

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125434.D
 Acq On : 10 Sep 2021 20:42
 Operator : JU/CG
 Sample : M3684-11 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A017145

Quant Time: Sep 11 01:08:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

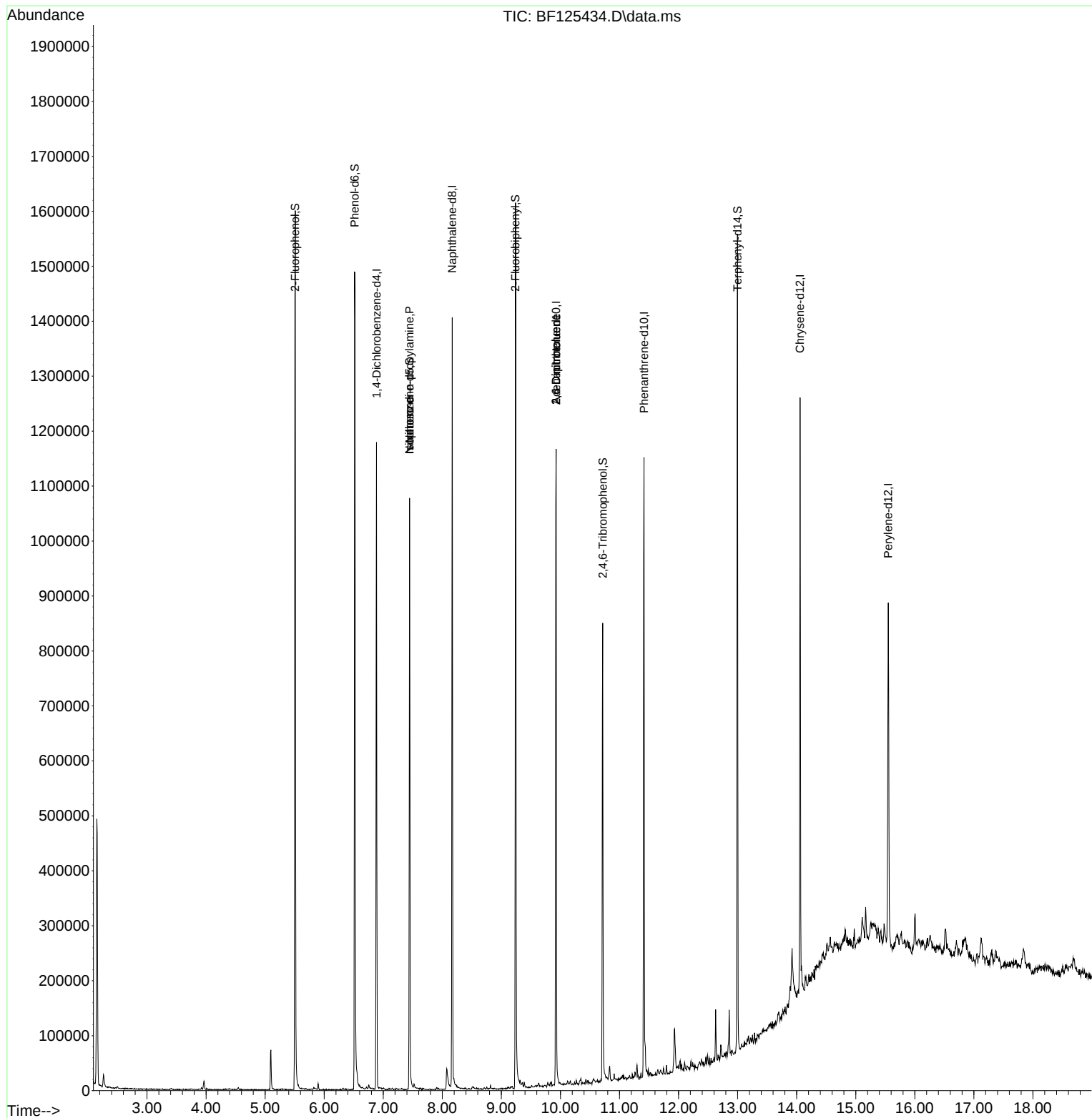
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	159022	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	557351	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	251998	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	416345	20.000	ng	0.00
76) Chrysene-d12	14.057	240	358578	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	274501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	417829	39.770	ng	0.00
7) Phenol-d6	6.516	99	498830	36.711	ng	-0.01
23) Nitrobenzene-d5	7.445	82	308552	27.871	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	104874	41.691	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	530285	29.329	ng	-0.01
79) Terphenyl-d14	12.998	244	506148	22.487	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	40513	4.957	ng	# 57
25) Isophorone	7.445	82	308549	14.447	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	33346	8.806	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	33346	7.276	ng	# 20

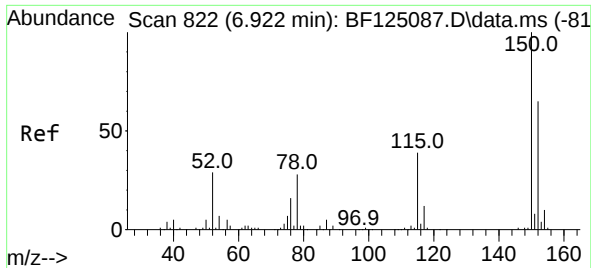
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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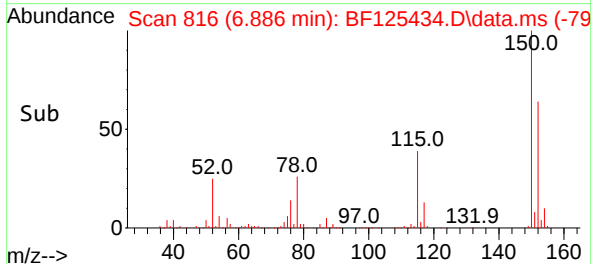
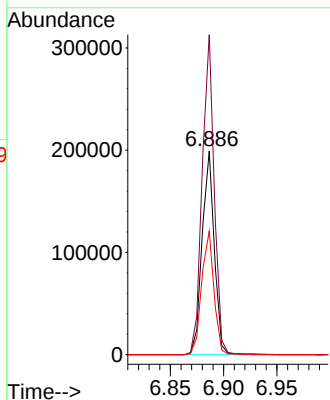
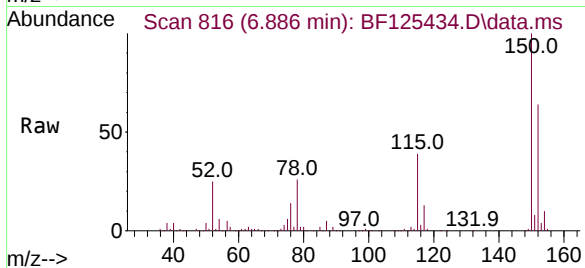




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125434.D
 Acq: 10 Sep 2021 20:42

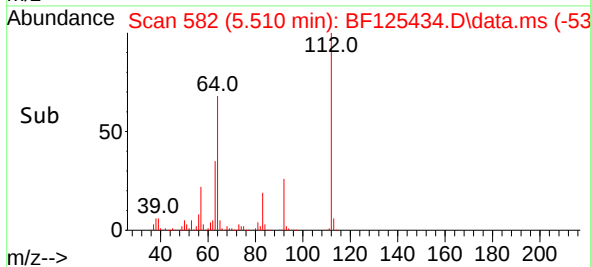
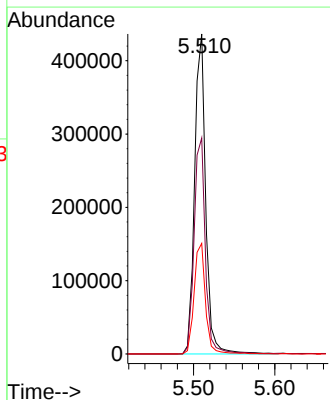
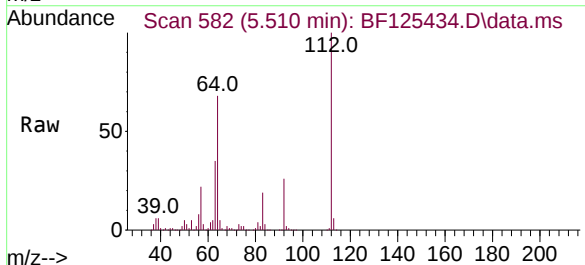
Instrument :
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 A017145

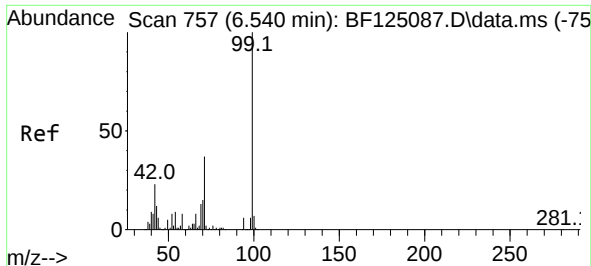
Tgt Ion:152 Resp: 159022
 Ion Ratio Lower Upper
 152 100
 150 157.3 117.6 176.4
 115 60.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 39.770 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF125434.D
 Acq: 10 Sep 2021 20:42

Tgt Ion:112 Resp: 417829
 Ion Ratio Lower Upper
 112 100
 64 67.5 44.2 66.2#
 63 34.6 26.2 39.2

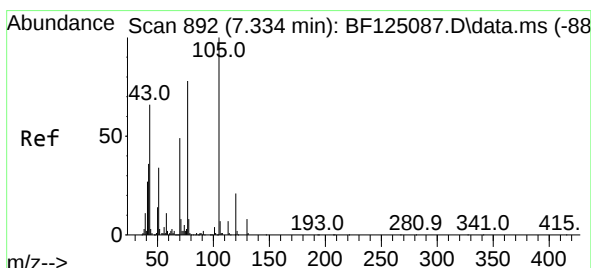
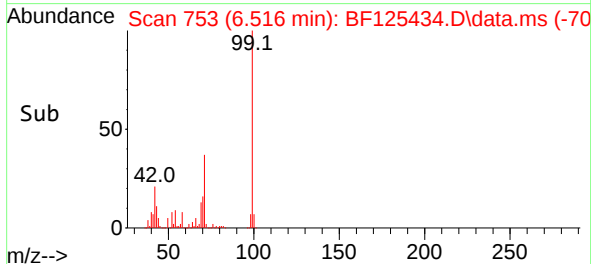
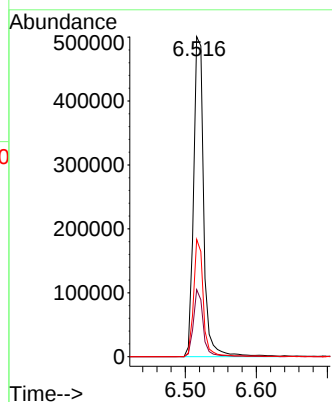
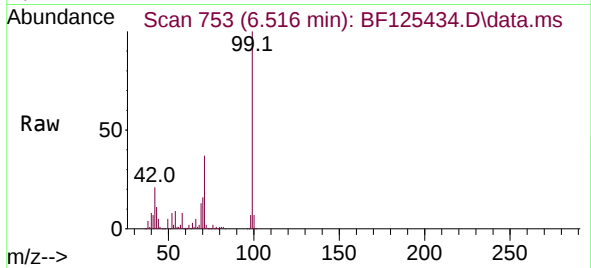




#7
Phenol-d6
Concen: 36.711 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

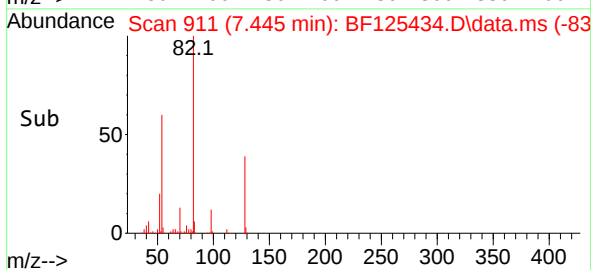
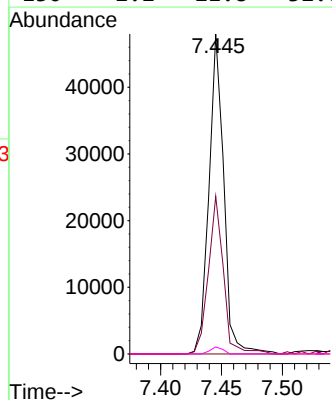
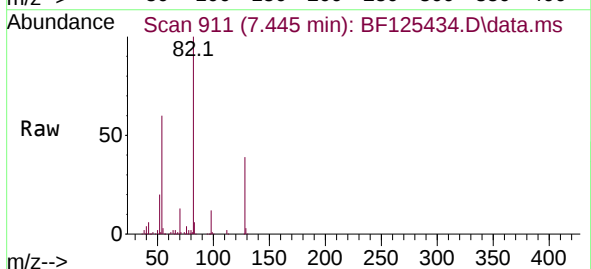
Instrument :
BNA_F
ClientSampleId :
A017145

Tgt Ion: 99 Resp: 498830
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.957 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion: 70 Resp: 40513
Ion Ratio Lower Upper
70 100
42 49.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

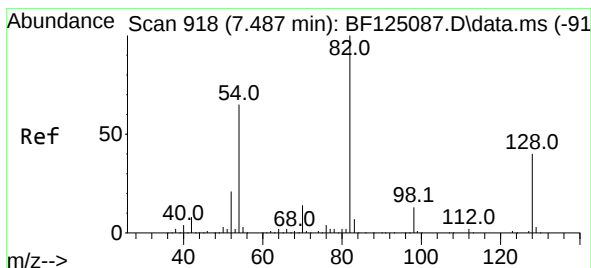
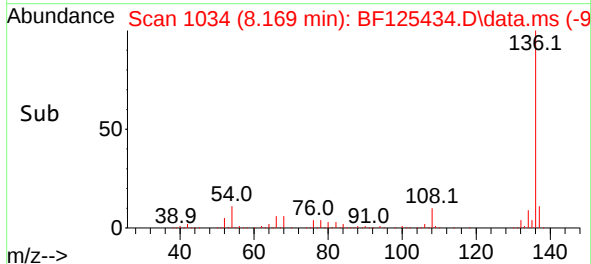
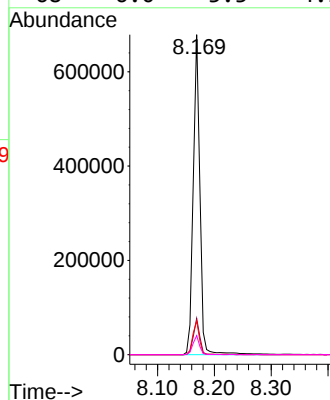
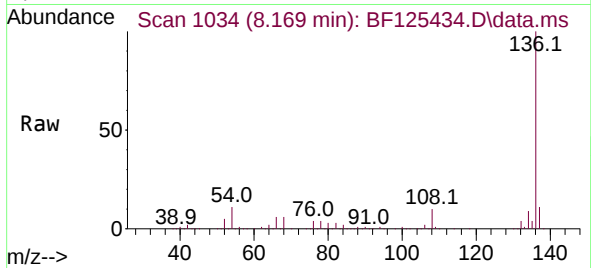




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

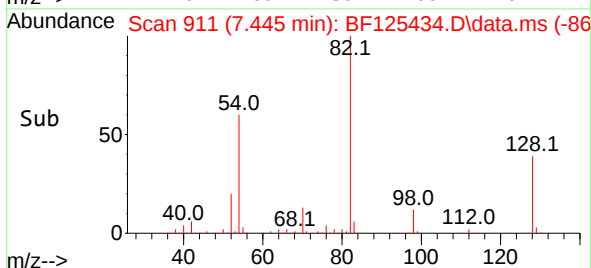
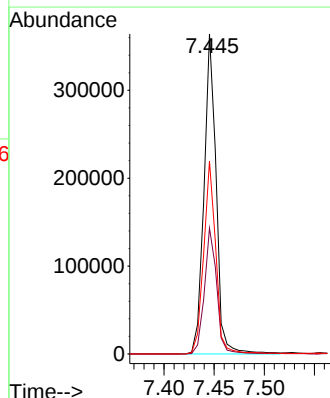
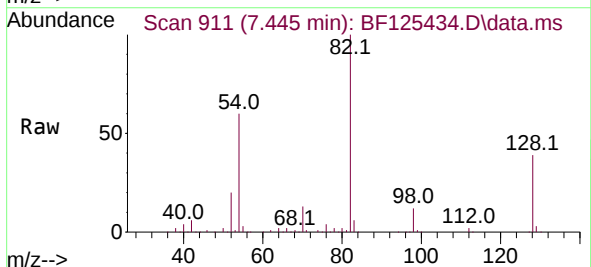
Instrument :
BNA_F
ClientSampleId :
A017145

Tgt Ion:136	Resp: 557351
Ion Ratio	Lower Upper
136	100
137	11.3 9.8 14.6
54	10.6 6.4 9.6#
68	6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 27.871 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion: 82	Resp: 308552
Ion Ratio	Lower Upper
82	100
128	39.3 40.6 60.8#
54	60.3 49.6 74.4

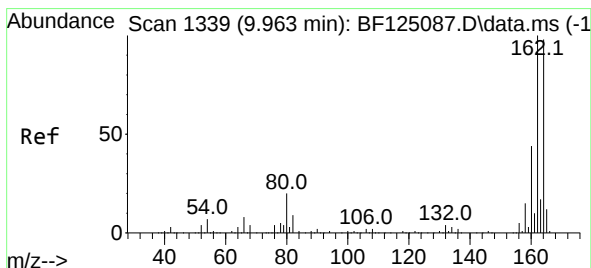
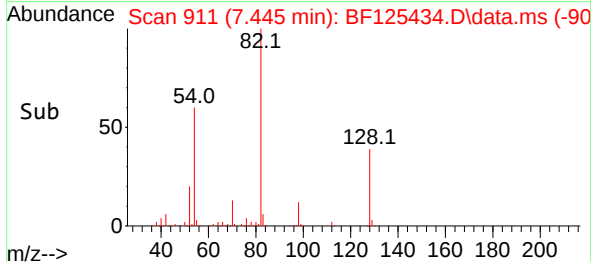
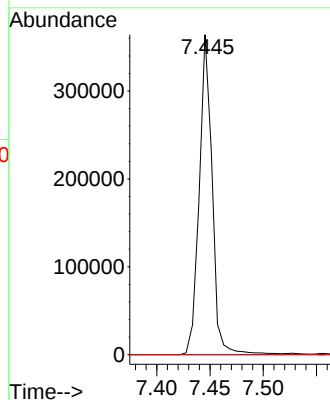
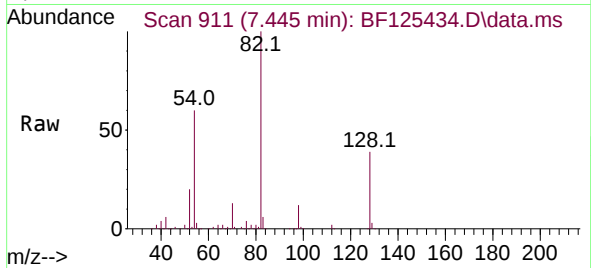




#25
Isophorone
Concen: 14.447 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

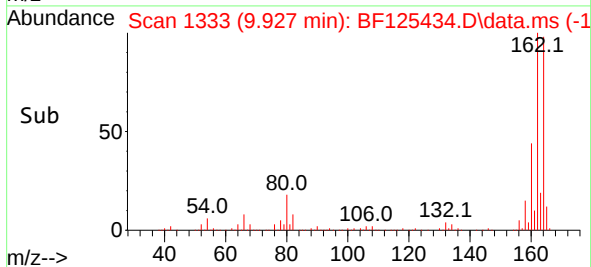
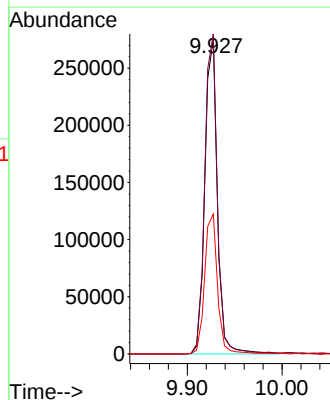
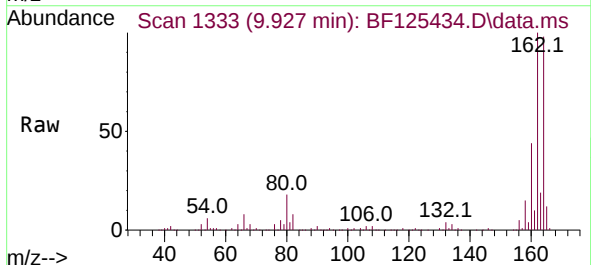
Instrument :
BNA_F
ClientSampleId :
A017145

Tgt Ion: 82 Resp: 308549
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: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion: 164 Resp: 251998
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.4 38.0 57.0

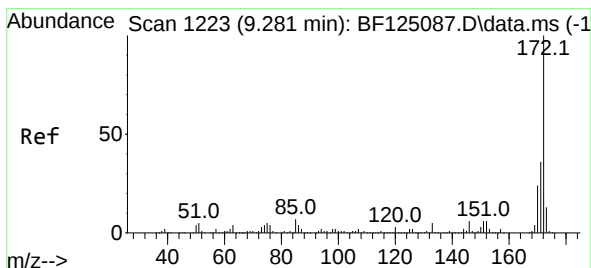
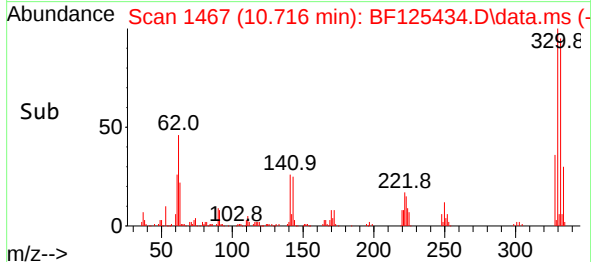
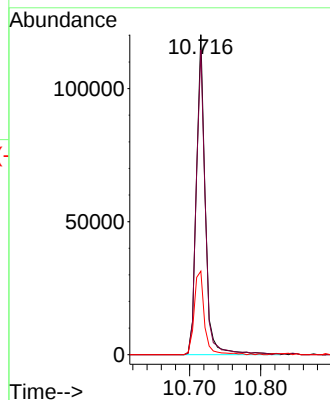
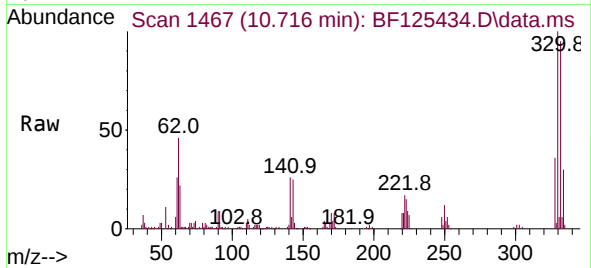




#42
2,4,6-Tribromophenol
Concen: 41.691 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

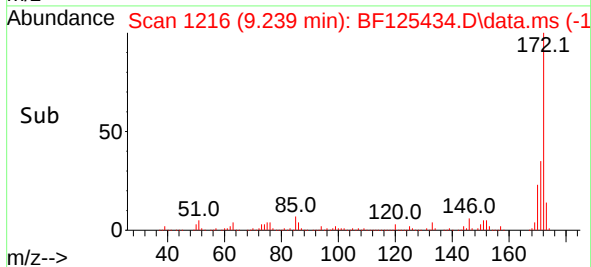
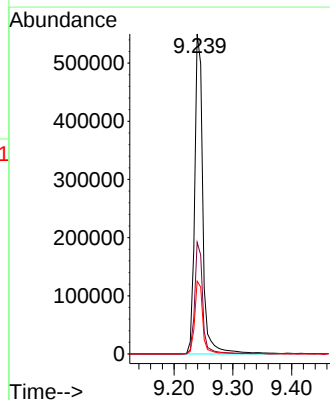
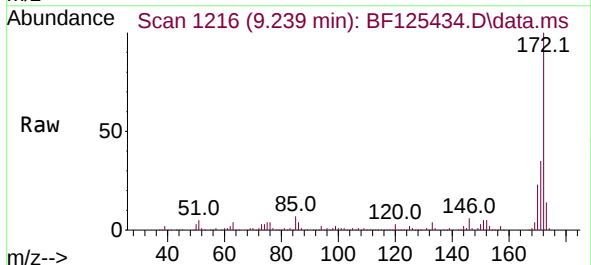
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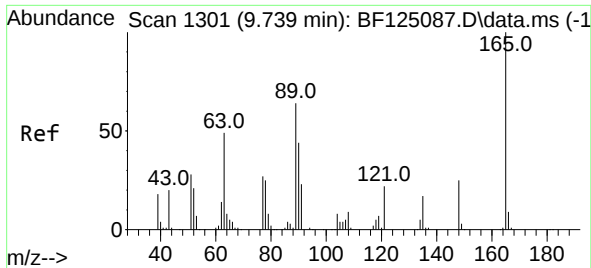
Tgt Ion:330 Resp: 104874
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 29.329 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion:172 Resp: 530285
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.7 18.8 28.2

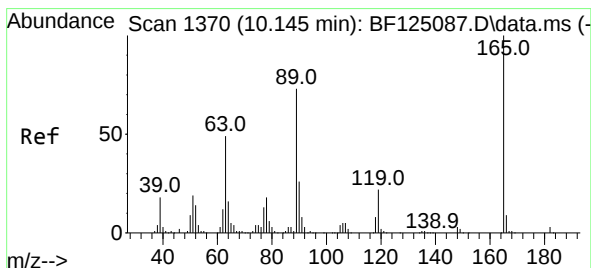
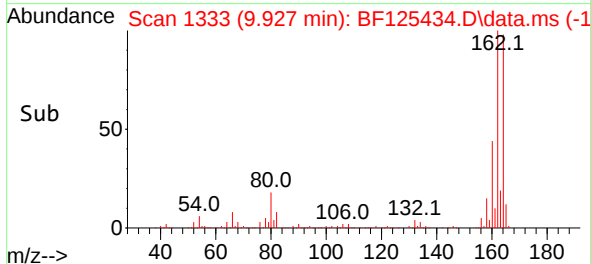
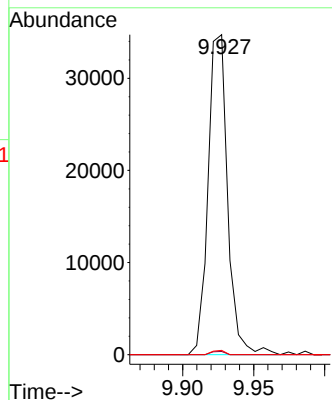
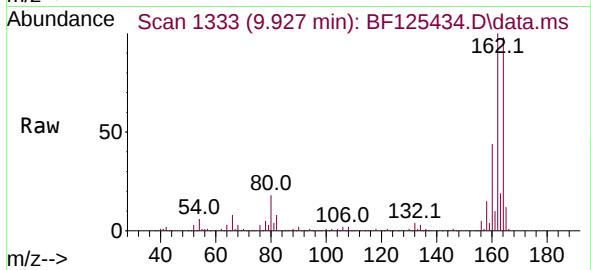




#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

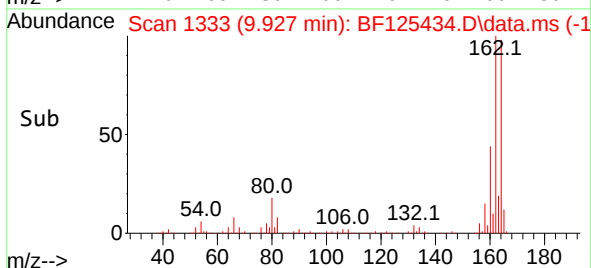
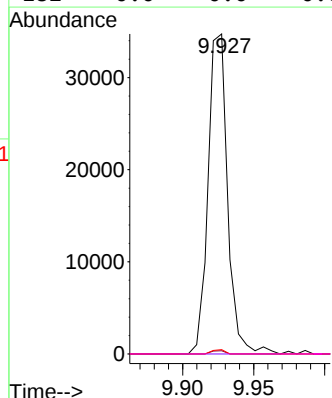
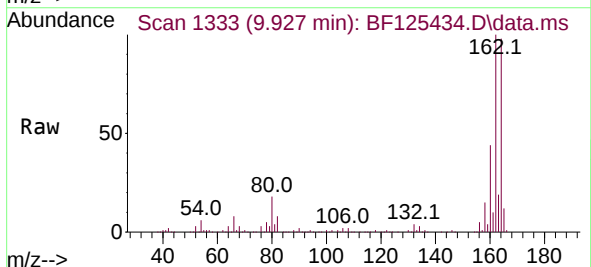
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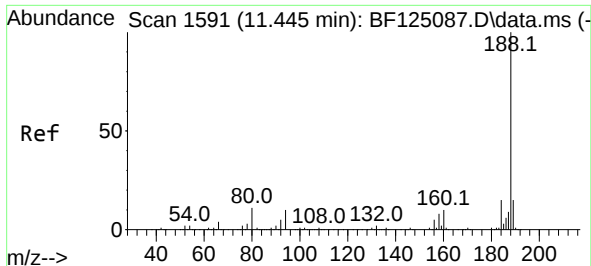
Tgt Ion:165 Resp: 33346
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.276 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion:165 Resp: 33346
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

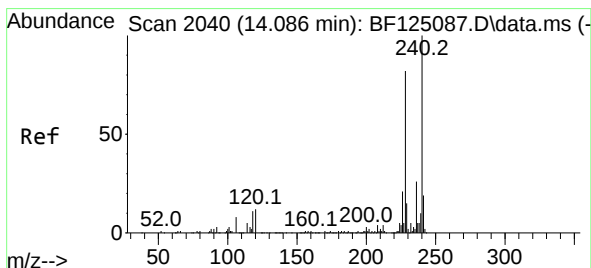
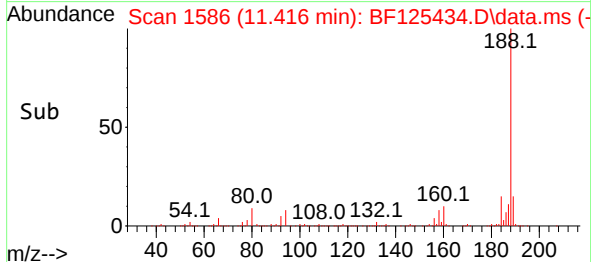
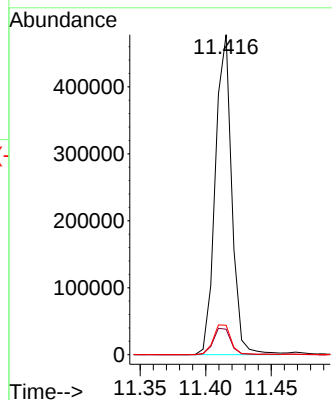
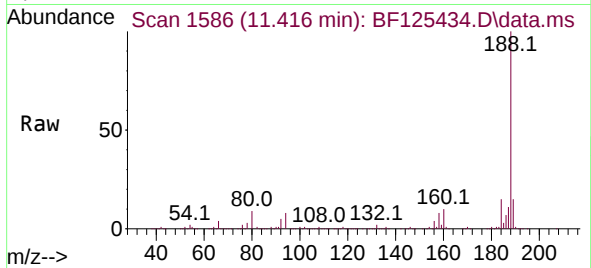




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

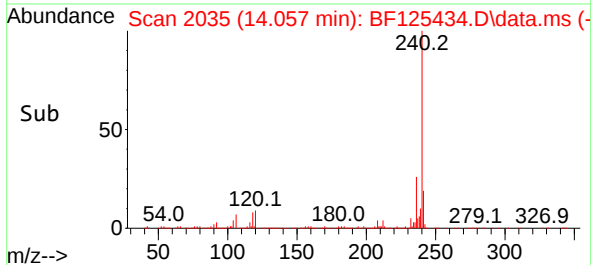
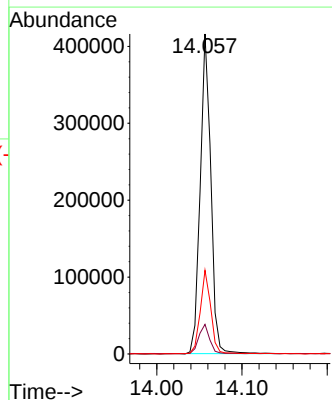
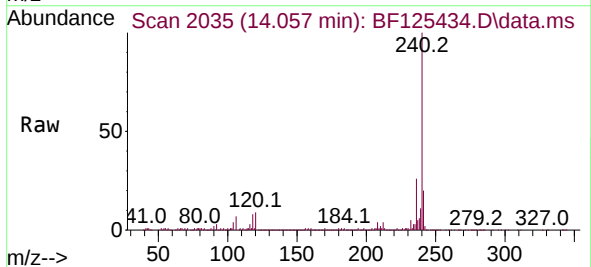
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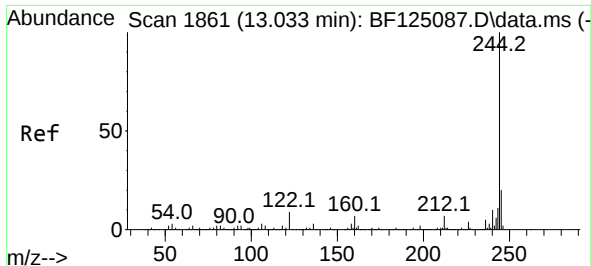
Tgt Ion:188 Resp: 416345
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion:240 Resp: 358578
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.1 21.6 32.4

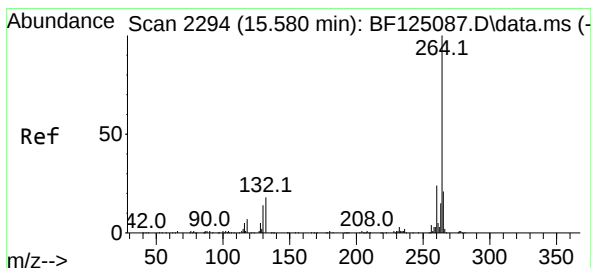
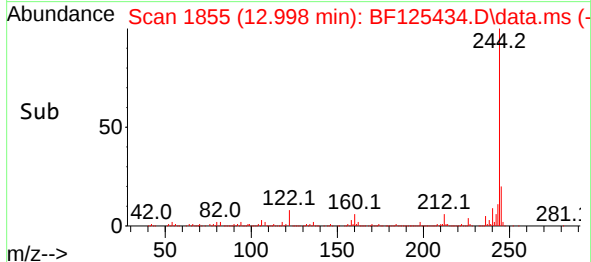
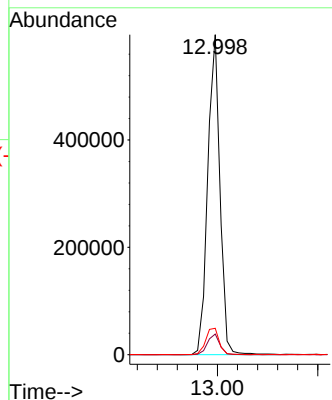
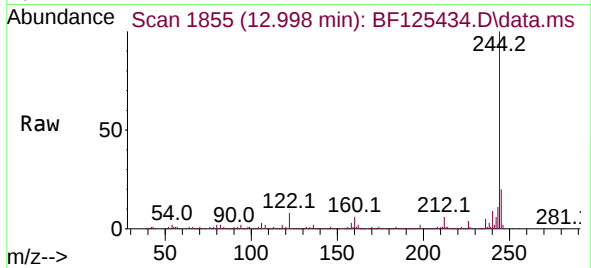




#79
Terphenyl-d14
Concen: 22.487 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Instrument :
BNA_F
ClientSampleId :
A017145

Tgt Ion:244 Resp: 506148
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.2 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125434.D
Acq: 10 Sep 2021 20:42

Tgt Ion:264 Resp: 274501
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.3 17.2 25.8

