

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122880.D
 Acq On : 30 Dec 2020 15:56
 Operator : JU/CG
 Sample : L5235-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122920

Quant Time: Dec 30 16:22:33 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)

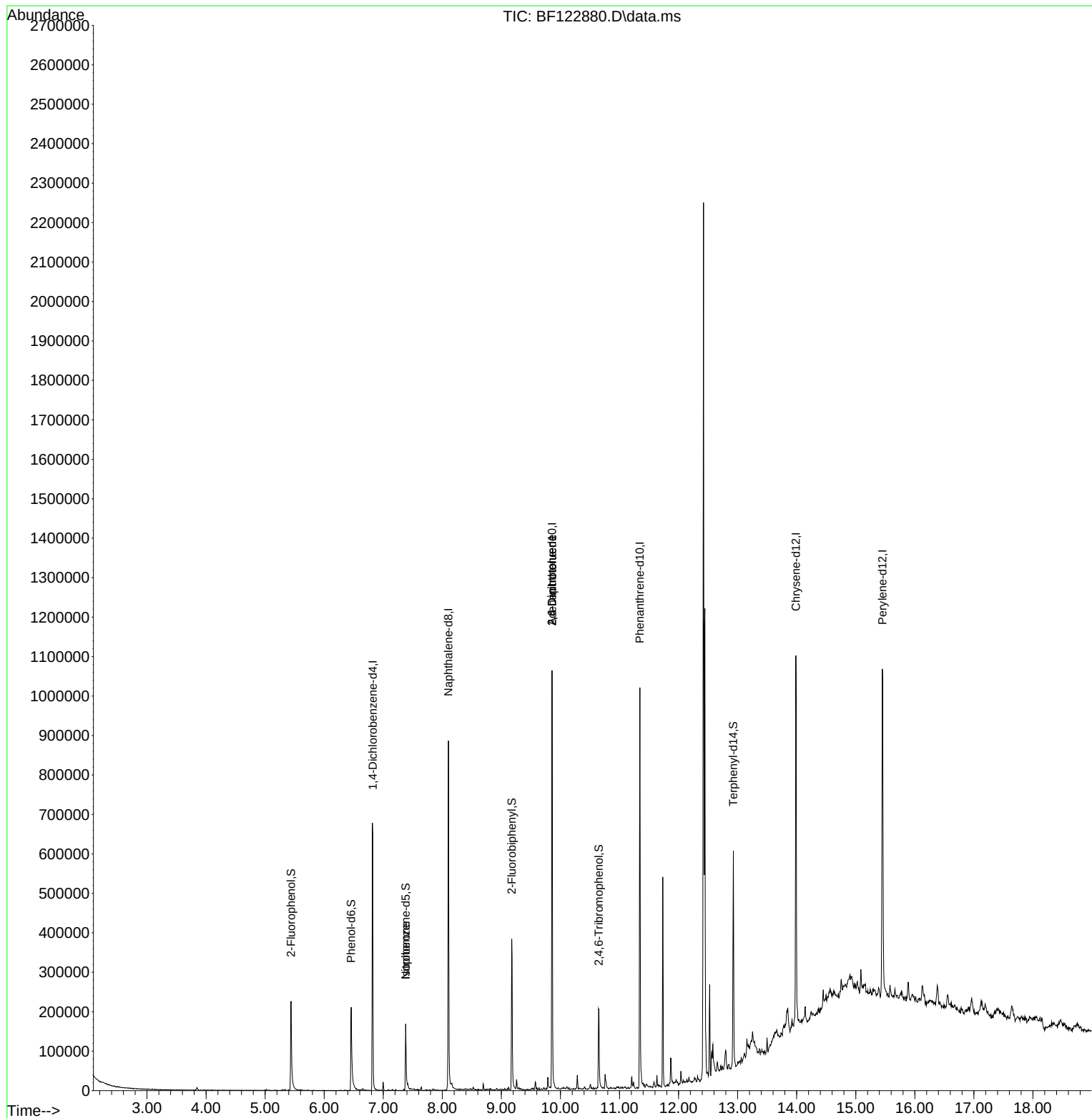
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	117691	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	417802	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	208148	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	356562	20.00	ng	0.00
76) Chrysene-d12	13.986	240	351187	20.00	ng	0.00
86) Perylene-d12	15.451	264	390441	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	99401	13.37	ng	0.00
7) Phenol-d6	6.457	99	110271	11.18	ng	0.00
23) Nitrobenzene-d5	7.381	82	67428	8.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	33404	12.26	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	143971	9.36	ng	-0.01
79) Terphenyl-d14	12.927	244	167672	8.36	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.381	82	67428	4.69	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	26764	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	26764	5.72	ng	# 25

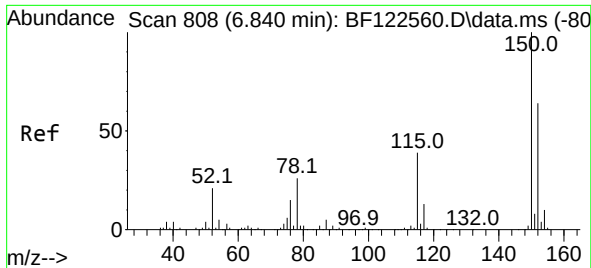
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

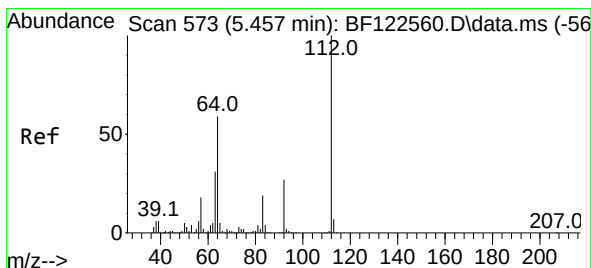
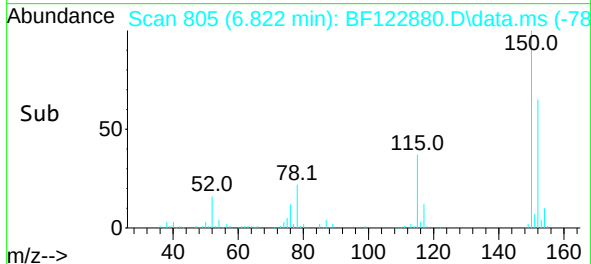
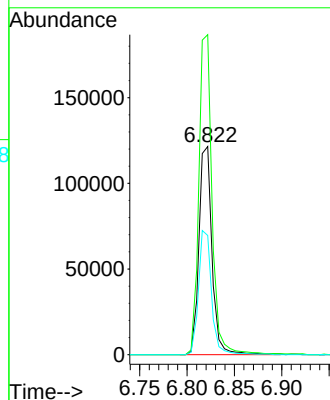
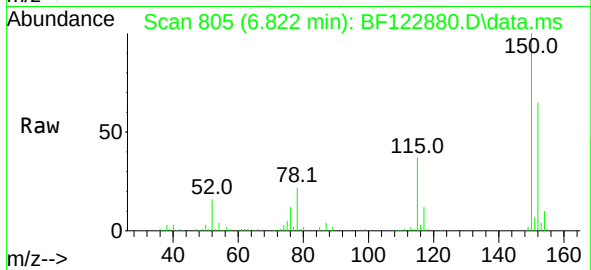




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

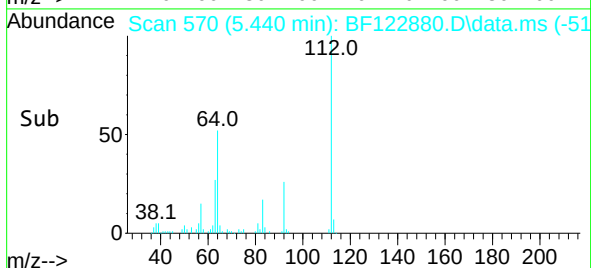
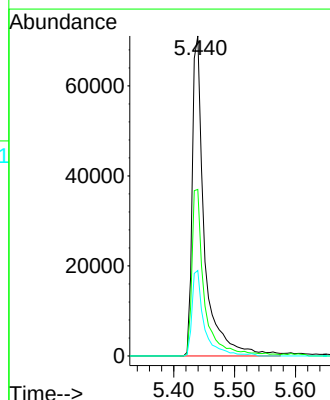
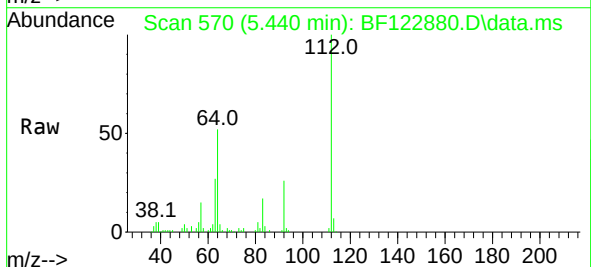
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

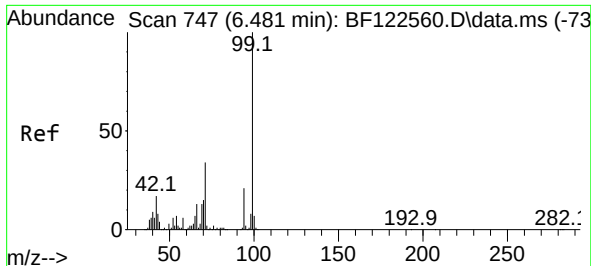
Tgt Ion:152 Resp: 117691
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 57.3 49.3 73.9



#5
2-Fluorophenol
Concen: 13.37 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Tgt Ion:112 Resp: 99401
Ion Ratio Lower Upper
112 100
64 52.1 46.9 70.3
63 26.7 24.5 36.7

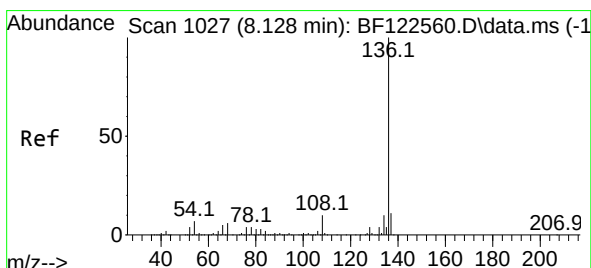
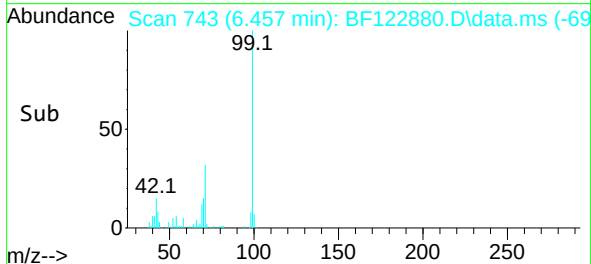
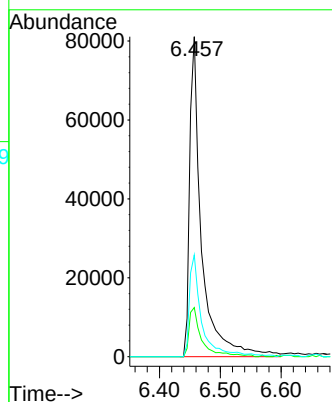
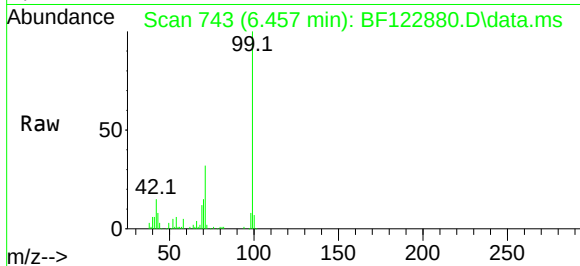




#7
Phenol-d6
Concen: 11.18 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

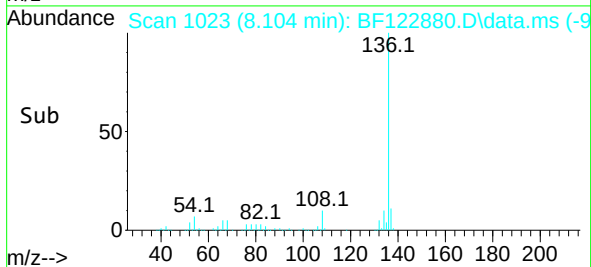
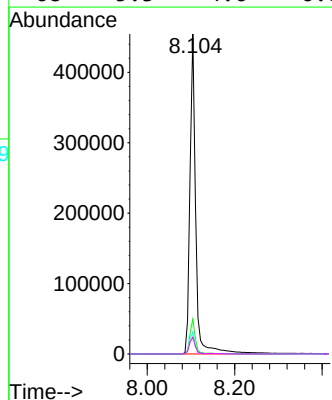
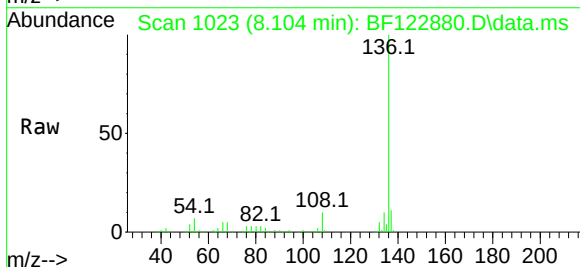
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

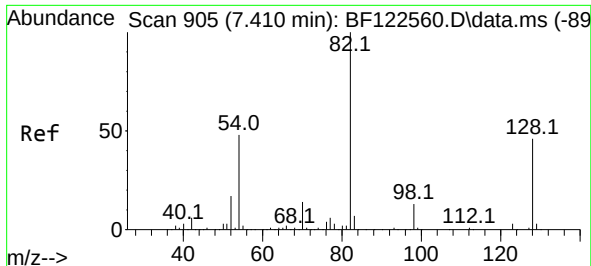
Tgt Ion:	99	Resp:	110271
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.8	20.6
71	31.8	26.9	40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Tgt Ion:	136	Resp:	417802
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.5	8.3
68	5.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 8.09 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF122880.D

Acq: 30 Dec 2020 15:56

Tgt Ion: 82 Resp: 67428

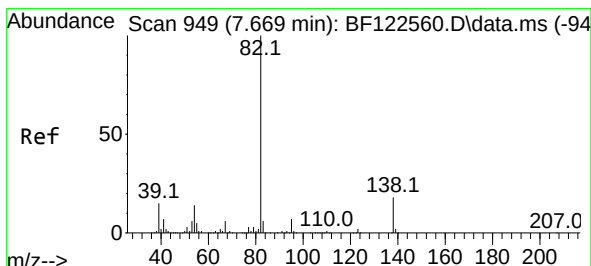
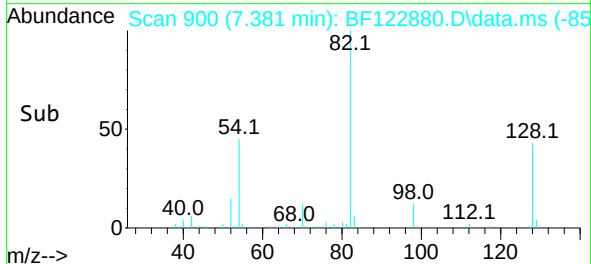
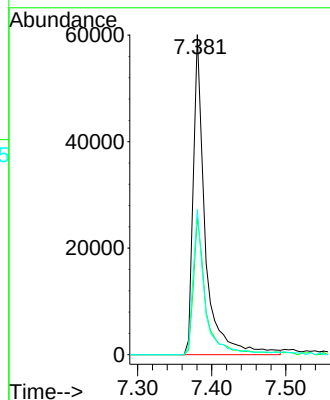
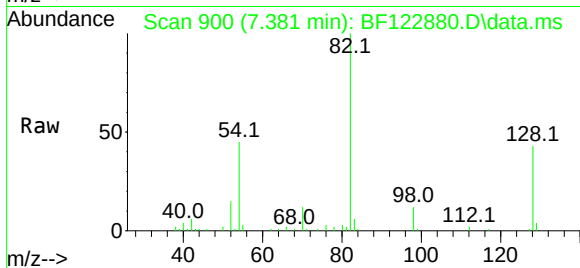
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.4
54	45.4	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

TR-05-122920



#25

Isophorone

Concen: 4.69 ng

RT: 7.381 min Scan# 900

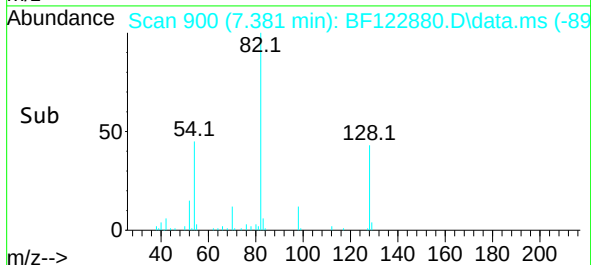
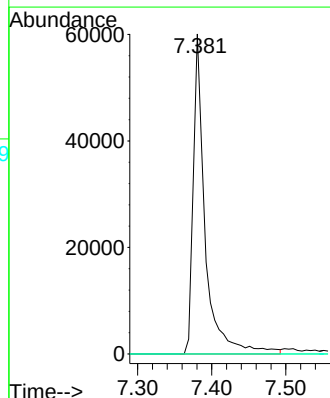
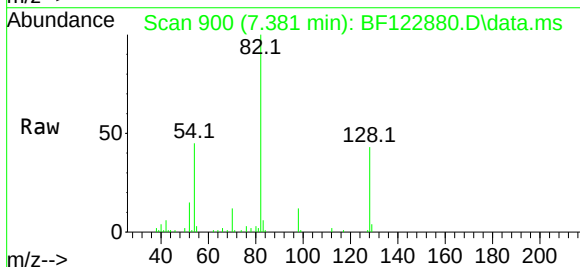
Delta R.T. -0.265 min

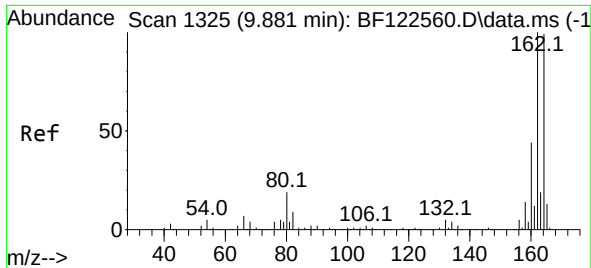
Lab File: BF122880.D

Acq: 30 Dec 2020 15:56

Tgt Ion: 82 Resp: 67428

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

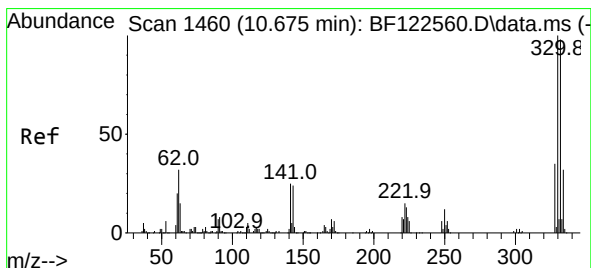
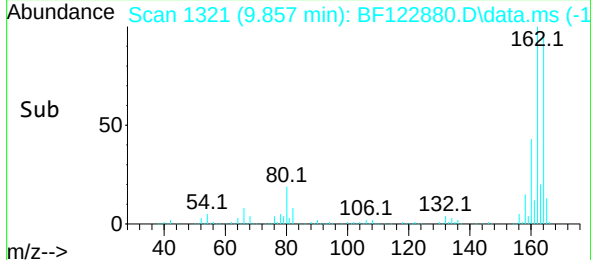
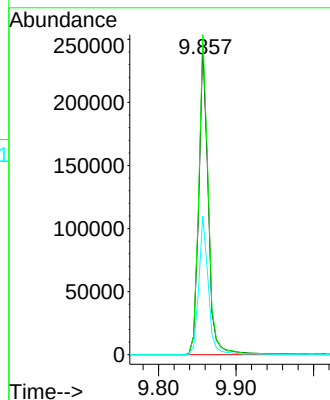
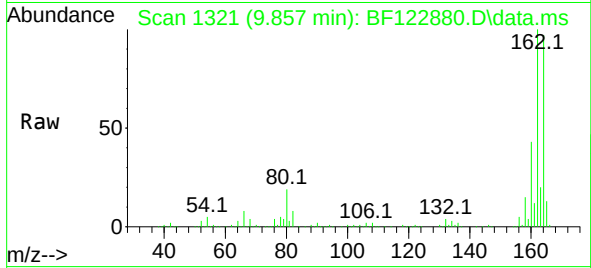




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

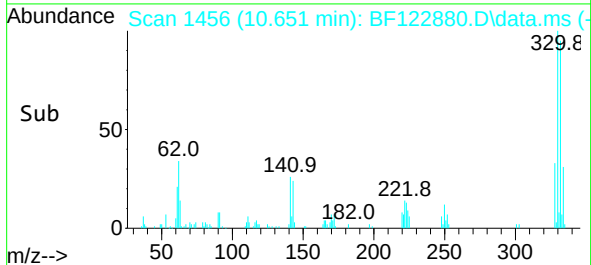
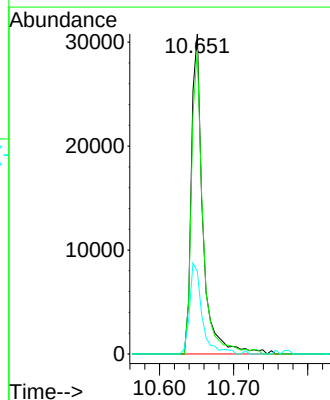
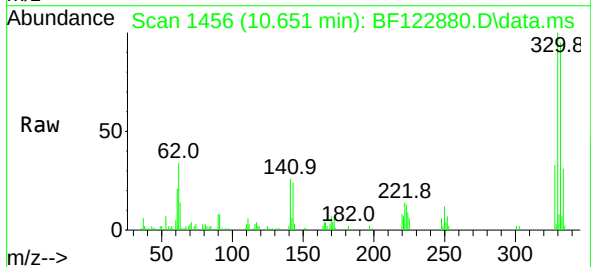
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

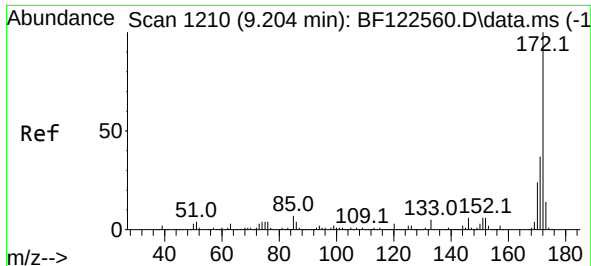
Tgt Ion:164 Resp: 208148
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 12.26 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Tgt Ion:330 Resp: 33404
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 30.6 23.8 35.8

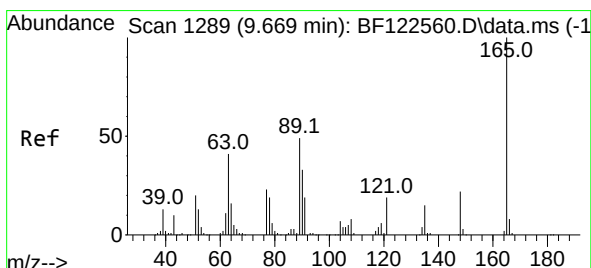
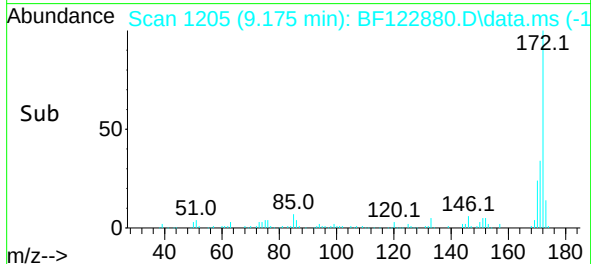
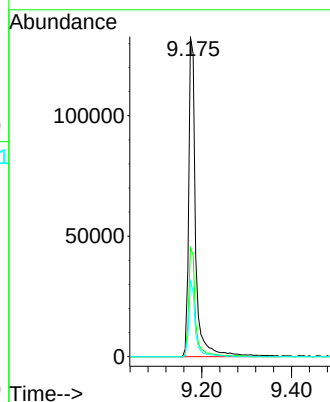
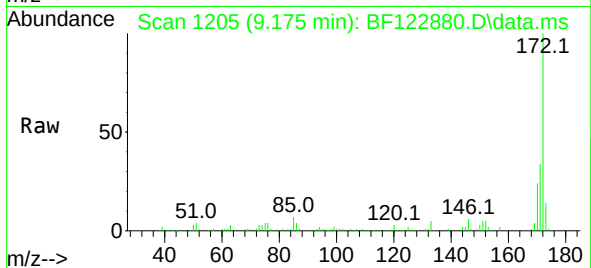




#45
2-Fluorobiphenyl
Concen: 9.36 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

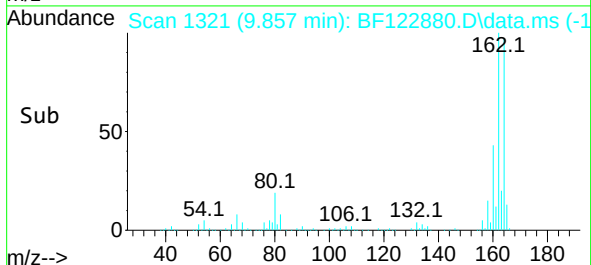
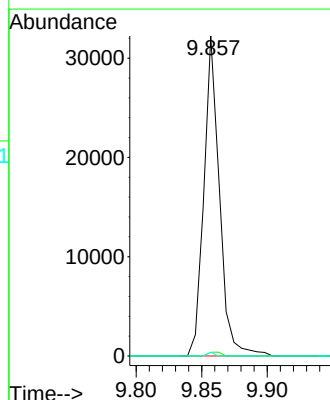
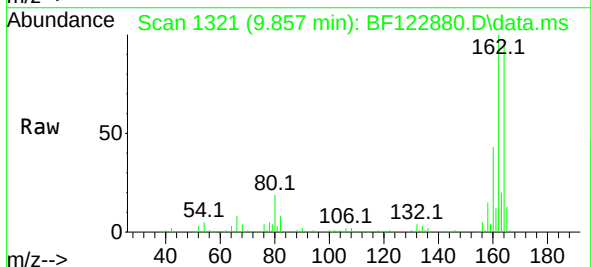
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

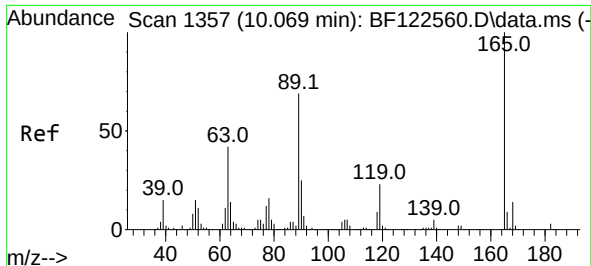
Tgt Ion:172 Resp: 143971
Ion Ratio Lower Upper
172 100
171 34.0 29.6 44.4
170 23.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

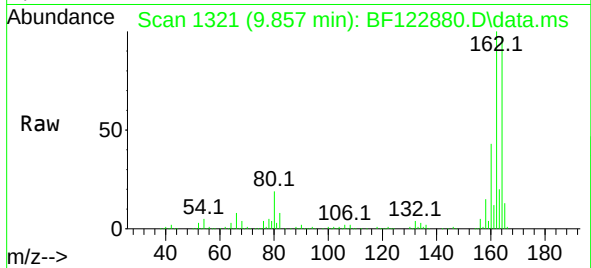
Tgt Ion:165 Resp: 26764
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



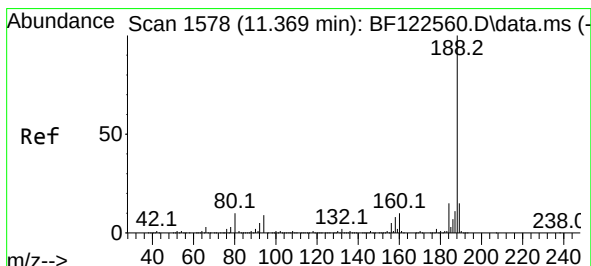
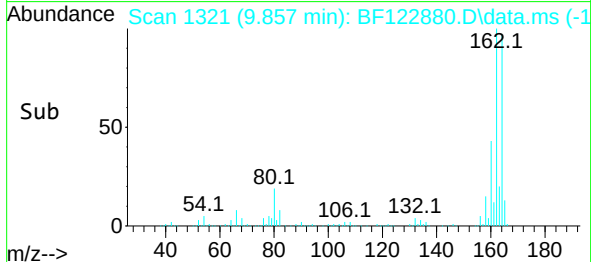
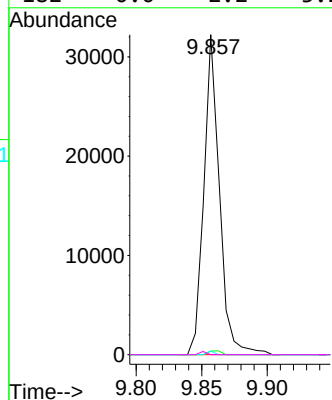


#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Instrument :
BNA_F
ClientSampleId :
TR-05-122920

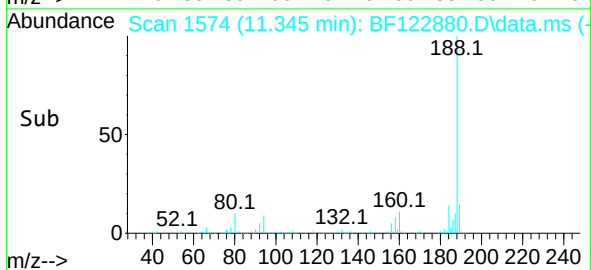
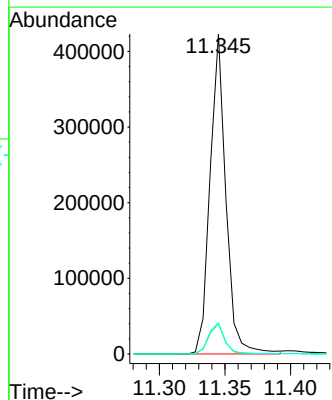
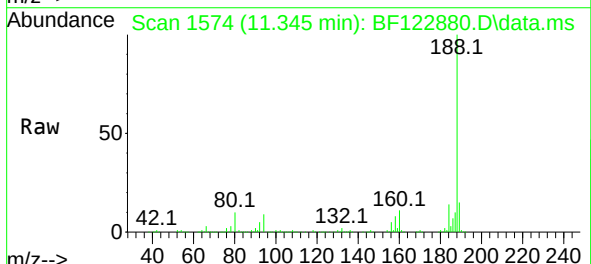


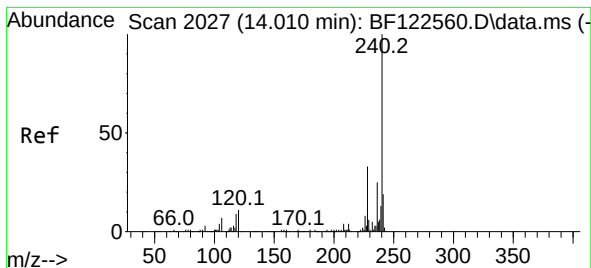
Tgt Ion:165	Resp:	26764
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.1	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Tgt Ion:188	Resp:	356562
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.4 11.2
80	9.7	8.2 12.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122880.D

Acq: 30 Dec 2020 15:56

Tgt Ion:240 Resp: 351187

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

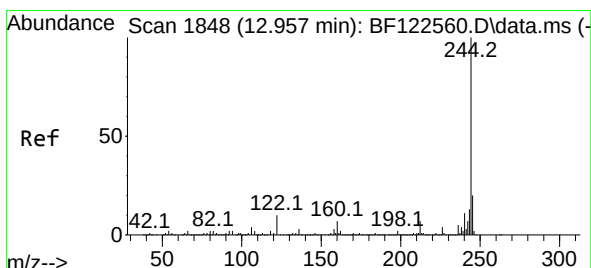
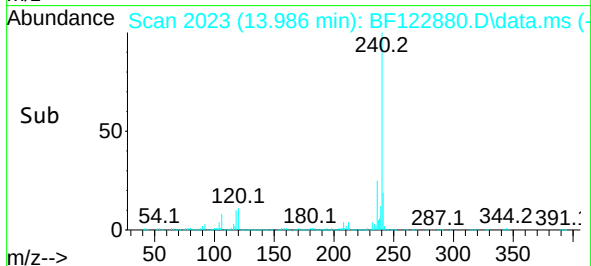
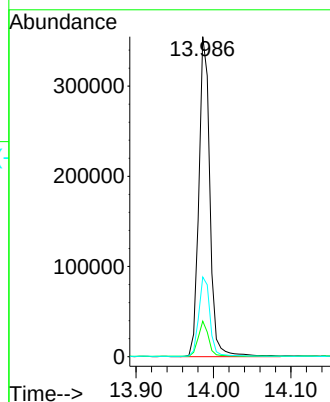
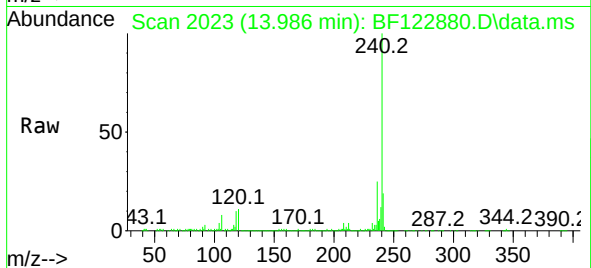
236 24.9 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

TR-05-122920



#79

Terphenyl-d14

Concen: 8.36 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF122880.D

Acq: 30 Dec 2020 15:56

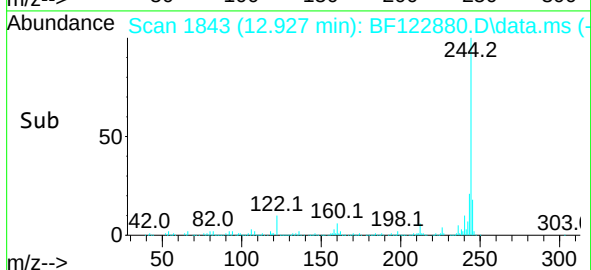
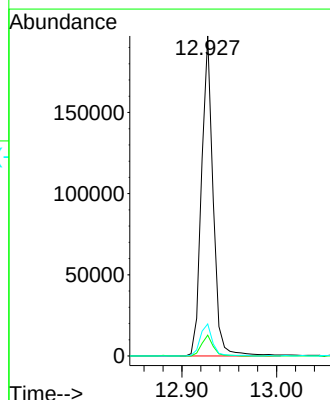
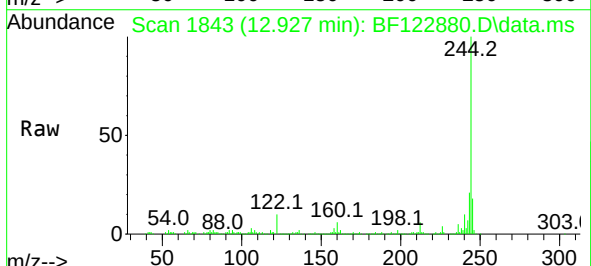
Tgt Ion:244 Resp: 167672

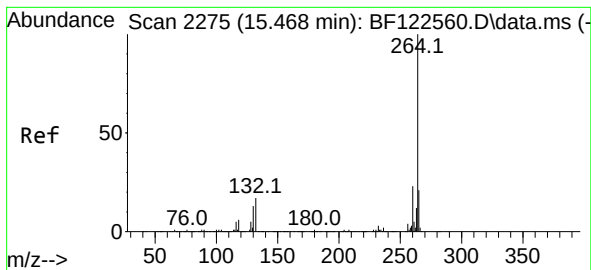
Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

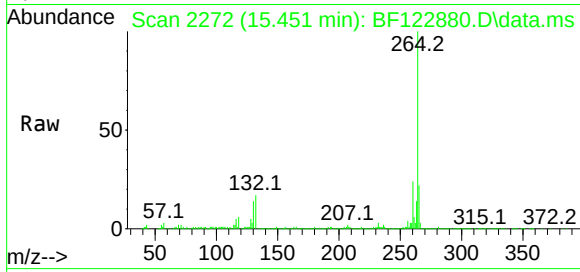
122 10.0 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122880.D
Acq: 30 Dec 2020 15:56

Instrument :
BNA_F
ClientSampleId :
TR-05-122920



Tgt Ion:264 Resp: 390441
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.2 17.0 25.6

