

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125494.D
 Acq On : 15 Sep 2021 1:59
 Operator : JU/CG
 Sample : M3725-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 31190

Quant Time: Sep 15 02:34:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

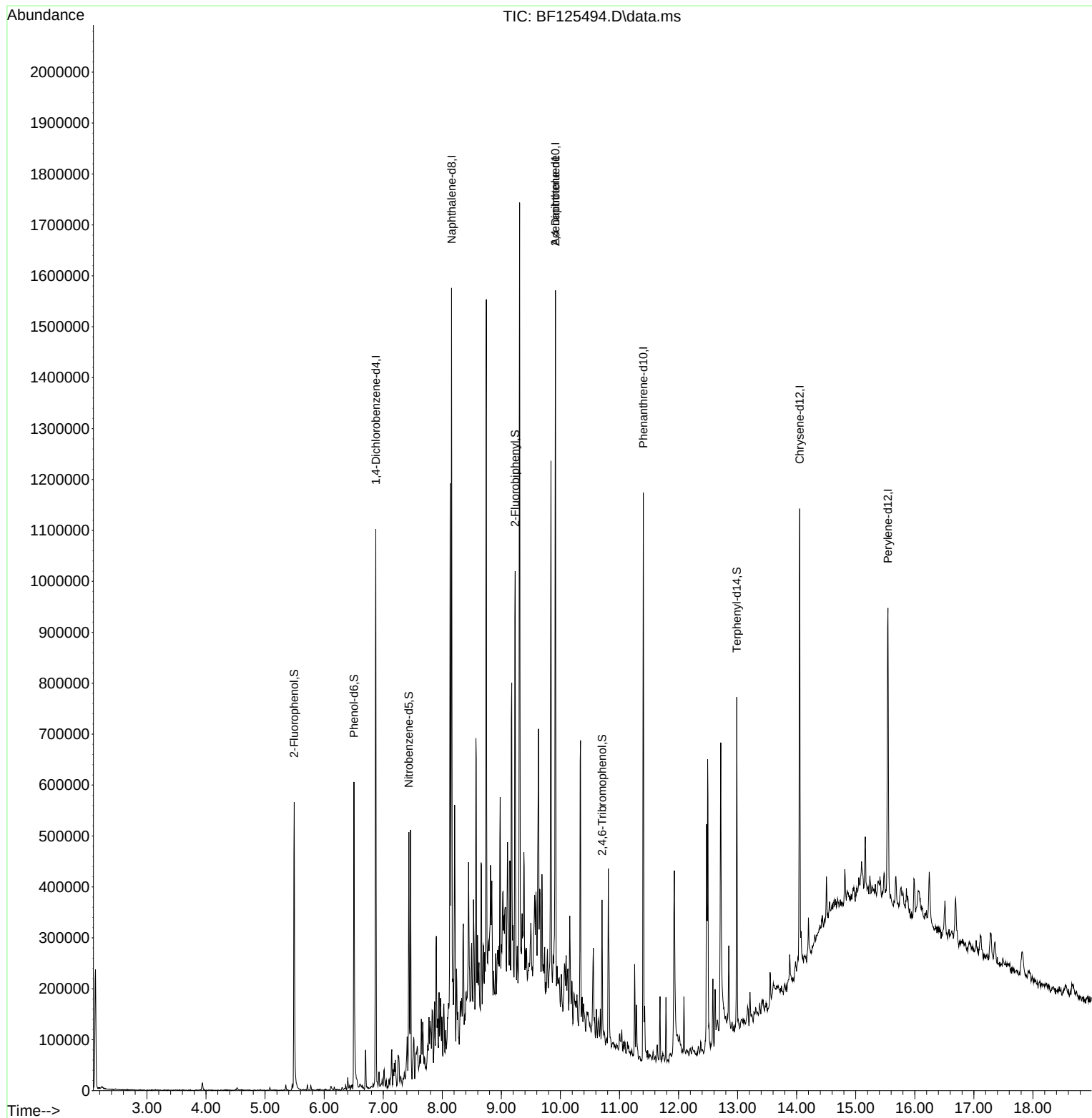
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151982	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	558153	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	261881	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	384611	20.000	ng	0.00
76) Chrysene-d12	14.051	240	305428	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	252534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	159217	15.857	ng	-0.01
7) Phenol-d6	6.504	99	210456	16.206	ng	-0.02
23) Nitrobenzene-d5	7.434	82	134214	12.106	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	32690	12.505	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	253829	13.509	ng	0.00
79) Terphenyl-d14	12.986	244	197142	10.283	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	9.916	165	35814	7.520	ng	# 21

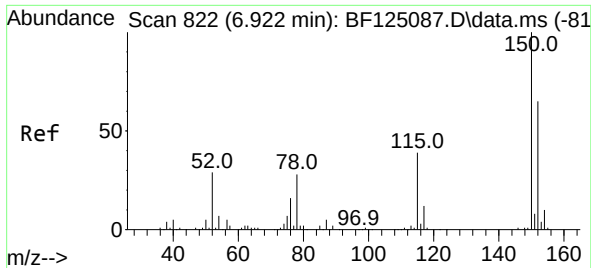
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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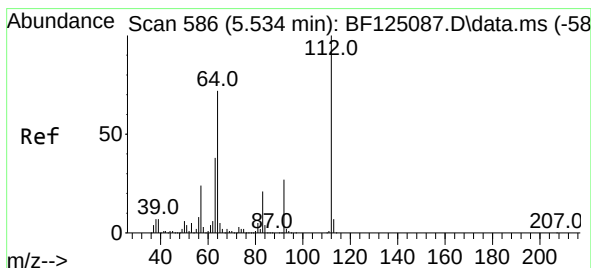
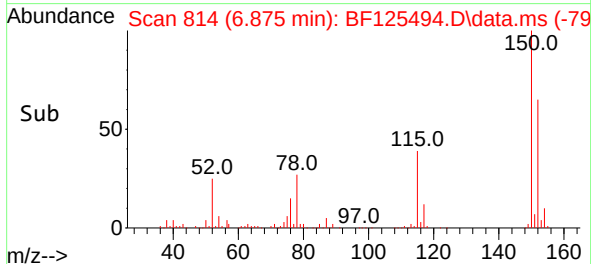
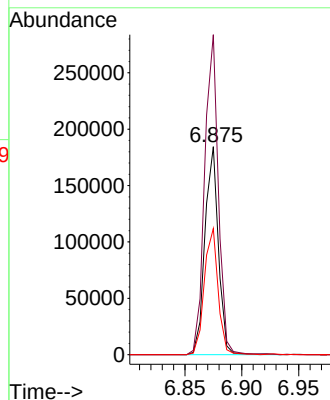
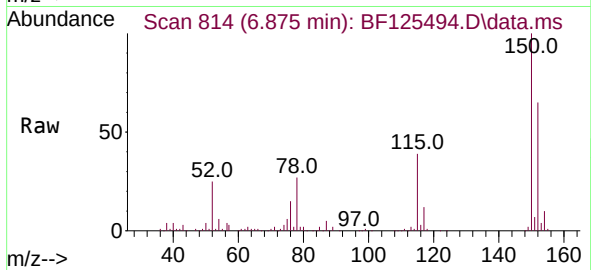




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

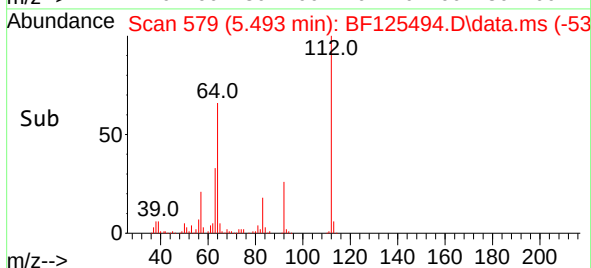
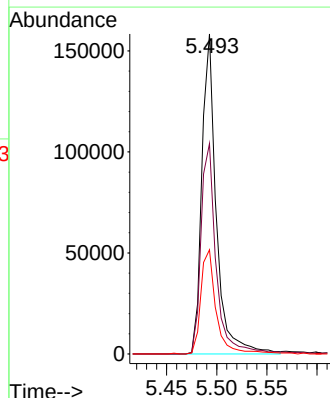
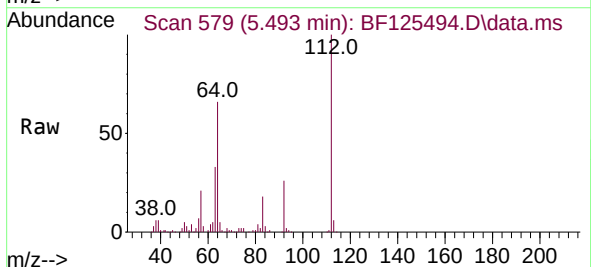
Instrument :
BNA_F
ClientSampled :
31190

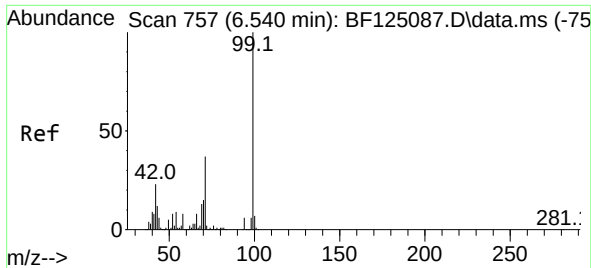
Tgt Ion:152 Resp: 151982
Ion Ratio Lower Upper
152 100
150 153.8 117.6 176.4
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 15.857 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.012 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion:112 Resp: 159217
Ion Ratio Lower Upper
112 100
64 65.7 44.2 66.2
63 32.6 26.2 39.2

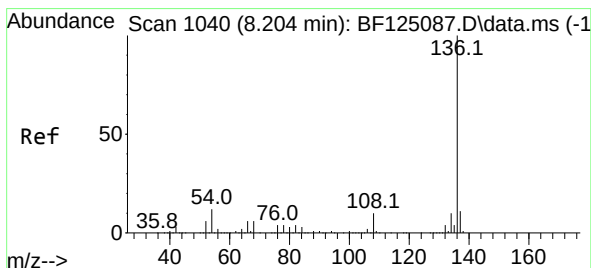
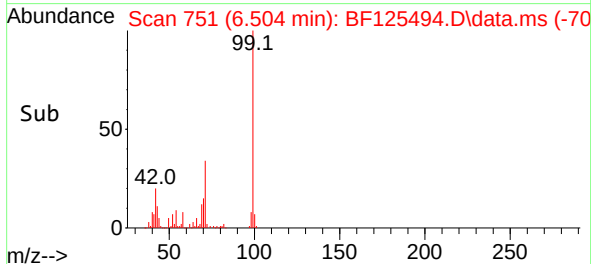
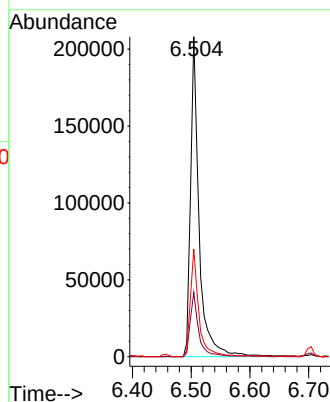
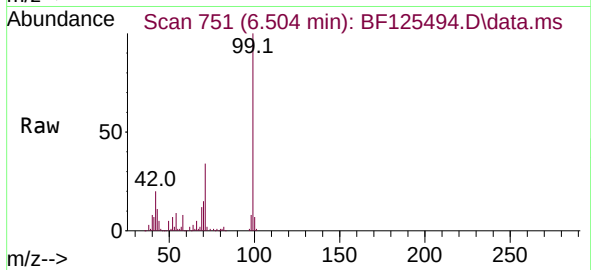




#7
Phenol-d6
Concen: 16.206 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

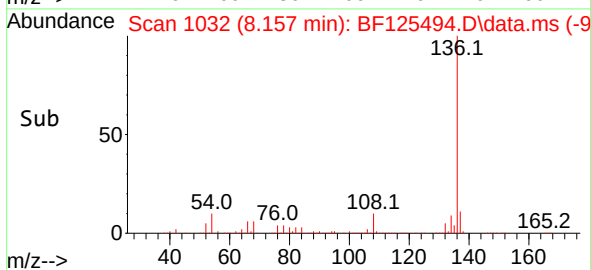
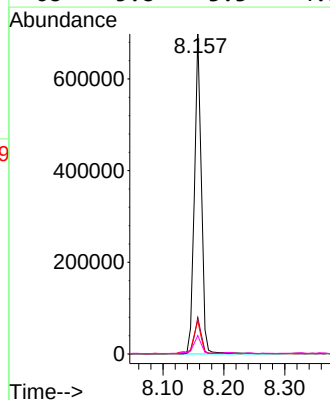
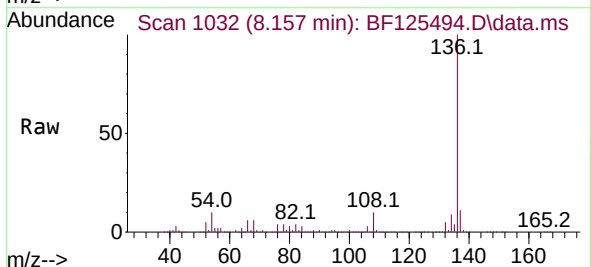
Instrument :
BNA_F
ClientSampleId :
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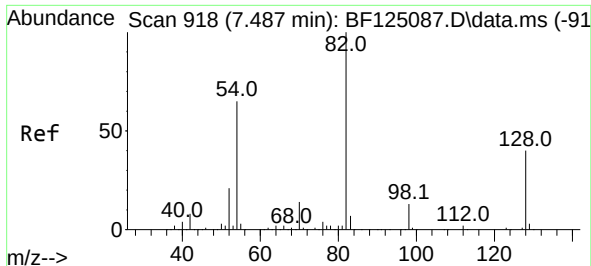
Tgt Ion: 99 Resp: 210456
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 33.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion: 136 Resp: 558153
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 10.4 6.4 9.6#
68 5.8 3.3 4.9#

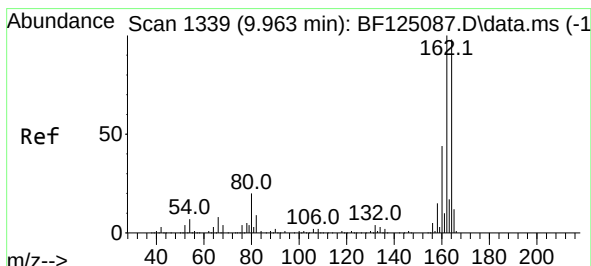
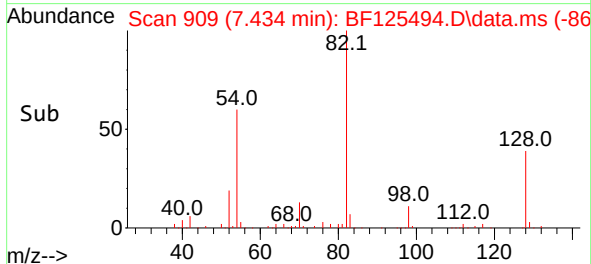
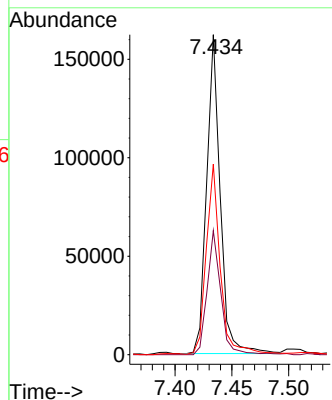
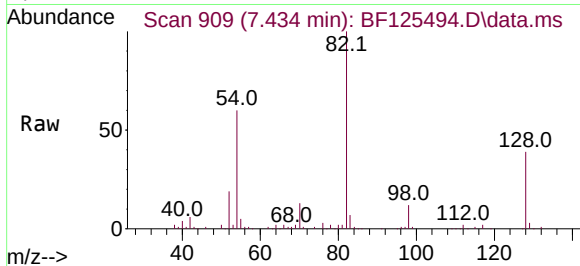




#23
Nitrobenzene-d5
Concen: 12.106 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

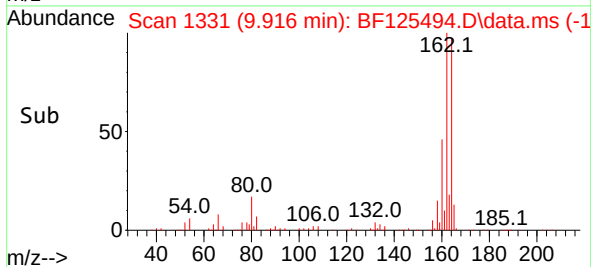
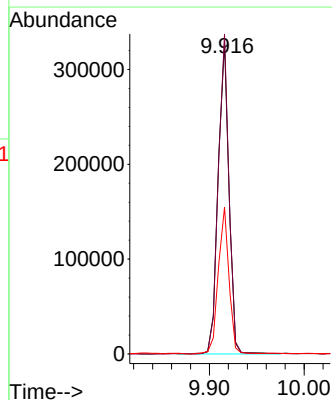
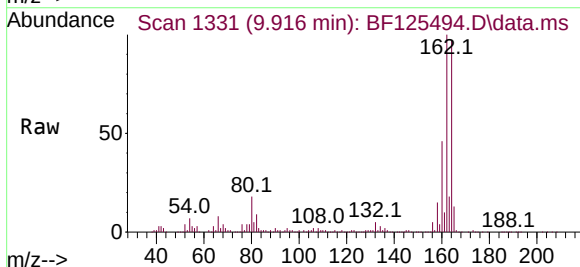
Instrument :
BNA_F
ClientSampleId :
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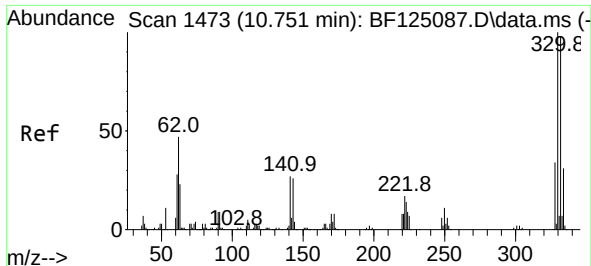
Tgt Ion: 82 Resp: 134214
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 59.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion:164 Resp: 261881
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 47.2 38.0 57.0

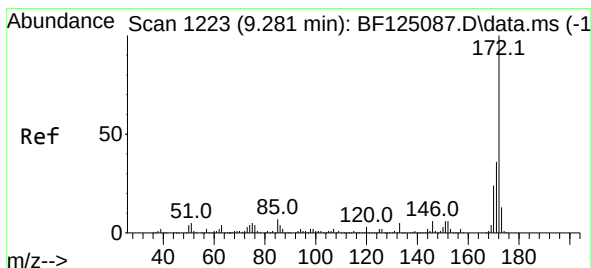
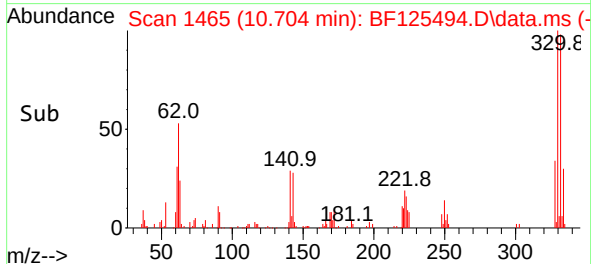
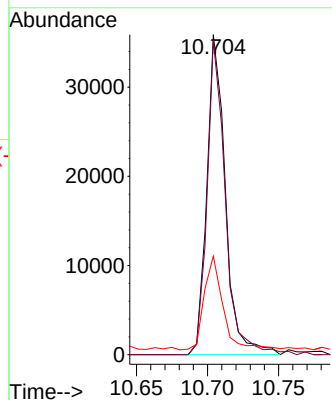
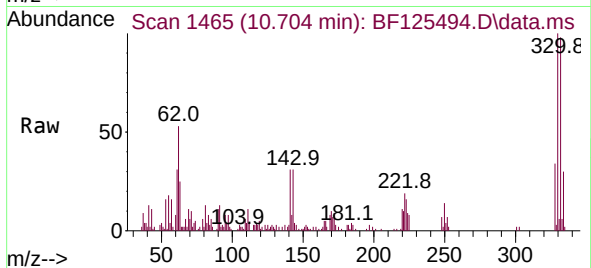




#42
2,4,6-Tribromophenol
Concen: 12.505 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

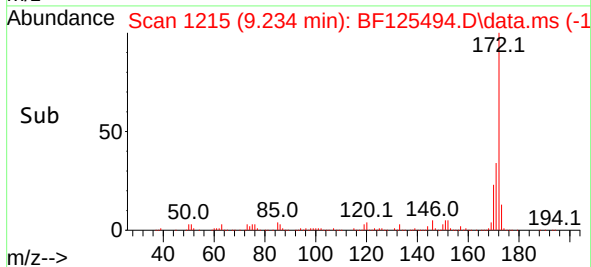
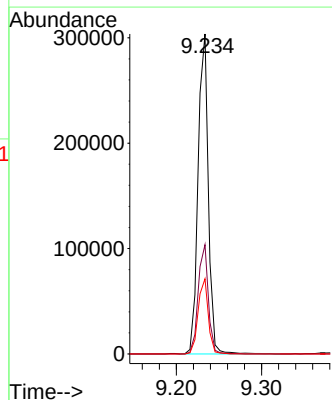
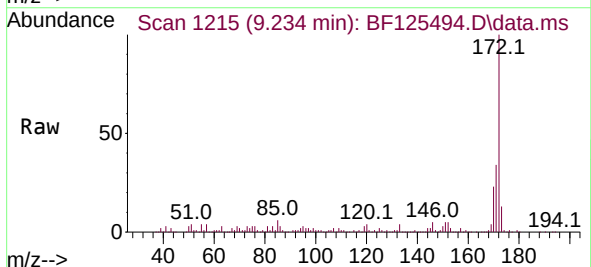
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BNA_F
ClientSampled :
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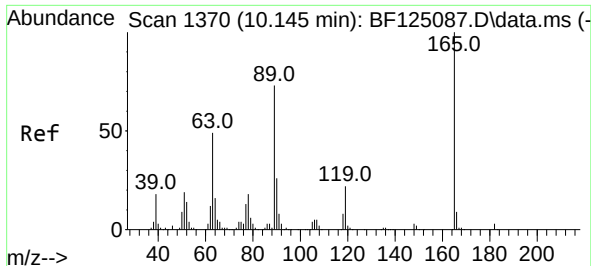
Tgt Ion: 330 Resp: 32690
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 29.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 13.509 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion: 172 Resp: 253829
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.5 18.8 28.2

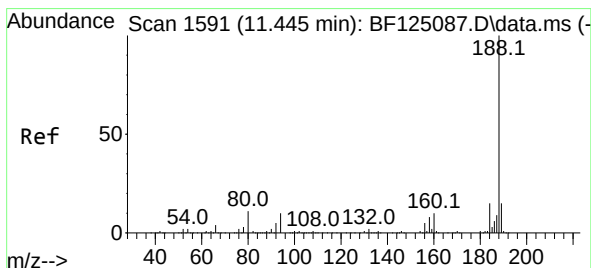
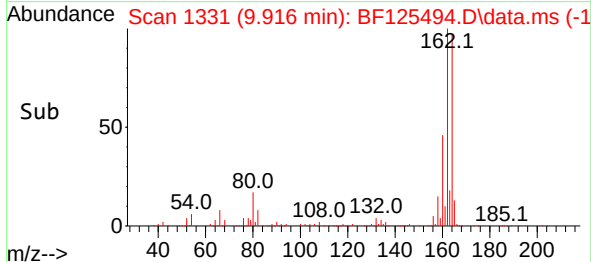
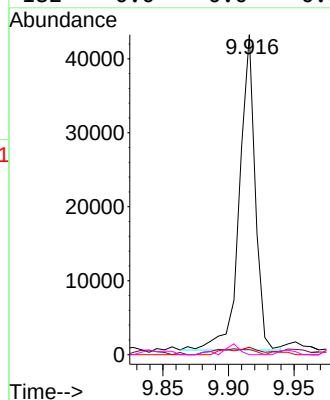
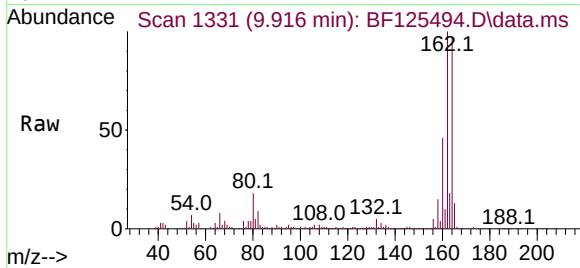




#57
2,4-Dinitrotoluene
Concen: 7.520 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

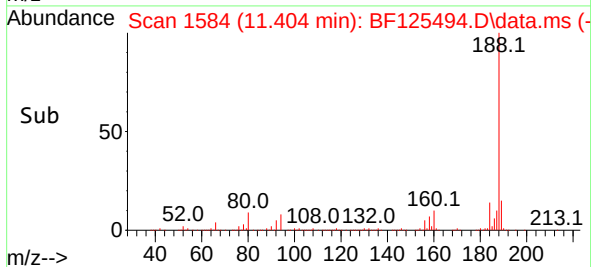
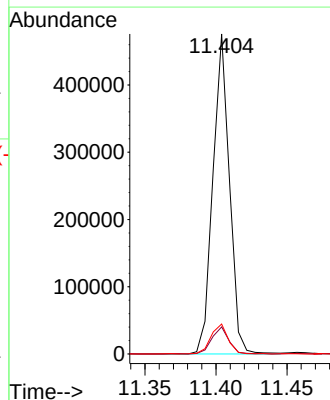
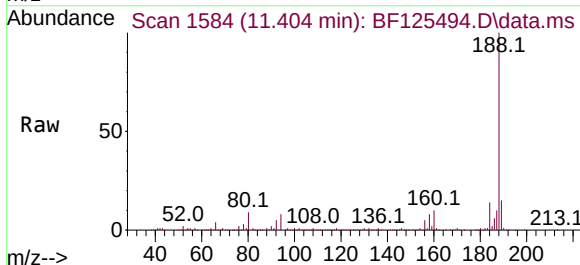
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ClientSampled :
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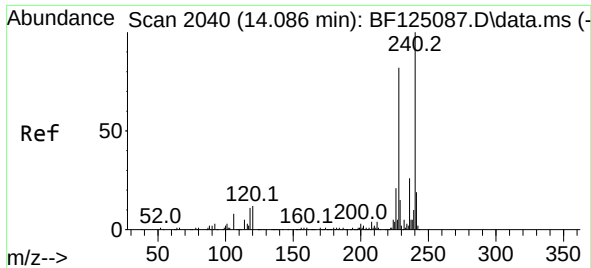
Tgt Ion:165	Resp:	35814
Ion Ratio	Lower	Upper
165	100	
63	2.3	40.9 61.3#
89	1.6	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion:188	Resp:	384611
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.7 10.1
80	9.3	7.5 11.3

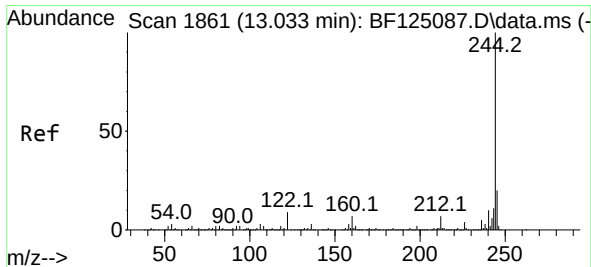
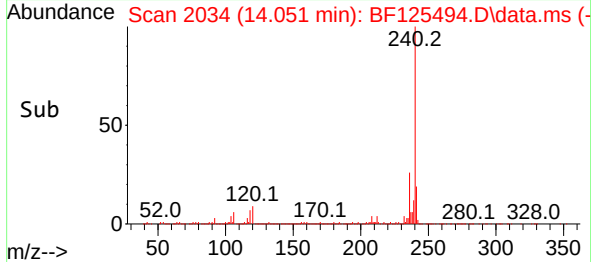
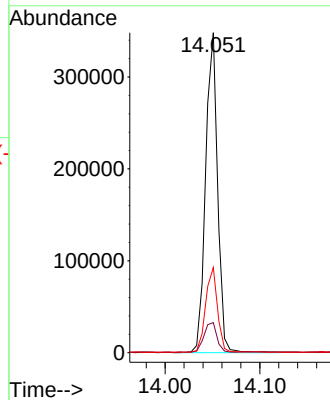
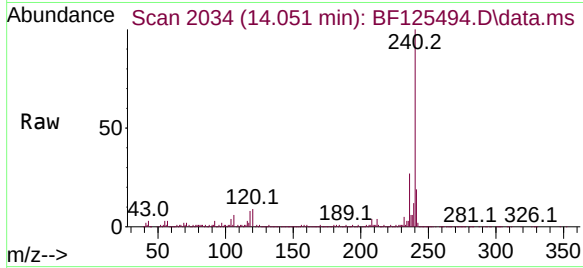




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

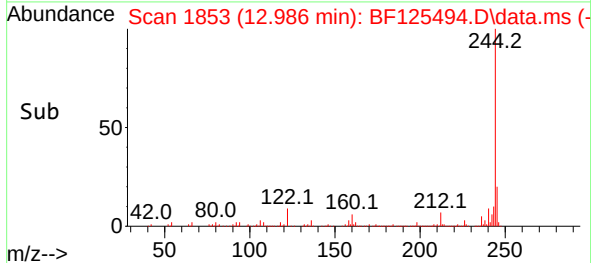
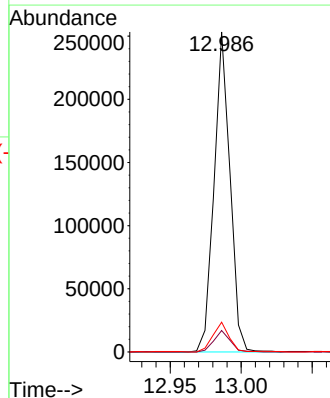
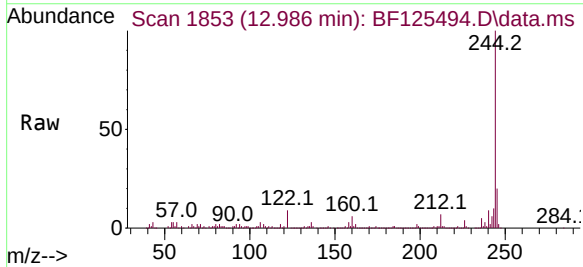
Instrument :
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ClientSampled :
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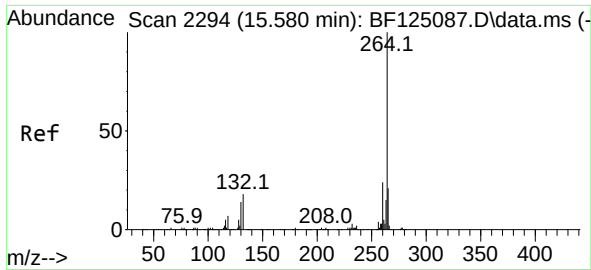
Tgt Ion:240 Resp: 305428
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 10.283 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF125494.D
Acq: 15 Sep 2021 1:59

Tgt Ion:244 Resp: 197142
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF125494.D
 Acq: 15 Sep 2021 1:59

Instrument :
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Tgt Ion:264	Resp:	252534
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.6 29.4
265	21.7	17.2 25.8

