

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124646.D
 Acq On : 21 Jul 2021 1:26
 Operator : JU/CG
 Sample : M3088-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-(A-D)-(0-4.5)

Quant Time: Jul 21 03:14:30 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)

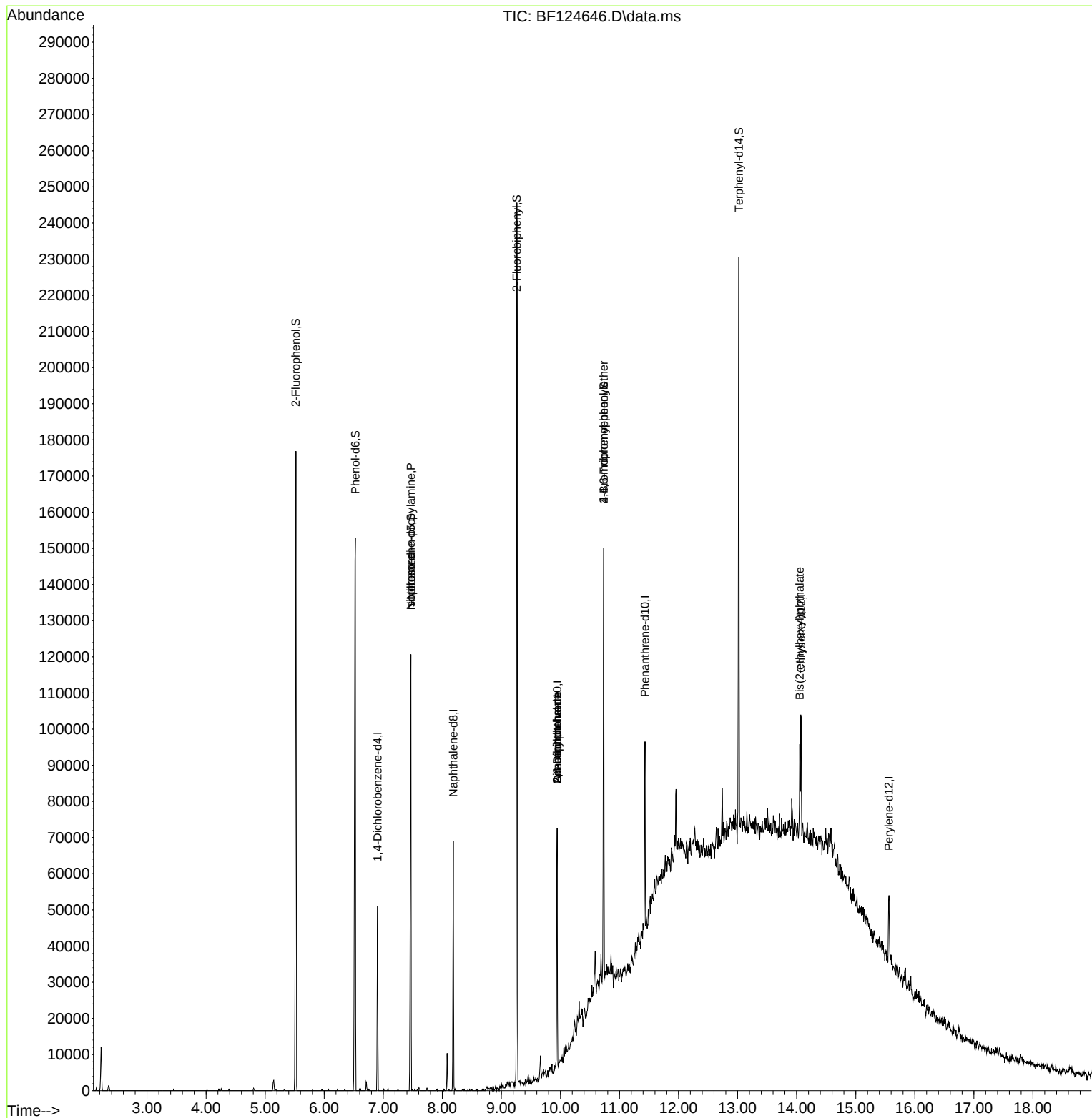
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7055	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	27334	20.00	ng	#-0.02
39) Acenaphthene-d10	9.945	164	13289	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	17509	20.00	ng	-0.01
76) Chrysene-d12	14.074	240	11797	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	9138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	50159	123.18	ng	-0.01
7) Phenol-d6	6.528	99	59063	119.23	ng	-0.02
23) Nitrobenzene-d5	7.469	82	36853	85.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10141	98.06	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	75362	82.70	ng	-0.02
79) Terphenyl-d14	13.021	244	45470	64.72	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	4805	17.25	ng	# 72
25) Isophorone	7.469	82	36853	46.36	ng	# 59
50) Dimethylphthalate	9.945	163	2413	2.61	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1734	9.51	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1734	6.95	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	808	4.46	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.051	149	6032	9.48	ng	# 91

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

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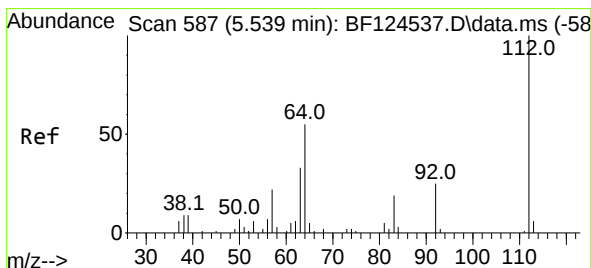
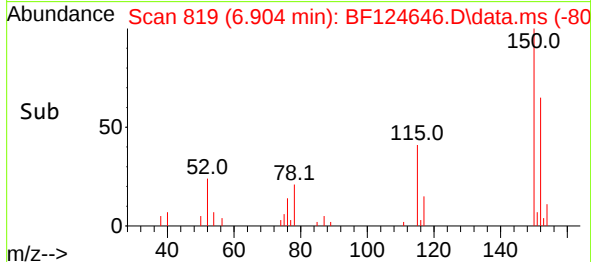
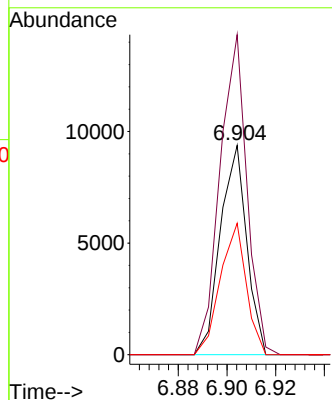
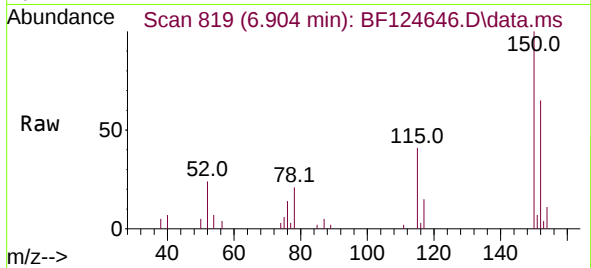




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

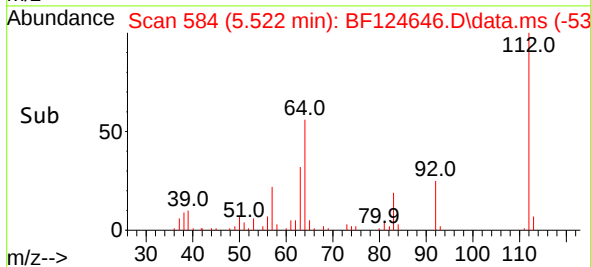
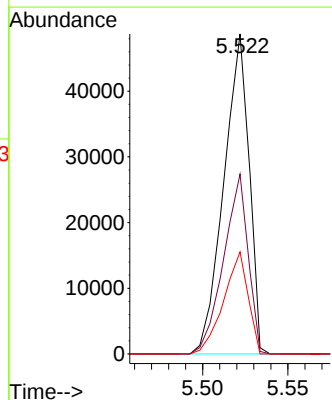
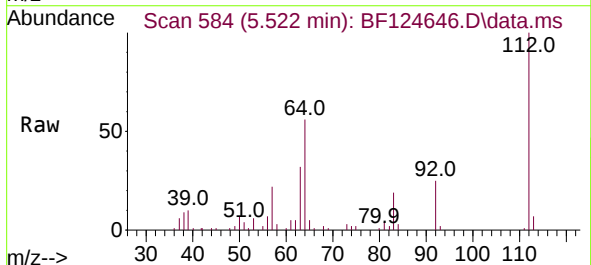
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

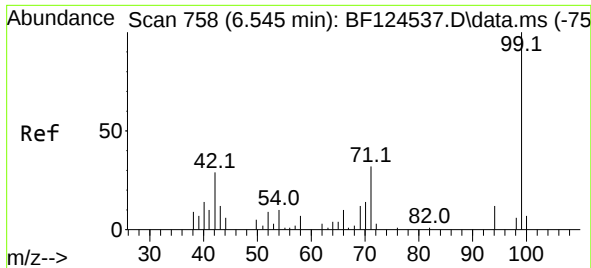
Tgt Ion:152 Resp: 7055
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 62.8 47.1 70.7



#5
2-Fluorophenol
Concen: 123.18 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:112 Resp: 50159
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 31.9 26.2 39.2

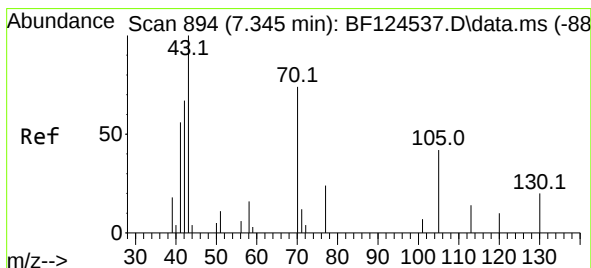
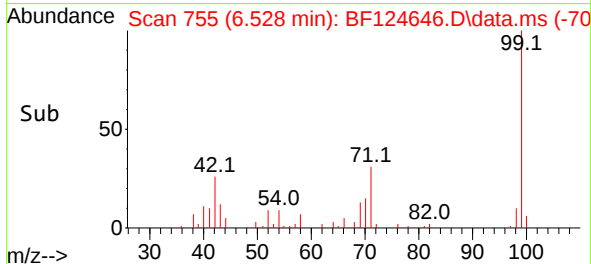
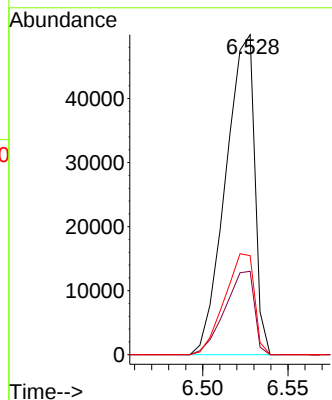
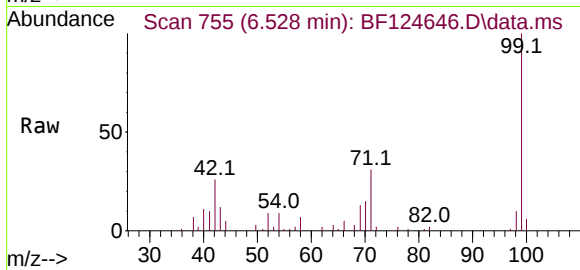




#7
Phenol-d6
Concen: 119.23 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.018 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

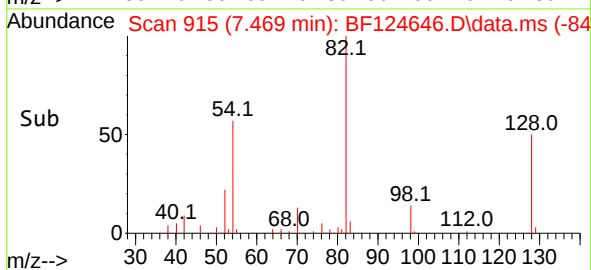
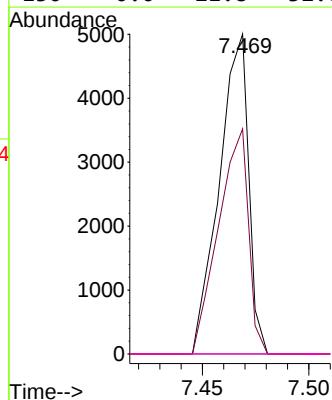
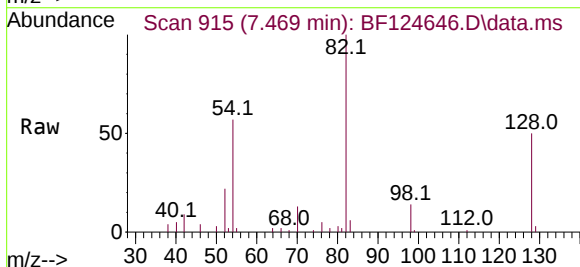
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

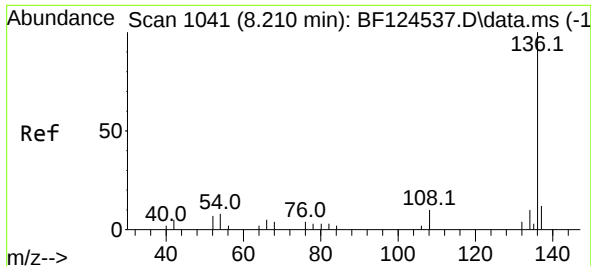
Tgt Ion:	99	Resp:	59063
Ion	Ratio	Lower	Upper
99	100		
42	26.1	23.5	35.3
71	30.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.135 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:	70	Resp:	4805
Ion	Ratio	Lower	Upper
70	100		
42	70.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

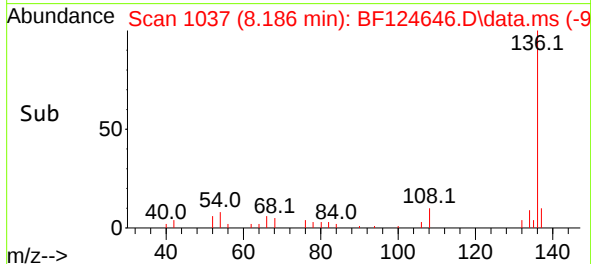
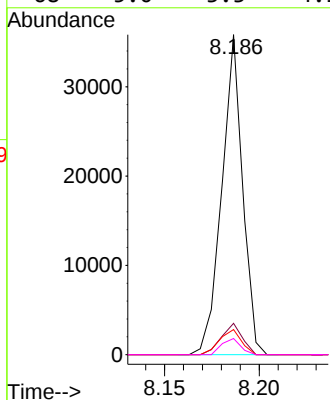
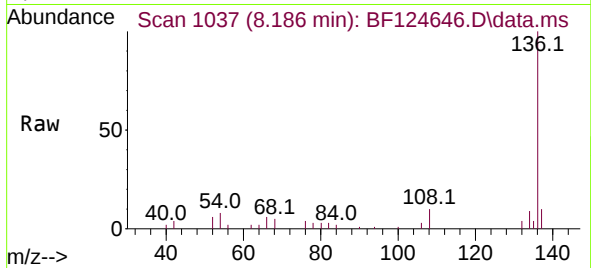




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

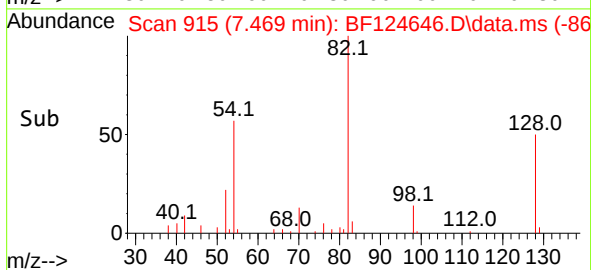
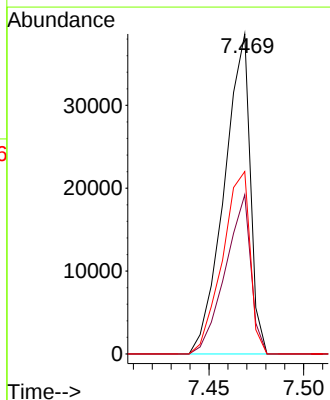
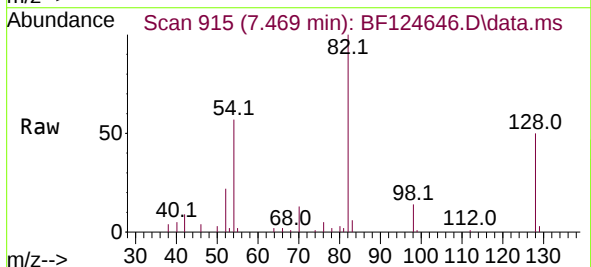
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

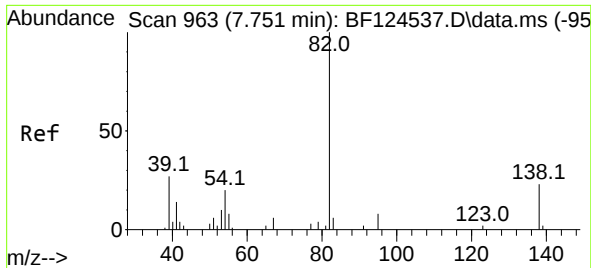
Tgt Ion:136	Resp:	27334
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.8 14.6
54	7.9	6.4 9.6
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.11 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.018 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion: 82	Resp:	36853
Ion Ratio	Lower	Upper
82	100	
128	49.7	40.6 60.8
54	57.0	49.6 74.4

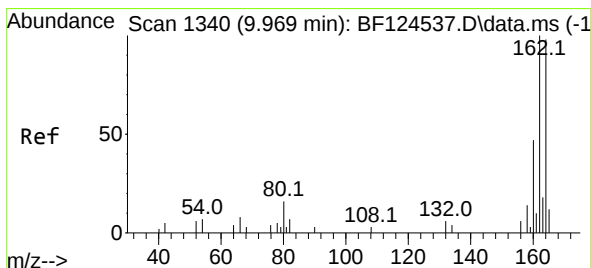
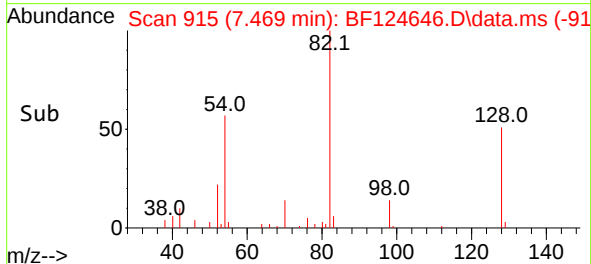
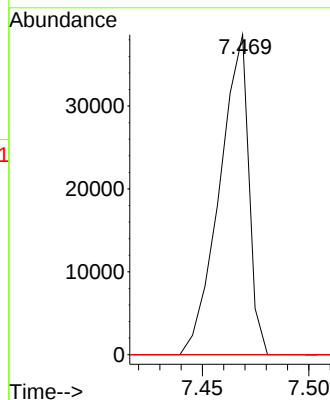
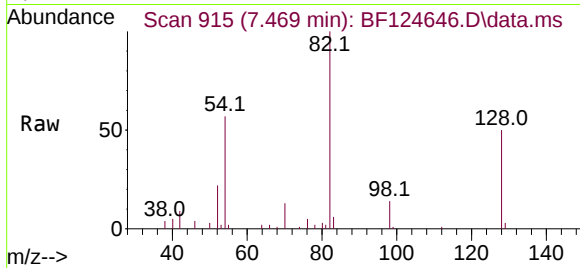




#25
Isophorone
Concen: 46.36 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.276 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

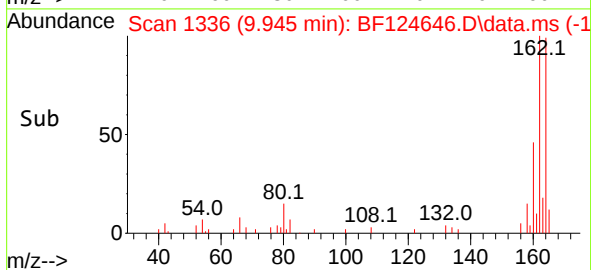
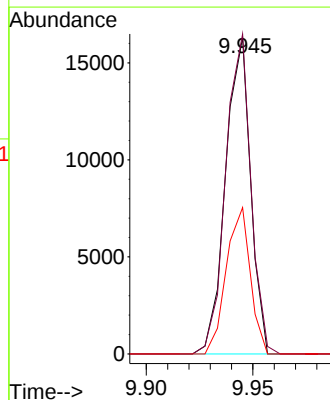
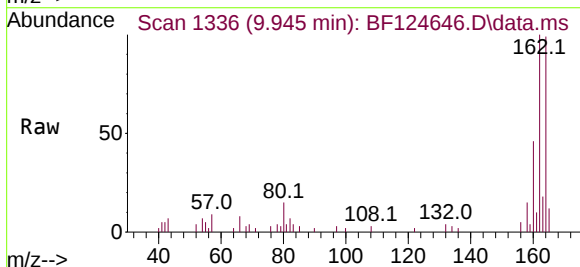
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

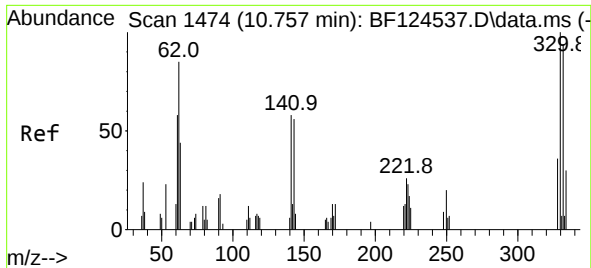
Tgt Ion: 82 Resp: 36853
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:164 Resp: 13289
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 46.3 38.0 57.0

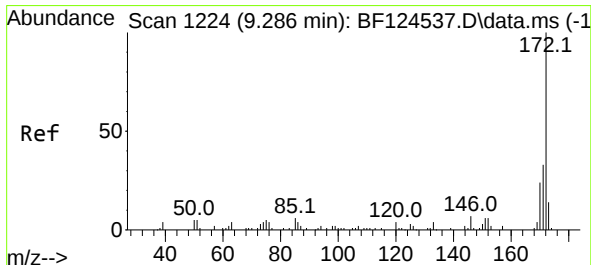
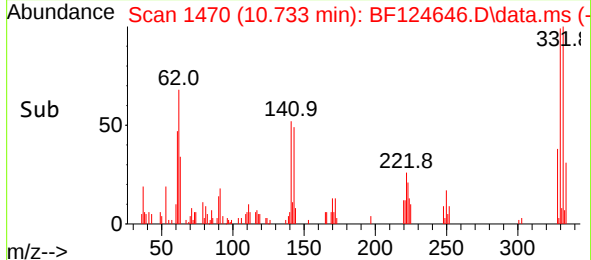
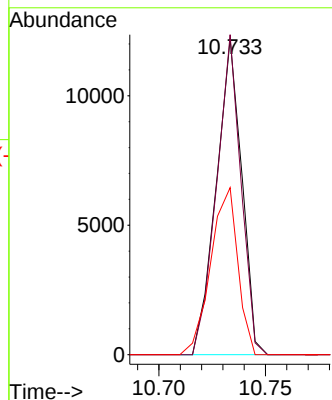
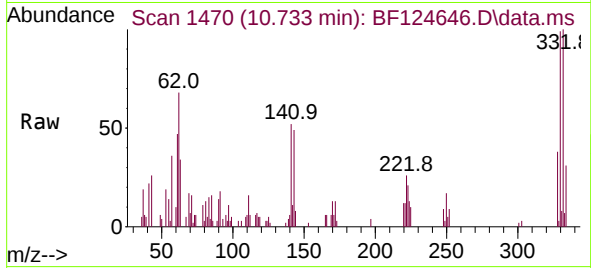




#42
2,4,6-Tribromophenol
Concen: 98.06 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

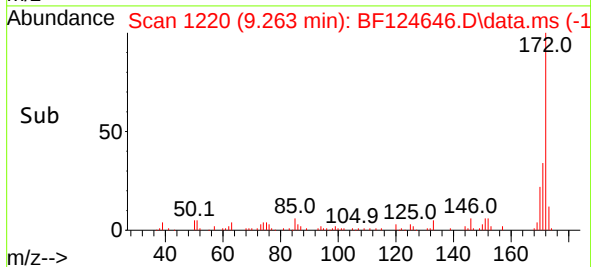
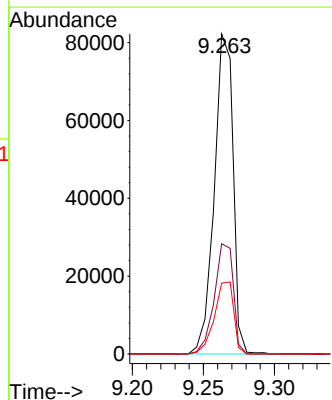
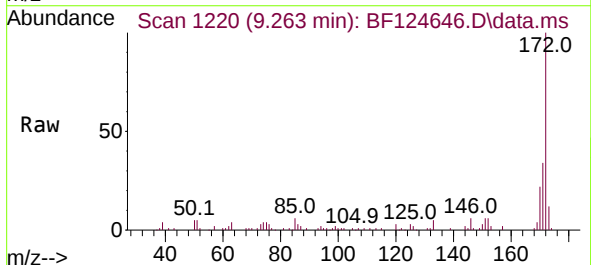
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

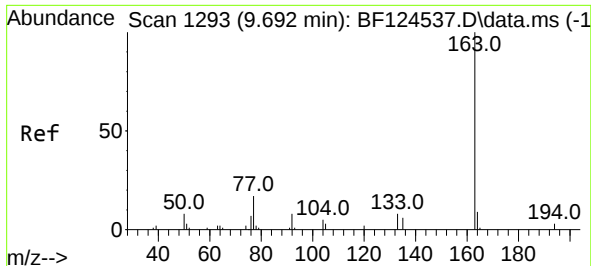
Tgt Ion: 330 Resp: 10141
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 56.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 82.70 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion: 172 Resp: 75362
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.1 18.8 28.2

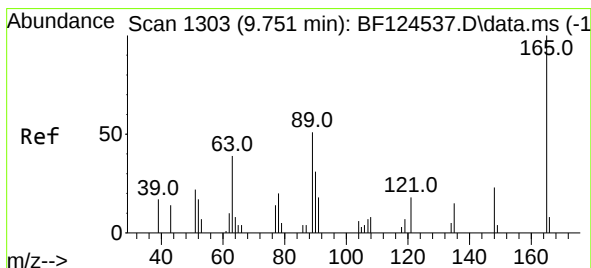
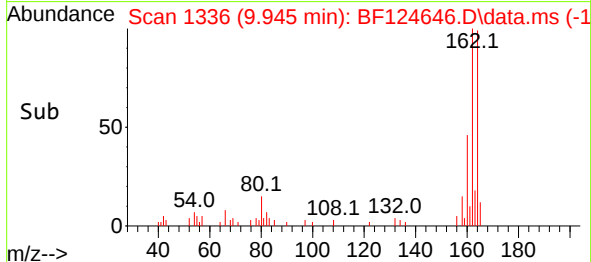
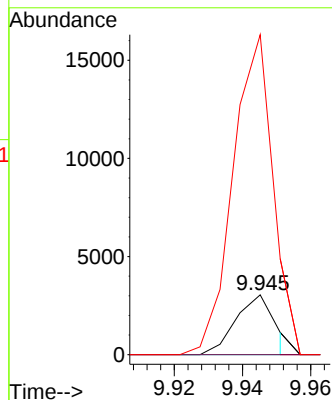
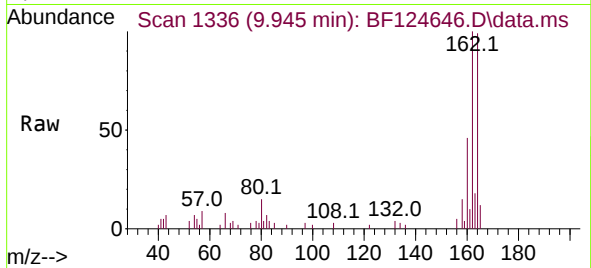




#50
Dimethylphthalate
Concen: 2.61 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

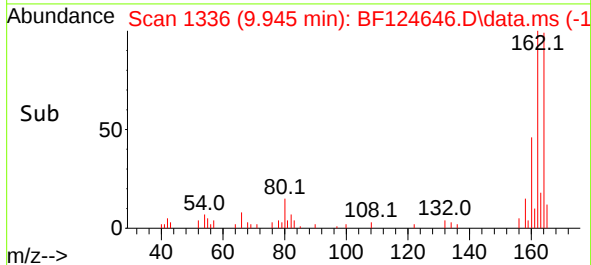
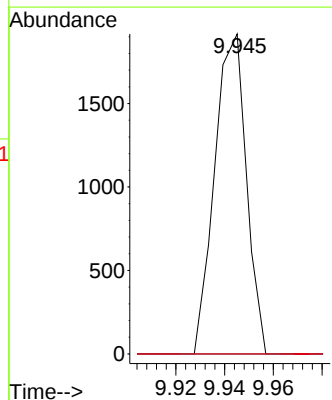
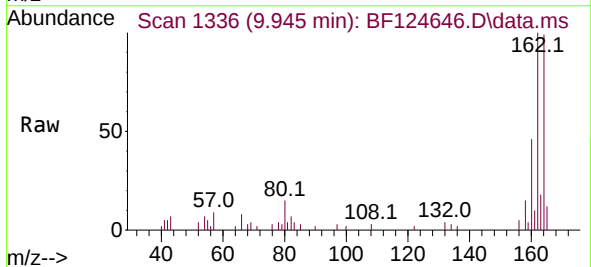
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

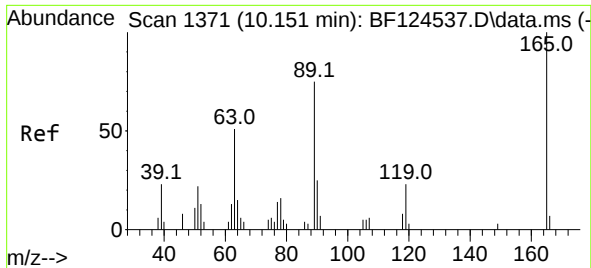
Tgt Ion:163 Resp: 2413
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 535.2 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:165 Resp: 1734
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

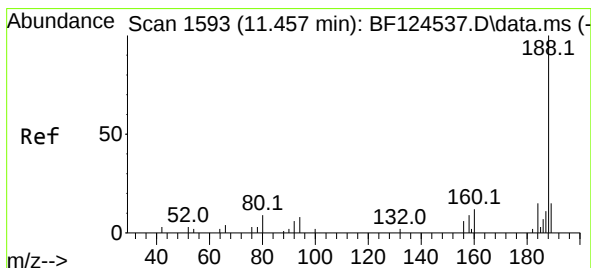
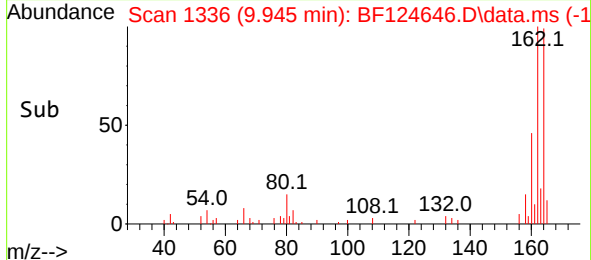
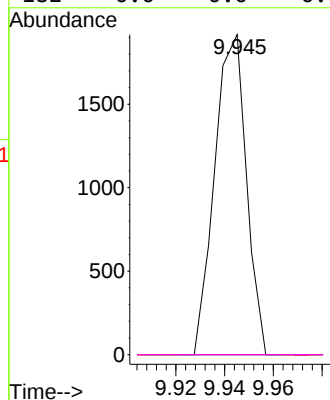
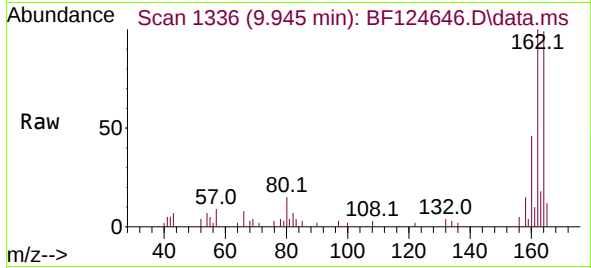




#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

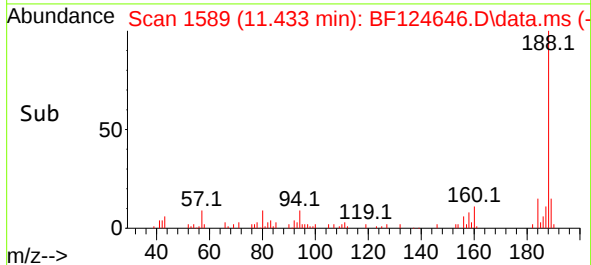
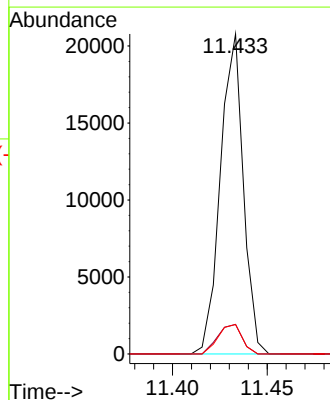
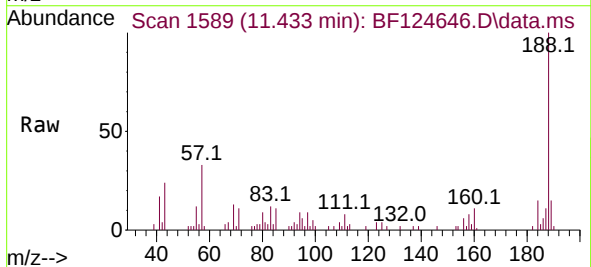
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

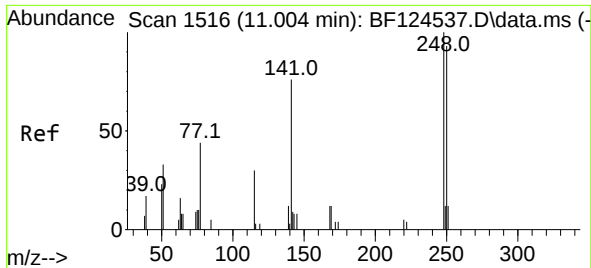
Tgt Ion:165	Resp:	1734
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:188	Resp:	17509
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.7 10.1
80	9.2	7.5 11.3

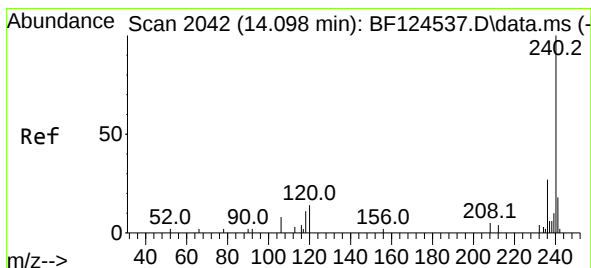
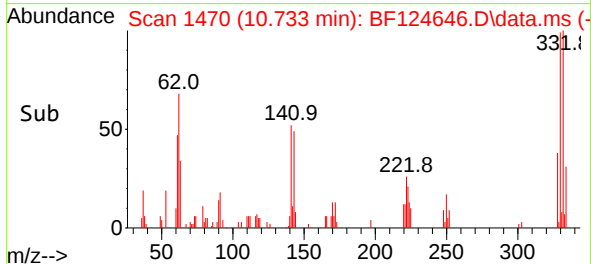
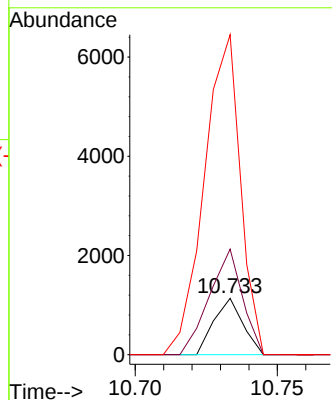
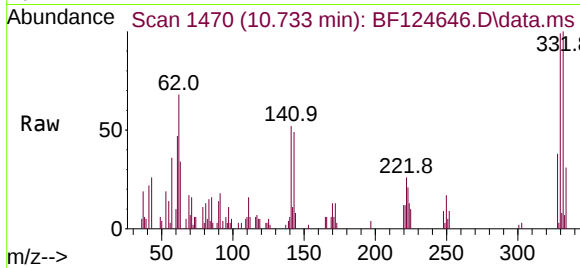




#67
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

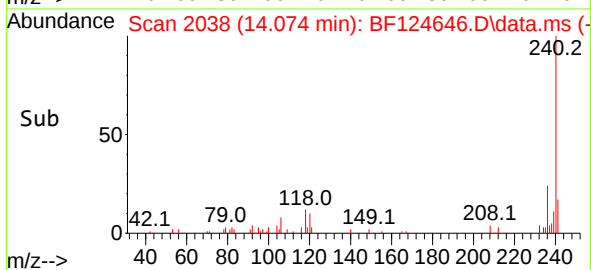
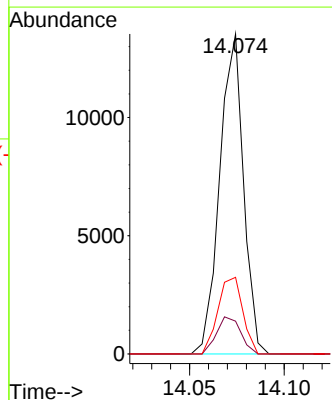
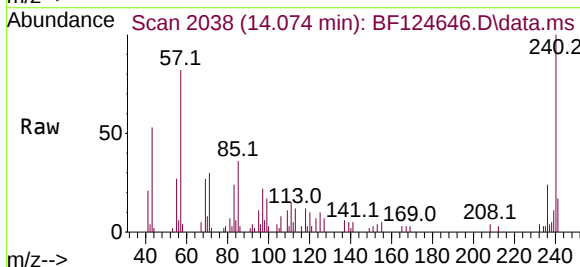
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

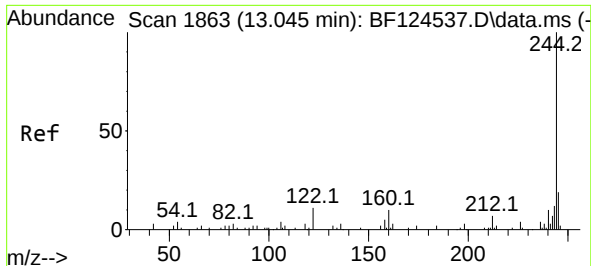
Tgt Ion:248 Resp: 808
Ion Ratio Lower Upper
248 100
250 187.3 74.2 111.4#
141 567.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124646.D
Acq: 21 Jul 2021 1:26

Tgt Ion:240 Resp: 11797
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 24.0 21.6 32.4

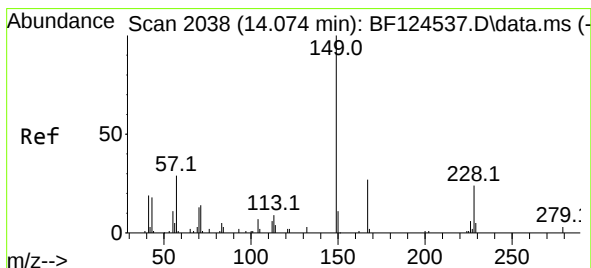
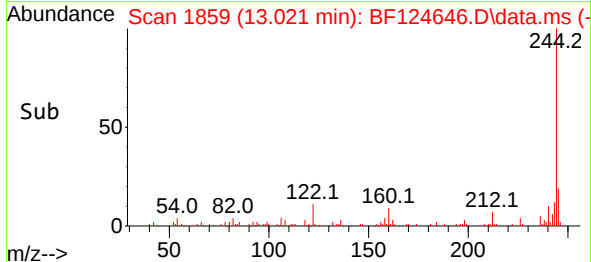
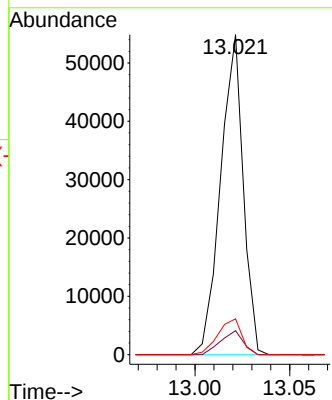
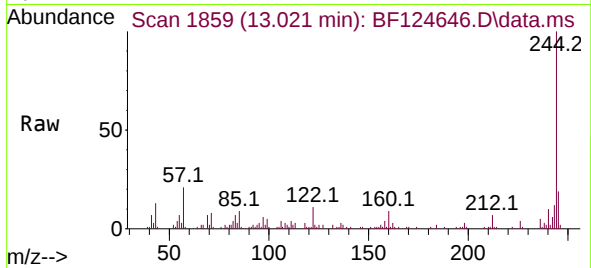




#79
 Terphenyl-d14
 Concen: 64.72 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.012 min
 Lab File: BF124646.D
 Acq: 21 Jul 2021 1:26

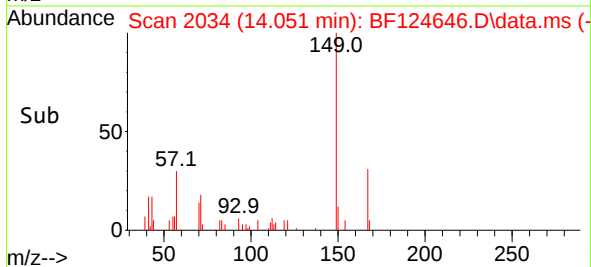
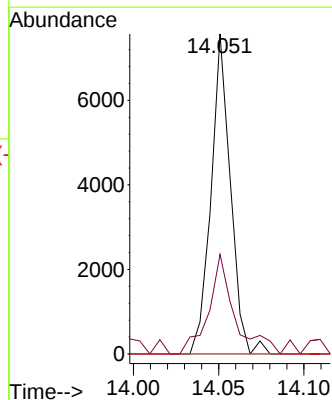
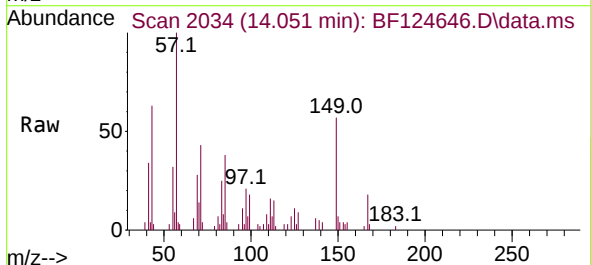
Instrument :
 BNA_F
 ClientSampleId :
 B1-(A-D)-(0-4.5)

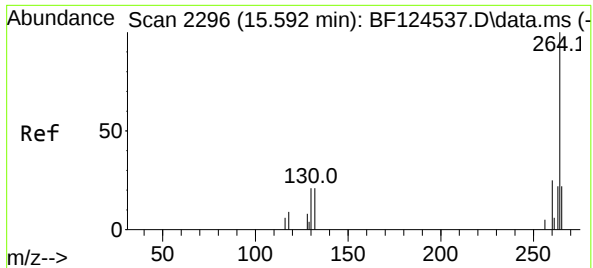
Tgt Ion:244 Resp: 45470
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.2 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.48 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.012 min
 Lab File: BF124646.D
 Acq: 21 Jul 2021 1:26

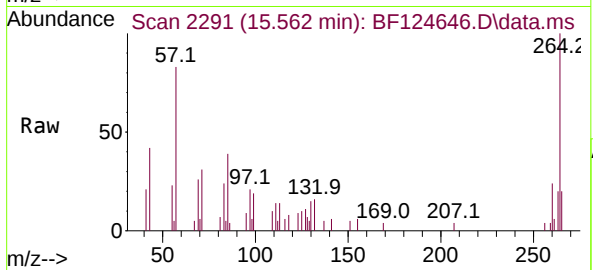
Tgt Ion:149 Resp: 6032
 Ion Ratio Lower Upper
 149 100
 167 31.1 21.4 32.0
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124646.D
 Acq: 21 Jul 2021 1:26

Instrument :
 BNA_F
 ClientSampleId :
 B1-(A-D)-(0-4.5)



Tgt Ion:	264	Resp:	9138
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	19.7	17.2	25.8

