

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124991.D
 Acq On : 8 Aug 2021 00:35
 Operator : JU/CG
 Sample : M3292-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25546

Quant Time: Aug 08 09:12:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

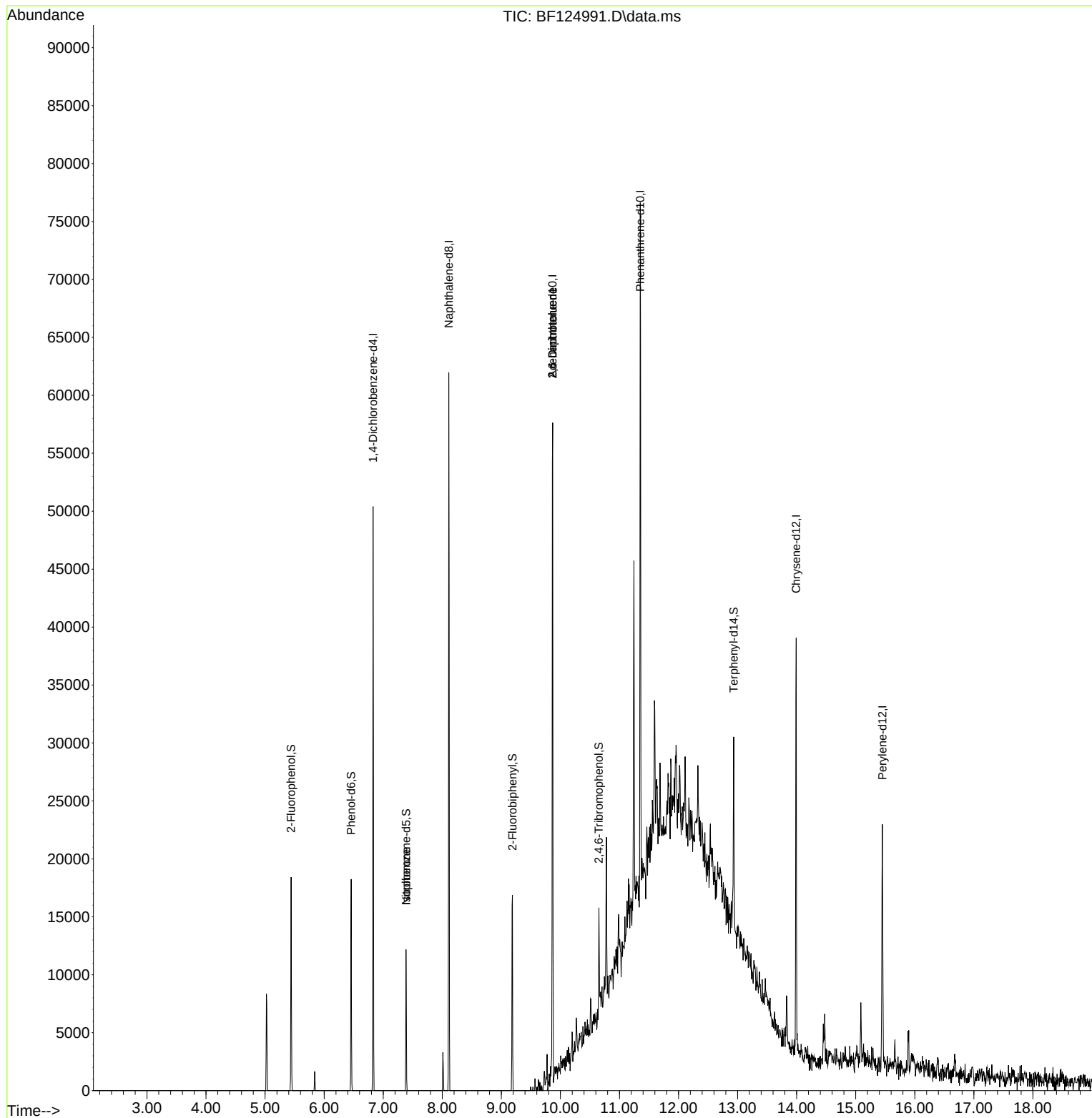
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6537	20.00	ng	# 0.00
21) Naphthalene-d8	8.110	136	24948	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	11532	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	19155	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	13547	20.00	ng	# 0.00
86) Perylene-d12	15.451	264	9749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4887	12.25	ng	0.00
7) Phenol-d6	6.457	99	5300	10.53	ng	0.00
23) Nitrobenzene-d5	7.387	82	3357	7.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	994	9.65	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	6550	8.31	ng	0.00
79) Terphenyl-d14	12.933	244	5994	7.46	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.387	82	3357	4.12	ng	# 59
51) 2,6-Dinitrotoluene	9.869	165	1683	9.67	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	1683	7.12	ng	# 18

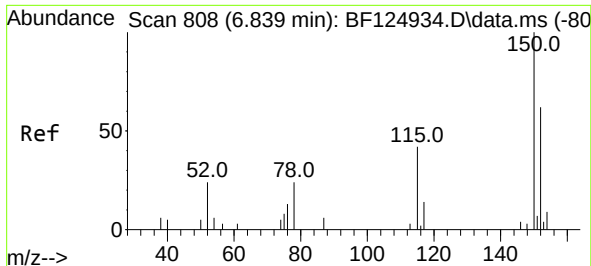
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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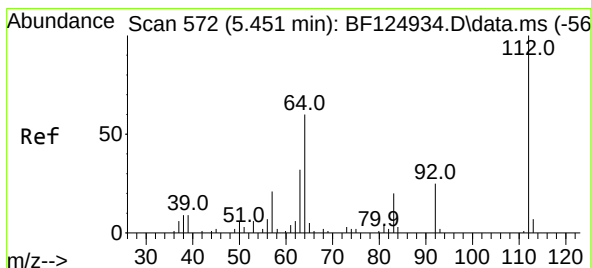
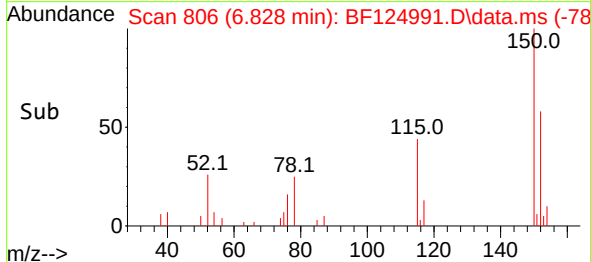
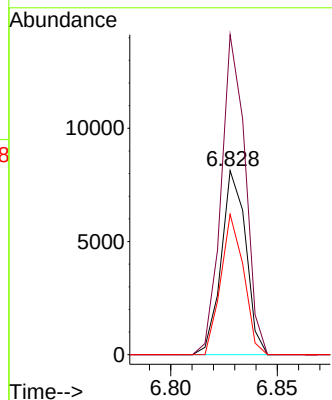
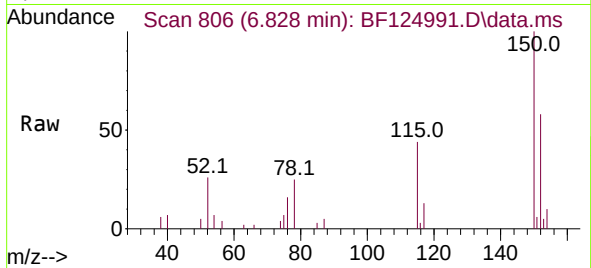




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

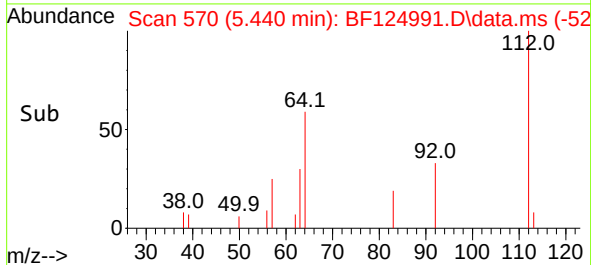
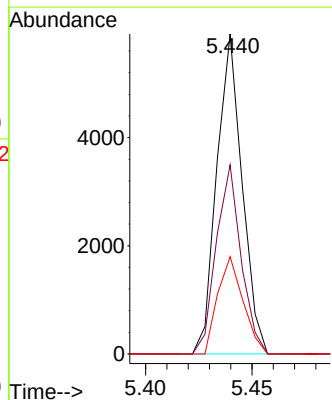
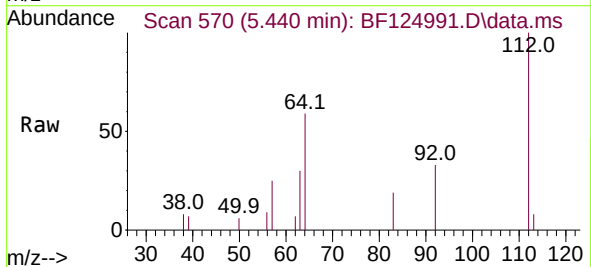
Instrument :
BNA_F
ClientSampleId :
25546

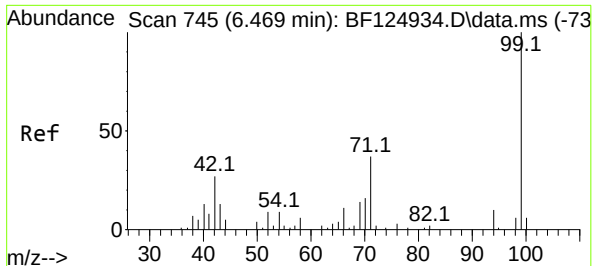
Tgt Ion:152 Resp: 6537
Ion Ratio Lower Upper
152 100
150 173.9 117.6 176.4
115 76.3 47.1 70.7#



#5
2-Fluorophenol
Concen: 12.25 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Tgt Ion:112 Resp: 4887
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 30.4 26.2 39.2



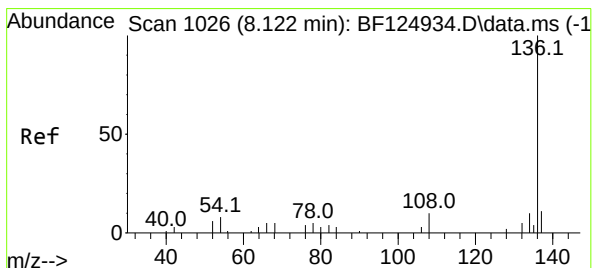
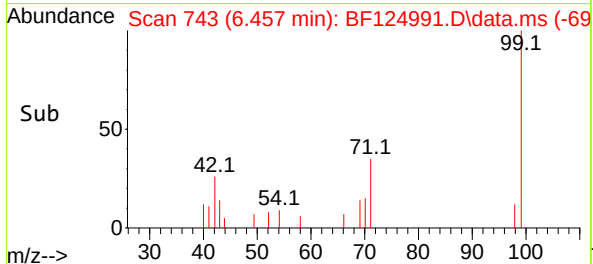
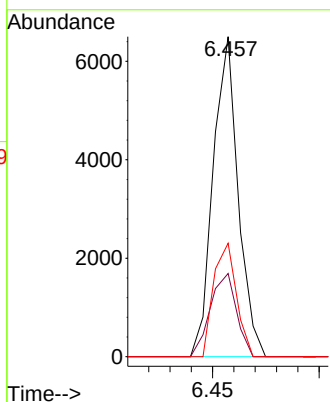
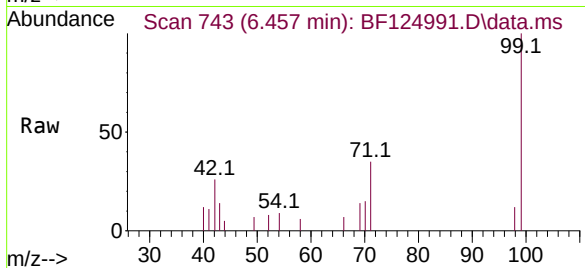


#7
Phenol-d6
Concen: 10.53 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Instrument :
BNA_F
ClientSampleId :
25546

Tgt Ion: 99 Resp: 5300

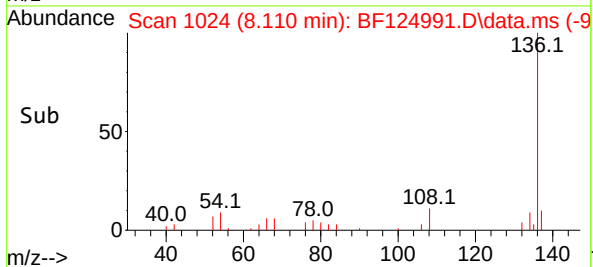
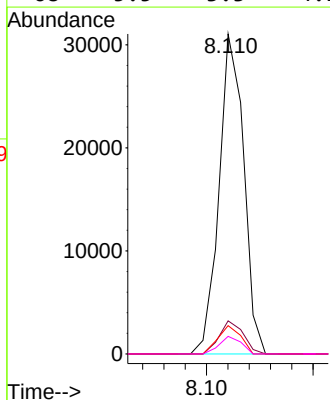
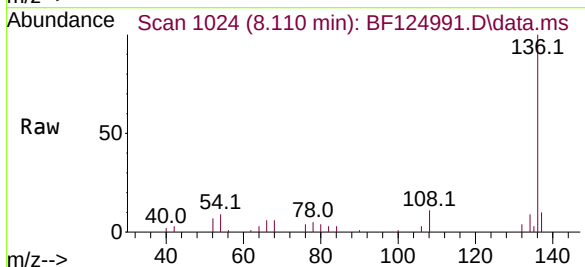
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.5	35.3
71	35.5	25.6	38.4

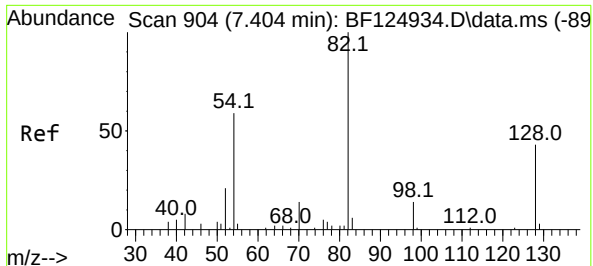


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Tgt Ion: 136 Resp: 24948

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	8.9	6.4	9.6
68	5.5	3.3	4.9





#23

Nitrobenzene-d5

Concen: 7.04 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF124991.D

Acq: 8 Aug 2021 00:35

Tgt Ion: 82 Resp: 3357

Ion Ratio Lower Upper

82 100

128 49.7 40.6 60.8

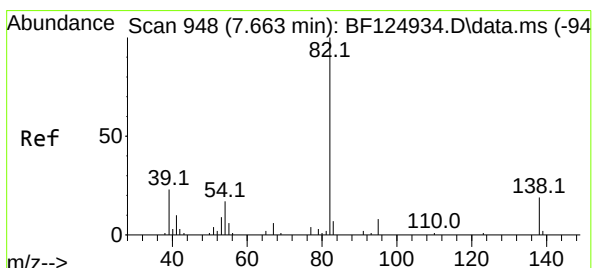
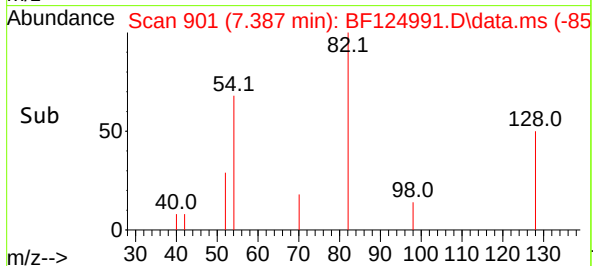
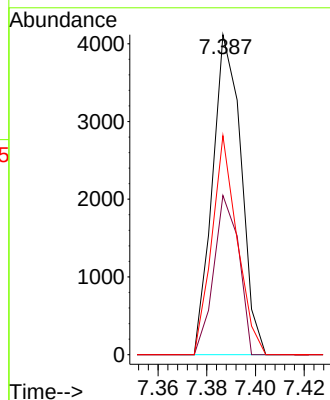
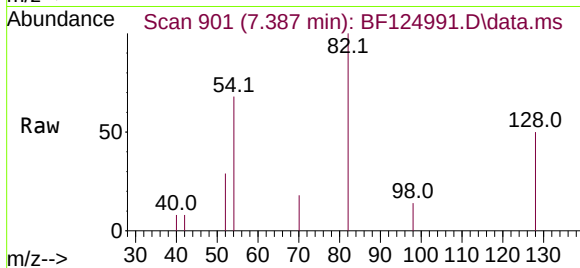
54 68.5 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

25546



#25

Isophorone

Concen: 4.12 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.270 min

Lab File: BF124991.D

Acq: 8 Aug 2021 00:35

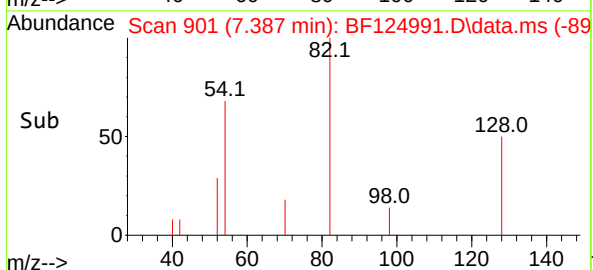
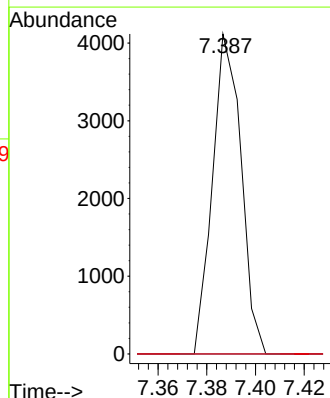
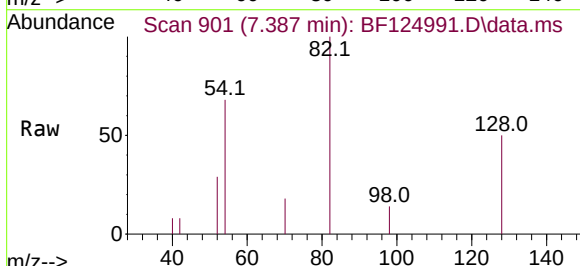
Tgt Ion: 82 Resp: 3357

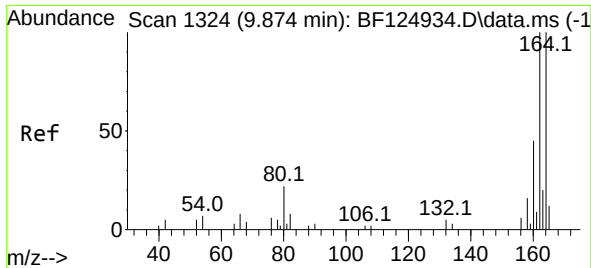
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

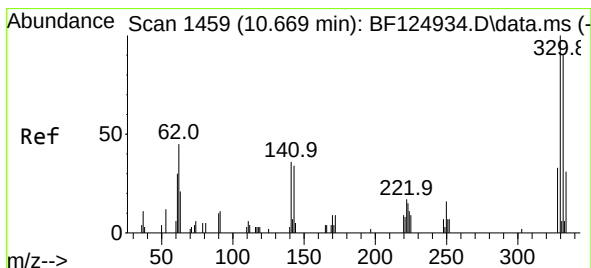
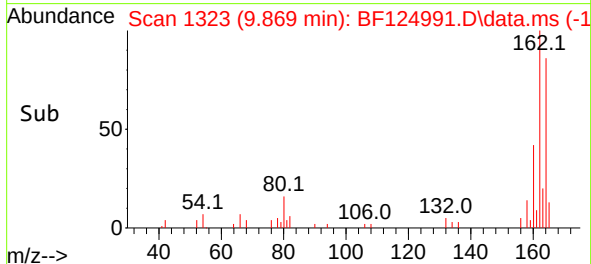
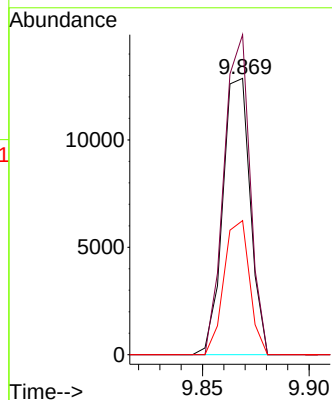
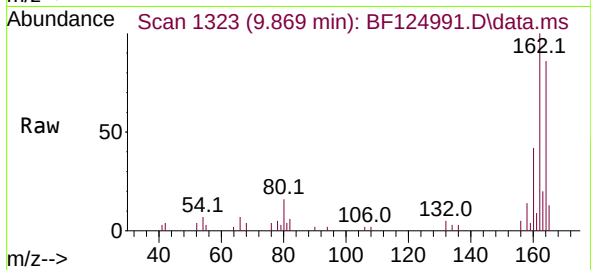




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

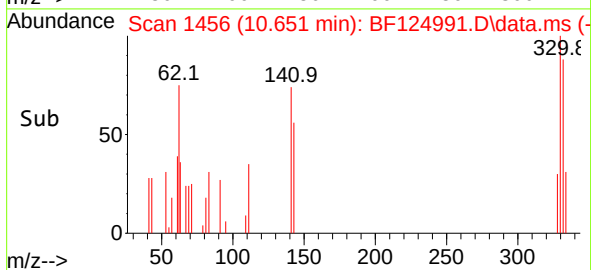
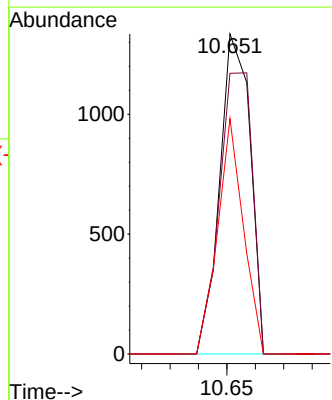
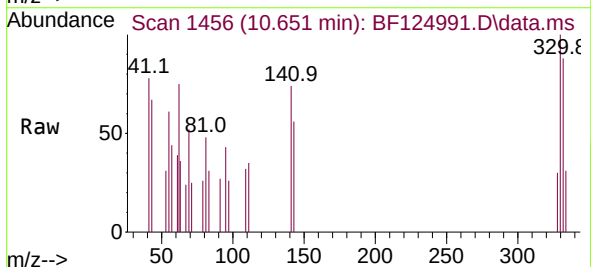
Instrument :
BNA_F
ClientSampleId :
25546

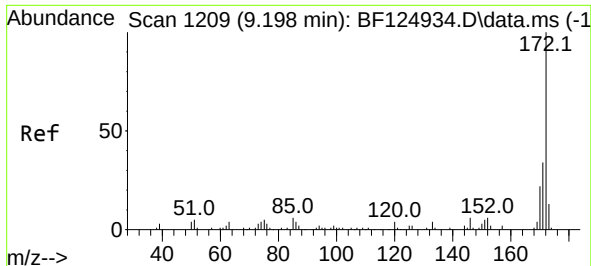
Tgt Ion:164 Resp: 11532
Ion Ratio Lower Upper
164 100
162 115.8 81.3 121.9
160 48.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 9.65 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Tgt Ion:330 Resp: 994
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 62.4 44.6 66.8

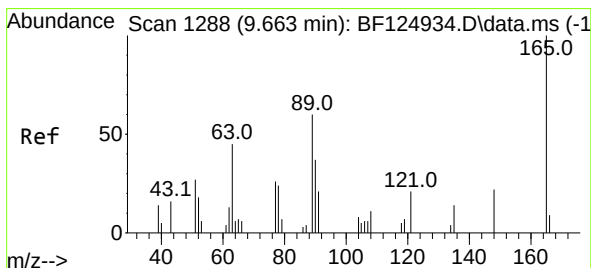
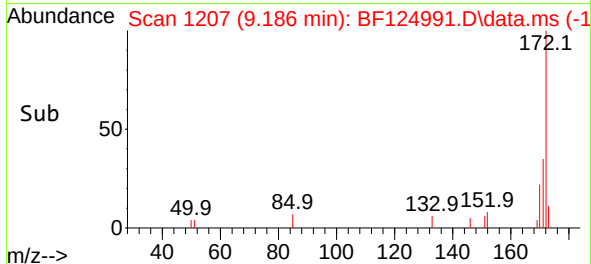
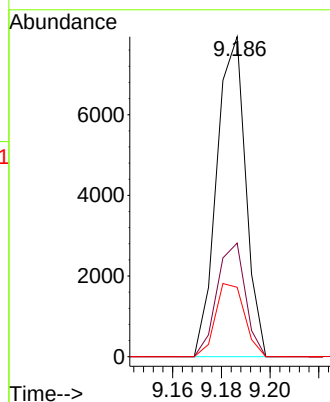
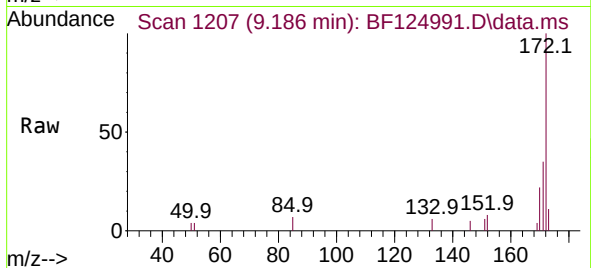




#45
2-Fluorobiphenyl
Concen: 8.31 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

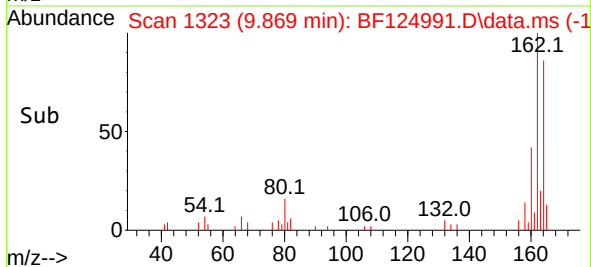
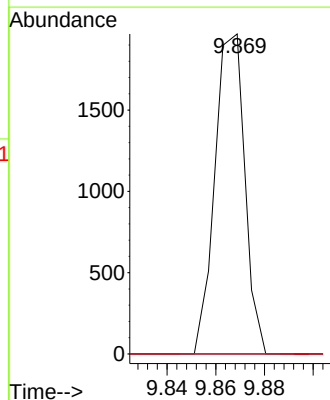
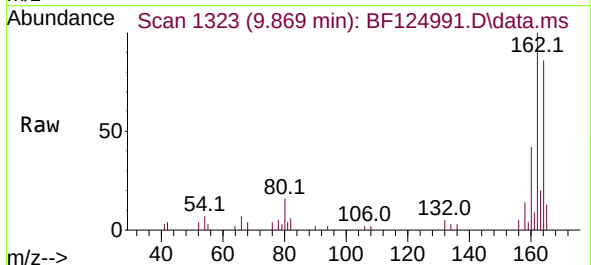
Instrument :
BNA_F
ClientSampleId :
25546

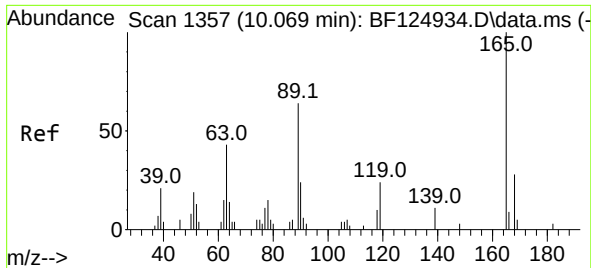
Tgt Ion:172	Resp:	6550
Ion Ratio	Lower	Upper
172	100	
171	35.5	26.5 39.7
170	21.7	18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.67 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

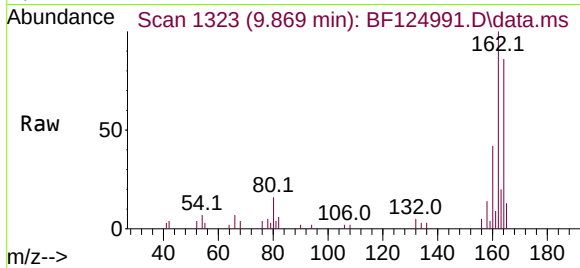
Tgt Ion:165	Resp:	1683
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.6 63.8#
89	0.0	40.6 60.8#



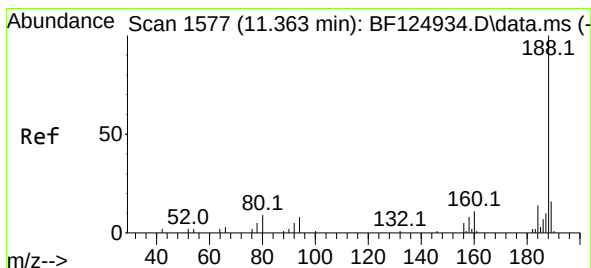
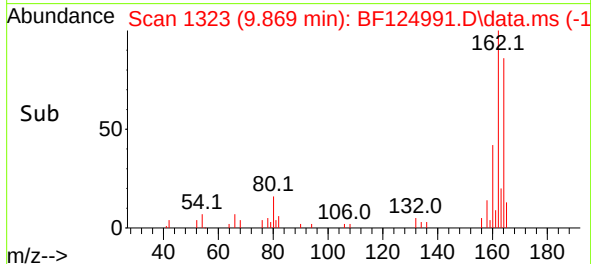
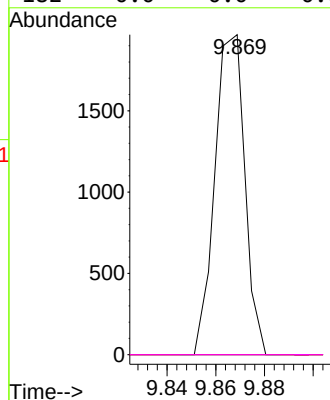


#57
2,4-Dinitrotoluene
Concen: 7.12 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.188 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Instrument :
BNA_F
ClientSampled :
25546

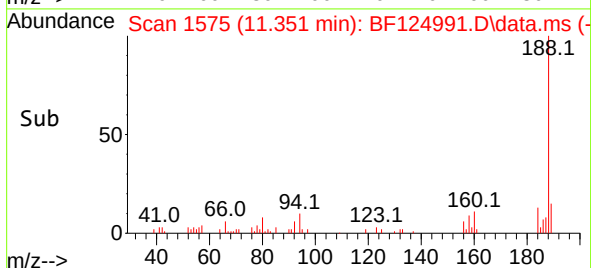
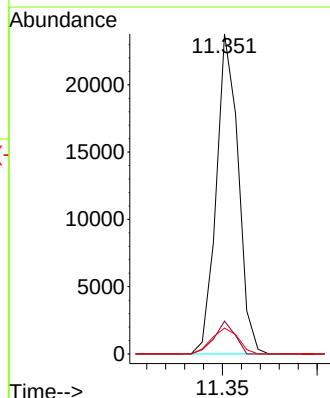
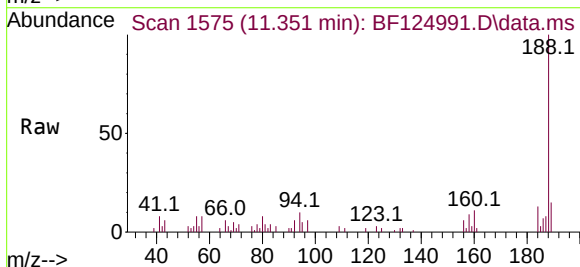


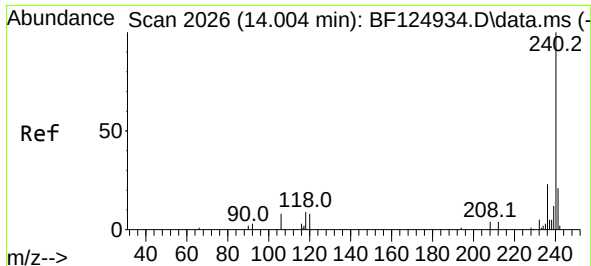
Tgt Ion:165 Resp: 1683
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Tgt Ion:188 Resp: 19155
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 8.1 7.5 11.3

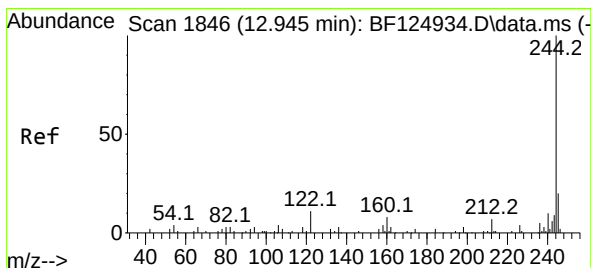
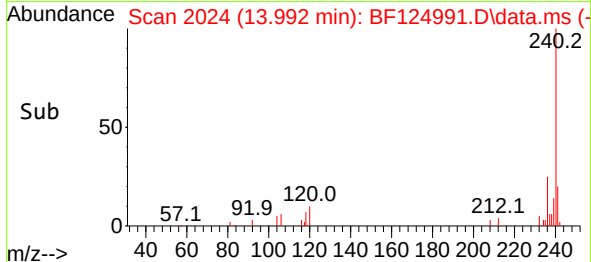
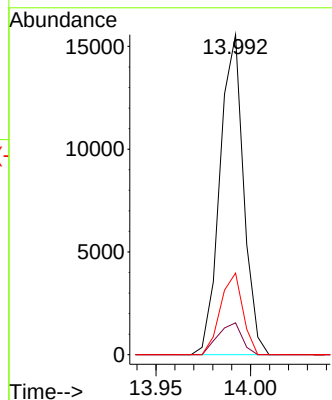
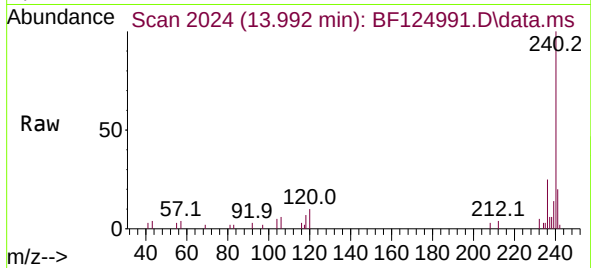




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

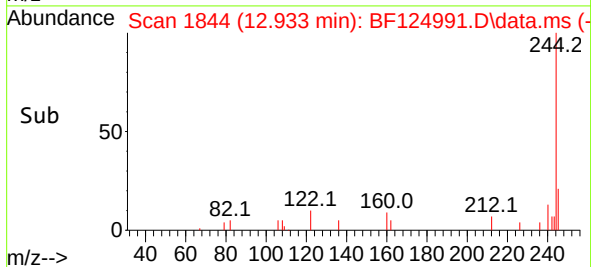
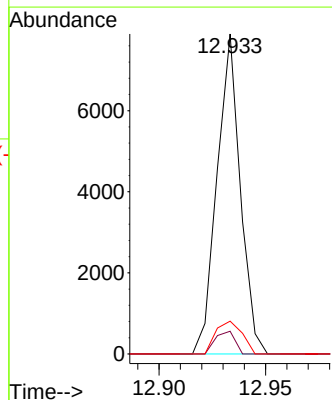
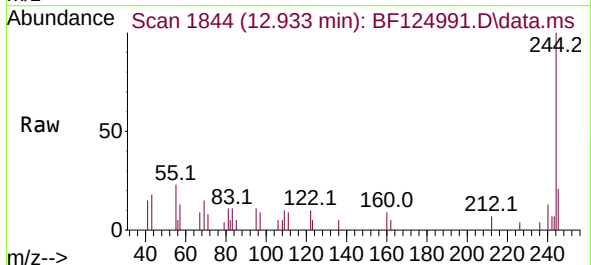
Instrument :
BNA_F
ClientSampleId :
25546

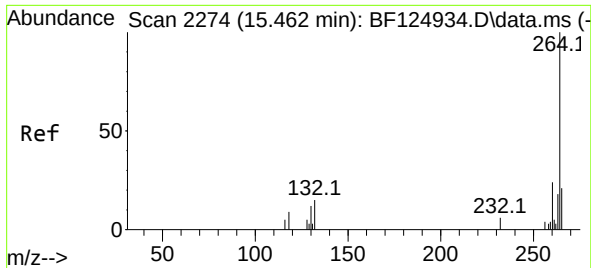
Tgt Ion:240 Resp: 13547
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 7.46 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124991.D
Acq: 8 Aug 2021 00:35

Tgt Ion:244 Resp: 5994
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF124991.D
 Acq: 8 Aug 2021 00:35

Instrument :
 BNA_F
 ClientSampleId :
 25546

Tgt Ion:	264	Resp:	9749
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.6	29.4
265	20.4	17.2	25.8

