

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125835.D
 Acq On : 13 Oct 2021 19:53
 Operator : JU/CG
 Sample : M4172-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-3-101121

Quant Time: Oct 14 09:04:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

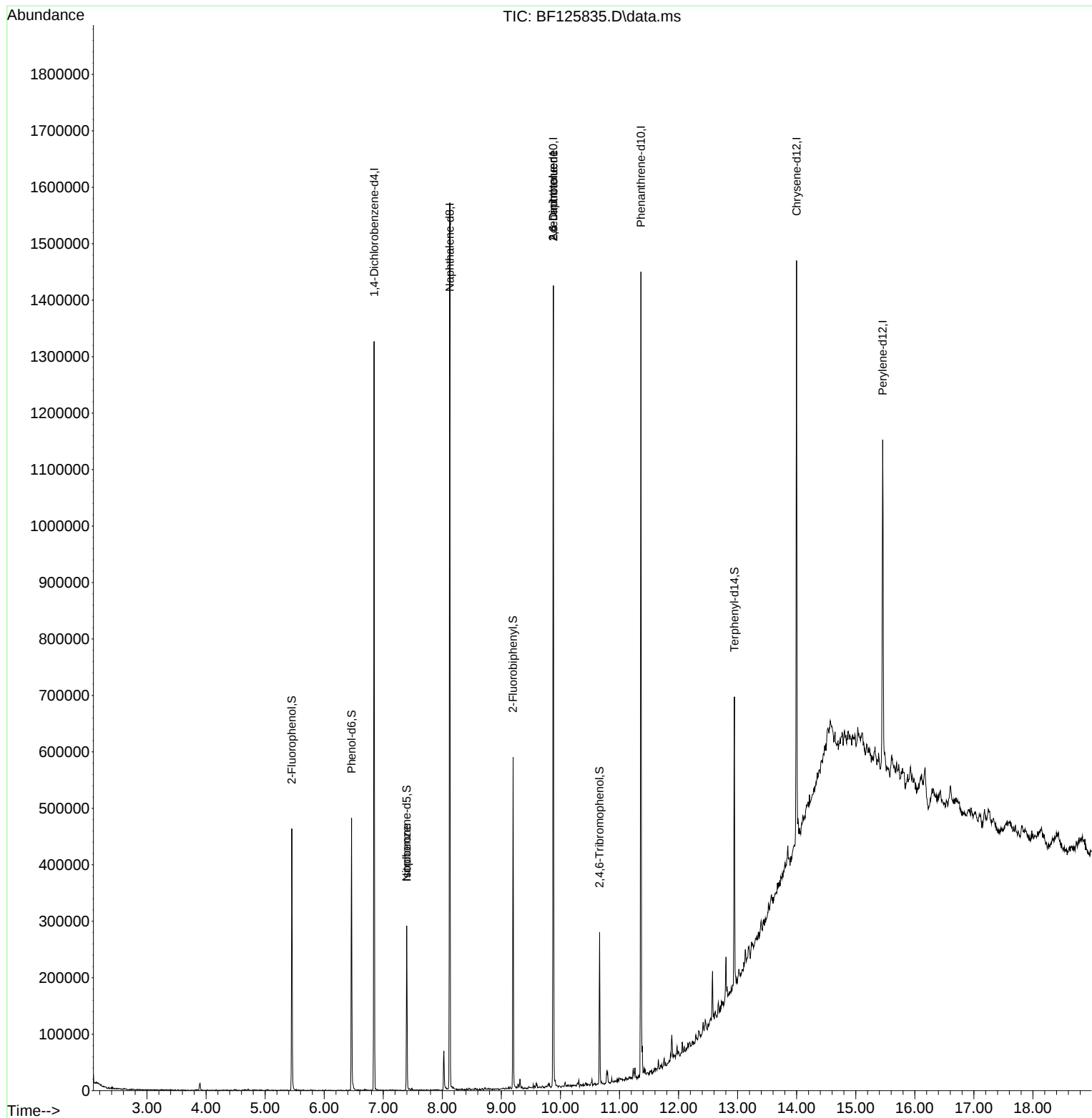
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	184164	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	661068	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	287840	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	482804	20.000	ng	0.00
76) Chrysene-d12	13.998	240	322415	20.000	ng	0.00
86) Perylene-d12	15.457	264	253229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	129796	11.514	ng	-0.01
7) Phenol-d6	6.463	99	152241	10.490	ng	-0.01
23) Nitrobenzene-d5	7.398	82	79130	7.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	28839	10.148	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	161344	9.668	ng	0.00
79) Terphenyl-d14	12.945	244	164516	7.773	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.398	82	78999	4.193	ng	# 59
51) 2,6-Dinitrotoluene	9.881	165	36674	9.575	ng	# 27
57) 2,4-Dinitrotoluene	9.881	165	36674	7.573	ng	# 19

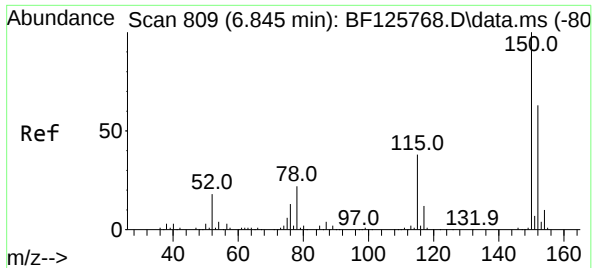
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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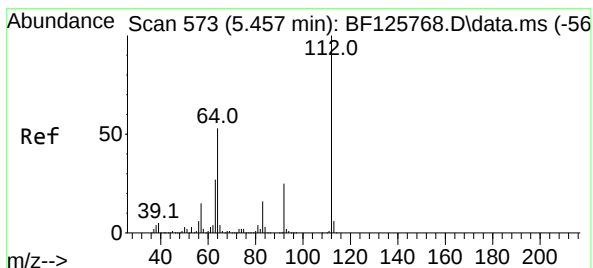
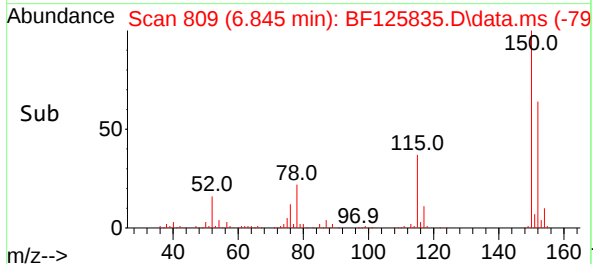
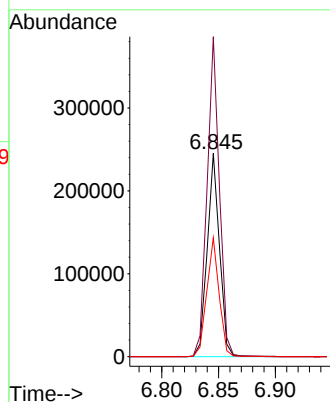
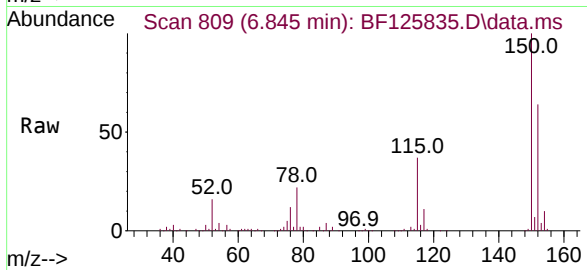




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

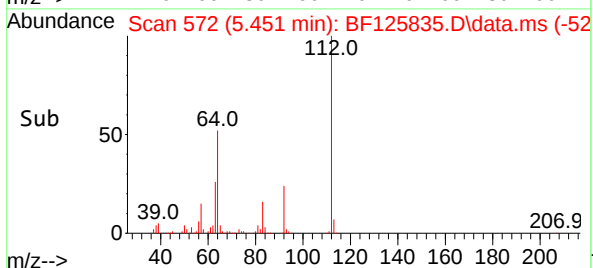
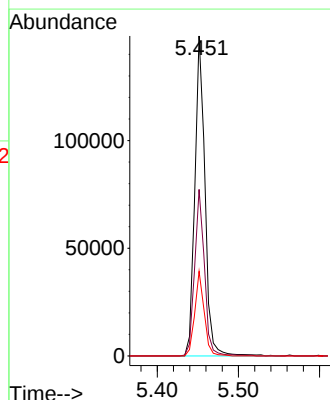
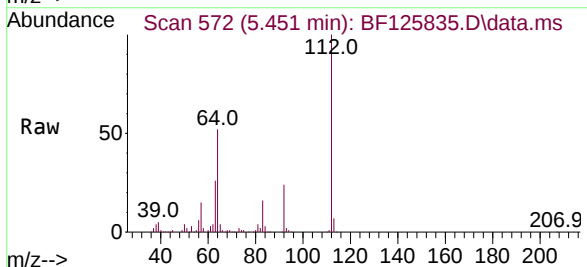
Instrument :
BNA_F
ClientSampleId :
OK-3-101121

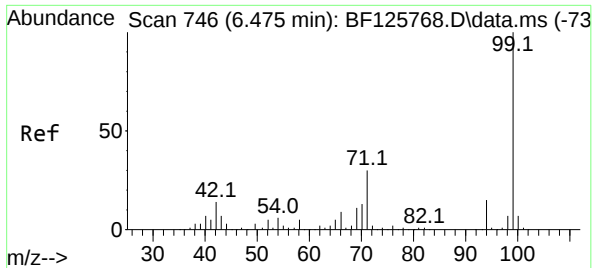
Tgt Ion:152 Resp: 184164
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 11.514 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Tgt Ion:112 Resp: 129796
Ion Ratio Lower Upper
112 100
64 52.1 44.2 66.2
63 26.5 26.2 39.2

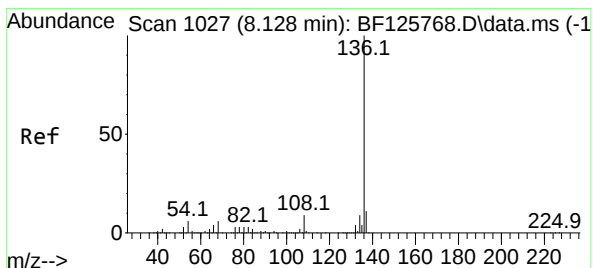
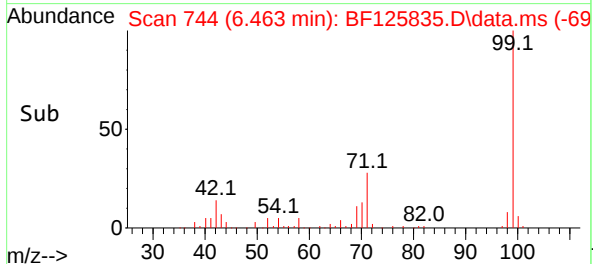
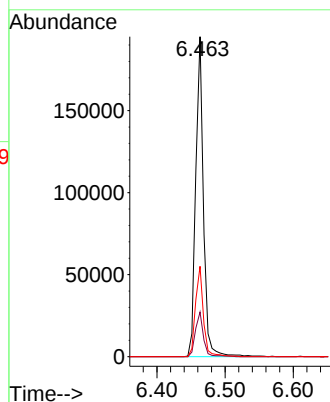
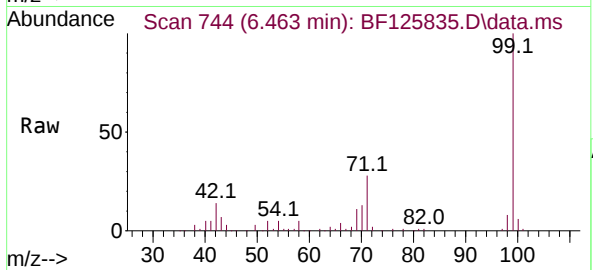




#7
Phenol-d6
Concen: 10.490 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

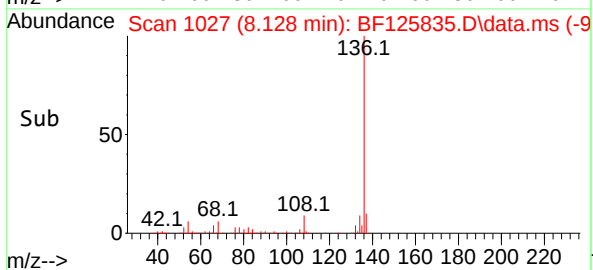
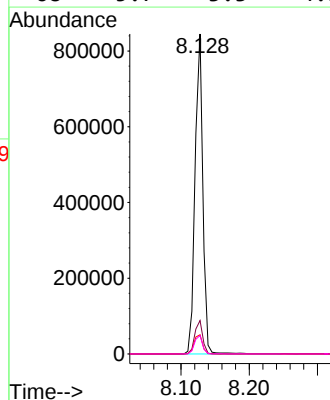
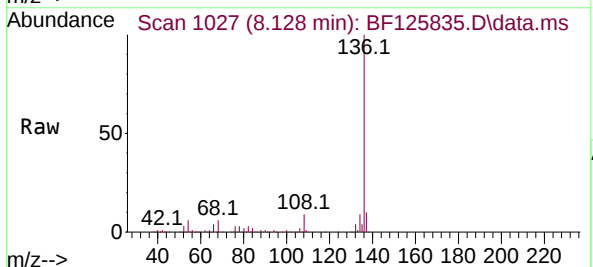
Instrument :
BNA_F
ClientSampleId :
OK-3-101121

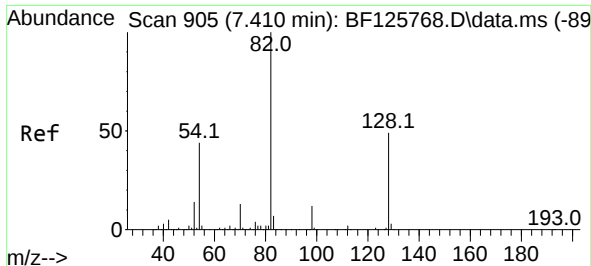
Tgt Ion: 99 Resp: 152241
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 28.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Tgt Ion: 136 Resp: 661068
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.0 6.4 9.6#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 7.441 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125835.D

Acq: 13 Oct 2021 19:53

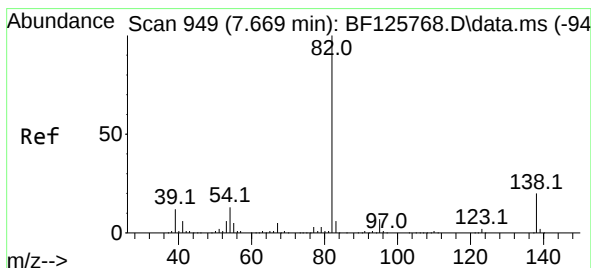
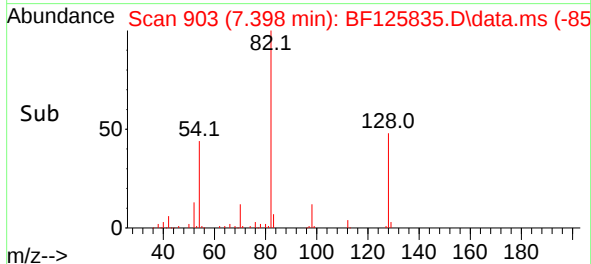
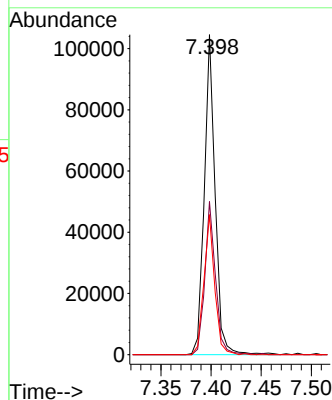
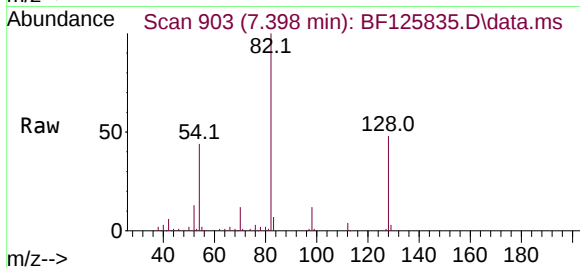
Instrument :

BNA_F

ClientSampleId :

OK-3-101121

Tgt Ion:	82	Resp:	79130
Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.6	60.8
54	43.8	49.6	74.4#



#25

Isophorone

Concen: 4.193 ng

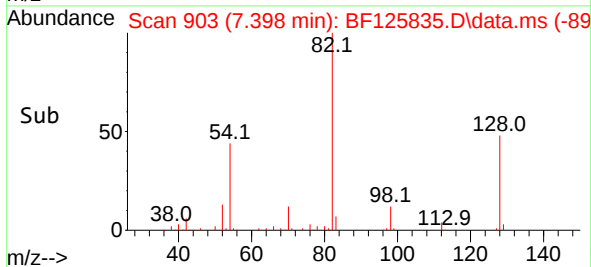
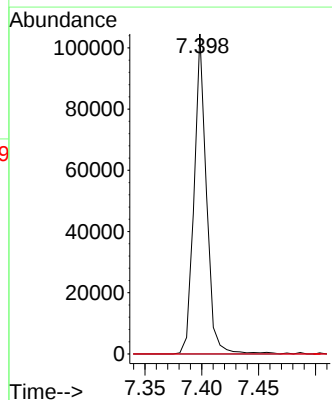
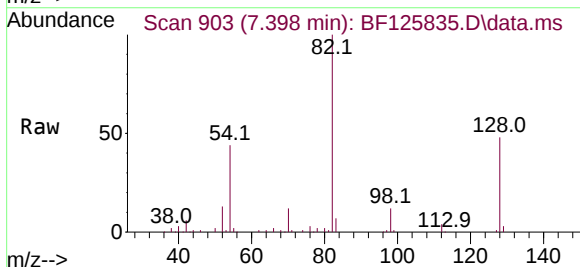
RT: 7.398 min Scan# 903

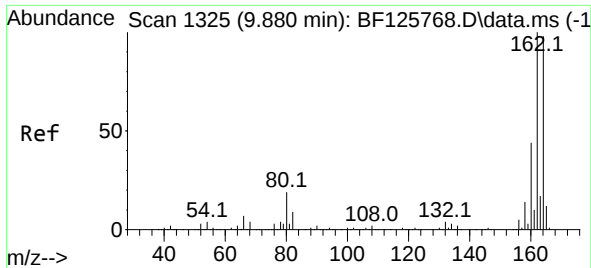
Delta R.T. -0.271 min

Lab File: BF125835.D

Acq: 13 Oct 2021 19:53

Tgt Ion:	82	Resp:	78999
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

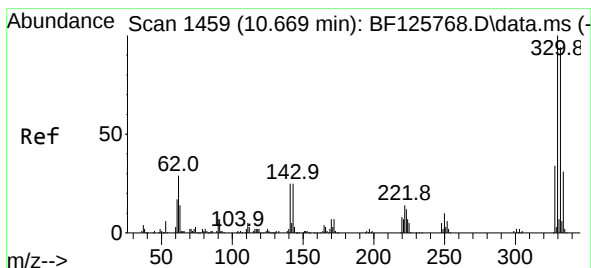
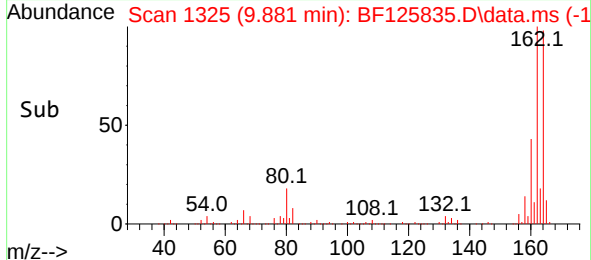
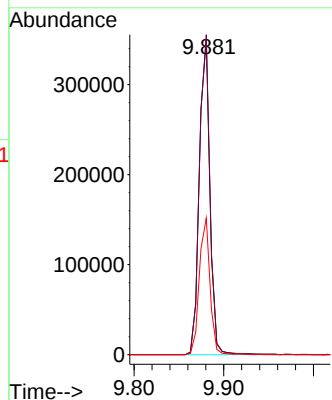
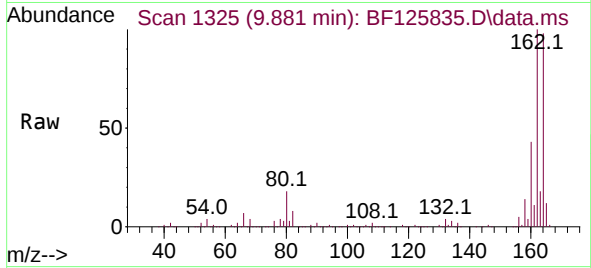




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

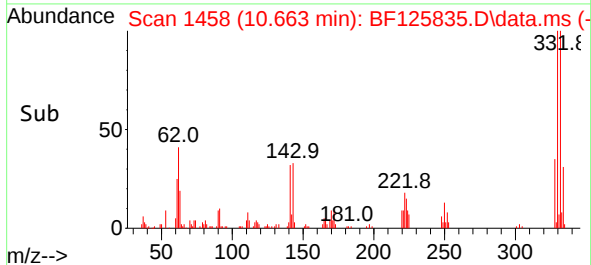
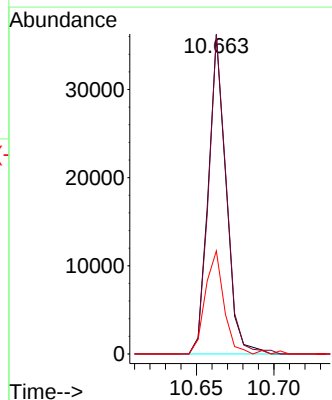
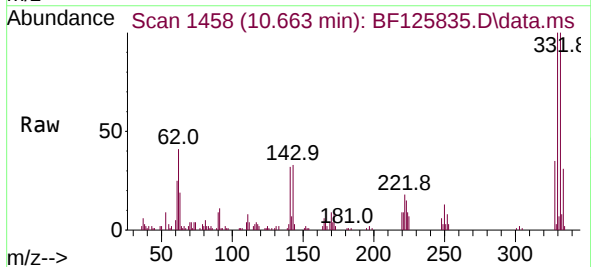
Instrument :
BNA_F
ClientSampleId :
OK-3-101121

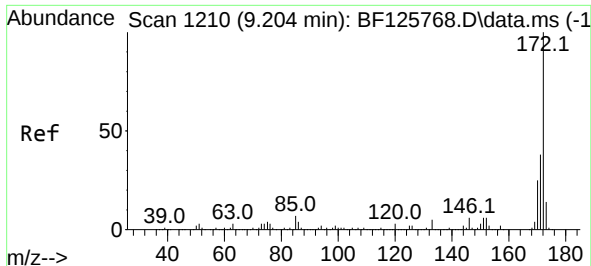
Tgt Ion:164 Resp: 287840
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 43.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 10.148 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Tgt Ion:330 Resp: 28839
Ion Ratio Lower Upper
330 100
332 100.1 76.2 114.4
141 33.6 44.6 66.8#

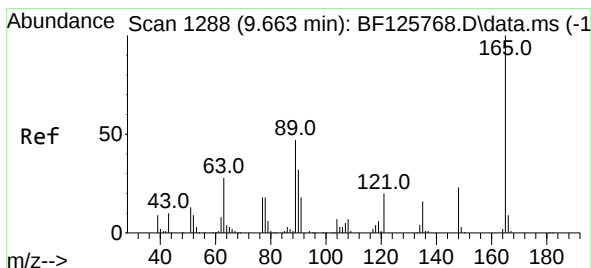
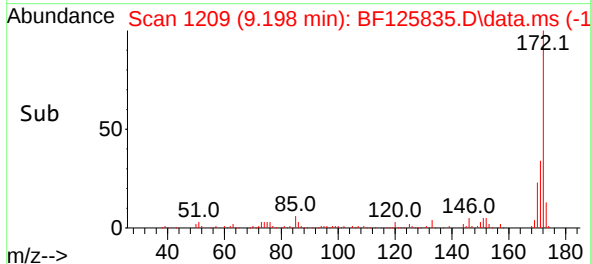
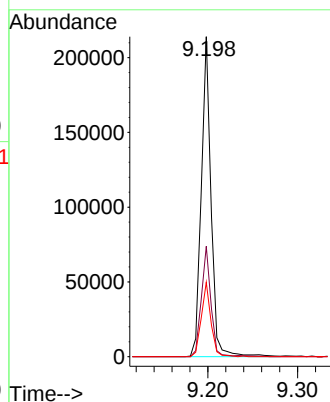
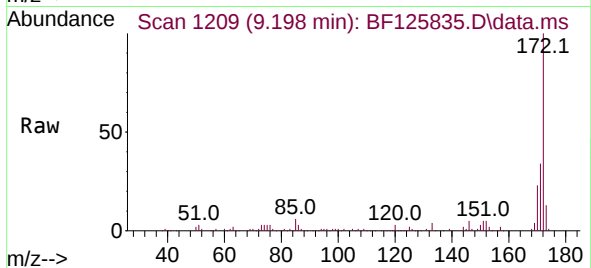




#45
2-Fluorobiphenyl
Concen: 9.668 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

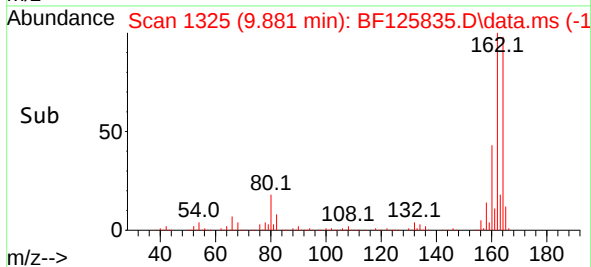
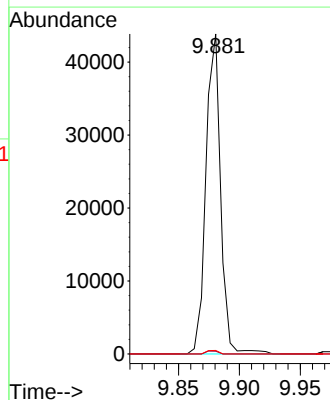
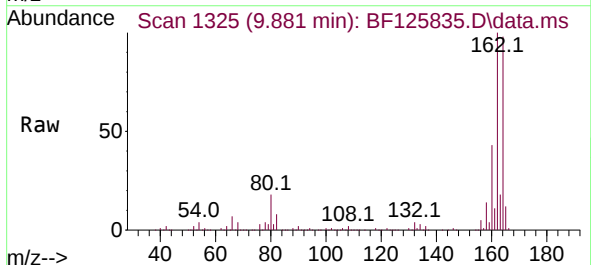
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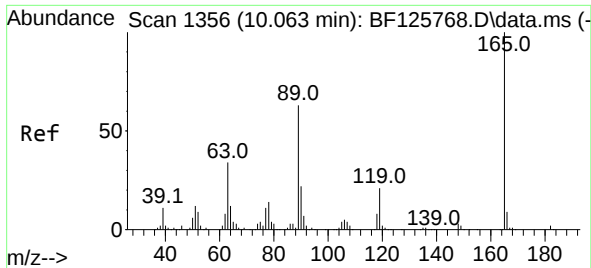
Tgt Ion:172 Resp: 161344
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.575 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.218 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

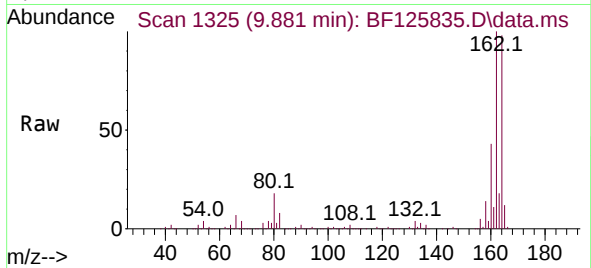
Tgt Ion:165 Resp: 36674
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.1 40.6 60.8#



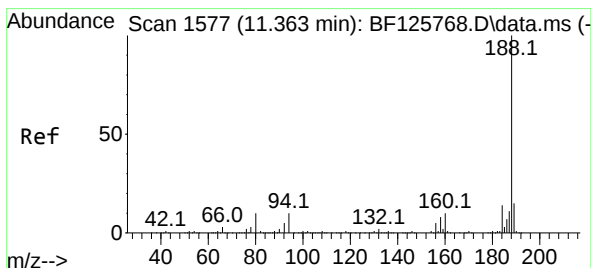
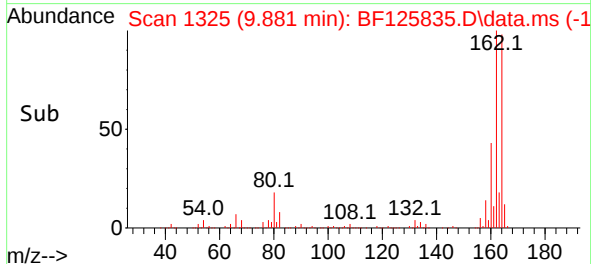
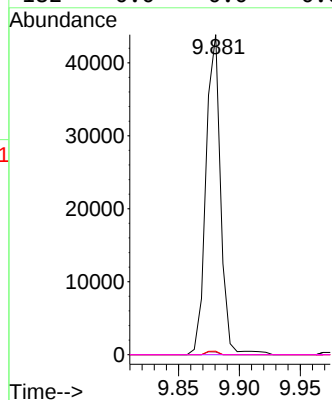


#57
2,4-Dinitrotoluene
Concen: 7.573 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.182 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Instrument :
BNA_F
ClientSampleId :
OK-3-101121

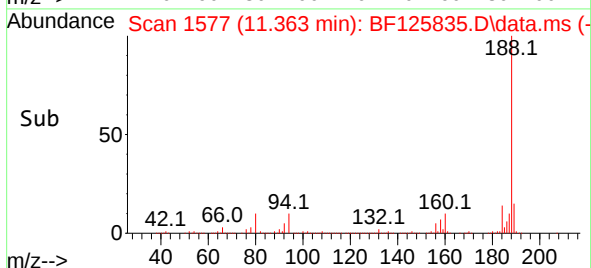
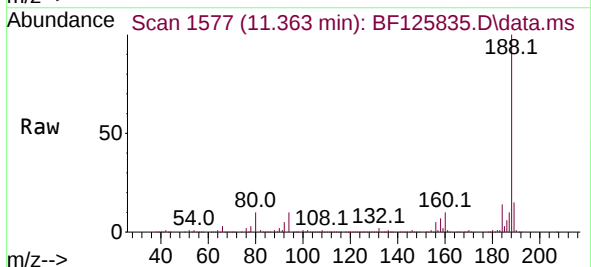
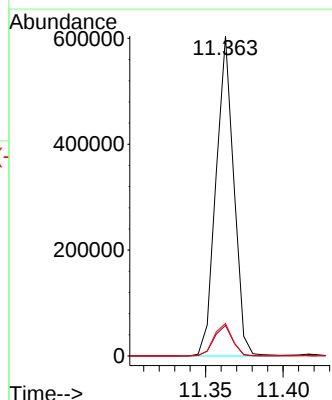


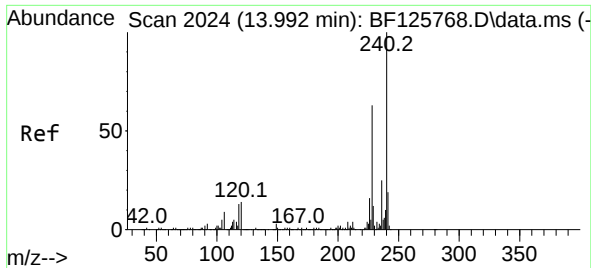
Tgt Ion:165	Resp:	36674
Ion	Ratio	Lower Upper
165	100	
63	0.9	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Tgt Ion:188	Resp:	482804
Ion	Ratio	Lower Upper
188	100	
94	9.6	6.7 10.1
80	10.1	7.5 11.3

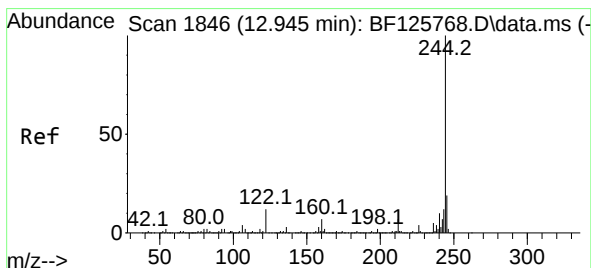
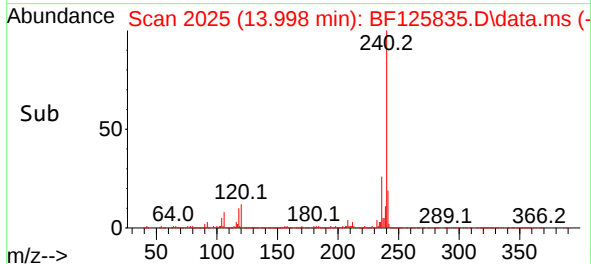
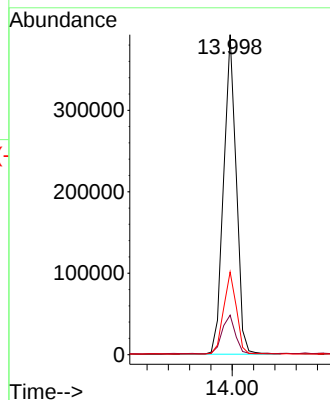
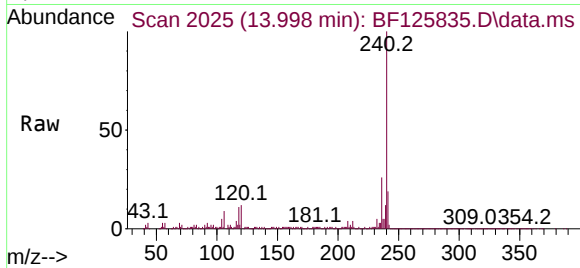




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

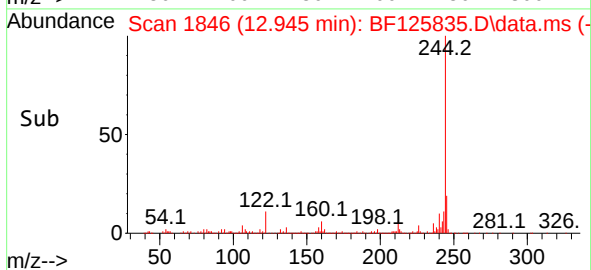
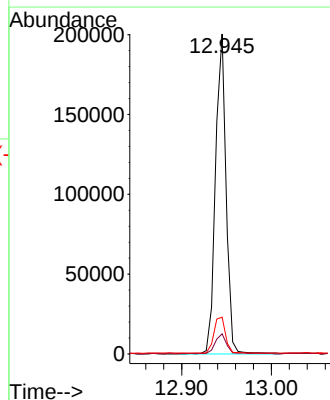
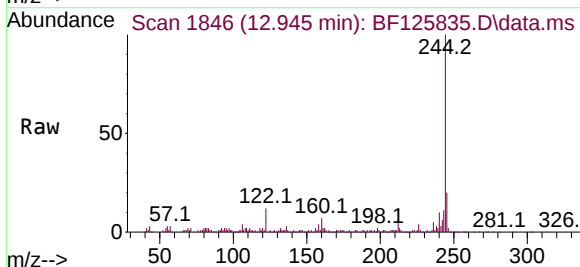
Instrument :
BNA_F
ClientSampleId :
OK-3-101121

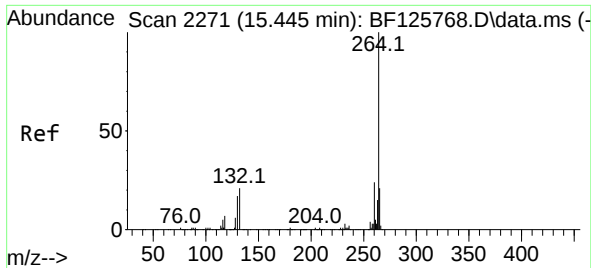
Tgt Ion:240	Resp: 322415
Ion Ratio	Lower Upper
240 100	
120 12.3	10.8 16.2
236 25.9	21.6 32.4



#79
Terphenyl-d14
Concen: 7.773 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Tgt Ion:244	Resp: 164516
Ion Ratio	Lower Upper
244 100	
212 6.3	5.9 8.9
122 11.5	9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF125835.D
Acq: 13 Oct 2021 19:53

Instrument :
BNA_F
ClientSampleId :
OK-3-101121

Tgt Ion:264	Resp:	253229
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.6 29.4
265	22.0	17.2 25.8

