

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124990.D
 Acq On : 8 Aug 2021 00:00
 Operator : JU/CG
 Sample : M3310-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-080521

Quant Time: Aug 08 09:12:03 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)

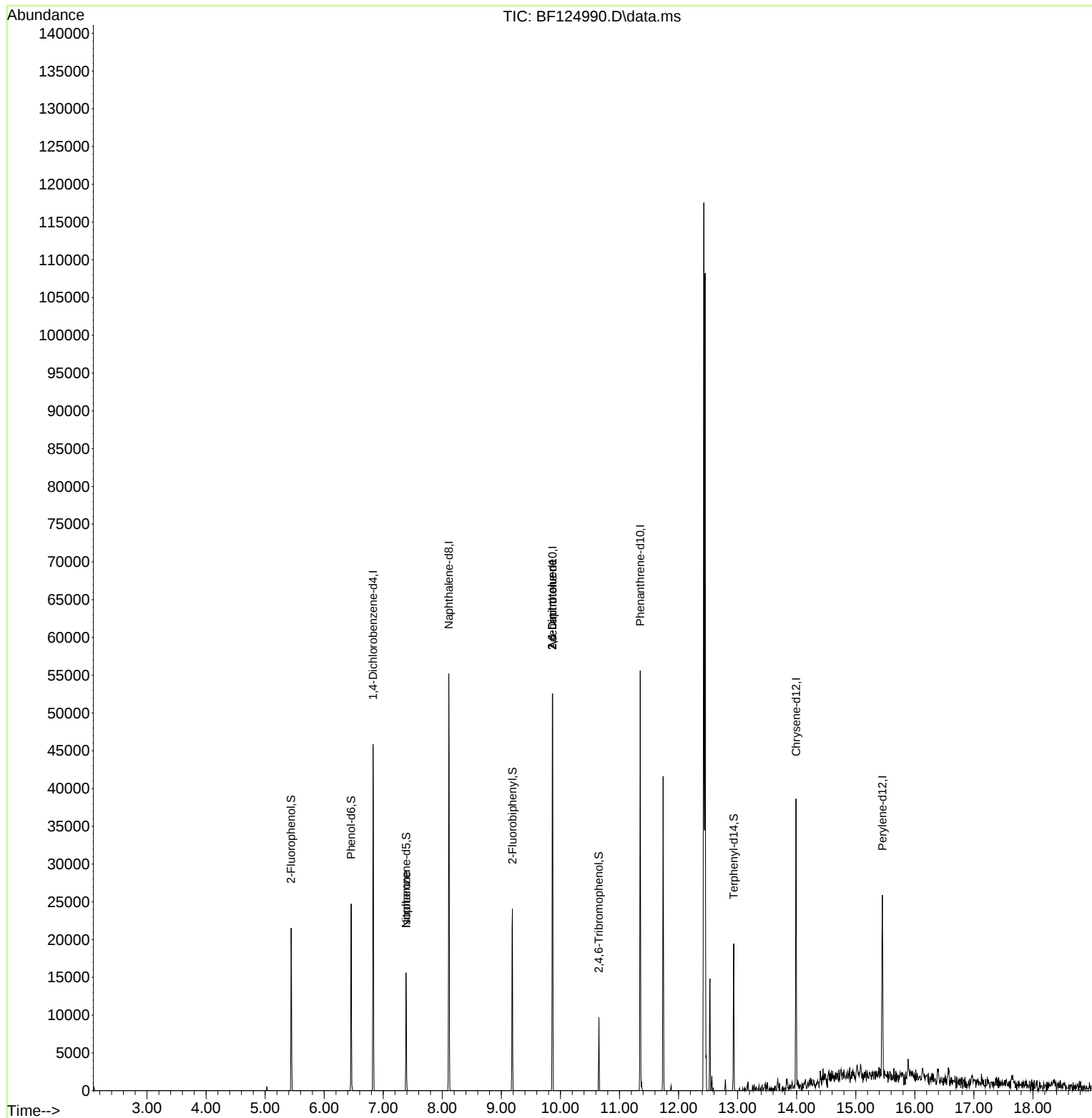
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6777	20.00	ng	# 0.00
21) Naphthalene-d8	8.110	136	23139	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	11951	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	18102	20.00	ng	0.00
76) Chrysene-d12	13.992	240	15175	20.00	ng	0.00
86) Perylene-d12	15.451	264	11763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	6056	14.64	ng	0.00
7) Phenol-d6	6.457	99	6767	12.97	ng	0.00
23) Nitrobenzene-d5	7.386	82	4491	10.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	1228	11.50	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	8355	10.23	ng	0.00
79) Terphenyl-d14	12.933	244	8057	8.96	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.386	82	4491	5.95	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1295	7.18	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1295	5.29	ng	# 18

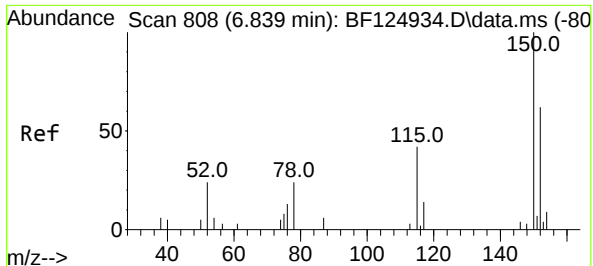
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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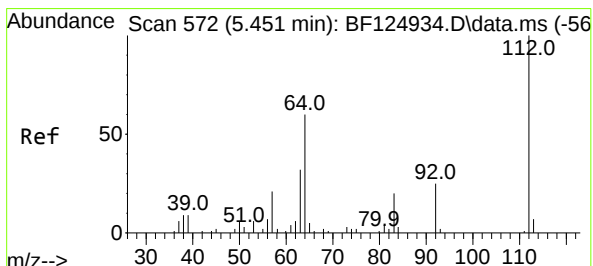
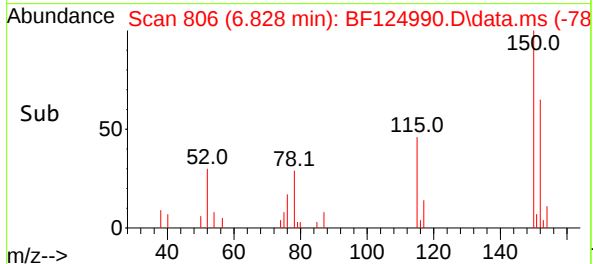
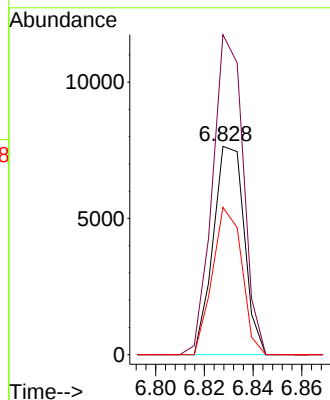
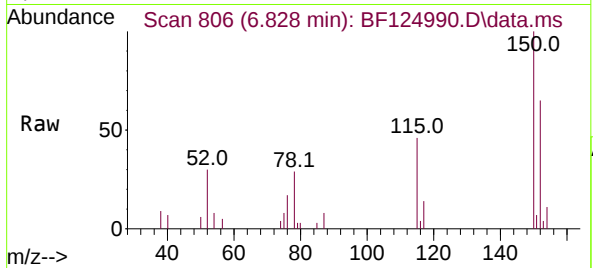




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

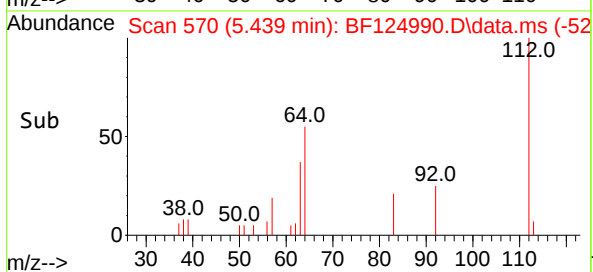
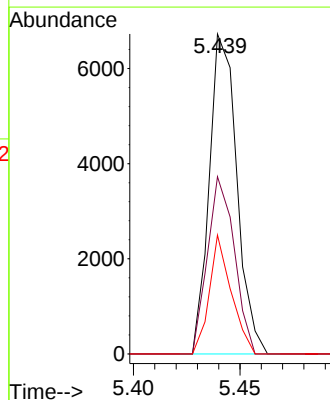
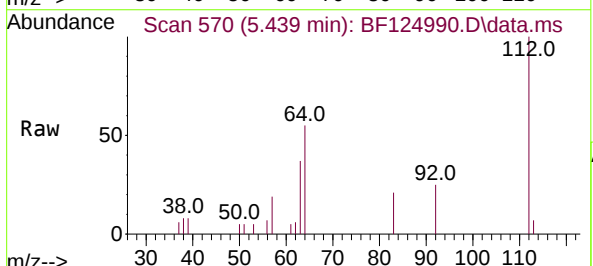
Instrument :
BNA_F
ClientSampleId :
NB-08-080521

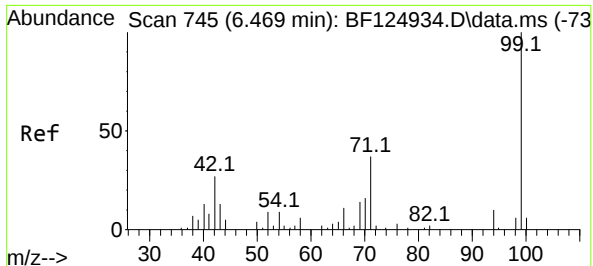
Tgt Ion:152 Resp: 6777
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 70.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 14.64 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion:112 Resp: 6056
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 37.2 26.2 39.2

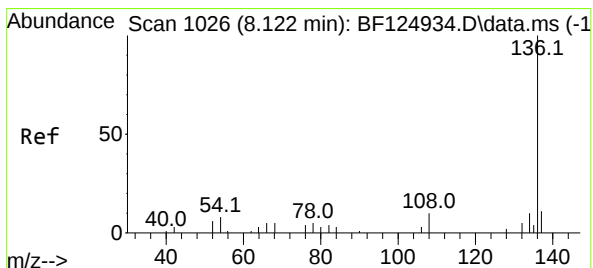
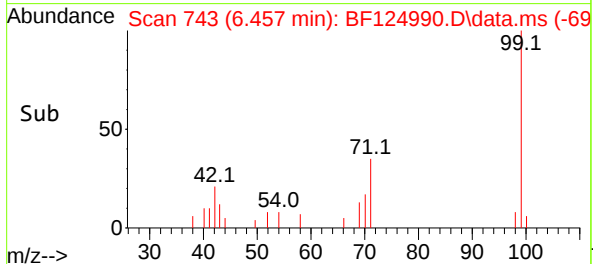
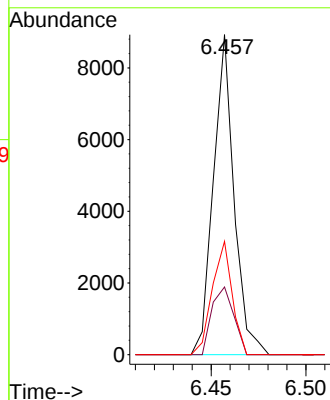
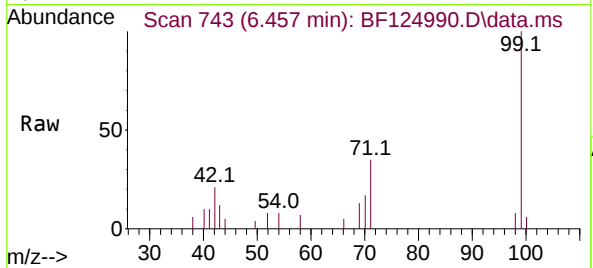




#7
Phenol-d6
Concen: 12.97 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

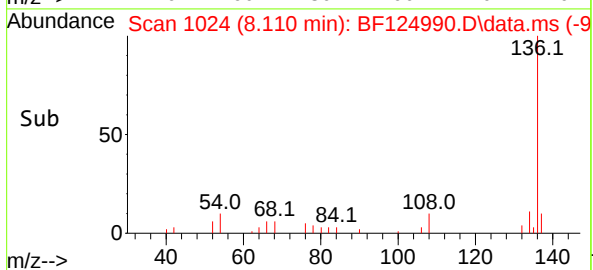
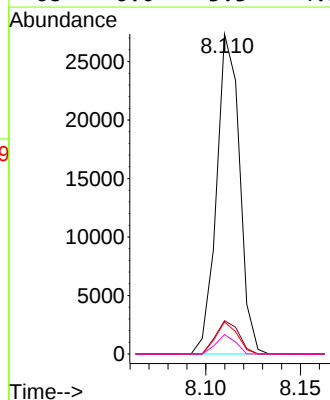
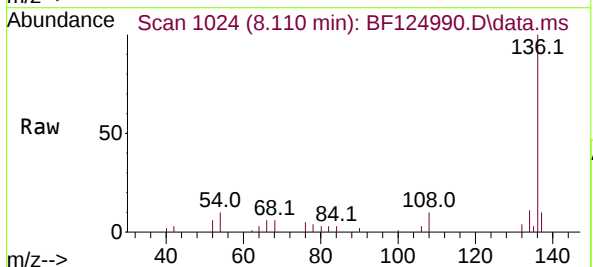
Instrument :
BNA_F
ClientSampleId :
NB-08-080521

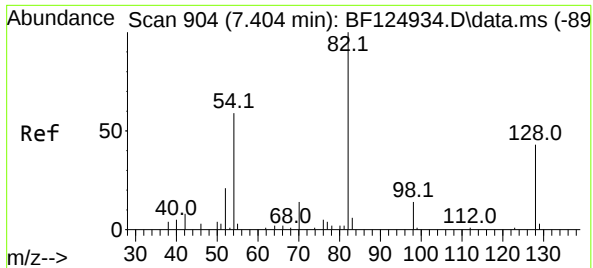
Tgt Ion: 99 Resp: 6767
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 35.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion: 136 Resp: 23139
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 10.0 6.4 9.6#
68 6.0 3.3 4.9#

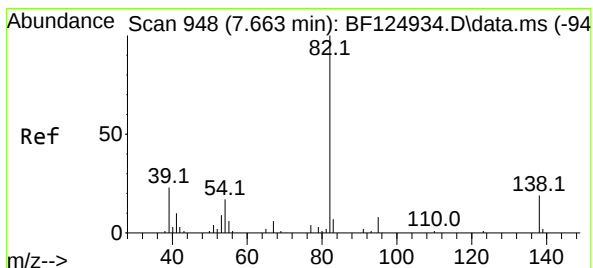
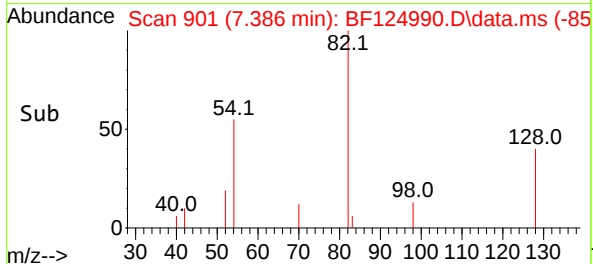
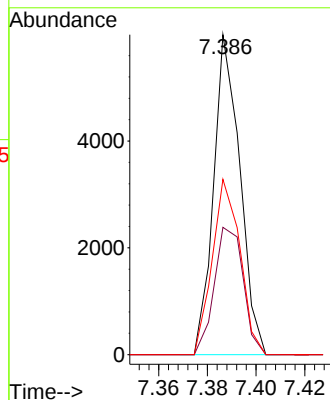
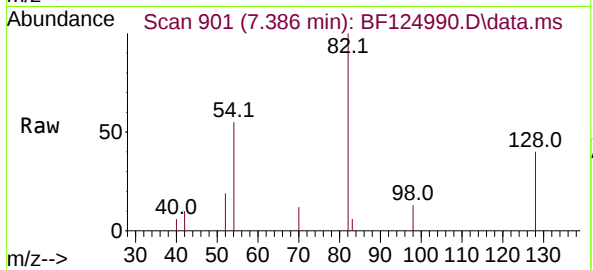




#23
Nitrobenzene-d5
Concen: 10.15 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

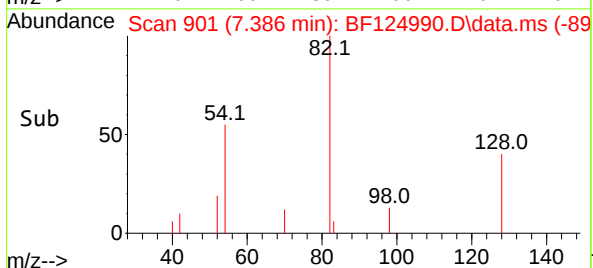
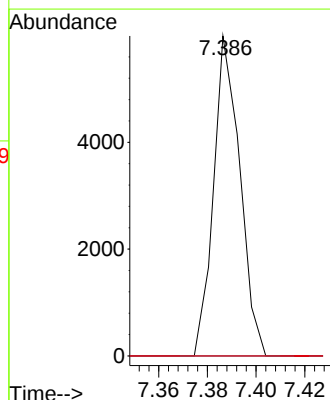
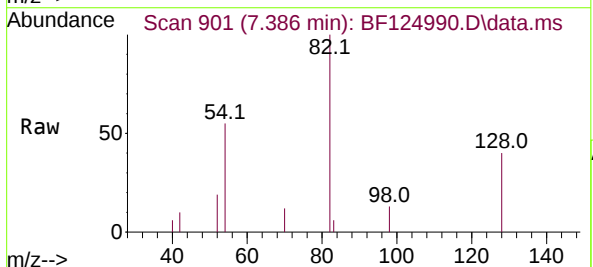
Instrument :
BNA_F
ClientSampleId :
NB-08-080521

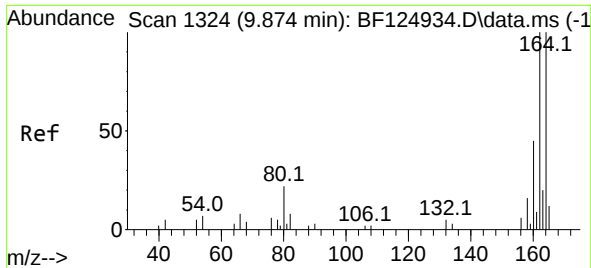
Tgt Ion: 82 Resp: 4491
Ion Ratio Lower Upper
82 100
128 39.8 40.6 60.8#
54 54.8 49.6 74.4



#25
Isophorone
Concen: 5.95 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion: 82 Resp: 4491
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

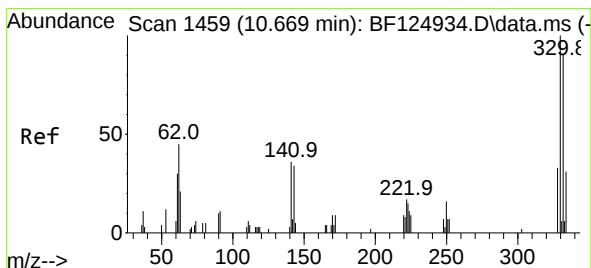
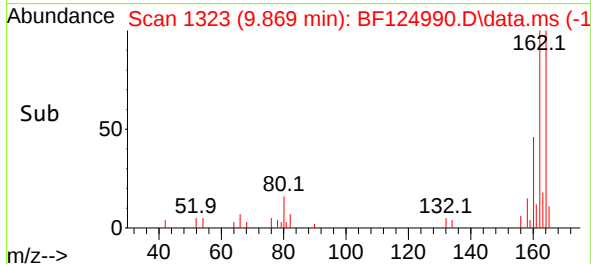
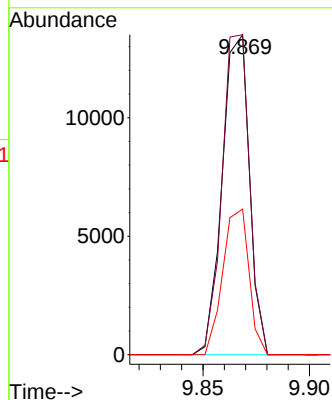
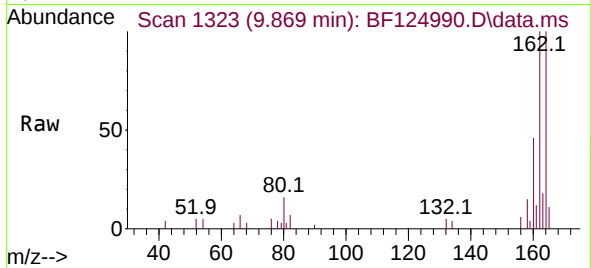




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

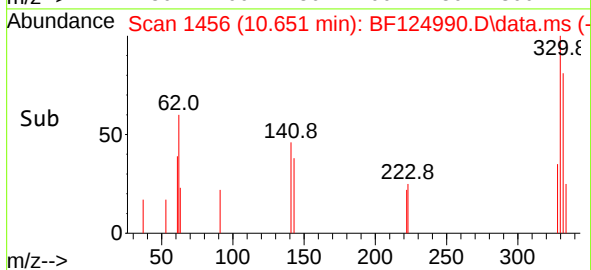
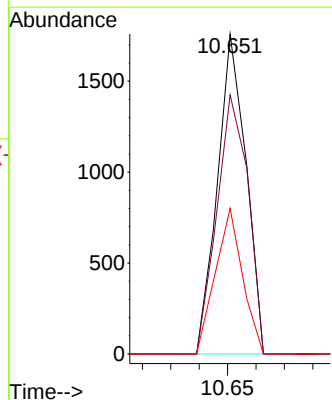
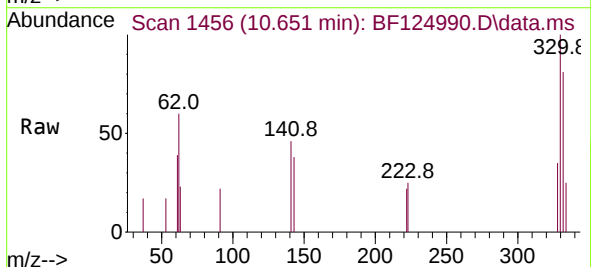
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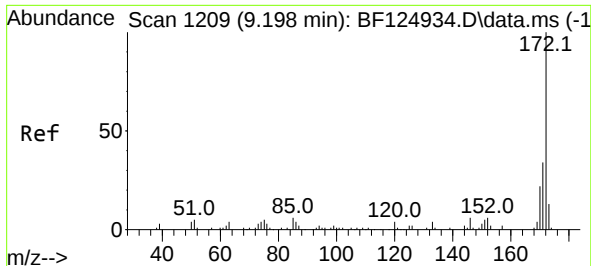
Tgt Ion:164 Resp: 11951
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 11.50 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion:330 Resp: 1228
Ion Ratio Lower Upper
330 100
332 88.1 76.2 114.4
141 43.2 44.6 66.8#

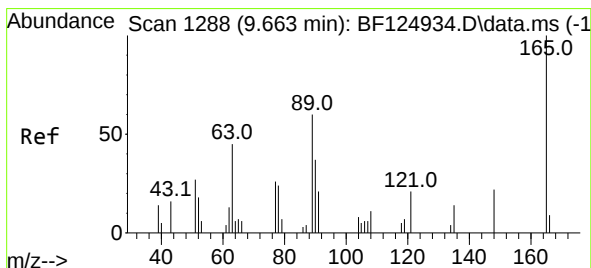
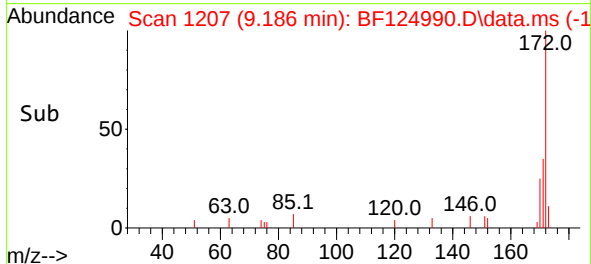
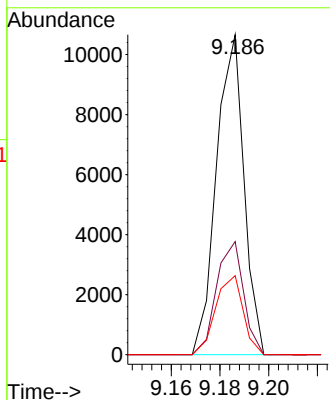
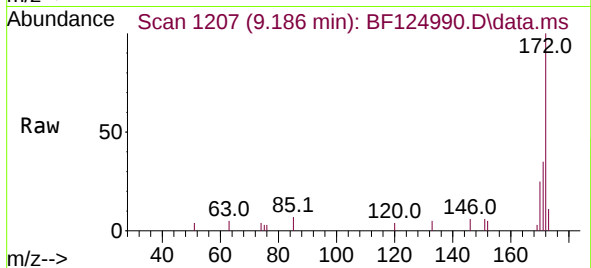




#45
2-Fluorobiphenyl
Concen: 10.23 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

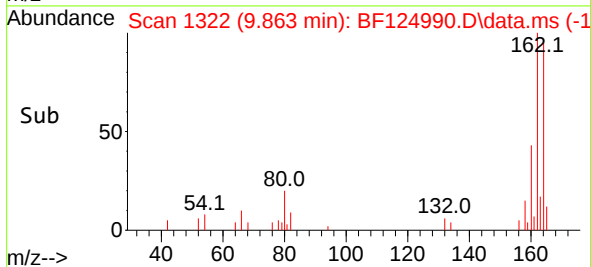
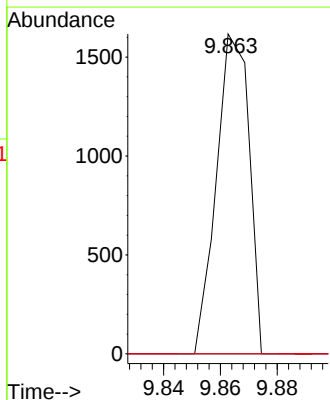
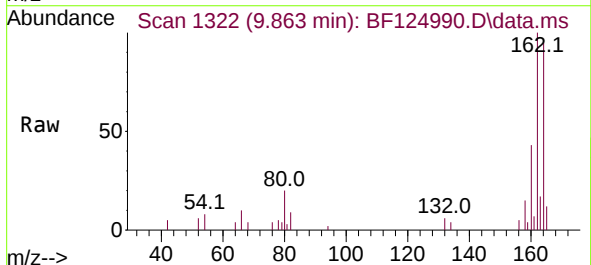
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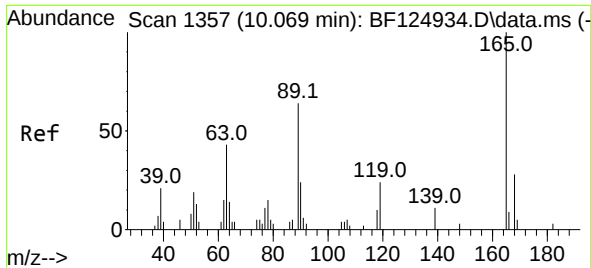
Tgt Ion:172 Resp: 8355
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

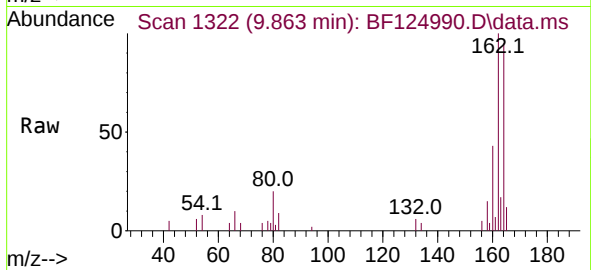
Tgt Ion:165 Resp: 1295
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



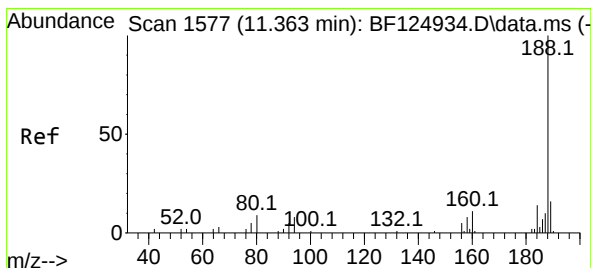
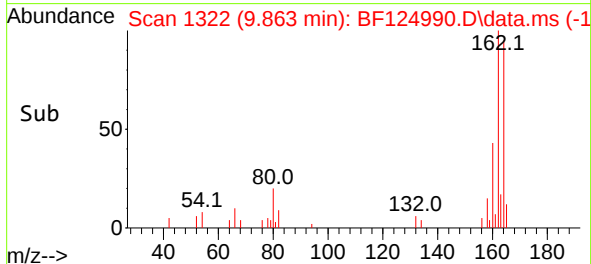
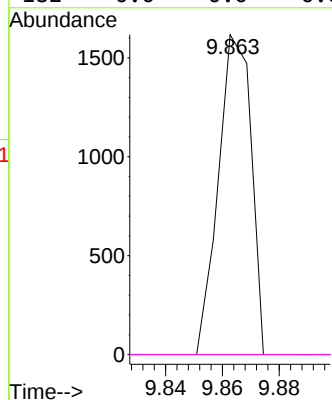


#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Instrument :
BNA_F
ClientSampleId :
NB-08-080521

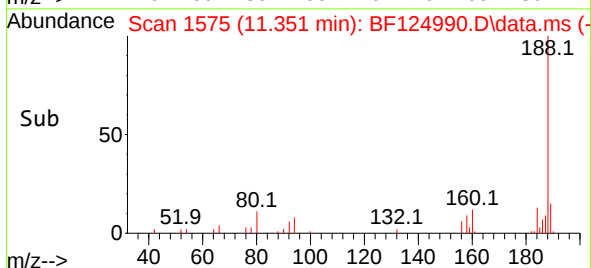
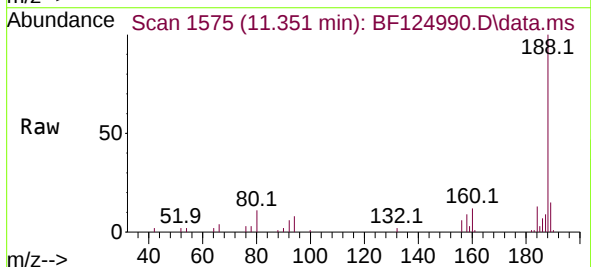
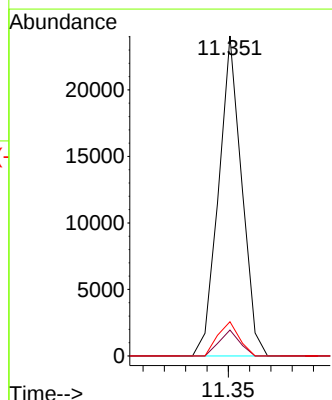


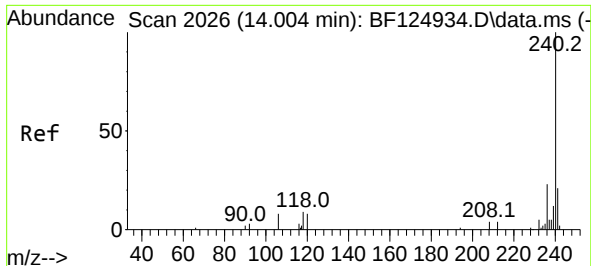
Tgt Ion:165 Resp: 1295
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion:188 Resp: 18102
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 10.7 7.5 11.3

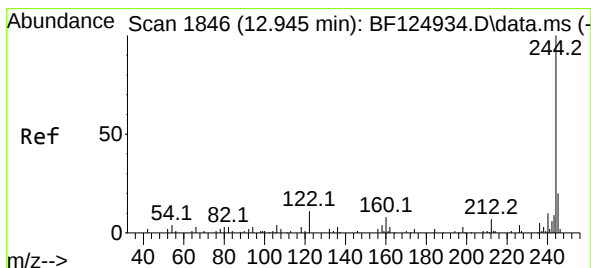
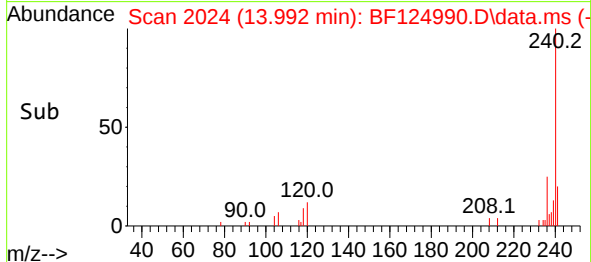
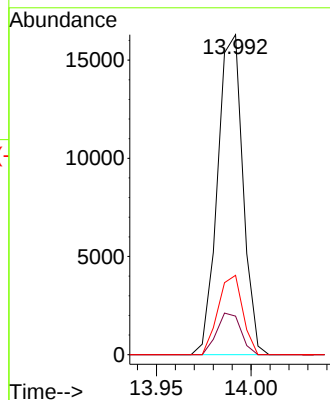
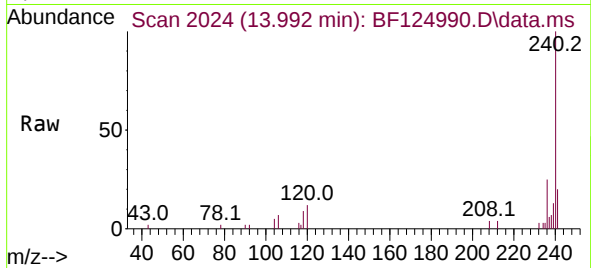




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

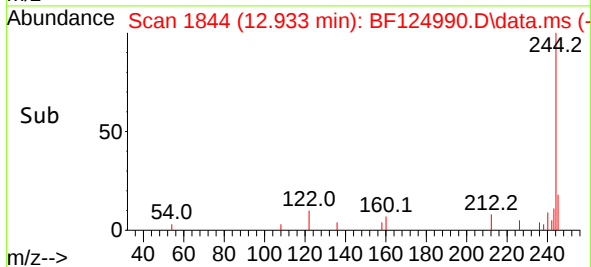
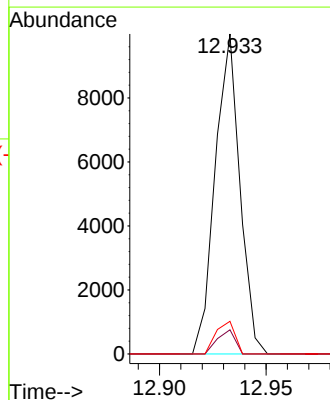
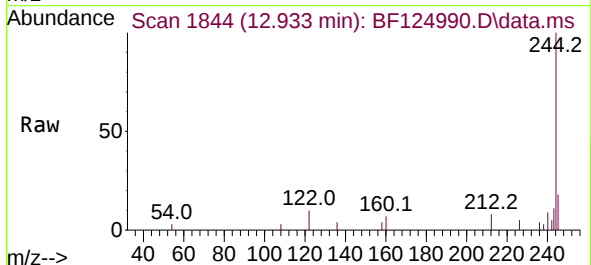
Instrument :
BNA_F
ClientSampleId :
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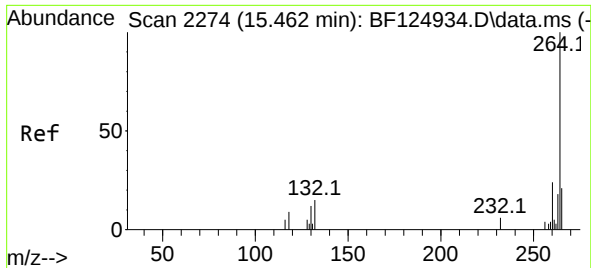
Tgt Ion:240 Resp: 15175
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 8.96 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124990.D
Acq: 8 Aug 2021 00:00

Tgt Ion:244 Resp: 8057
Ion Ratio Lower Upper
244 100
212 7.5 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: BF124990.D
 Acq: 8 Aug 2021 00:00

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-080521

Tgt Ion:264	Resp:	11763
Ion Ratio	Lower	Upper
264	100	
260	20.7	19.6 29.4
265	21.2	17.2 25.8

