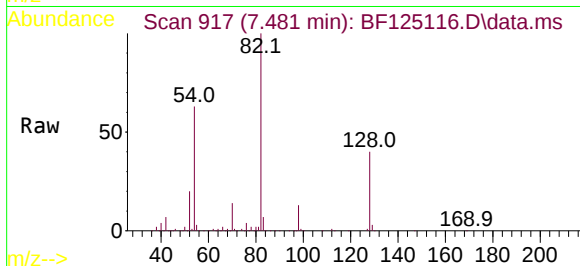




#25
Isophorone
Concen: 35.229 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

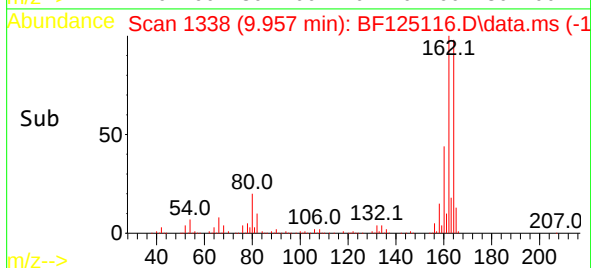
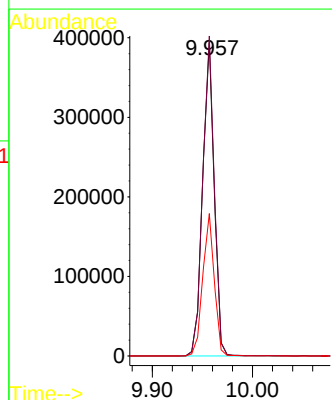
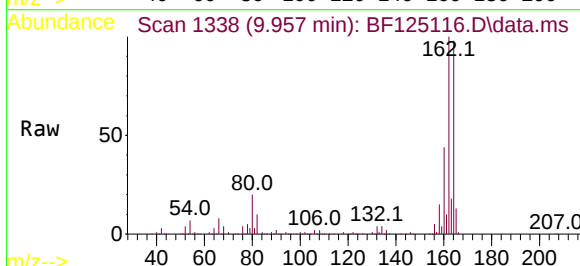
Instrument :
BNA_F
ClientSampleId :
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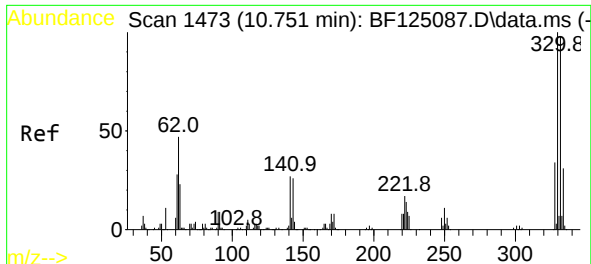
Tgt Ion: 82 Resp: 823375
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#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

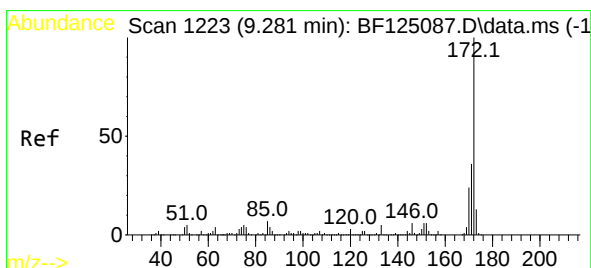
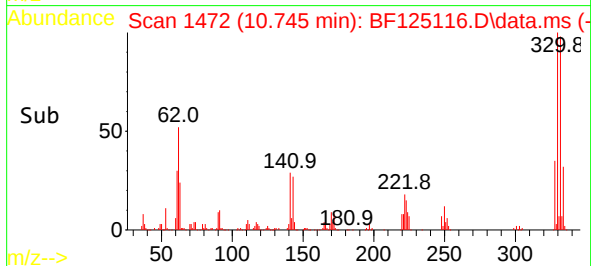
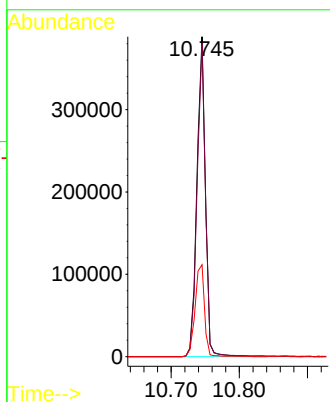
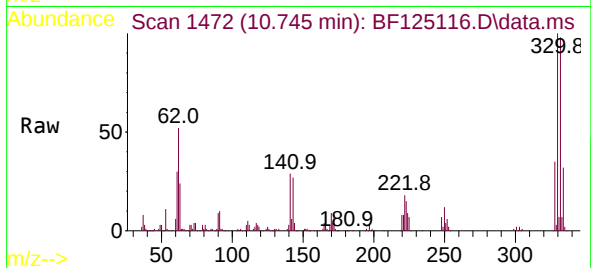




#42
2,4,6-Tribromophenol
Concen: 106.414 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

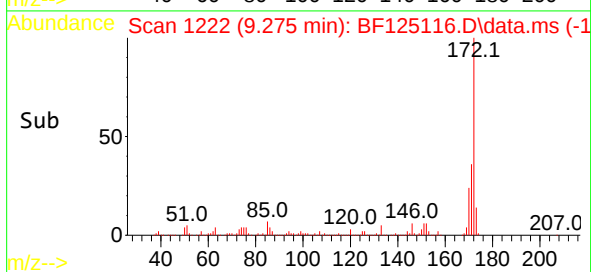
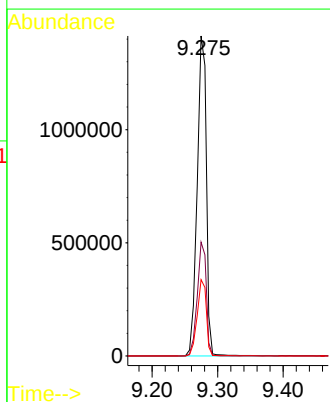
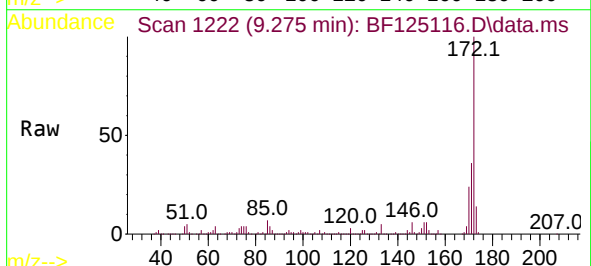
Instrument :
BNA_F
ClientSampleId :
TP3

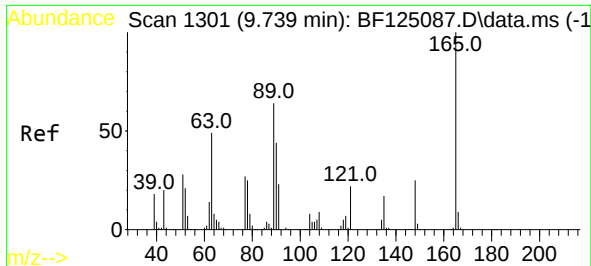
Tgt Ion: 330 Resp: 337888
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.6 44.6 66.8#



#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

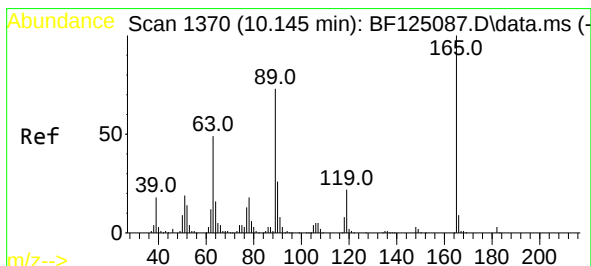
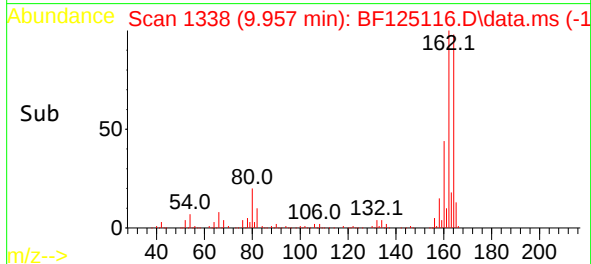
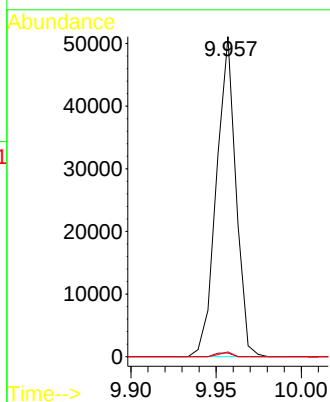
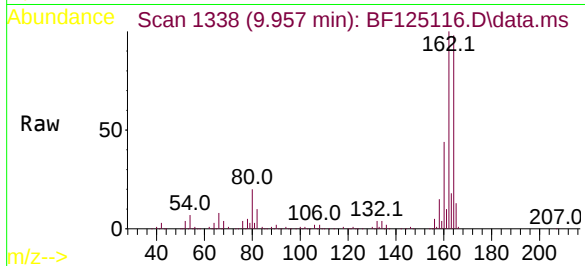




#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

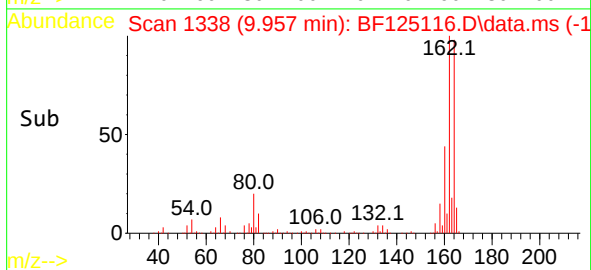
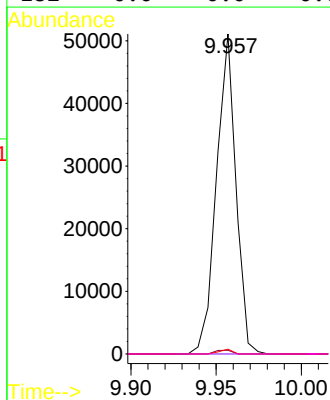
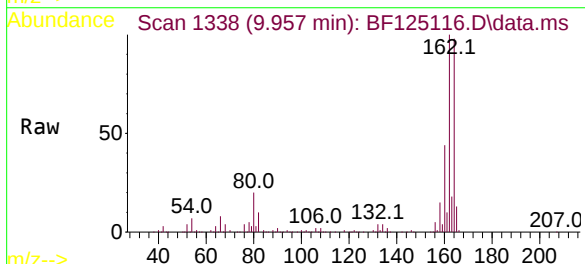
Instrument :
BNA_F
ClientSampled :
TP3

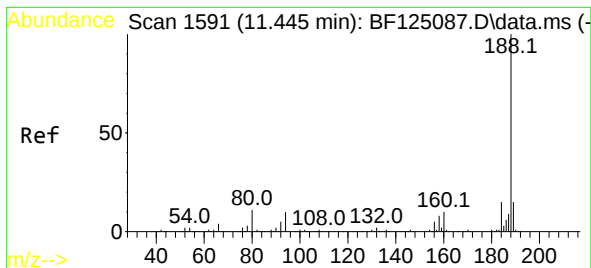
Tgt Ion:165 Resp: 40656
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.028 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:165 Resp: 40656
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

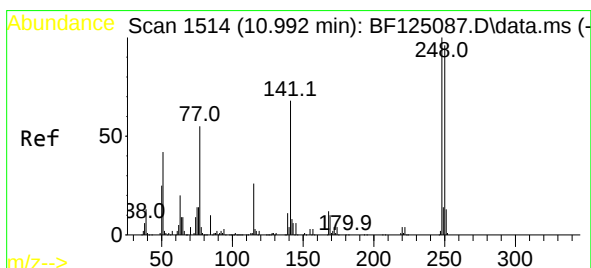
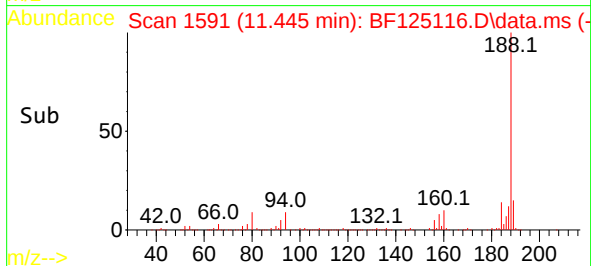
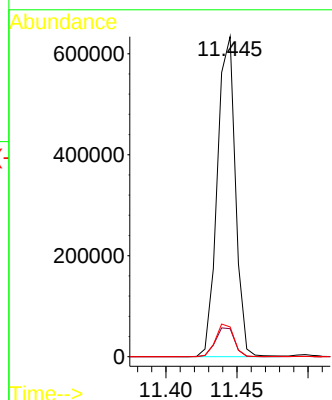
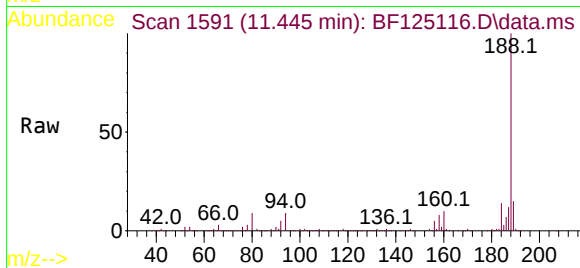




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

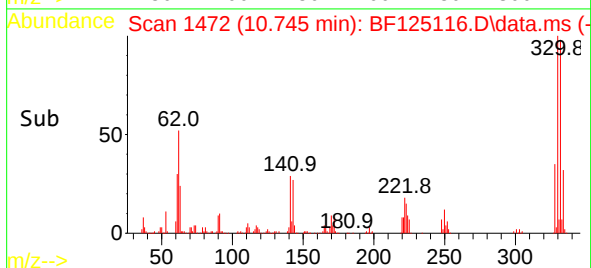
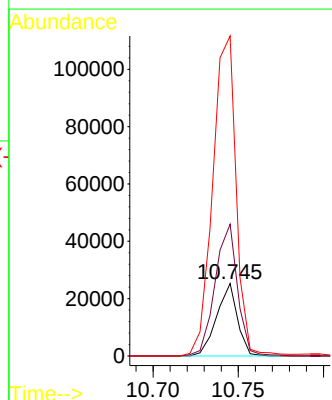
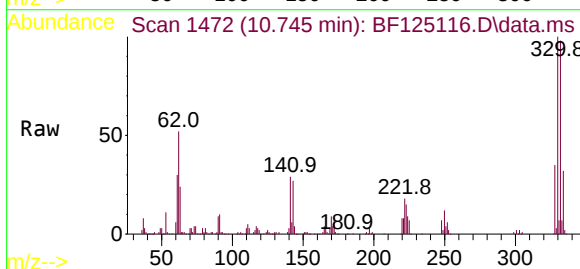
Instrument :
BNA_F
ClientSampled :
TP3

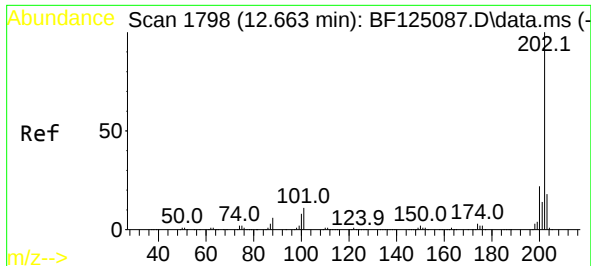
Tgt Ion:188 Resp: 562363
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.174 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:248 Resp: 21432
Ion Ratio Lower Upper
248 100
250 182.1 74.2 111.4#
141 441.6 60.4 90.6#

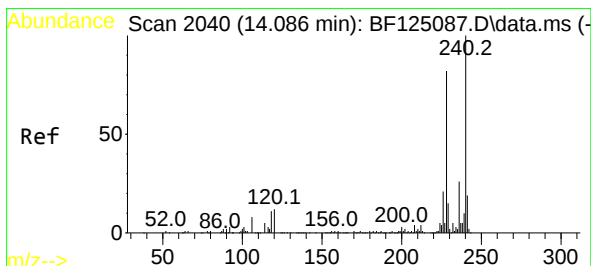
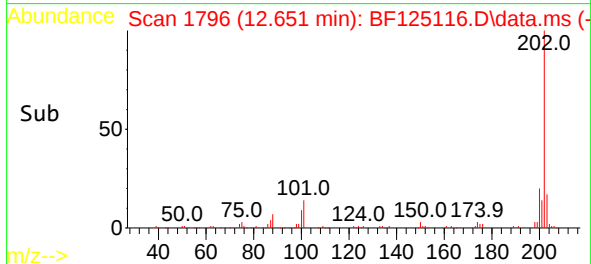
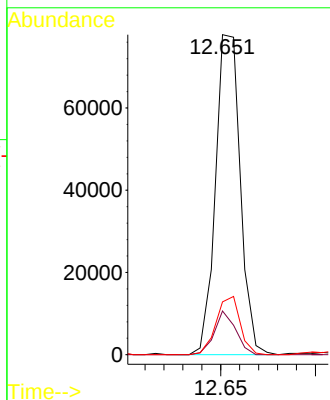
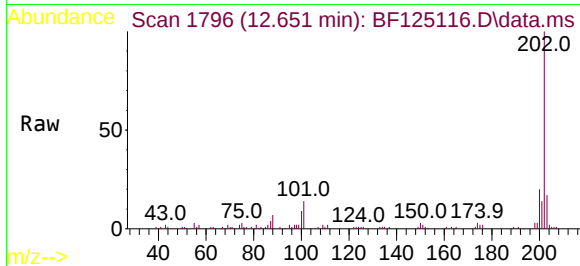




#75
Fluoranthene
Concen: 2.307 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

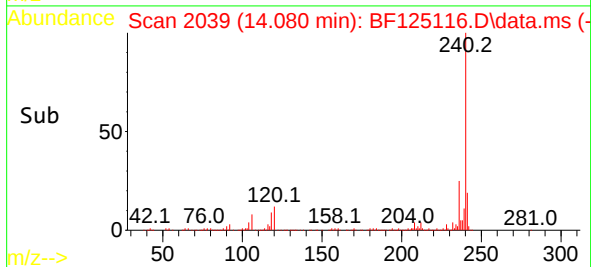
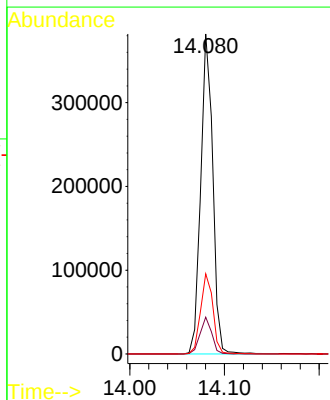
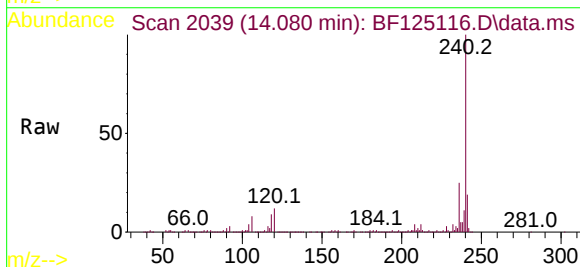
Instrument :
BNA_F
ClientSampled :
TP3

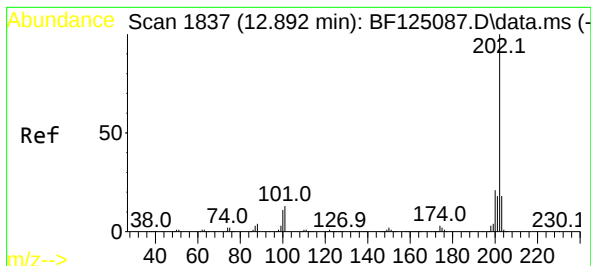
Tgt Ion:	202	Resp:	70939
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.7
203	16.5	0.0	36.3



#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

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

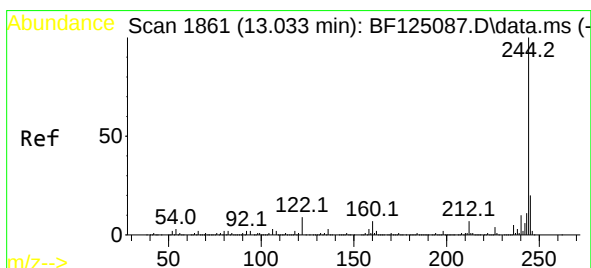
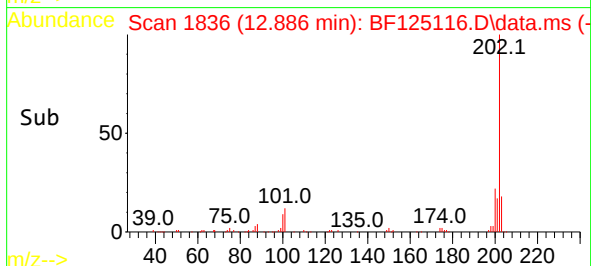
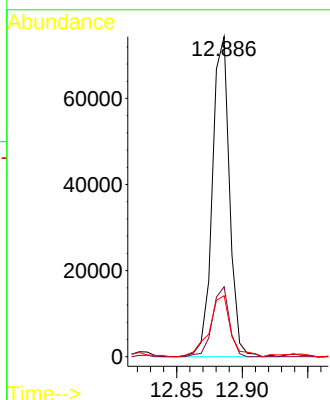
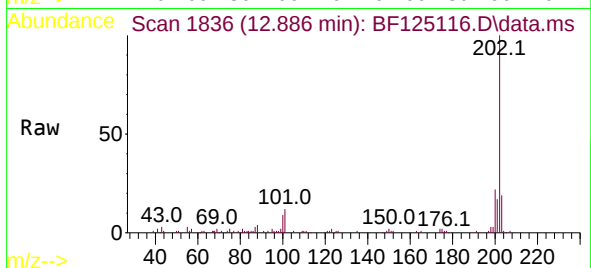
203 19.1 13.4 20.0

Instrument :

BNA_F

ClientSampleId :

TP3



#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

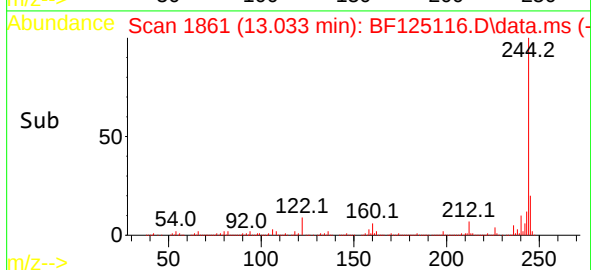
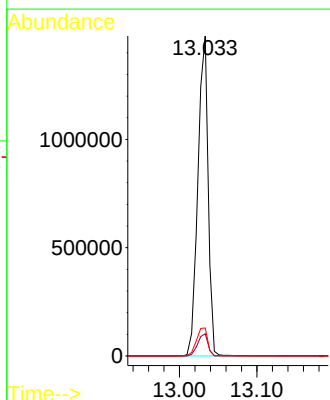
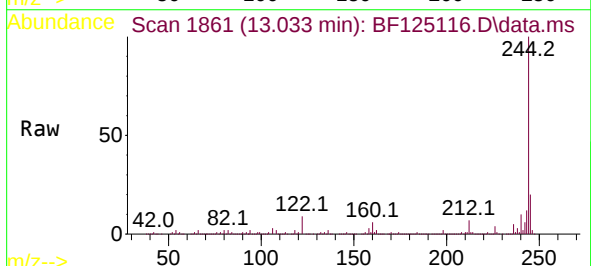
Tgt Ion:244 Resp: 1359620

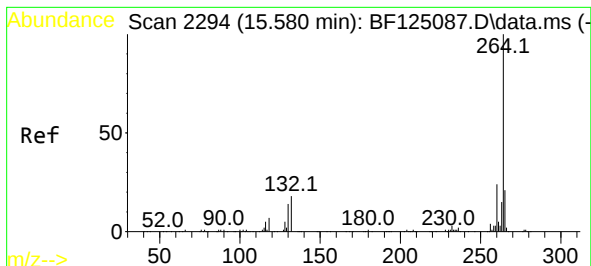
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.8 9.0 13.4#

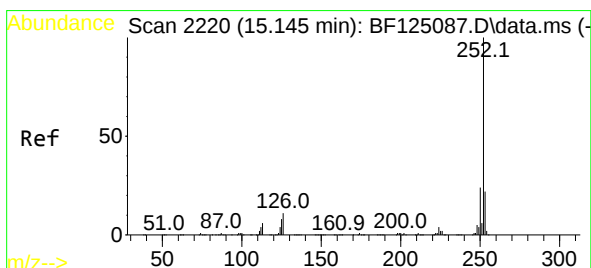
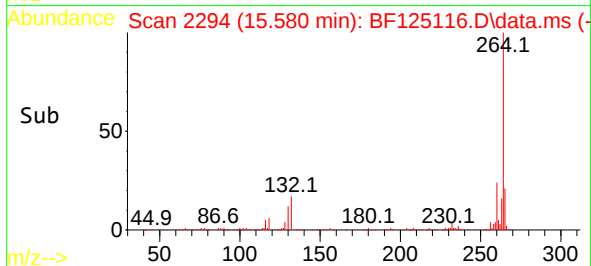
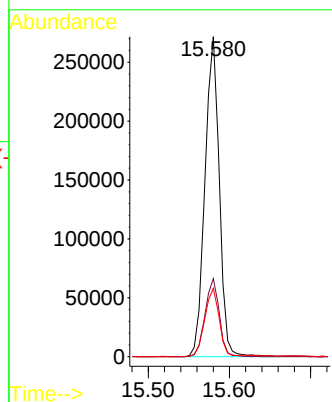
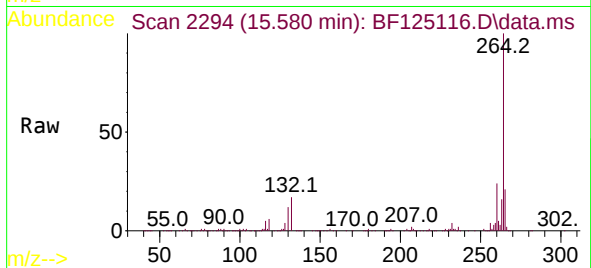




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

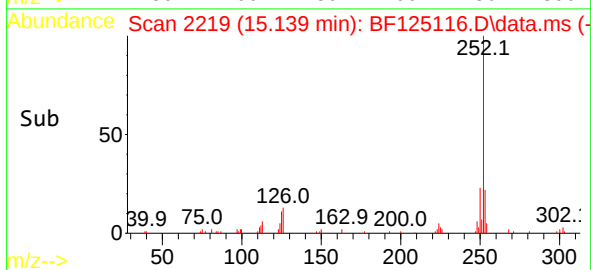
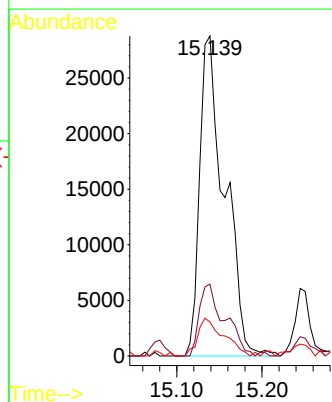
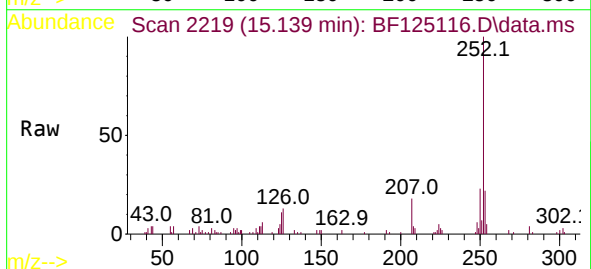
Instrument :
BNA_F
ClientSampled :
TP3

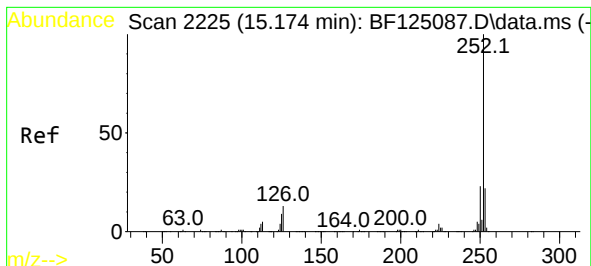
Tgt Ion:264 Resp: 333172
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.408 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF125116.D
Acq: 19 Aug 2021 16:05

Tgt Ion:252 Resp: 58614
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 10.6 9.8 14.8





#89

Benzo(k)fluoranthene

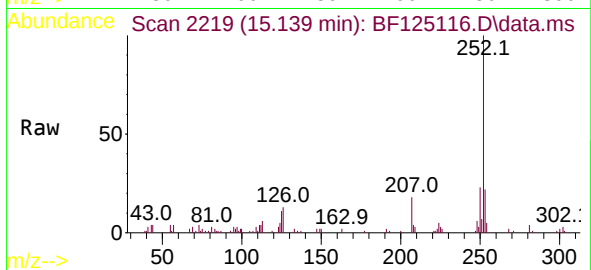
Concen: 2.581 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.035 min

Lab File: BF125116.D

Acq: 19 Aug 2021 16:05



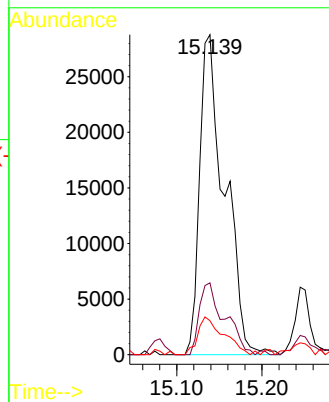
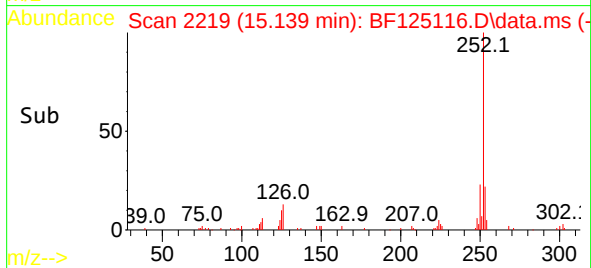
Tgt Ion:252 Resp: 58614

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.6 7.2 10.8



Instrument :

BNA_F

ClientSampleId :

TP3