

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125815.D
 Acq On : 12 Oct 2021 22:14
 Operator : JU/CG
 Sample : M4163-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-100821

Quant Time: Oct 13 09:48:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

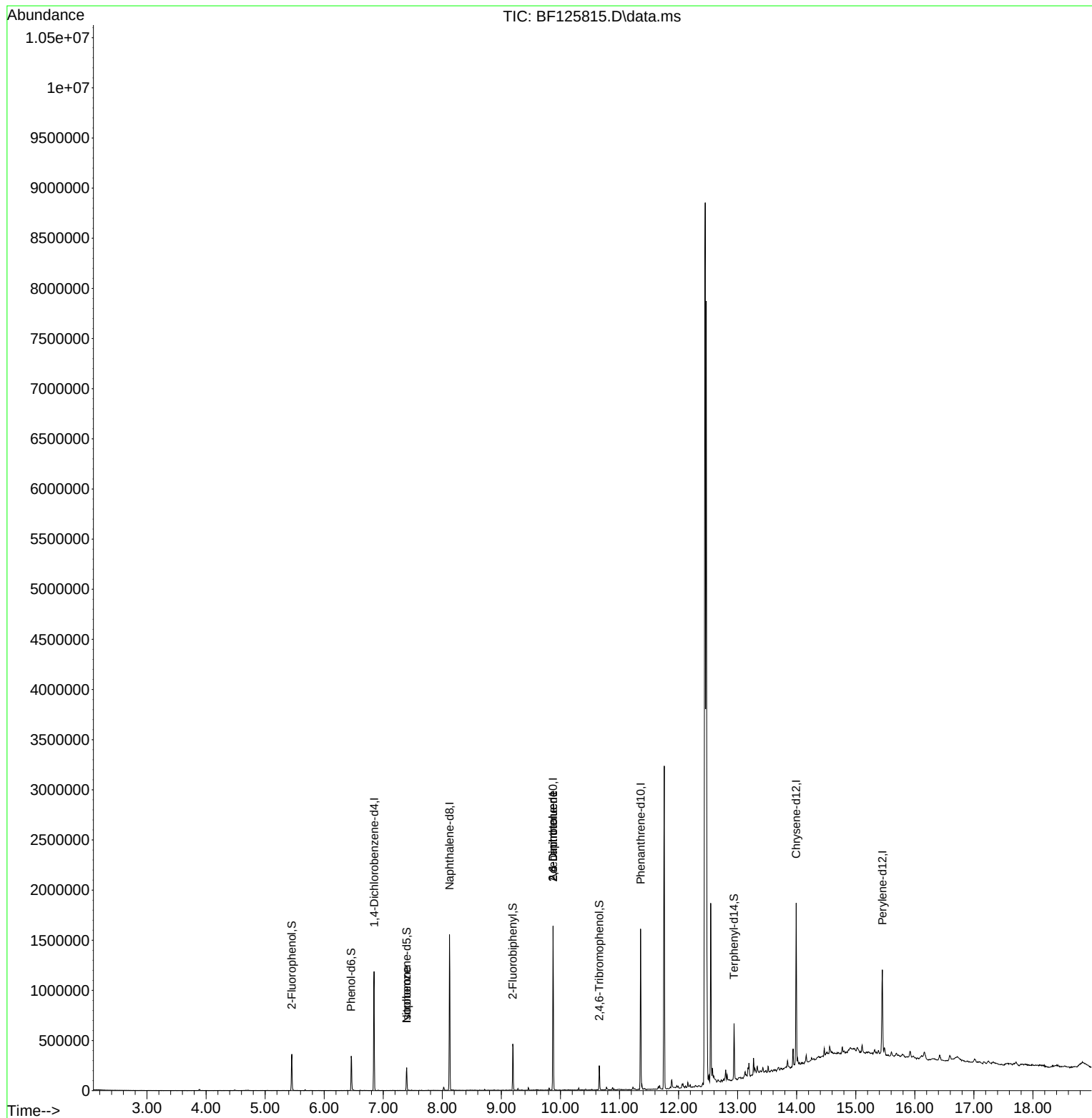
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	177985	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	657990	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	303322	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	518937	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	476036	20.000	ng	0.00
86) Perylene-d12	15.451	264	370715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	107317	9.850	ng	0.00
7) Phenol-d6	6.457	99	122303	8.720	ng	-0.02
23) Nitrobenzene-d5	7.398	82	66261	6.260	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	26195	8.747	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	142674	8.113	ng	-0.01
79) Terphenyl-d14	12.939	244	164270	5.256	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.398	82	66260	3.533	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	39896	9.885	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	39896	7.818	ng	# 19

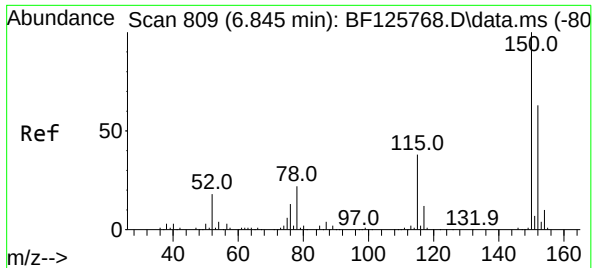
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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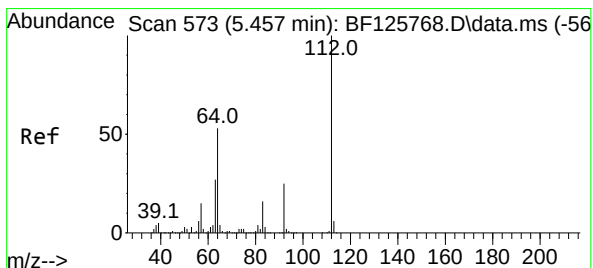
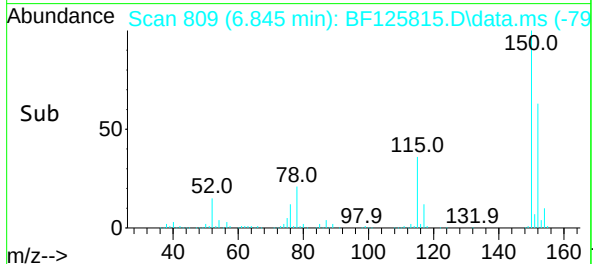
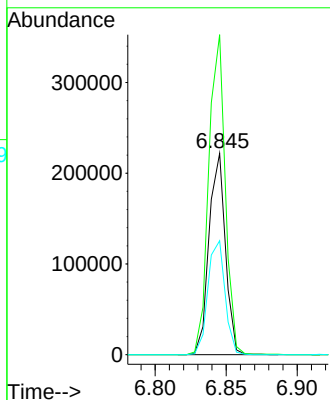
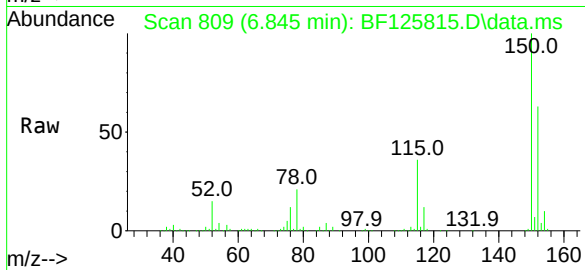




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

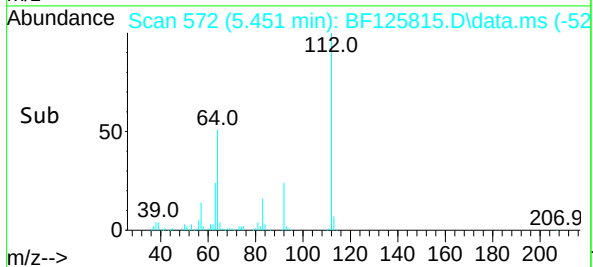
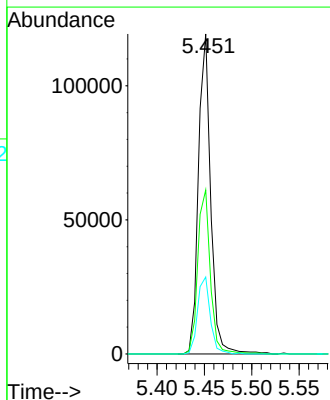
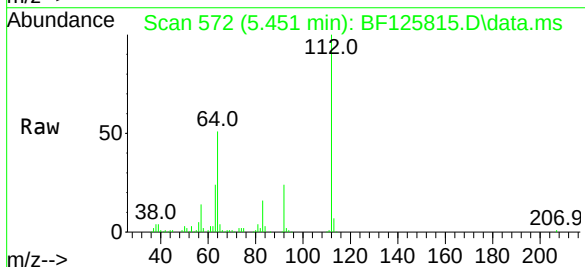
Instrument :
BNA_F
ClientSampleId :
TR-04-100821

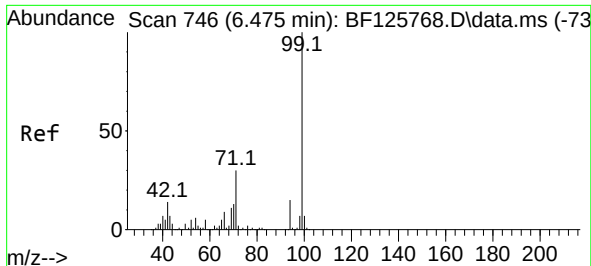
Tgt Ion:152 Resp: 177985
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 56.6 47.1 70.7



#5
2-Fluorophenol
Concen: 9.850 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Tgt Ion:112 Resp: 107317
Ion Ratio Lower Upper
112 100
64 51.3 44.2 66.2
63 24.0 26.2 39.2#

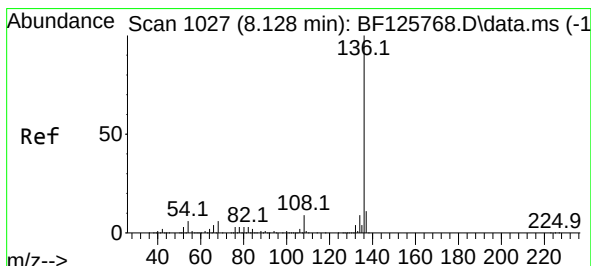
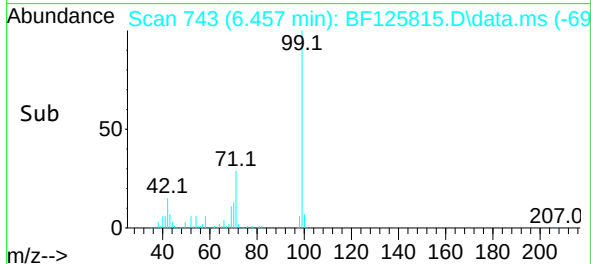
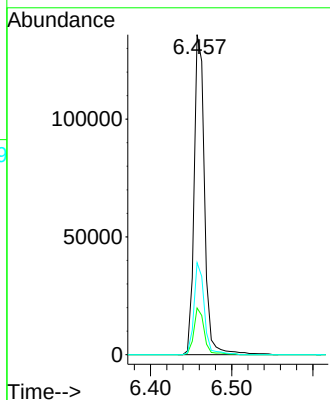
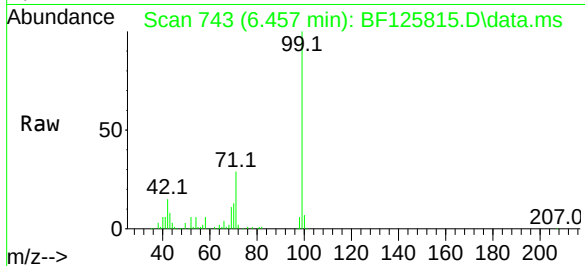




#7
Phenol-d6
Concen: 8.720 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

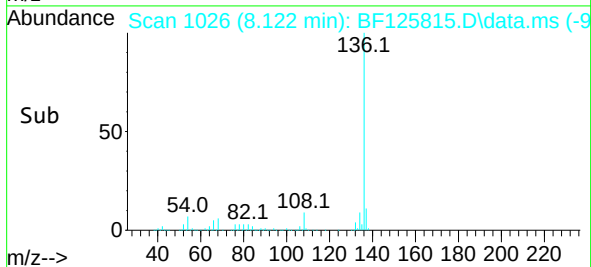
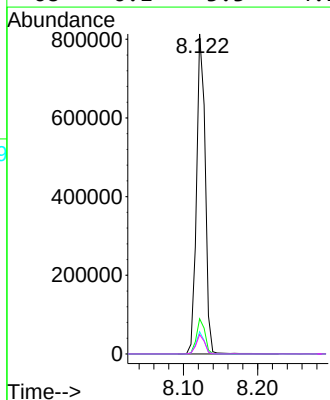
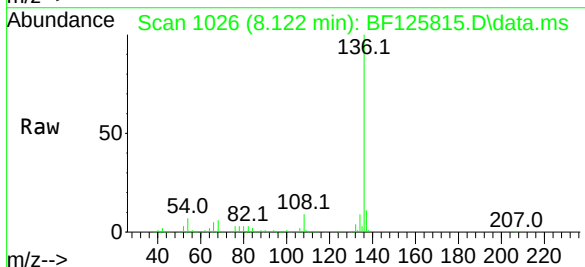
Instrument :
BNA_F
ClientSampleId :
TR-04-100821

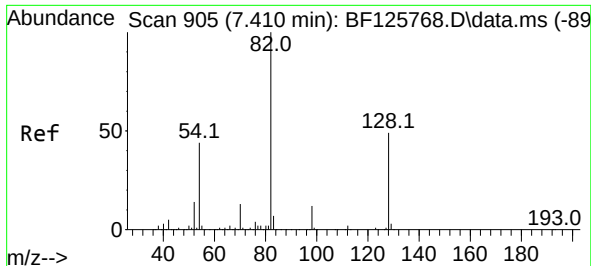
Tgt Ion: 99 Resp: 122303
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 28.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Tgt Ion:136 Resp: 657990
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.9 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 6.260 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125815.D

Acq: 12 Oct 2021 22:14

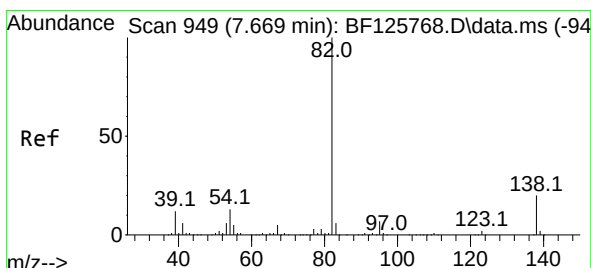
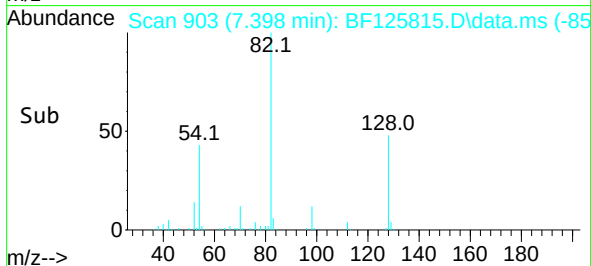
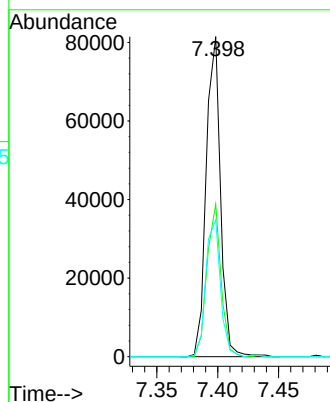
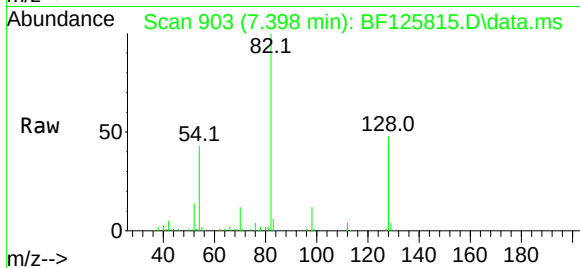
Instrument :

BNA_F

ClientSampleId :

TR-04-100821

Tgt Ion:	82	Resp:	66261
Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.6	60.8
54	42.8	49.6	74.4#



#25

Isophorone

Concen: 3.533 ng

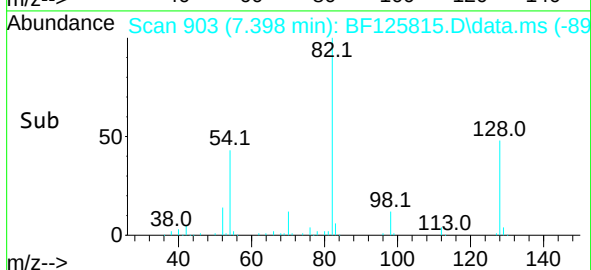
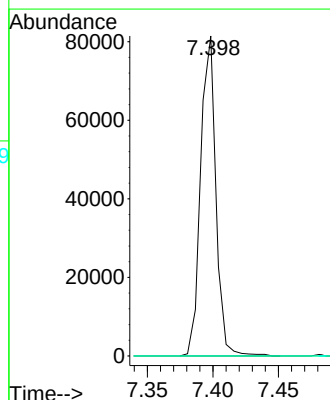
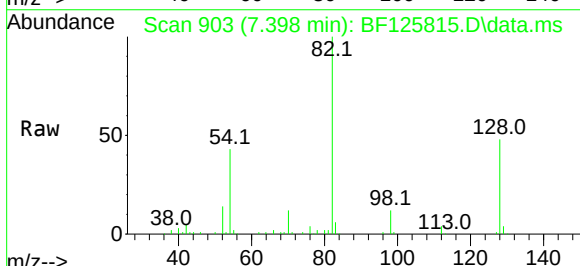
RT: 7.398 min Scan# 903

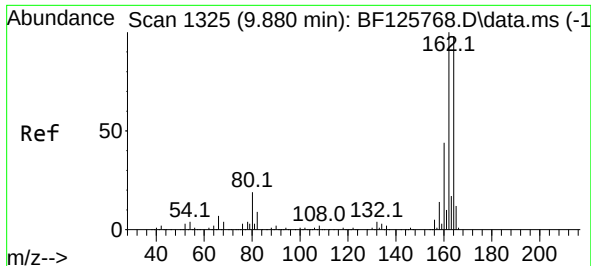
Delta R.T. -0.270 min

Lab File: BF125815.D

Acq: 12 Oct 2021 22:14

Tgt Ion:	82	Resp:	66260
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

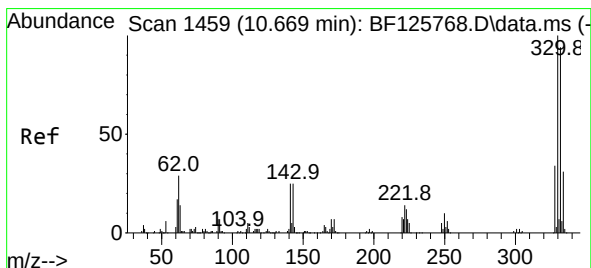
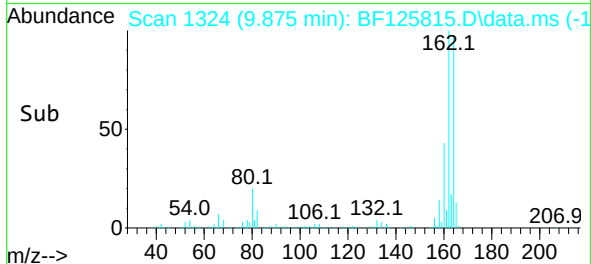
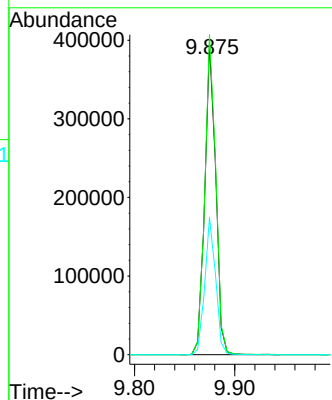
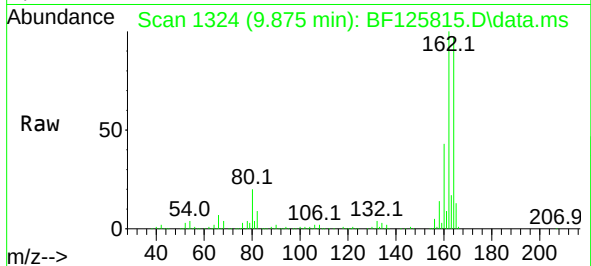




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

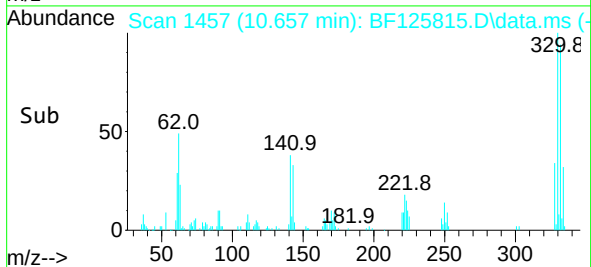
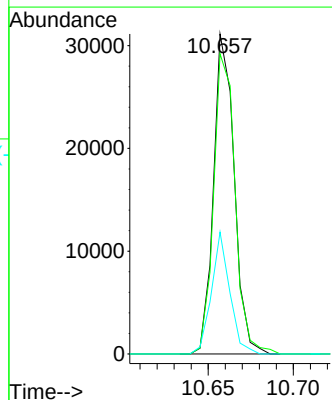
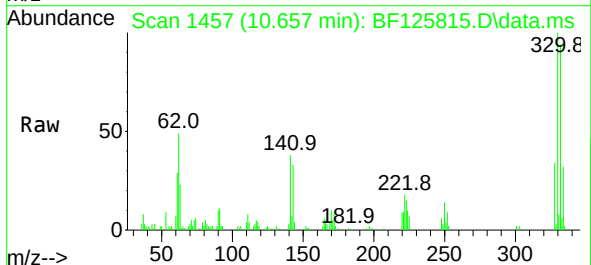
Instrument :
BNA_F
ClientSampleId :
TR-04-100821

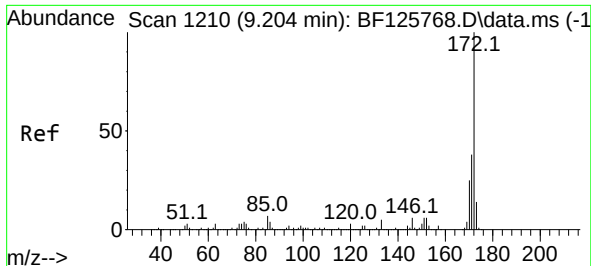
Tgt Ion:164 Resp: 303322
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 8.747 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Tgt Ion:330 Resp: 26195
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 33.7 44.6 66.8#

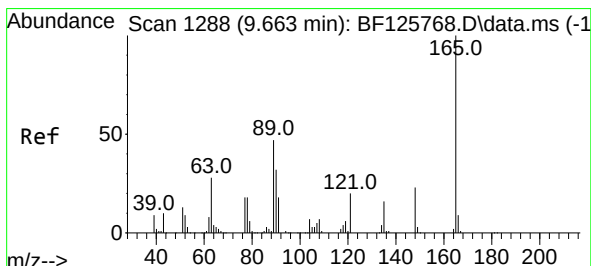
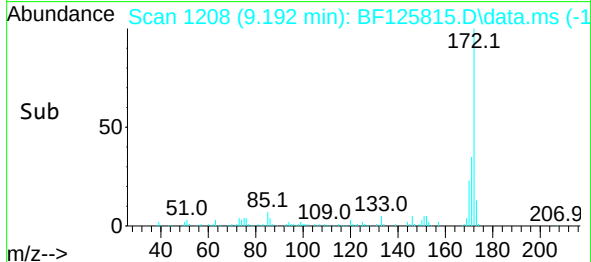
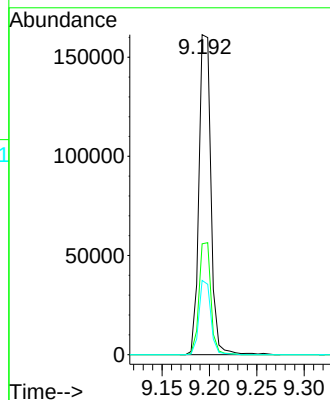
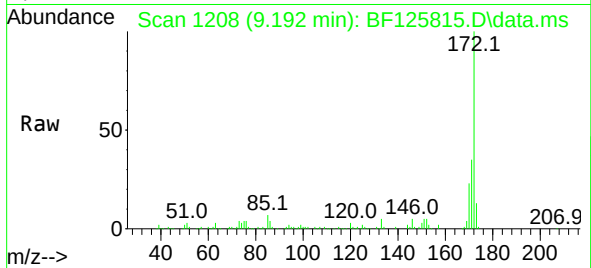




#45
2-Fluorobiphenyl
Concen: 8.113 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

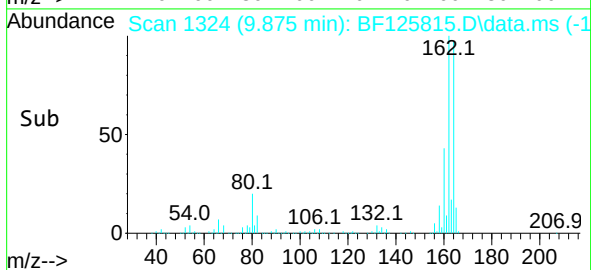
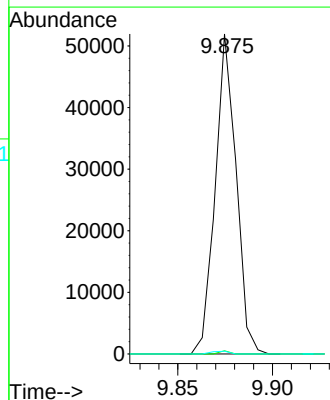
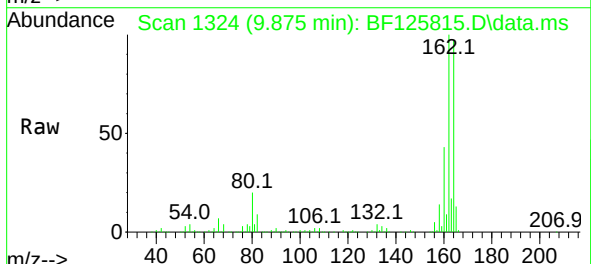
Instrument :
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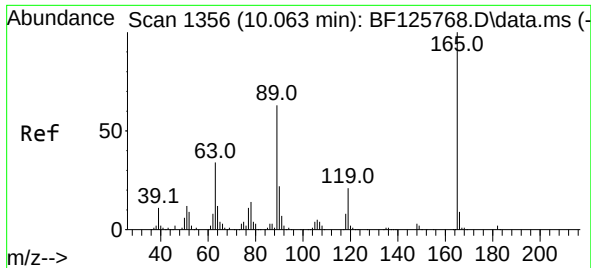
Tgt Ion:172 Resp: 142674
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.885 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

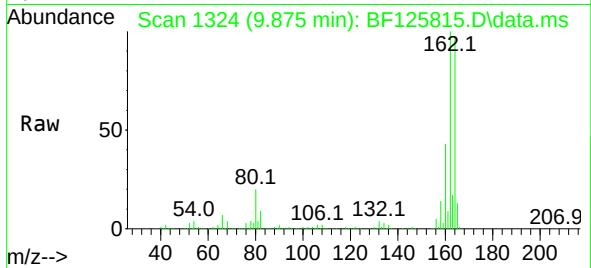
Tgt Ion:165 Resp: 39896
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#



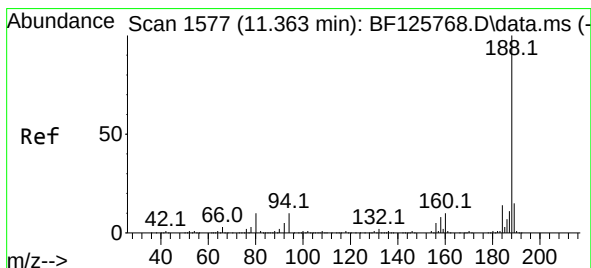
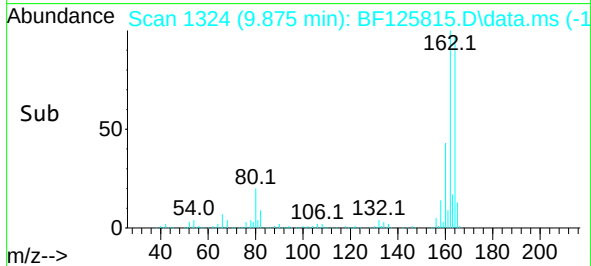
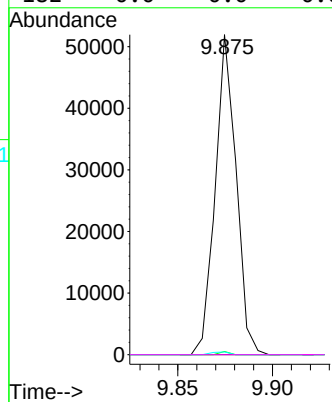


#57
2,4-Dinitrotoluene
Concen: 7.818 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Instrument :
BNA_F
ClientSampleId :
TR-04-100821

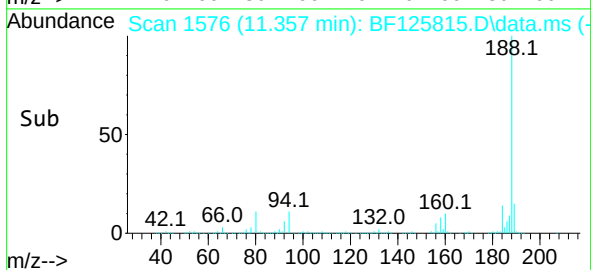
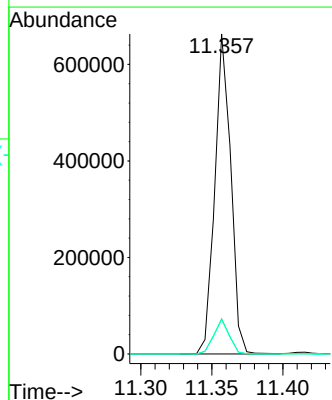
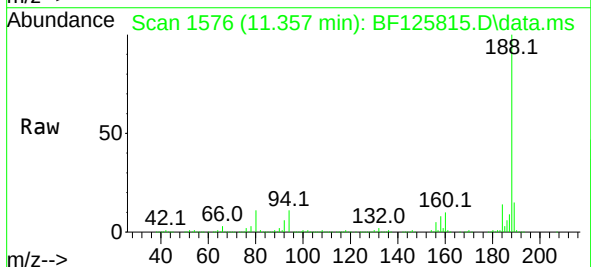


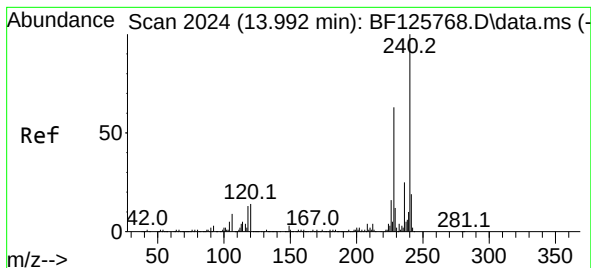
Tgt Ion:165 Resp: 39896
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Tgt Ion:188 Resp: 518937
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 10.8 7.5 11.3

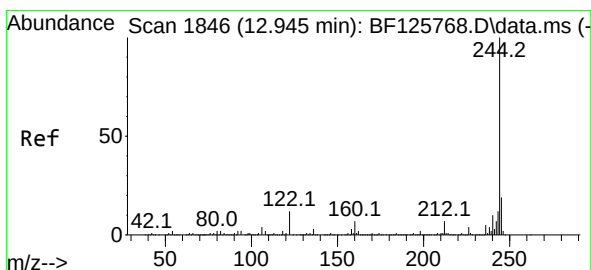
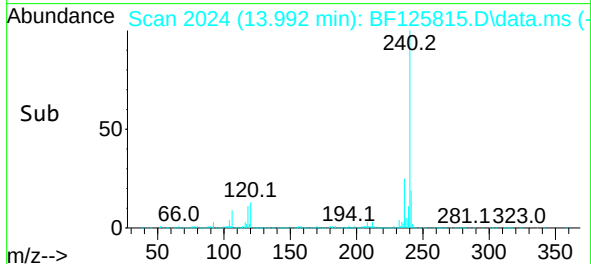
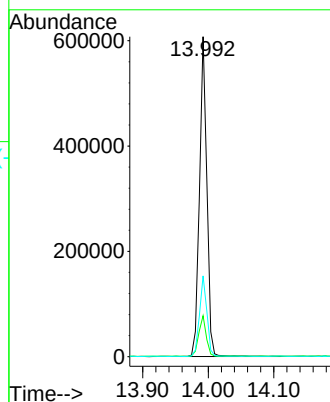
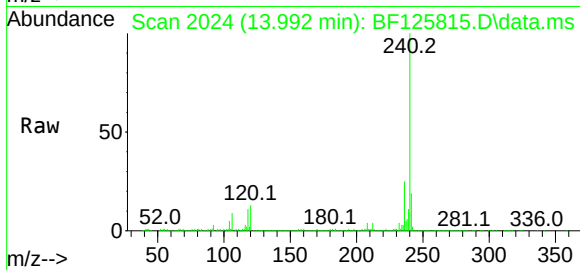




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

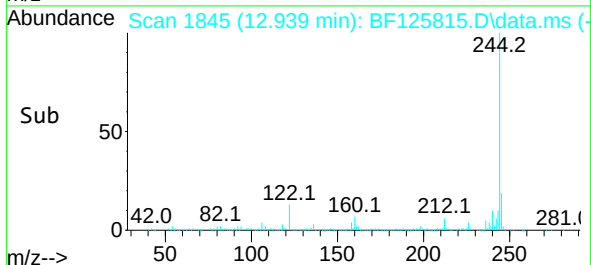
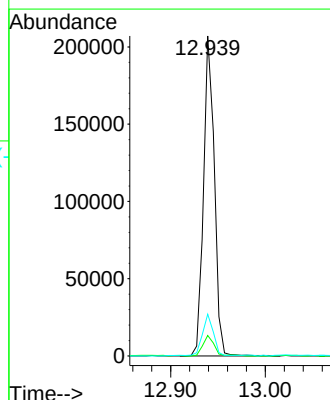
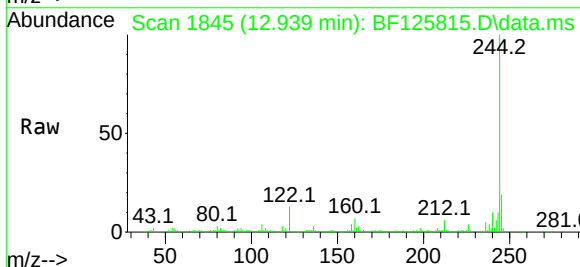
Instrument :
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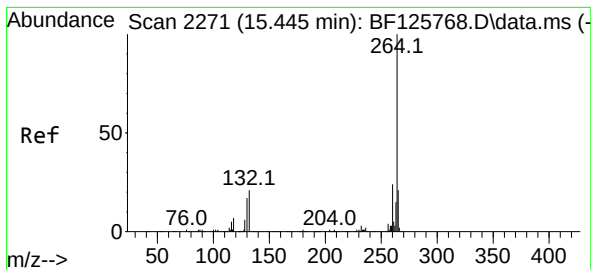
Tgt Ion:240 Resp: 476036
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 5.256 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

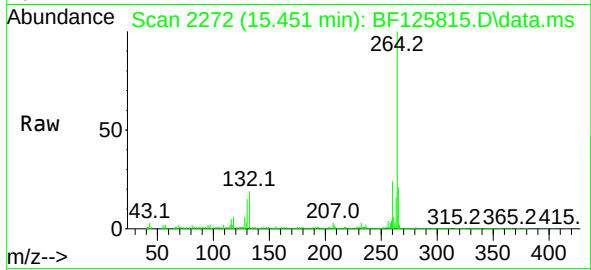
Tgt Ion:244 Resp: 164270
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 13.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF125815.D
Acq: 12 Oct 2021 22:14

Instrument :
BNA_F
ClientSampleId :
TR-04-100821



Tgt Ion:	264	Resp:	370715
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	21.4	17.2	25.8

