

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124654.D
 Acq On : 21 Jul 2021 5:52
 Operator : JU/CG
 Sample : M3031-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-071421

Quant Time: Jul 21 06:46:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

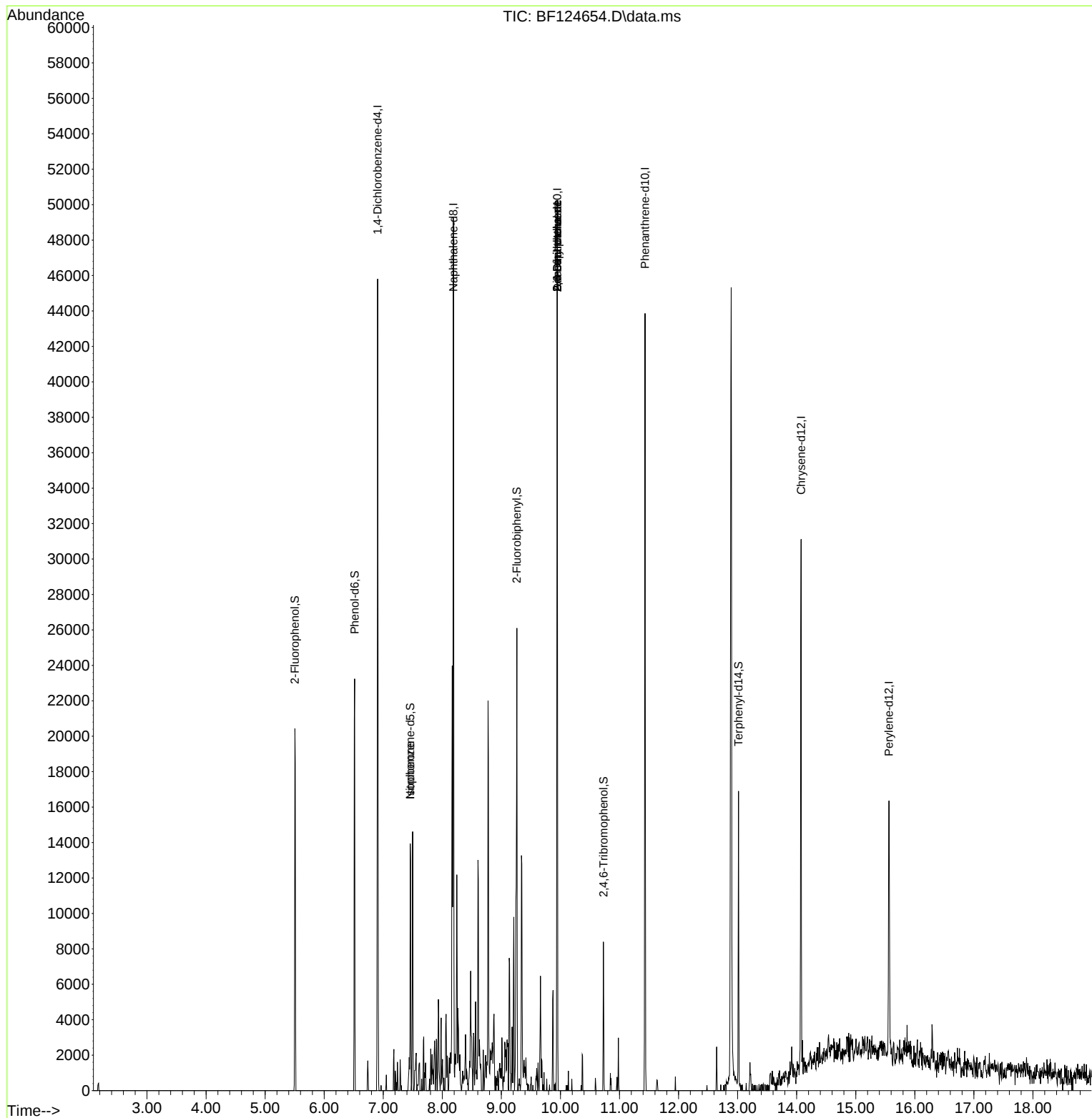
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6992	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	21688	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	9446	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	15230	20.00	ng	-0.01
76) Chrysene-d12	14.074	240	10733	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	7424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	6096	15.11	ng	-0.03
7) Phenol-d6	6.516	99	7061	14.38	ng	-0.03
23) Nitrobenzene-d5	7.457	82	4022	11.71	ng	-0.03
42) 2,4,6-Tribromophenol	10.727	330	1043	14.19	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	7276	11.23	ng	-0.02
79) Terphenyl-d14	13.015	244	6433	10.06	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.457	82	4022	6.38	ng	# 59
50) Dimethylphthalate	9.945	163	1641	2.50	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1286	9.93	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1286	7.25	ng	# 18

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

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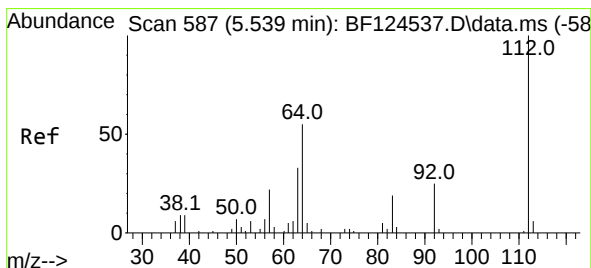
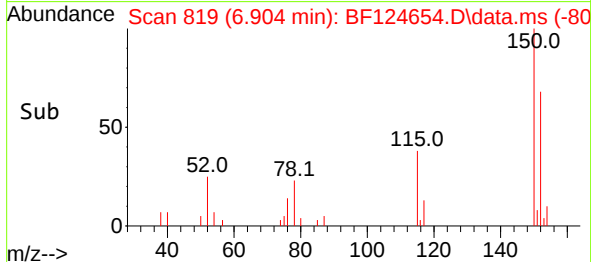
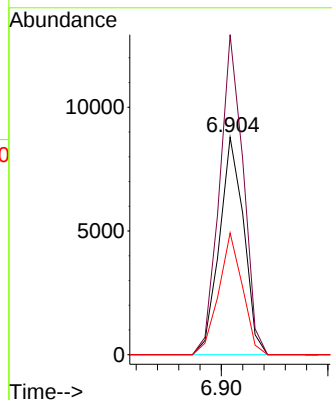
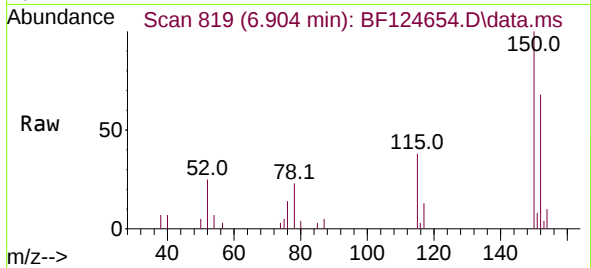




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

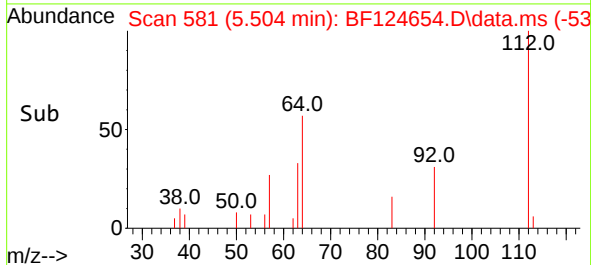
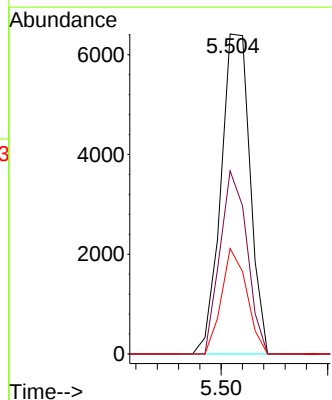
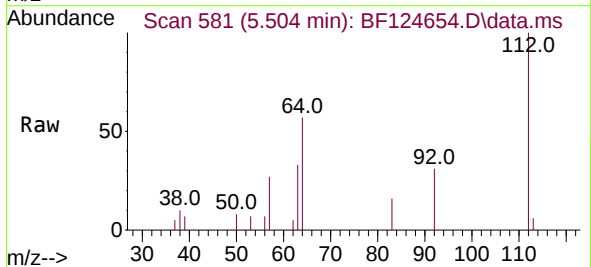
Instrument :
BNA_F
ClientSampleId :
HR-03-071421

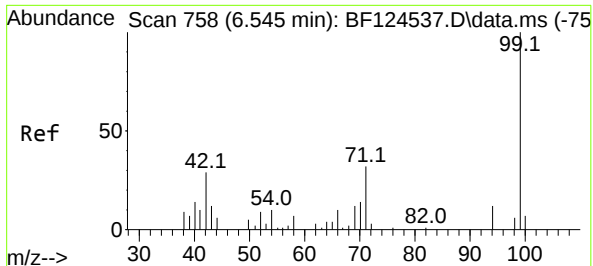
Tgt Ion:152 Resp: 6992
Ion Ratio Lower Upper
152 100
150 147.2 117.6 176.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 15.11 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.029 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

Tgt Ion:112 Resp: 6096
Ion Ratio Lower Upper
112 100
64 57.2 44.2 66.2
63 32.9 26.2 39.2

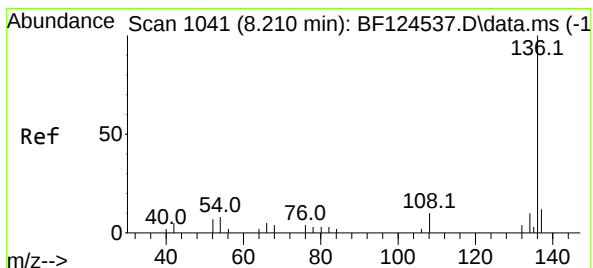
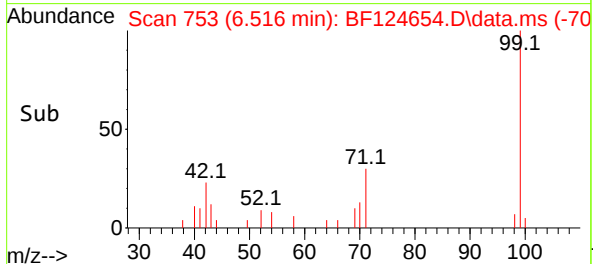
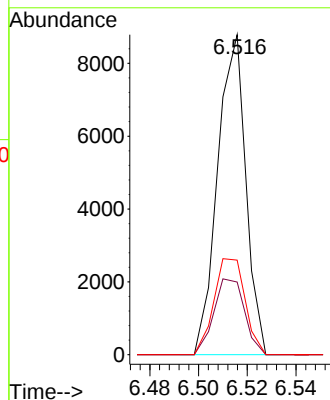
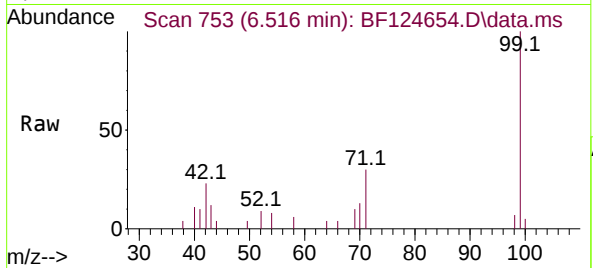




#7
Phenol-d6
Concen: 14.38 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

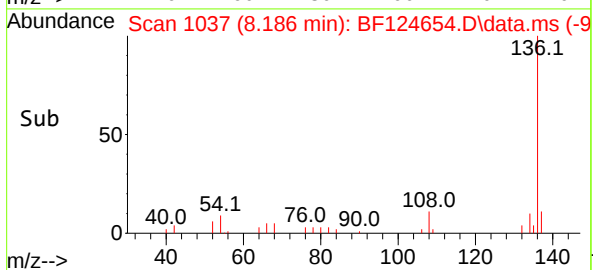
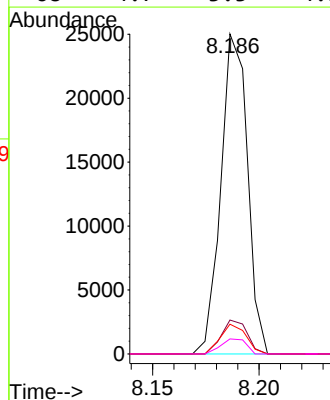
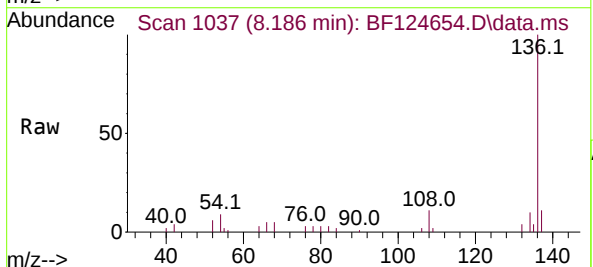
Instrument :
BNA_F
ClientSampleId :
HR-03-071421

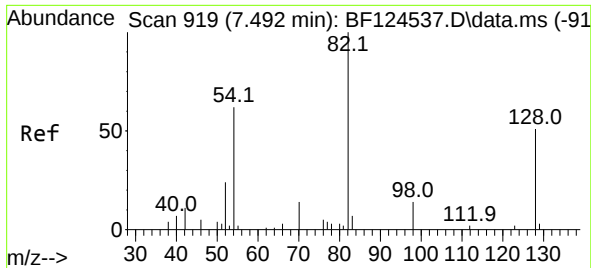
Tgt Ion: 99 Resp: 7061
Ion Ratio Lower Upper
99 100
42 22.7 23.5 35.3#
71 29.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

Tgt Ion: 136 Resp: 21688
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.3 6.4 9.6
68 4.7 3.3 4.9





#23

Nitrobenzene-d5

Concen: 11.71 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.029 min

Lab File: BF124654.D

Acq: 21 Jul 2021 5:52

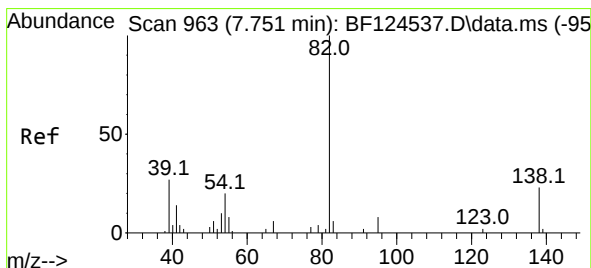
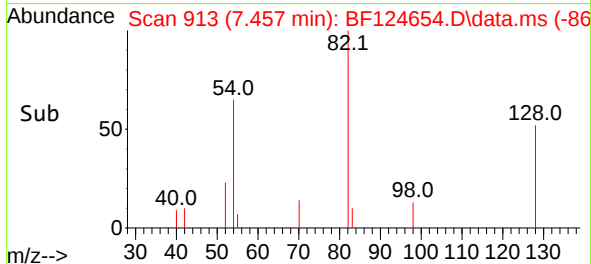
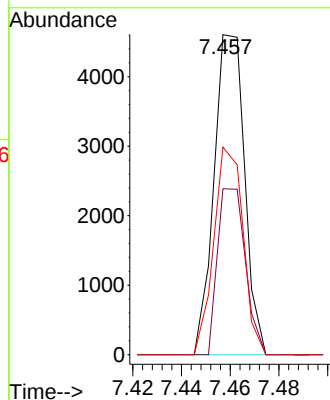
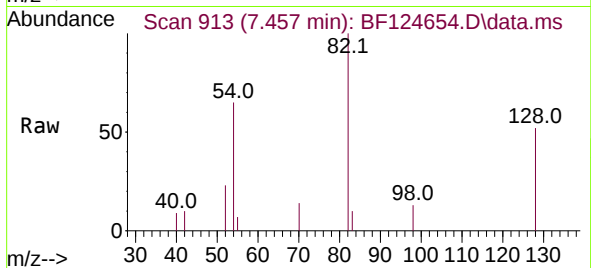
Tgt Ion: 82 Resp: 4022

Ion Ratio Lower Upper

82 100

128 51.9 40.6 60.8

54 64.9 49.6 74.4



#25

Isophorone

Concen: 6.38 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.288 min

Lab File: BF124654.D

Acq: 21 Jul 2021 5:52

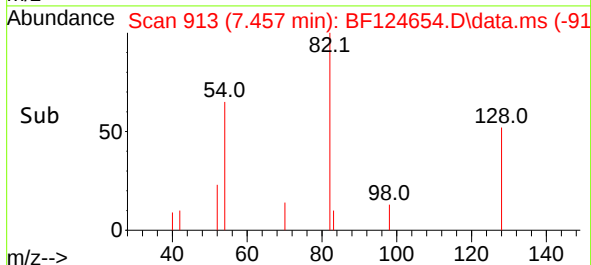
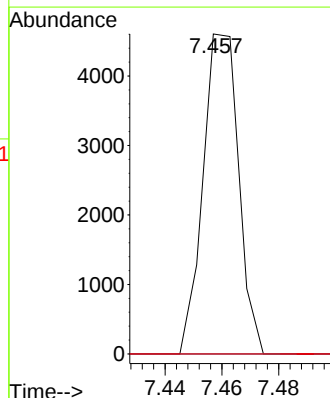
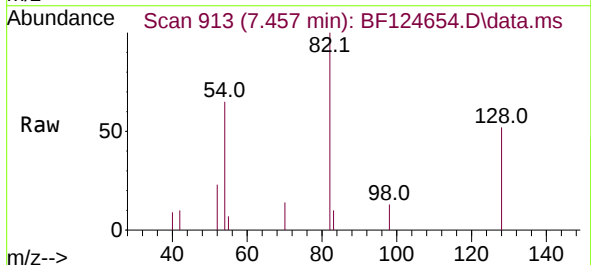
Tgt Ion: 82 Resp: 4022

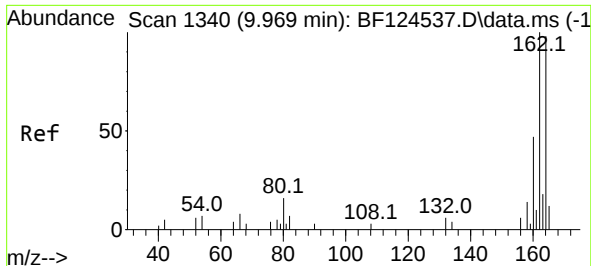
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF124654.D

Acq: 21 Jul 2021 5:52

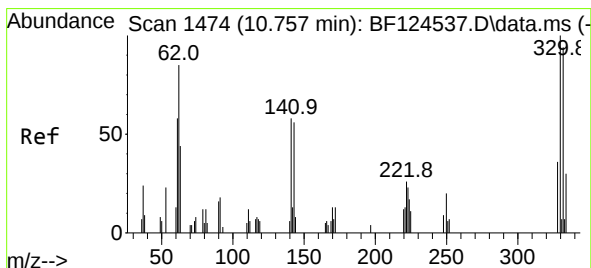
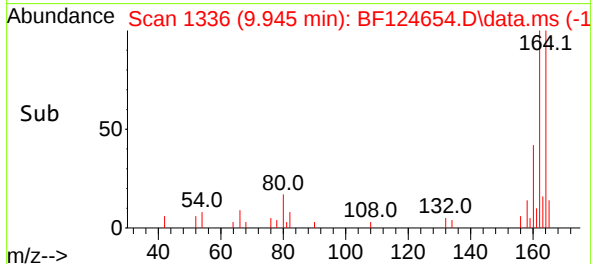
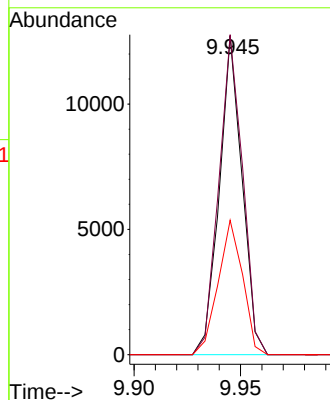
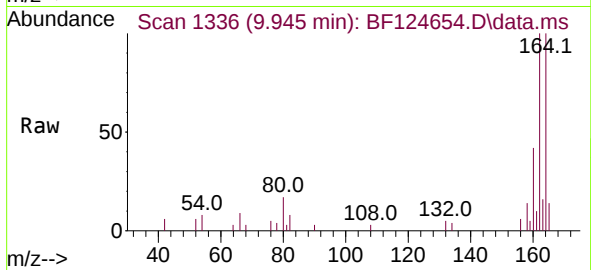
Tgt Ion:164 Resp: 9446

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 42.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 14.19 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.024 min

Lab File: BF124654.D

Acq: 21 Jul 2021 5:52

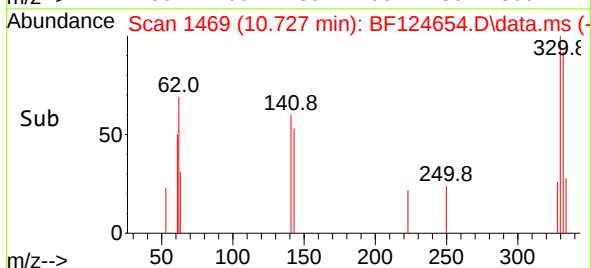
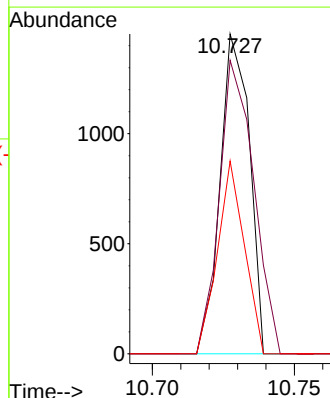
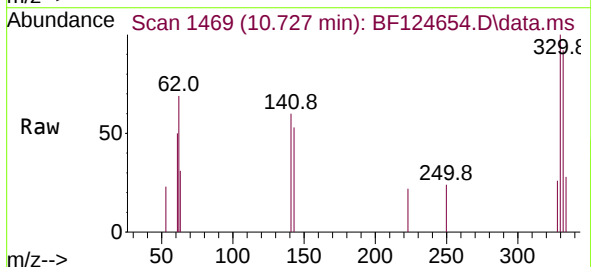
Tgt Ion:330 Resp: 1043

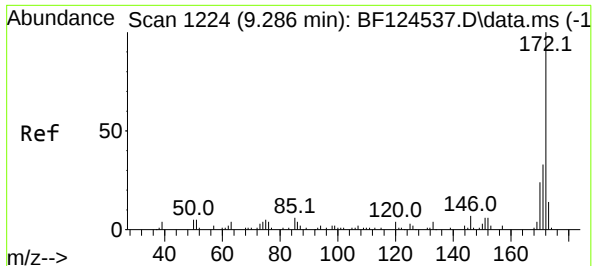
Ion Ratio Lower Upper

330 100

332 107.7 76.2 114.4

141 55.4 44.6 66.8

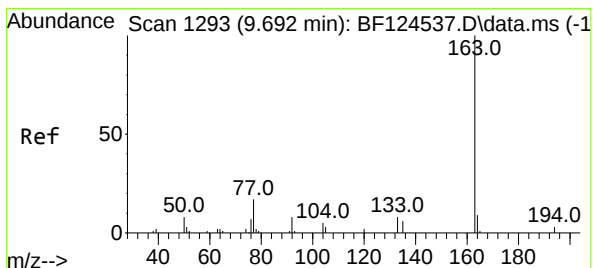
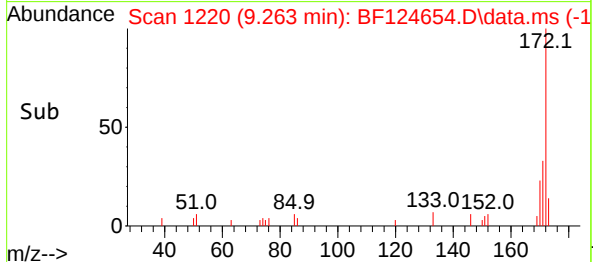
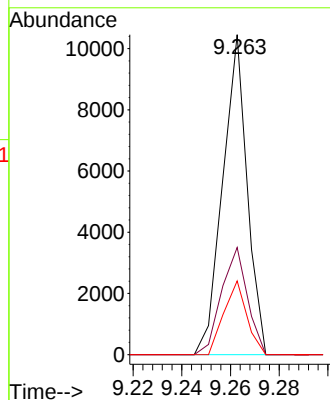
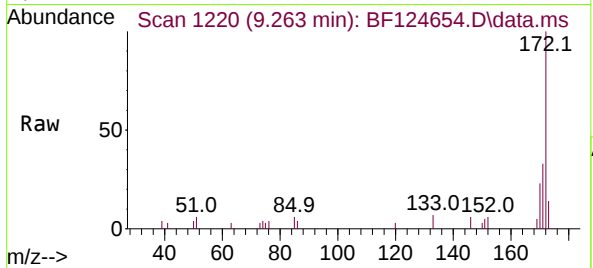




#45
2-Fluorobiphenyl
Concen: 11.23 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

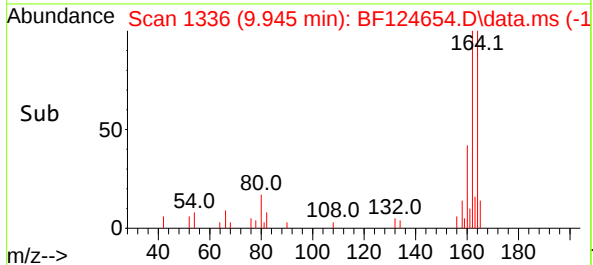
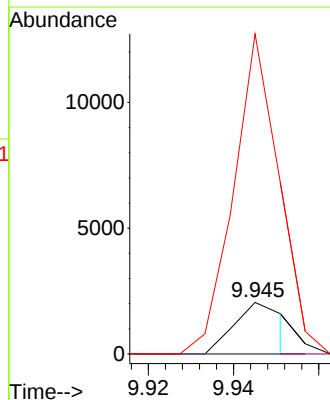
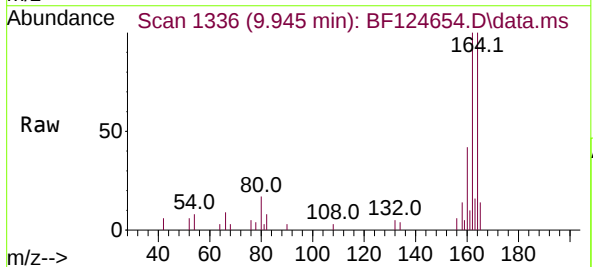
Instrument :
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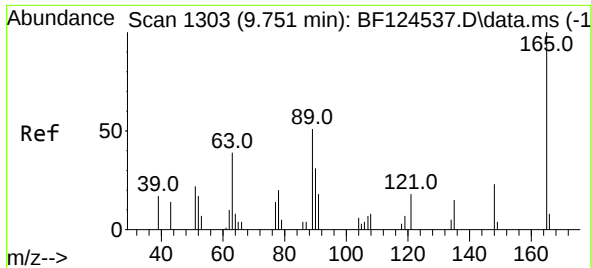
Tgt Ion:172	Resp:	7276
Ion Ratio	Lower	Upper
172	100	
171	33.5	26.5 39.7
170	23.1	18.8 28.2



#50
Dimethylphthalate
Concen: 2.50 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

Tgt Ion:163	Resp:	1641
Ion Ratio	Lower	Upper
163	100	
194	0.0	2.6 3.8#
164	620.7	7.4 11.0#

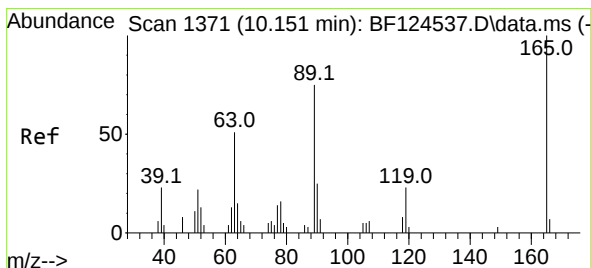
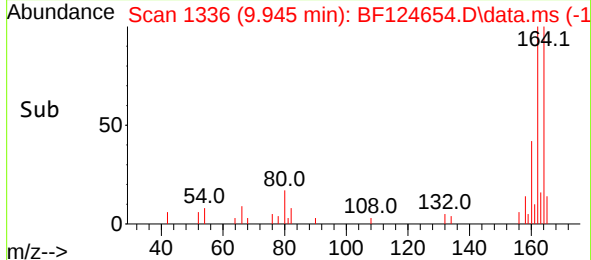
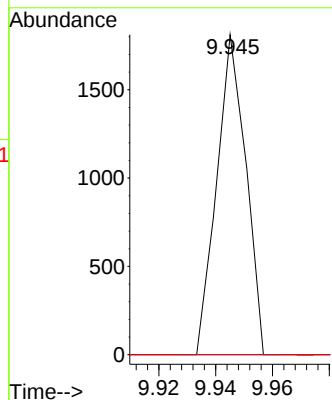
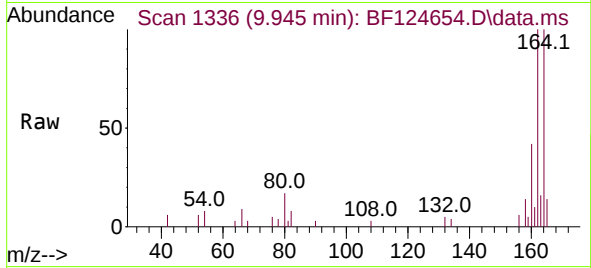




#51
2,6-Dinitrotoluene
Concen: 9.93 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

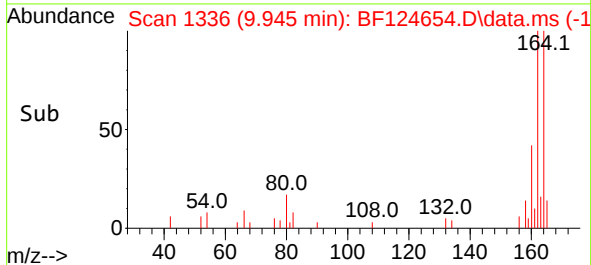
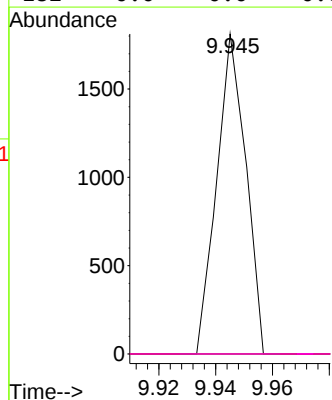
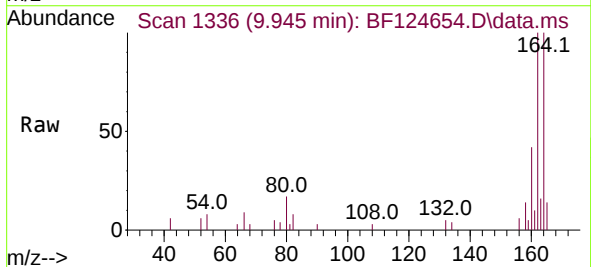
Instrument :
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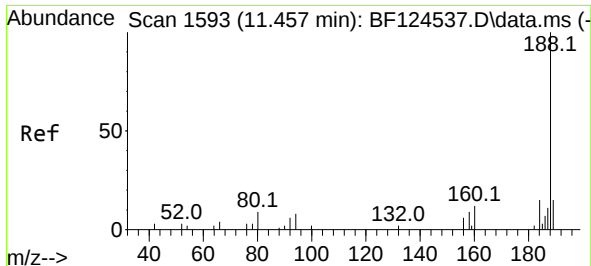
Tgt Ion:165 Resp: 1286
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.25 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

Tgt Ion:165 Resp: 1286
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

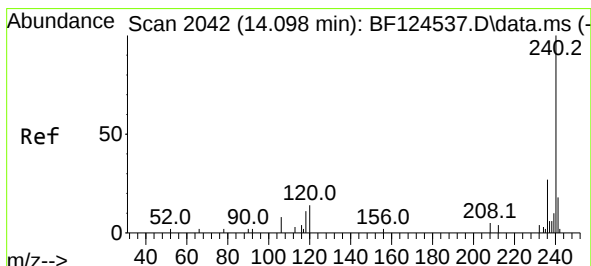
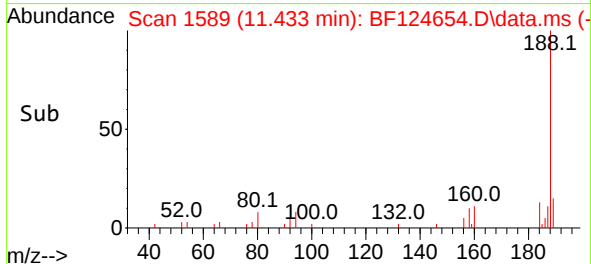
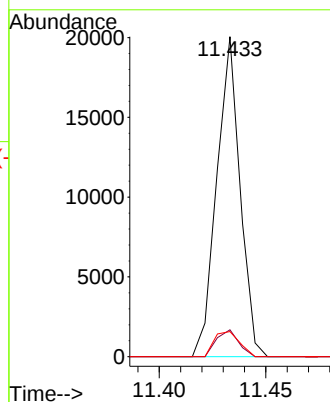
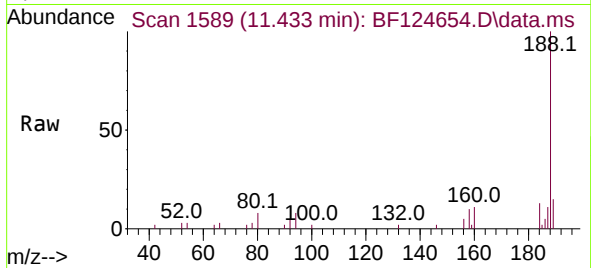




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

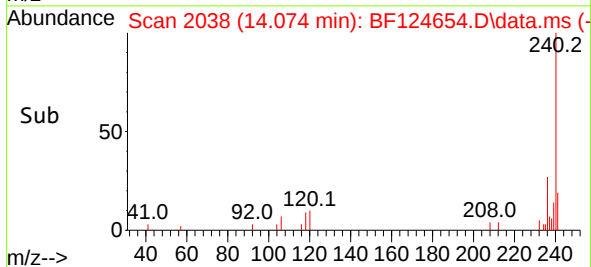
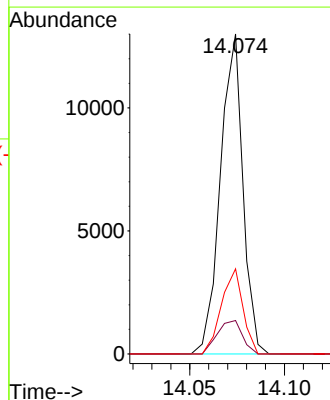
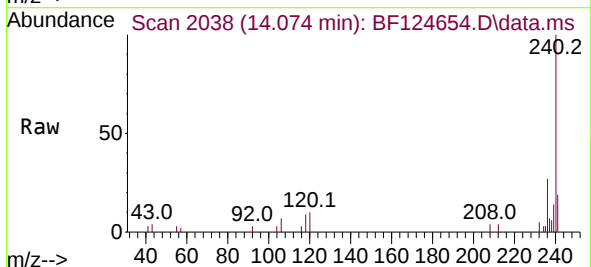
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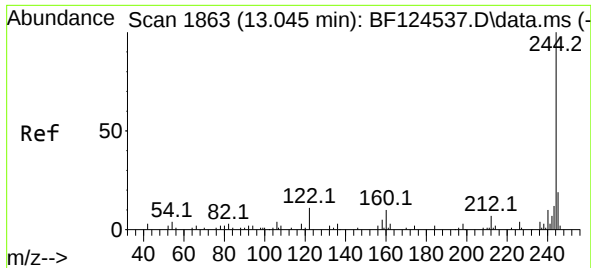
Tgt Ion:188 Resp: 15230
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 7.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124654.D
Acq: 21 Jul 2021 5:52

Tgt Ion:240 Resp: 10733
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 26.6 21.6 32.4

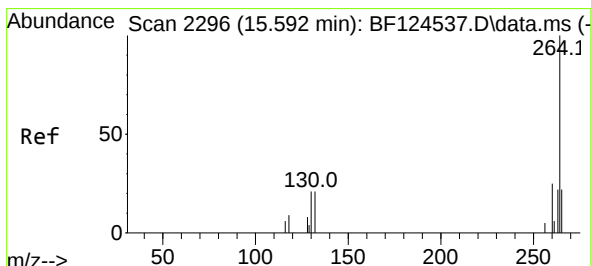
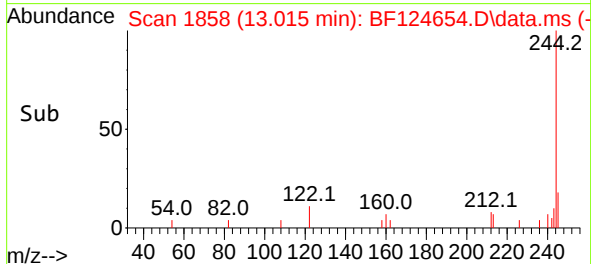
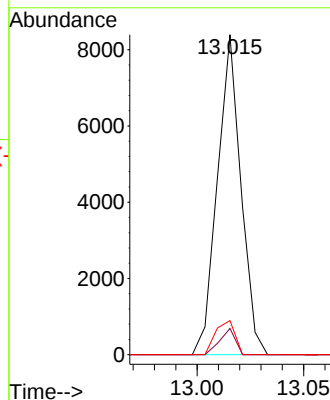
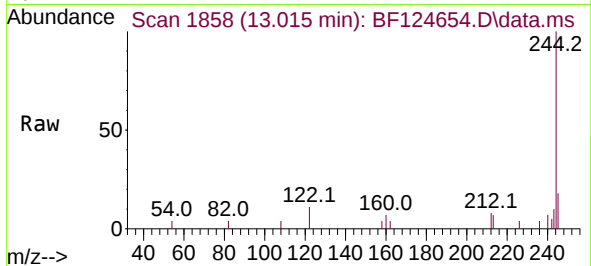




#79
 Terphenyl-d14
 Concen: 10.06 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. -0.018 min
 Lab File: BF124654.D
 Acq: 21 Jul 2021 5:52

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-071421

Tgt Ion:244	Resp:	6433
Ion Ratio	Lower	Upper
244	100	
212	8.2	5.9 8.9
122	10.7	9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124654.D
 Acq: 21 Jul 2021 5:52

Tgt Ion:264	Resp:	7424
Ion Ratio	Lower	Upper
264	100	
260	28.4	19.6 29.4
265	25.7	17.2 25.8

