

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122812.D
 Acq On : 22 Dec 2020 13:31
 Operator : JU/CG
 Sample : L5155-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-12-18-20

Quant Time: Dec 22 14:12:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

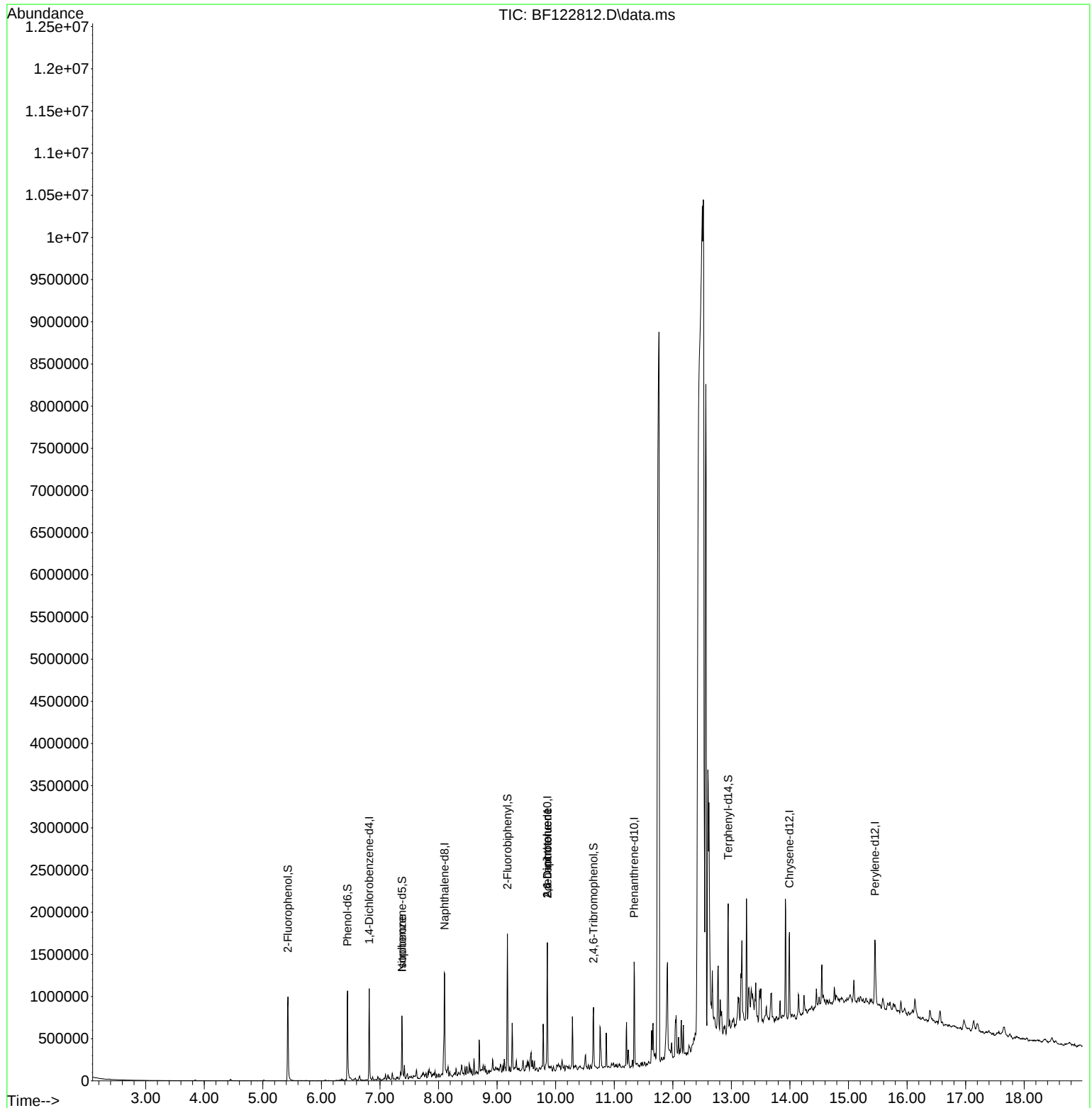
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	156713	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	586760	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	293031	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	467740	20.00	ng	0.00
76) Chrysene-d12	13.992	240	394024	20.00	ng	0.00
86) Perylene-d12	15.451	264	365752	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	320858	32.41	ng	0.00
7) Phenol-d6	6.446	99	413509	31.50	ng	-0.01
23) Nitrobenzene-d5	7.375	82	234361	20.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	105076	27.39	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	463527	21.40	ng	-0.01
79) Terphenyl-d14	12.945	244	433506	19.26	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.375	82	234361	11.62	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	39266	7.94	ng	# 32
57) 2,4-Dinitrotoluene	9.857	165	39266	5.96	ng	# 26

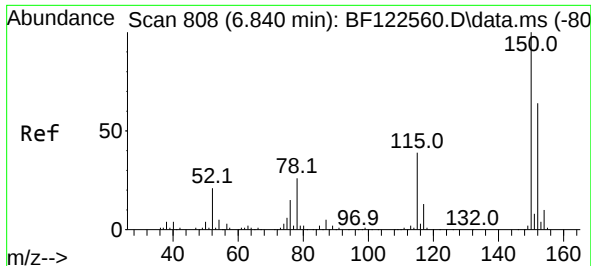
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Dec 22 14:12:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

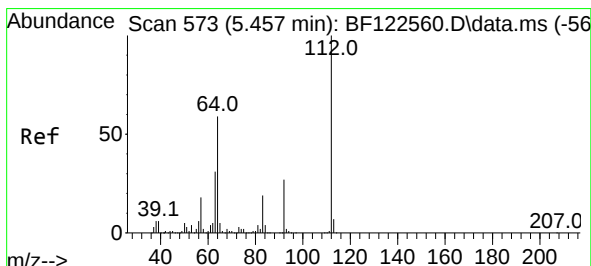
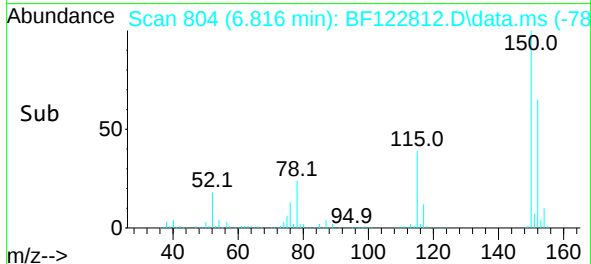
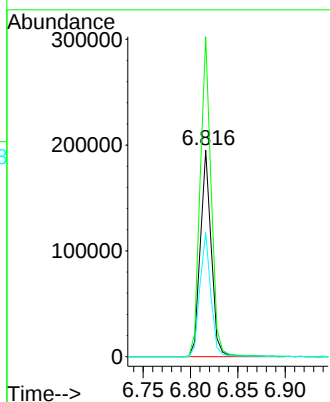
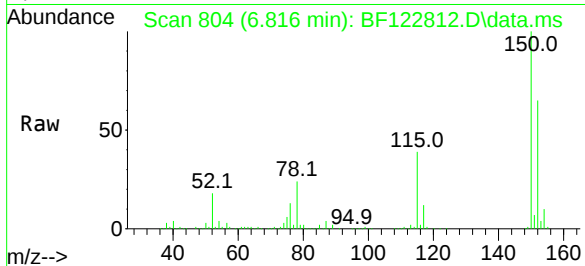




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

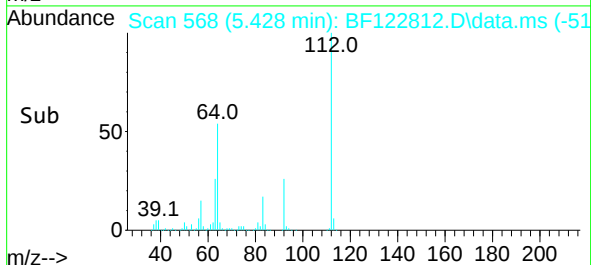
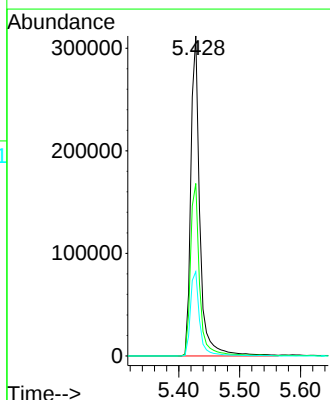
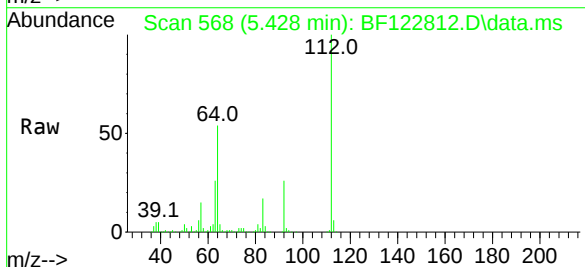
Instrument :
BNA_F
ClientSampleId :
TR-04-12-18-20

Tgt Ion:152 Resp: 156713
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 32.41 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Tgt Ion:112 Resp: 320858
Ion Ratio Lower Upper
112 100
64 53.9 46.9 70.3
63 26.3 24.5 36.7

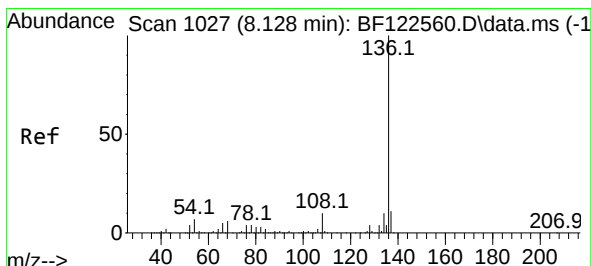
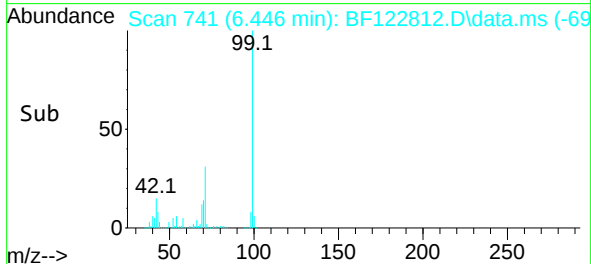
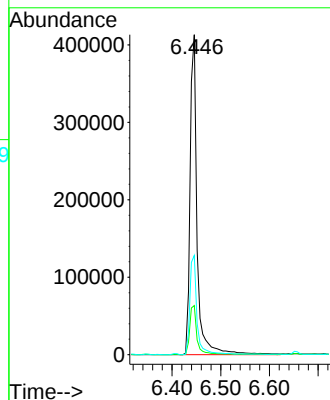
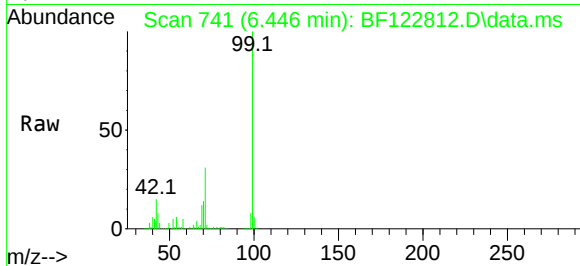




#7
Phenol-d6
Concen: 31.50 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

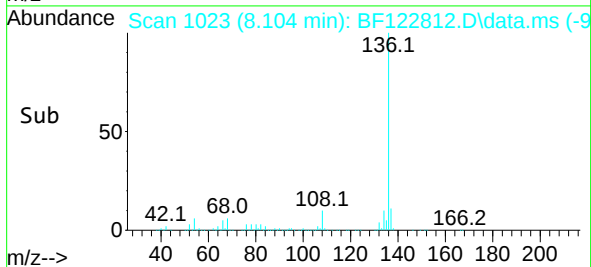
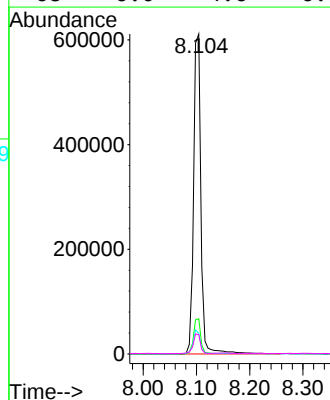
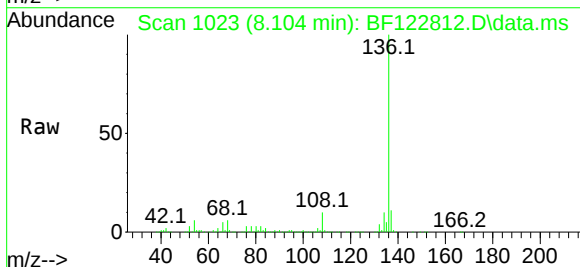
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BNA_F
ClientSampleId :
TR-04-12-18-20

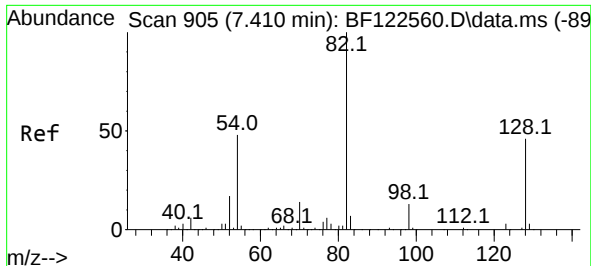
Tgt Ion: 99 Resp: 413509
Ion Ratio Lower Upper
99 100
42 15.3 13.8 20.6
71 31.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Tgt Ion: 136 Resp: 586760
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.5 8.3
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 20.01 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF122812.D

Acq: 22 Dec 2020 13:31

Tgt Ion: 82 Resp: 234361

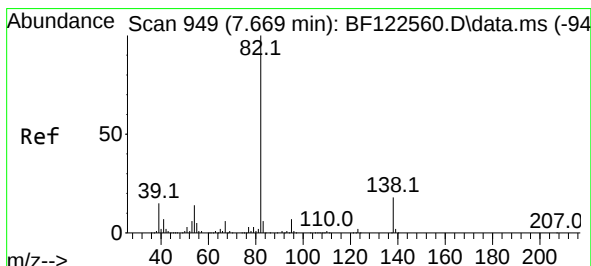
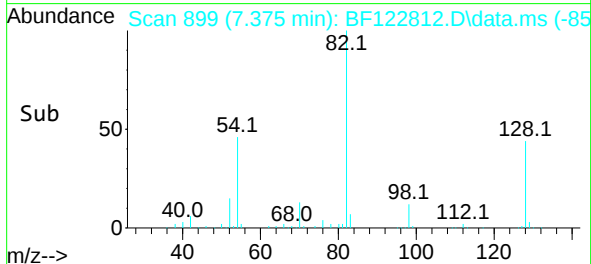
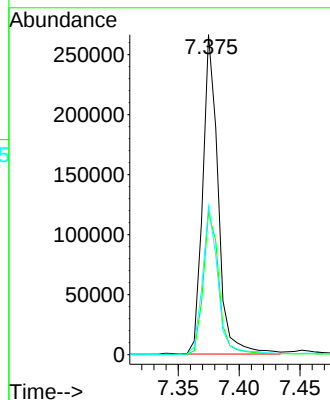
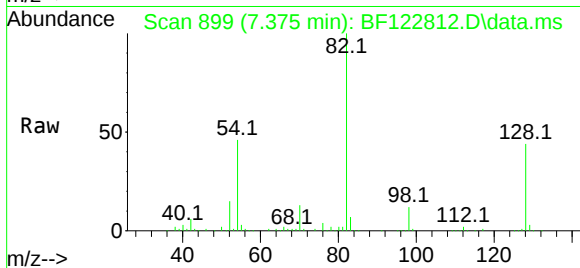
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	46.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

TR-04-12-18-20



#25

Isophorone

Concen: 11.62 ng

RT: 7.375 min Scan# 899

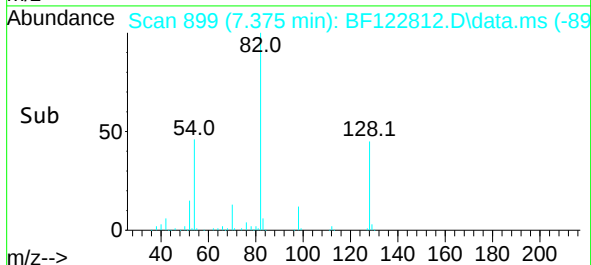
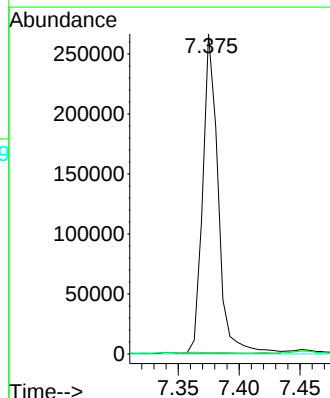
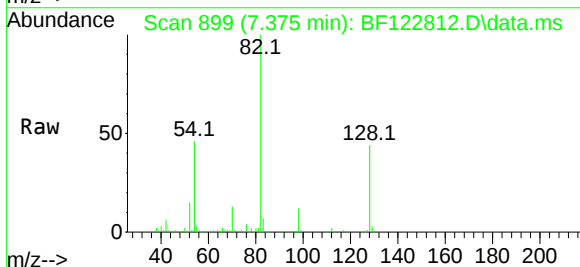
Delta R.T. -0.271 min

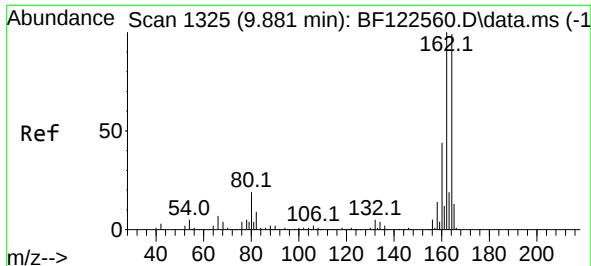
Lab File: BF122812.D

Acq: 22 Dec 2020 13:31

Tgt Ion: 82 Resp: 234361

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.8	8.6#
138	0.0	14.6	21.8#

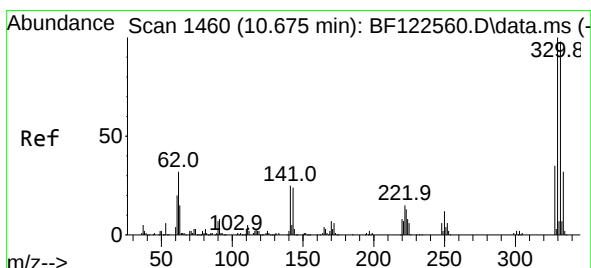
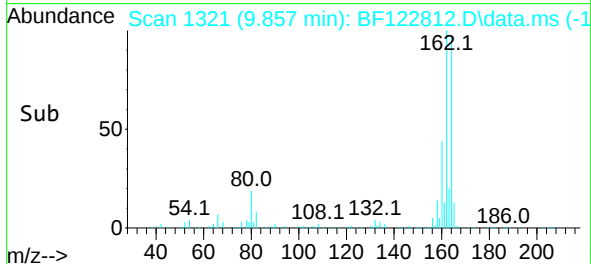
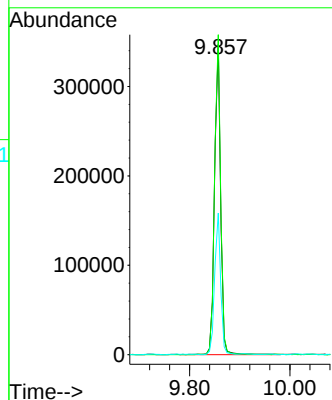
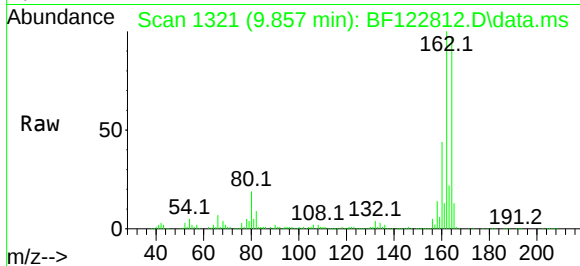




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

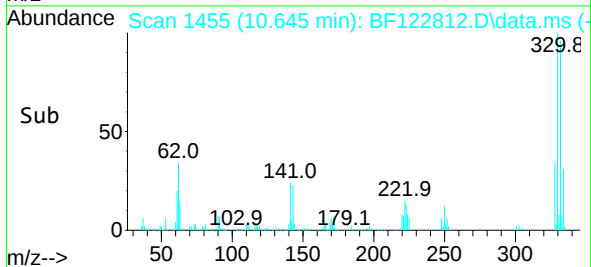
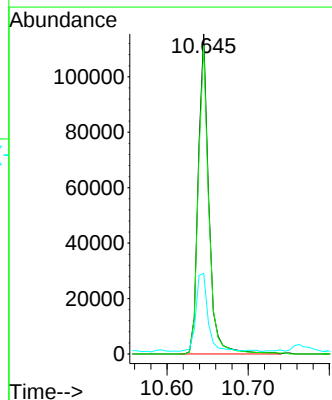
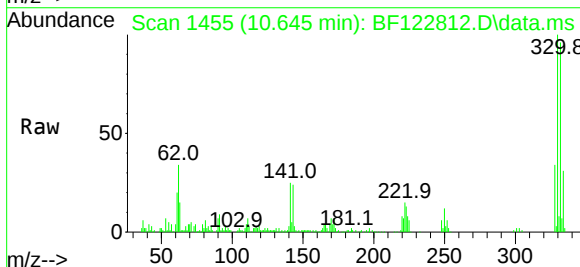
Instrument :
BNA_F
ClientSampleId :
TR-04-12-18-20

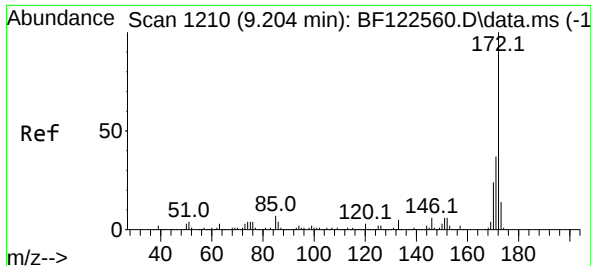
Tgt Ion:164 Resp: 293031
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 27.39 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Tgt Ion:330 Resp: 105076
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 27.4 23.8 35.8

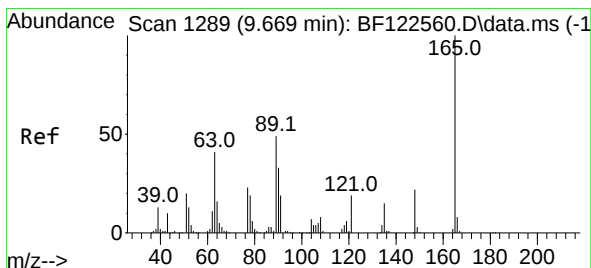
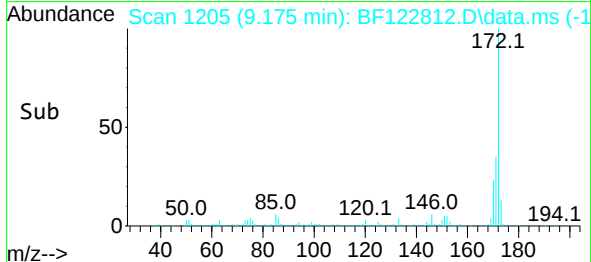
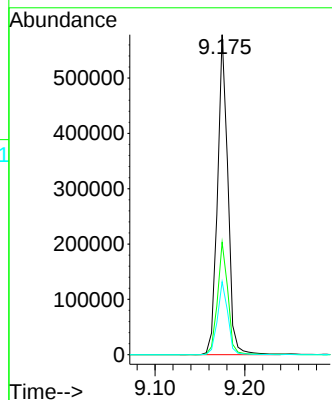
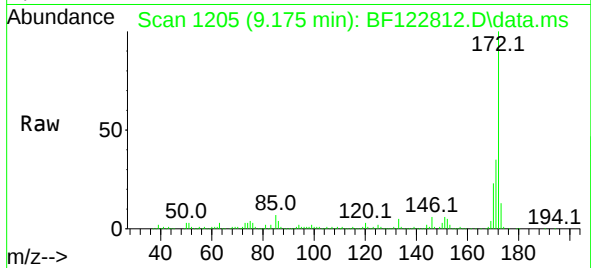




#45
2-Fluorobiphenyl
Concen: 21.40 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

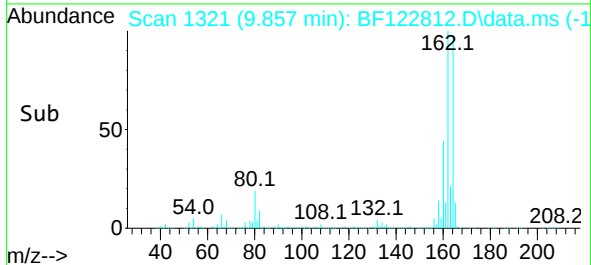
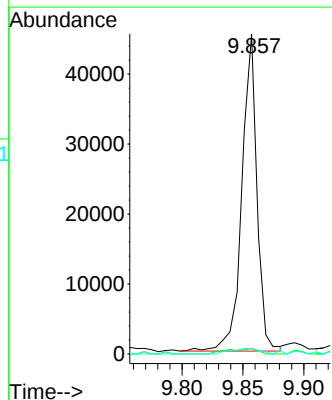
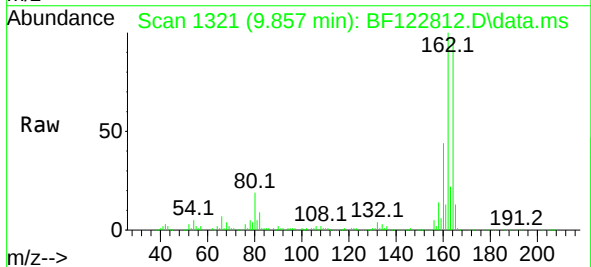
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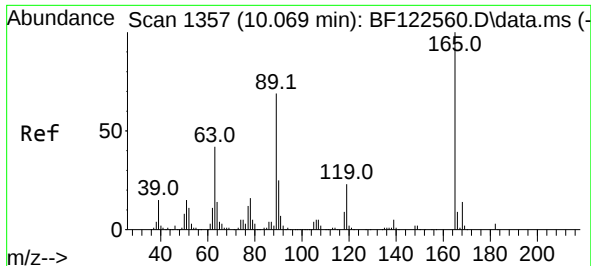
Tgt Ion:172 Resp: 463527
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 22.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

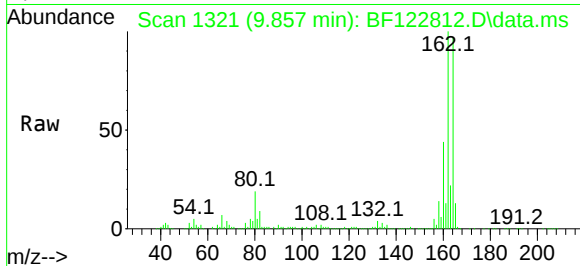
Tgt Ion:165 Resp: 39266
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.6 39.4 59.0#



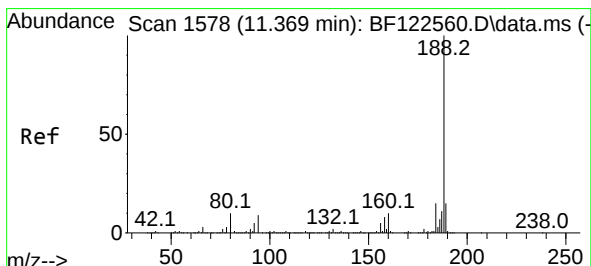
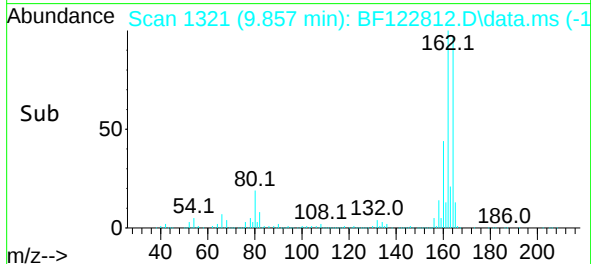
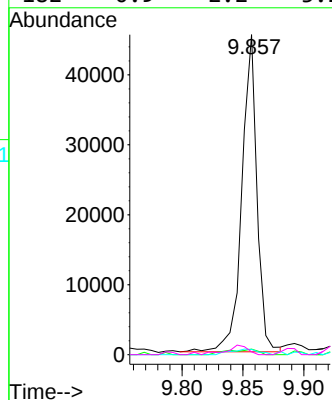


#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Instrument :
BNA_F
ClientSampleId :
TR-04-12-18-20

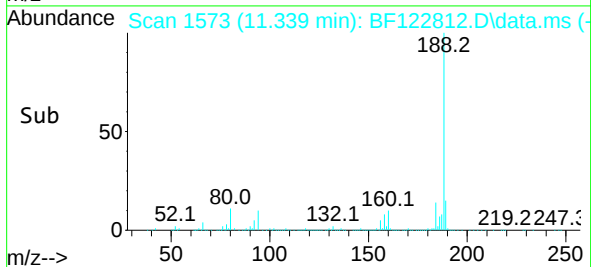
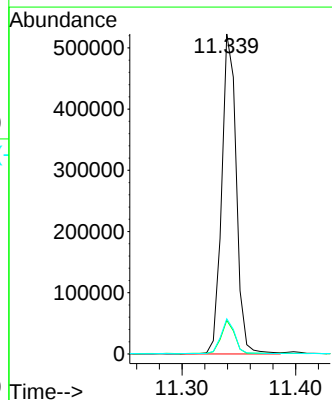
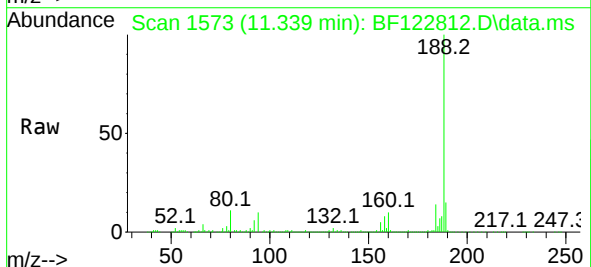


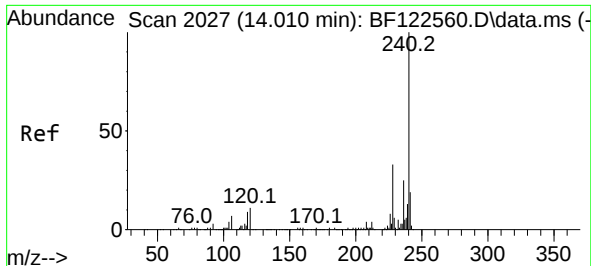
Tgt Ion:165 Resp: 39266
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.6 55.2 82.8#
182 0.9 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Tgt Ion:188 Resp: 467740
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.0 8.2 12.4

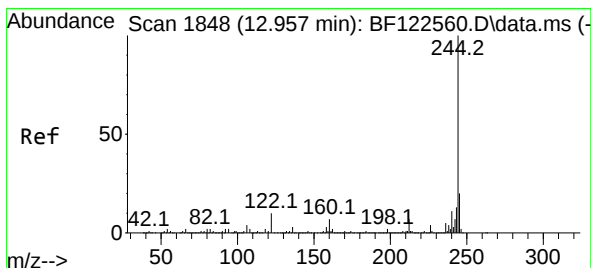
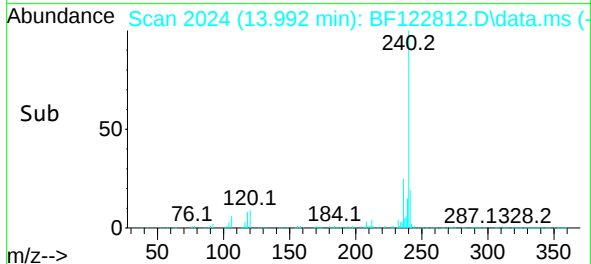
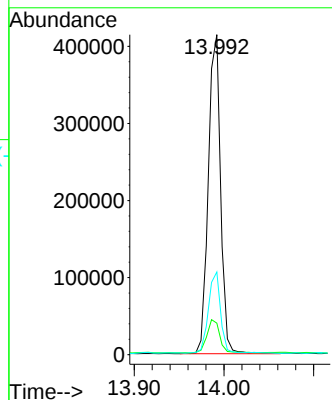
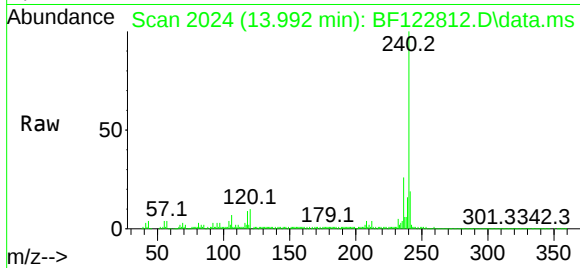




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

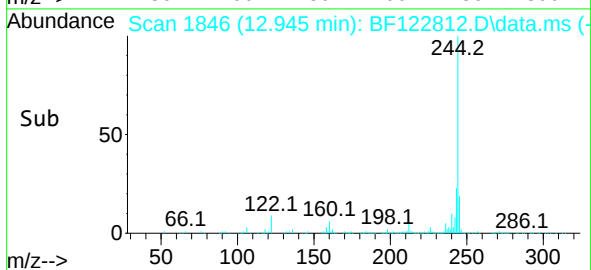
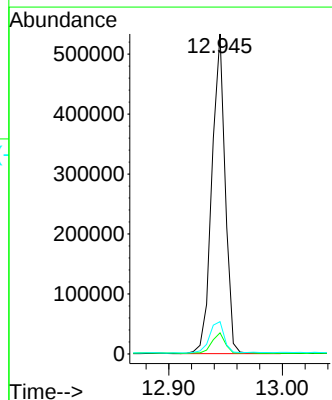
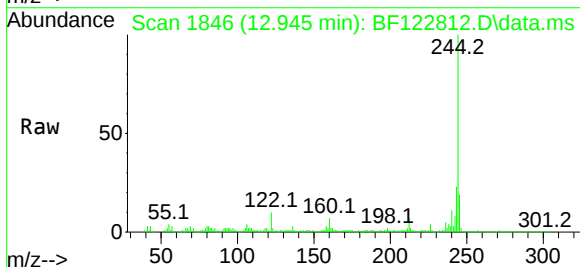
Instrument :
BNA_F
ClientSampleId :
TR-04-12-18-20

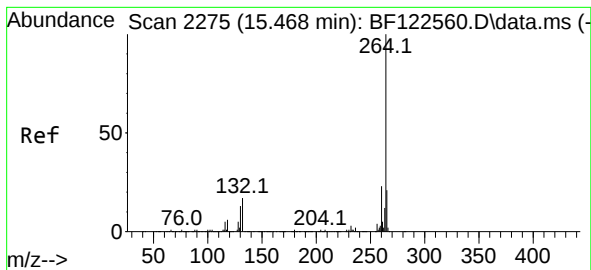
Tgt Ion:240 Resp: 394024
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 19.26 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.012 min
Lab File: BF122812.D
Acq: 22 Dec 2020 13:31

Tgt Ion:244 Resp: 433506
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF122812.D
 Acq: 22 Dec 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-12-18-20

Tgt Ion:264 Resp: 365752
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.0 17.0 25.6

