

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125156.D
 Acq On : 23 Aug 2021 15:32
 Operator : JU/CG
 Sample : M3465-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-C

Quant Time: Aug 23 16:53:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	154004	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	595989	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	325827	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	538849	20.000	ng	0.00
76) Chrysene-d12	14.092	240	368576	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	373658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	486456	47.810	ng	0.00
7) Phenol-d6	6.539	99	913423	69.414	ng	0.00
23) Nitrobenzene-d5	7.481	82	737155	62.269	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	57599	17.709	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1343774	57.480	ng	0.00
79) Terphenyl-d14	13.033	244	1309877	56.617	ng	0.00

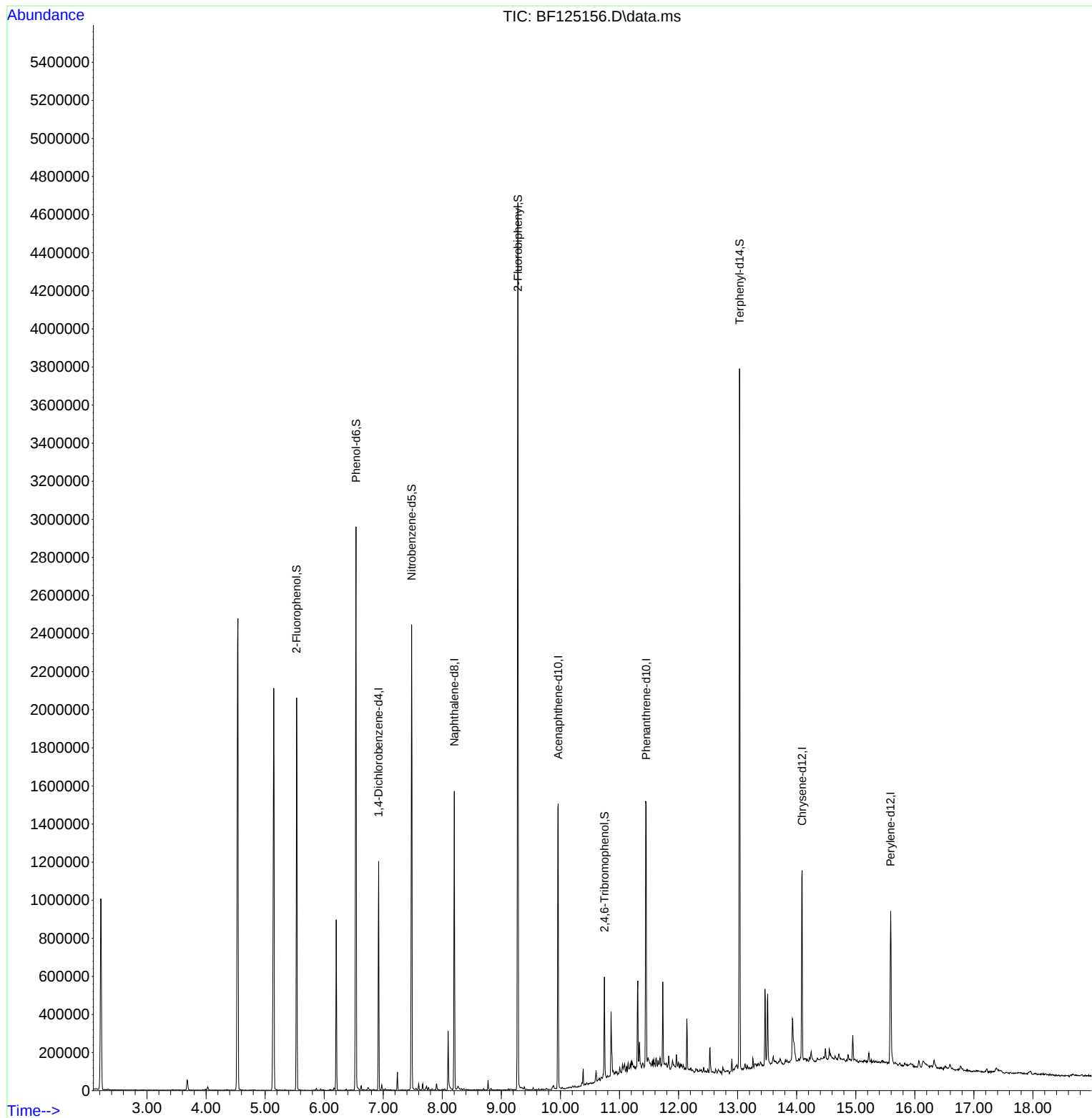
Target Compounds	Qvalue

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

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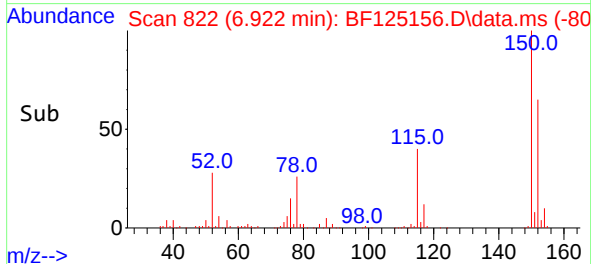
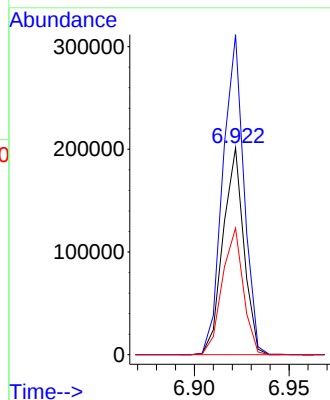
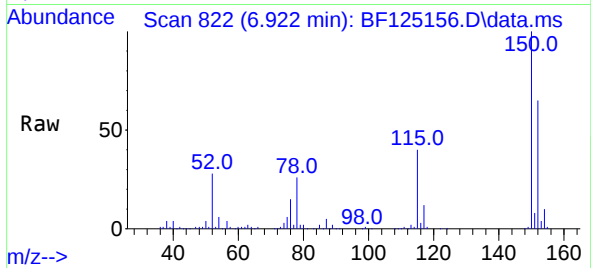




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

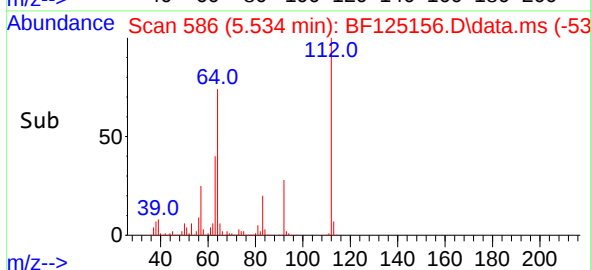
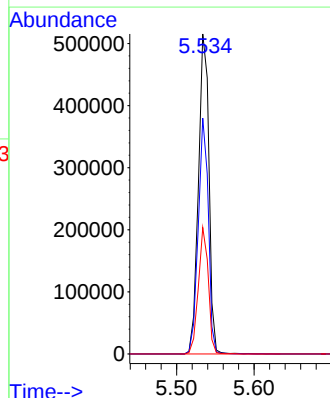
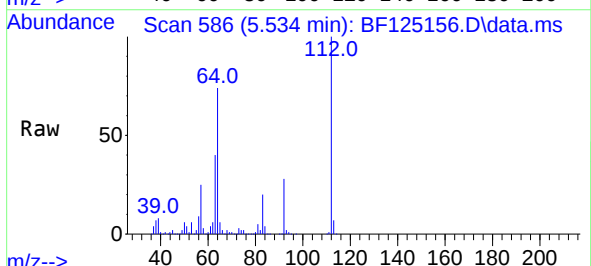
Instrument :
BNA_F
ClientSampleId :
CON-C

Tgt Ion:152 Resp: 154004
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 47.810 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:112 Resp: 486456
Ion Ratio Lower Upper
112 100
64 73.7 44.2 66.2#
63 39.5 26.2 39.2#

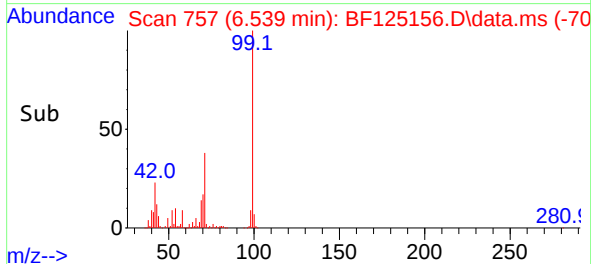
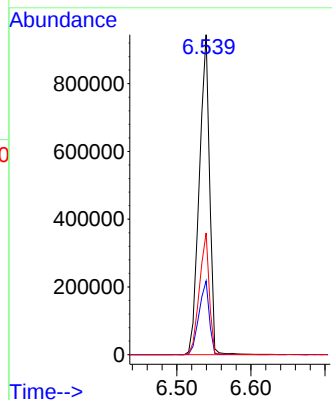
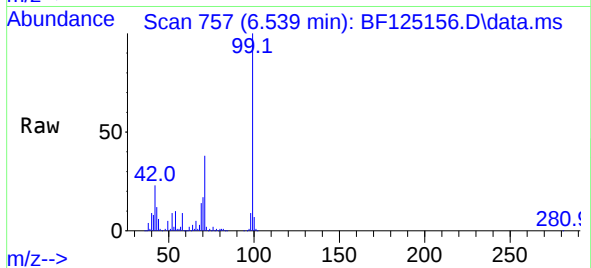




#7
Phenol-d6
Concen: 69.414 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

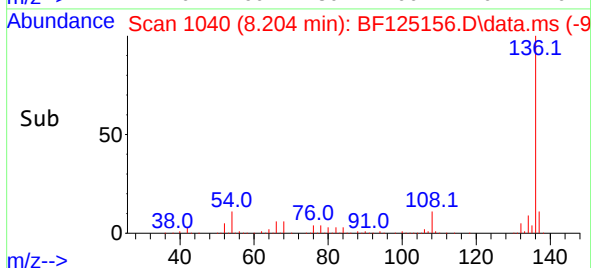
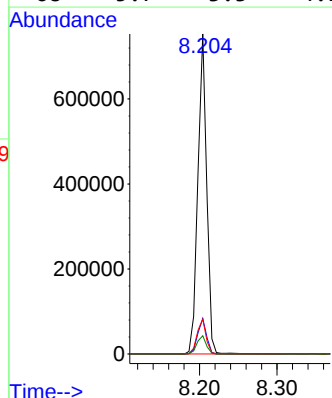
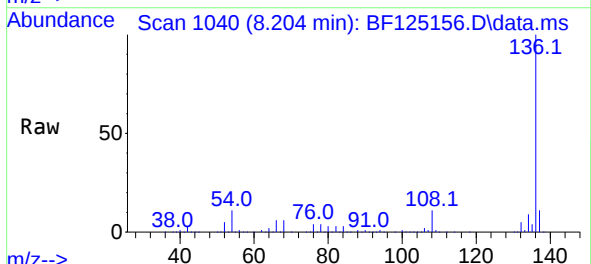
Instrument :
BNA_F
ClientSampleId :
CON-C

Tgt Ion: 99 Resp: 913423
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 38.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion: 136 Resp: 595989
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.8 6.4 9.6#
68 5.7 3.3 4.9#

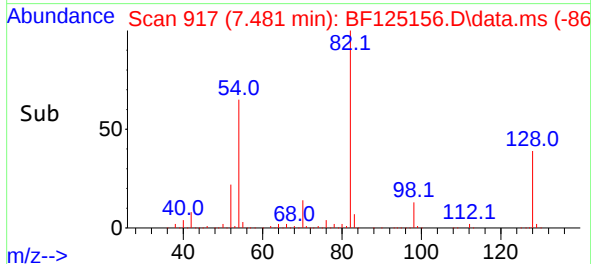
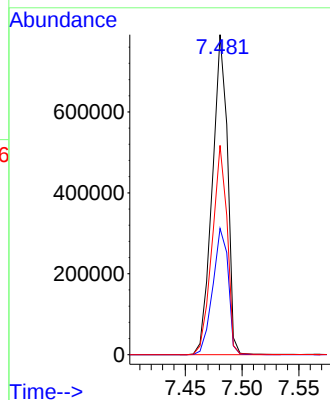
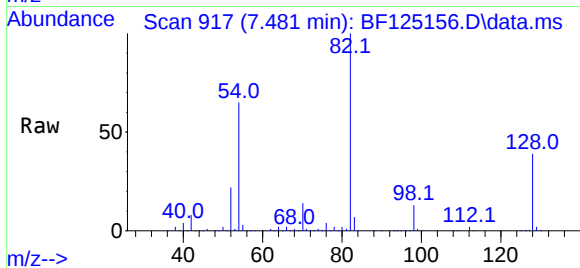




#23
Nitrobenzene-d5
Concen: 62.269 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

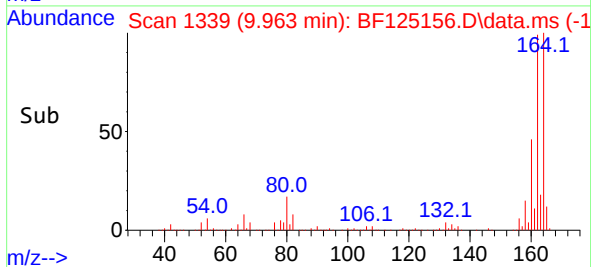
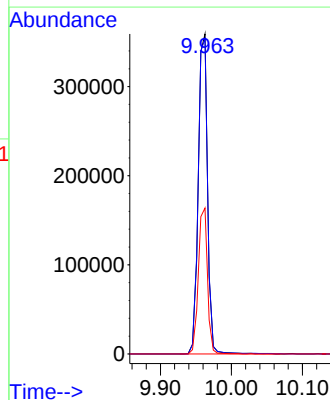
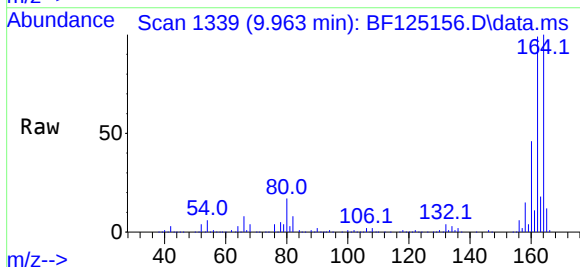
Instrument :
BNA_F
ClientSampleId :
CON-C

Tgt Ion: 82 Resp: 737155
Ion Ratio Lower Upper
82 100
128 39.4 40.6 60.8#
54 65.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:164 Resp: 325827
Ion Ratio Lower Upper
164 100
162 98.5 81.3 121.9
160 45.6 38.0 57.0

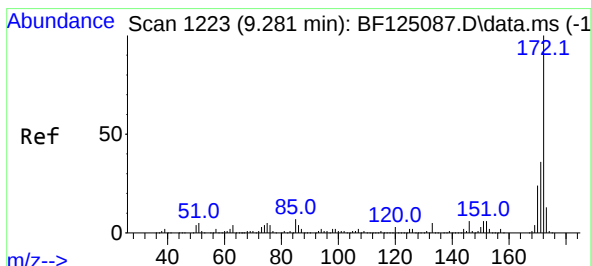
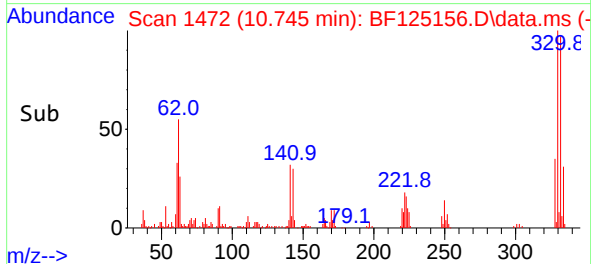
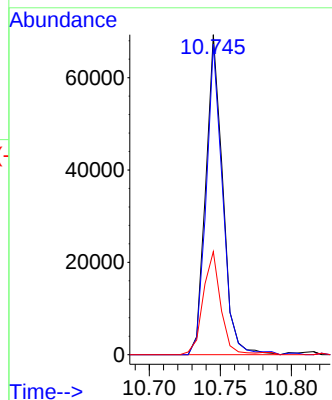
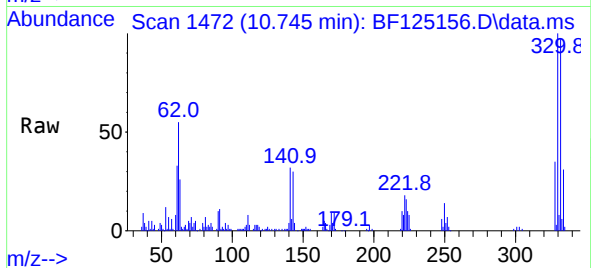




#42
2,4,6-Tribromophenol
Concen: 17.709 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

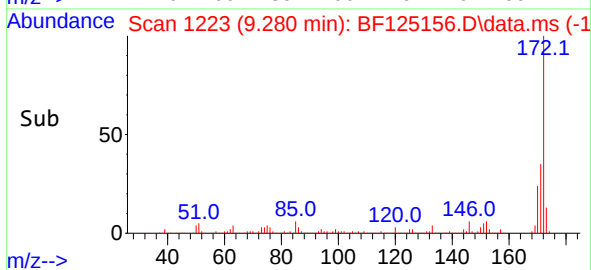
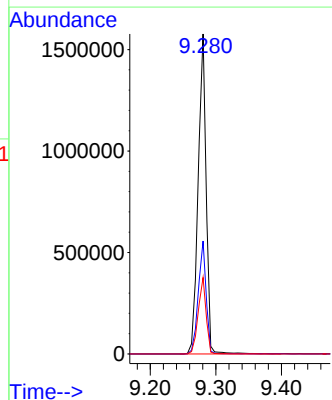
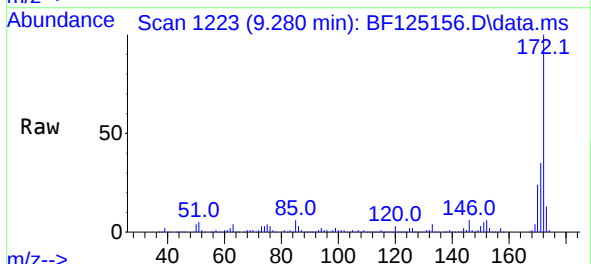
Instrument :
BNA_F
ClientSampleId :
CON-C

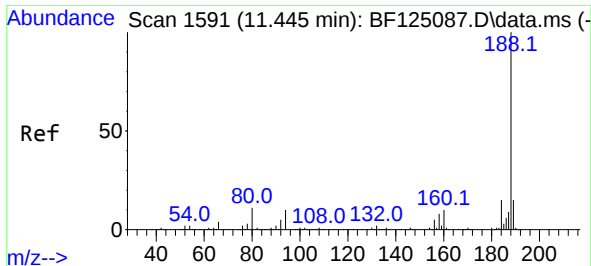
Tgt Ion: 330 Resp: 57599
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 33.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.480 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion: 172 Resp: 1343774
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.9 18.8 28.2

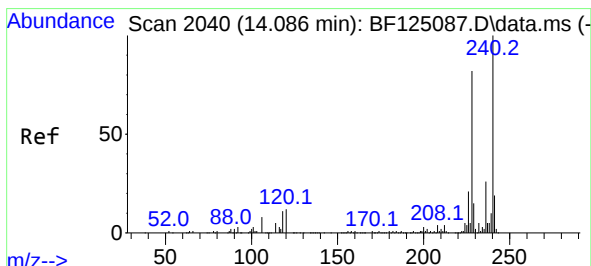
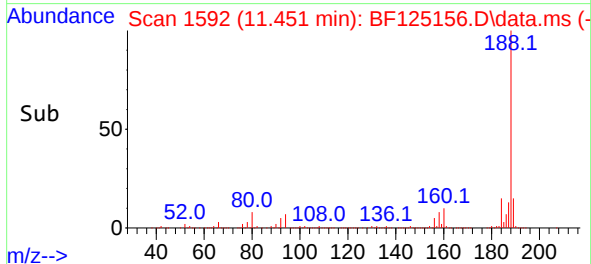
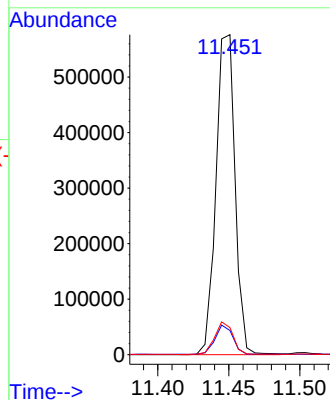
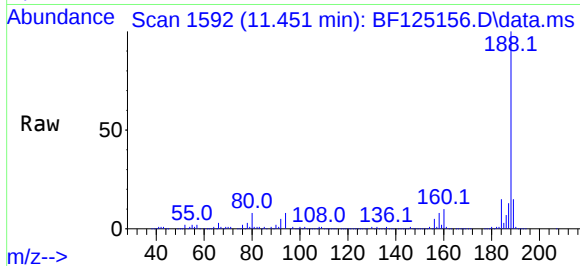




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

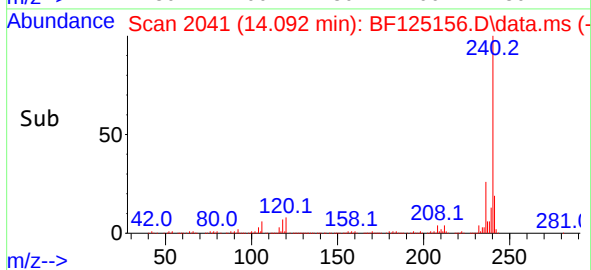
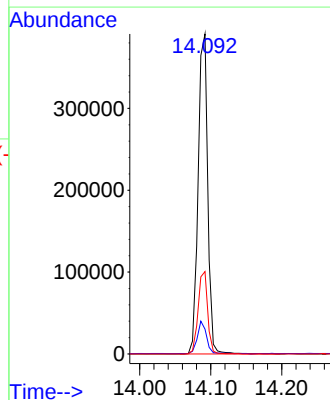
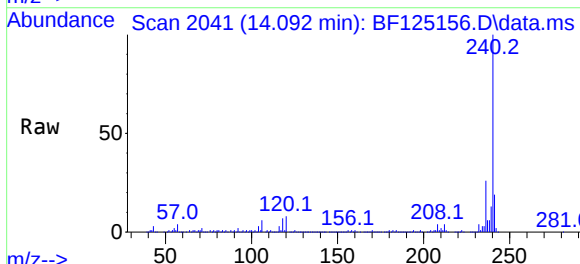
Instrument :
BNA_F
ClientSampled :
CON-C

Tgt Ion:188 Resp: 538849
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

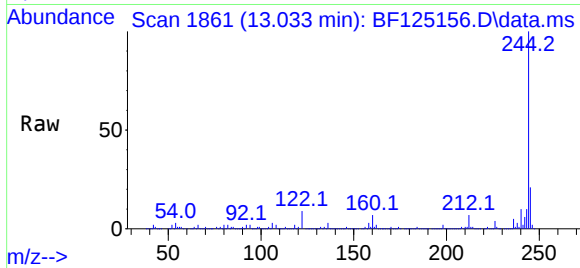
Tgt Ion:240 Resp: 368576
Ion Ratio Lower Upper
240 100
120 7.8 10.8 16.2#
236 25.7 21.6 32.4





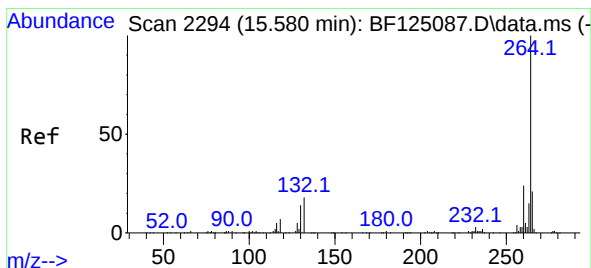
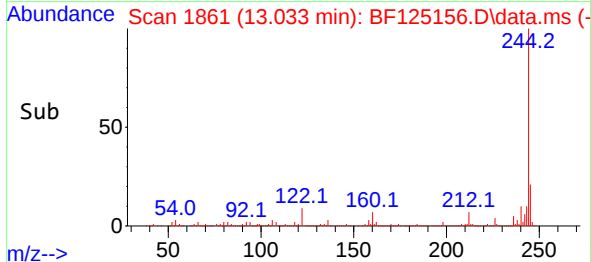
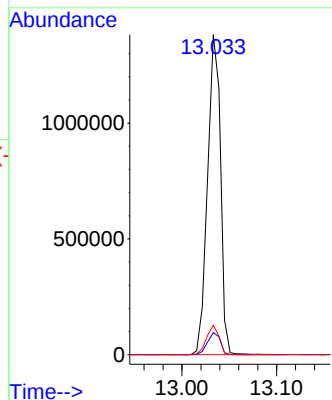
#79
Terphenyl-d14
Concen: 56.617 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Instrument :
BNA_F
ClientSampleId :
CON-C



Tgt Ion:244 Resp: 1309877

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.2	9.0	13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:264 Resp: 373658

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.7	17.2	25.8

