

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124642.D
 Acq On : 20 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3096-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071921

Quant Time: Jul 21 03:13:58 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)

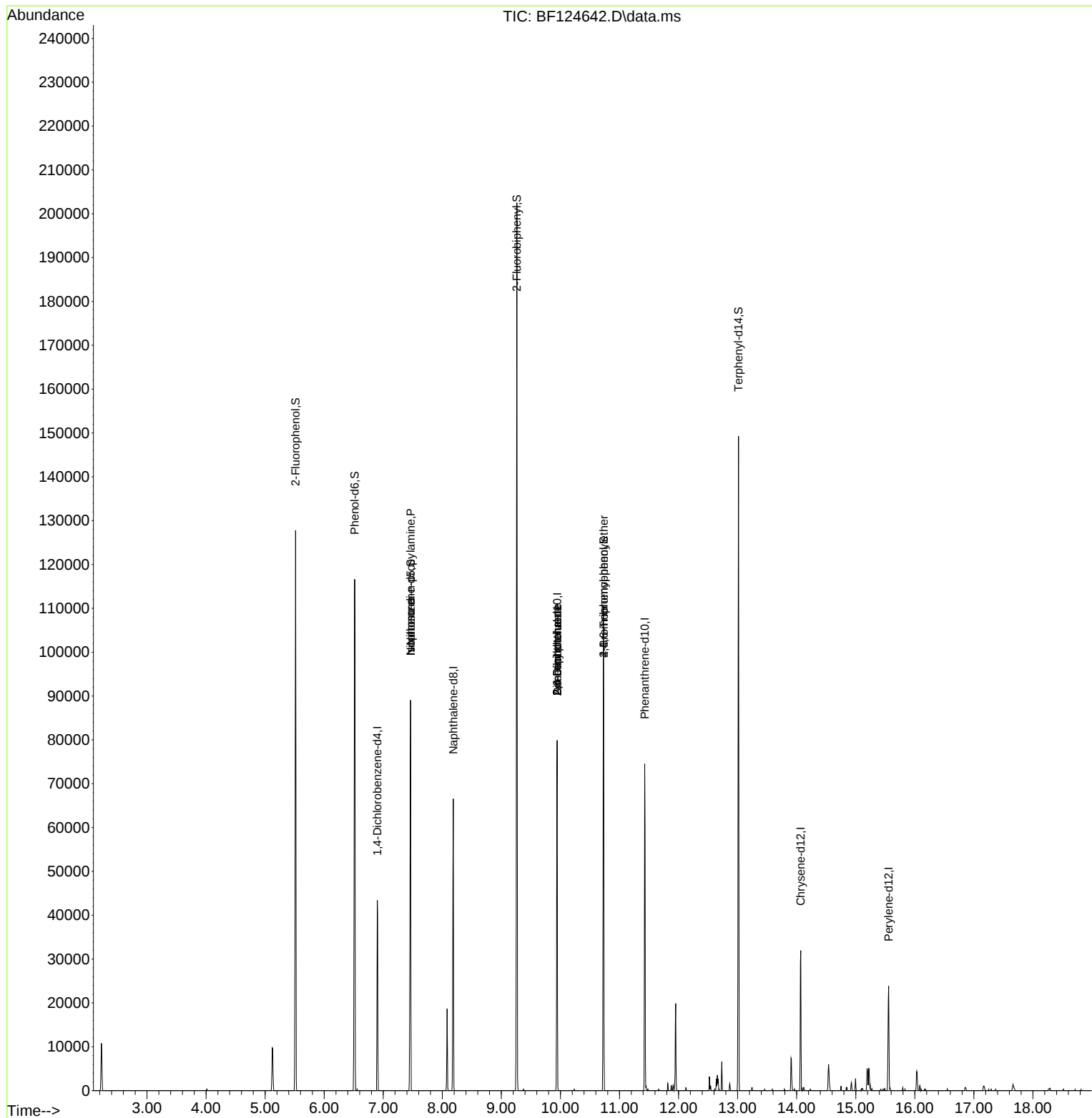
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	7008	20.00	ng	-0.02
21) Naphthalene-d8	8.186	136	29666	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	16715	20.00	ng	-0.01
64) Phenanthrene-d10	11.427	188	27634	20.00	ng	-0.02
76) Chrysene-d12	14.068	240	12727	20.00	ng	#-0.02
86) Perylene-d12	15.556	264	12204	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	33446	82.69	ng	-0.02
7) Phenol-d6	6.516	99	40388	82.08	ng	-0.03
23) Nitrobenzene-d5	7.463	82	25769	54.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10664	81.98	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	58442	50.99	ng	-0.02
79) Terphenyl-d14	13.015	244	47486	62.65	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	3435	12.42	ng	# 69
25) Isophorone	7.463	82	25499	29.56	ng	# 59
50) Dimethylphthalate	9.945	163	3180	2.73	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	2287	9.98	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	2287	7.29	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	816	2.86	ng	# 1

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

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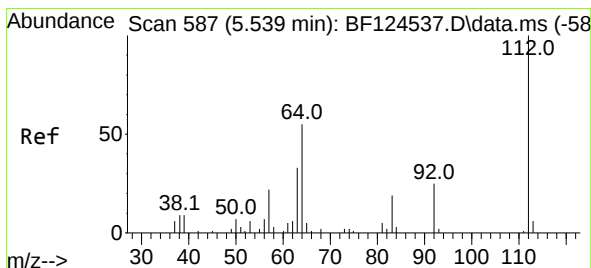
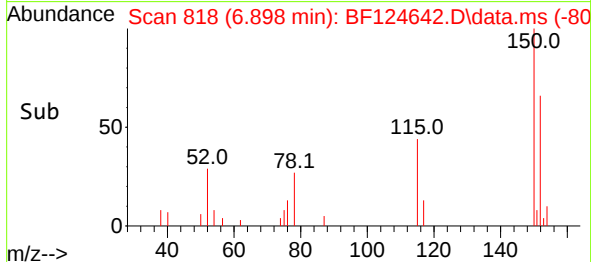
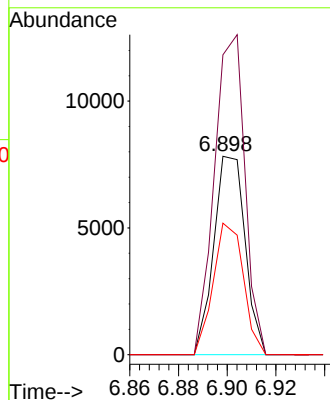
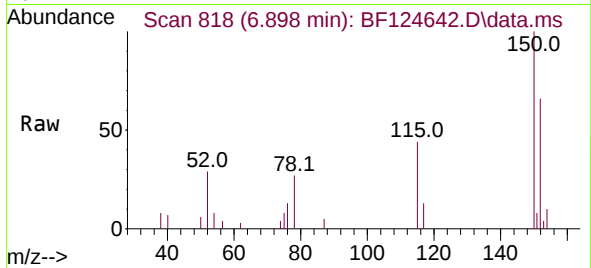




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

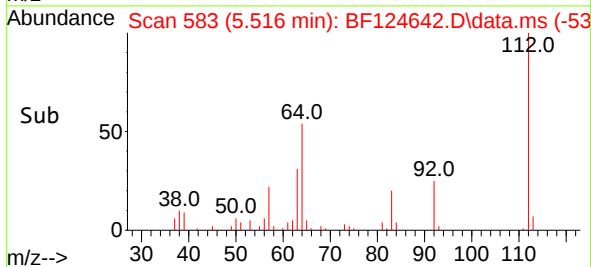
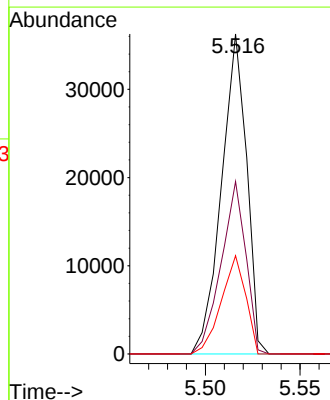
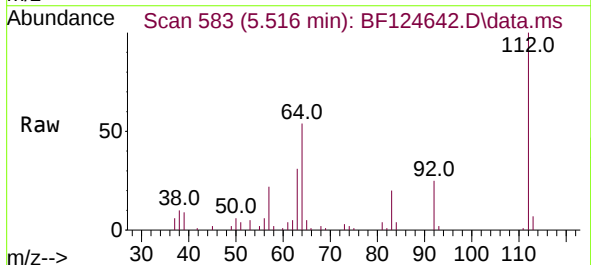
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

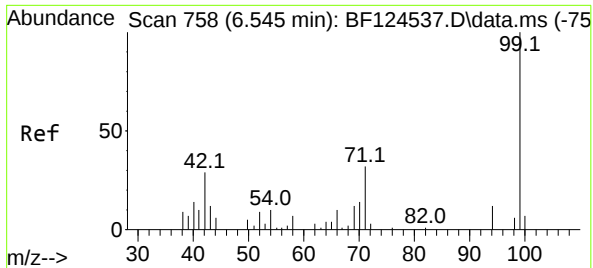
Tgt Ion:152 Resp: 7008
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 66.2 47.1 70.7



#5
2-Fluorophenol
Concen: 82.69 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:112 Resp: 33446
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 30.7 26.2 39.2

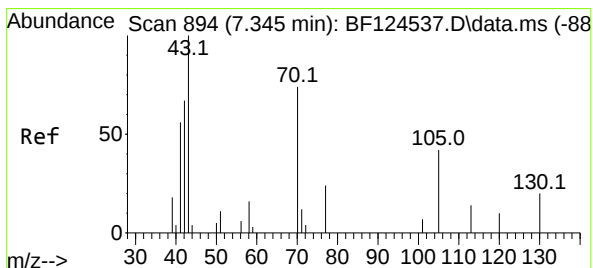
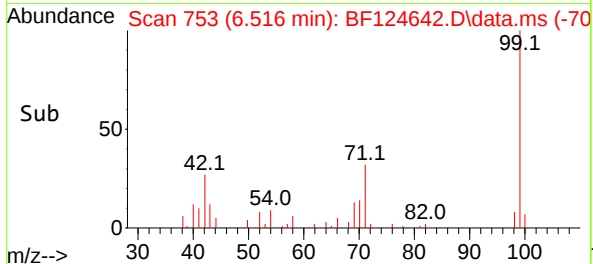
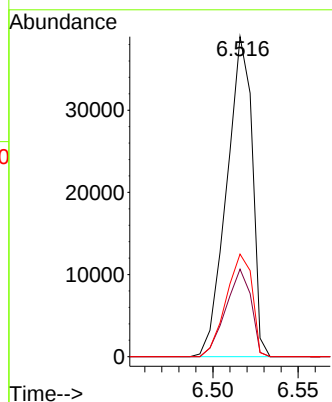
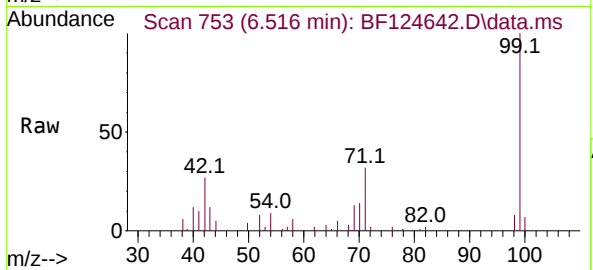




#7
Phenol-d6
Concen: 82.08 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

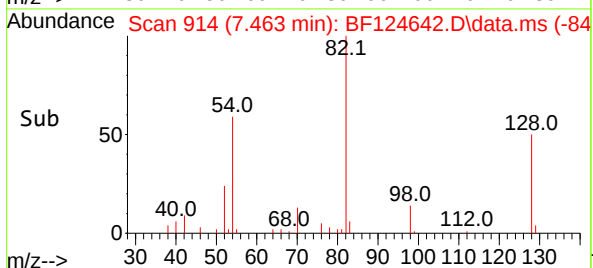
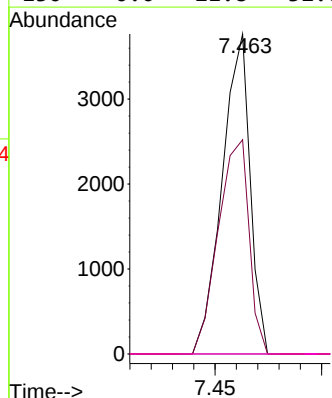
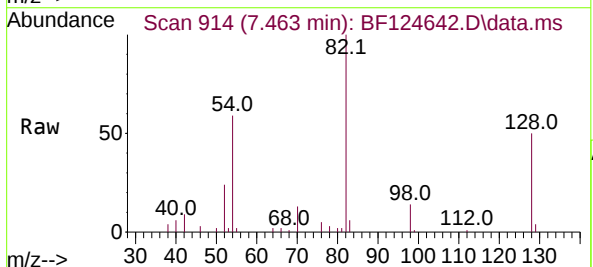
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

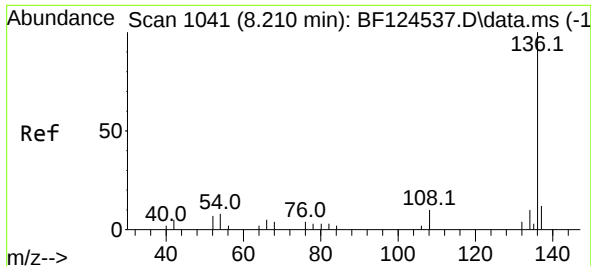
Tgt Ion:	99	Resp:	40388
Ion	Ratio	Lower	Upper
99	100		
42	27.4	23.5	35.3
71	32.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.42 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.129 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:	70	Resp:	3435
Ion	Ratio	Lower	Upper
70	100		
42	66.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

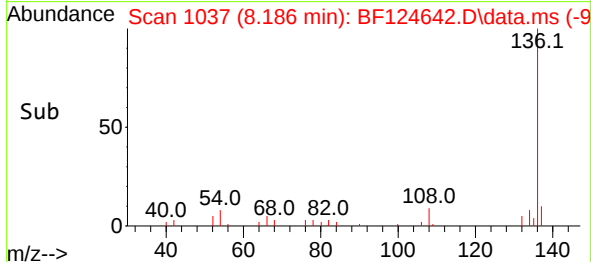
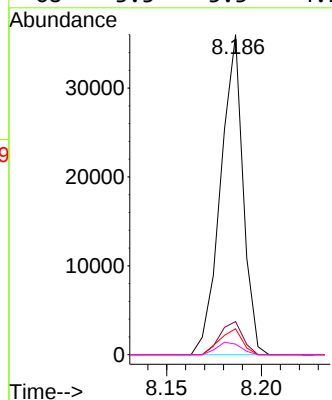
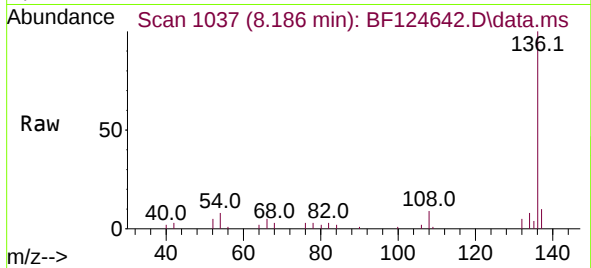




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

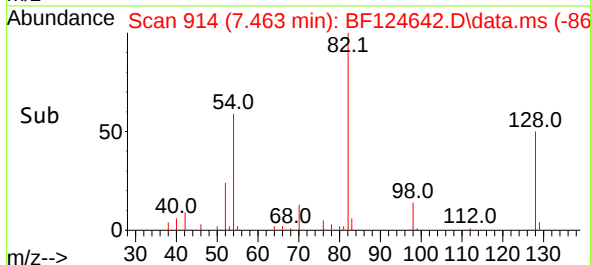
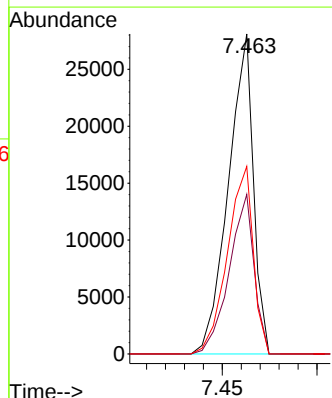
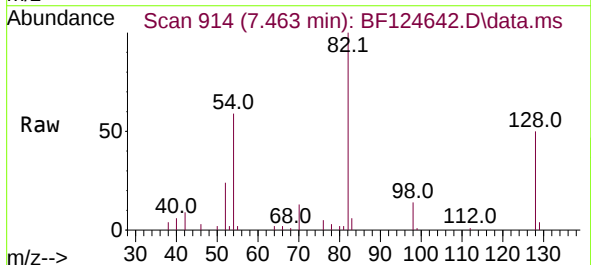
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

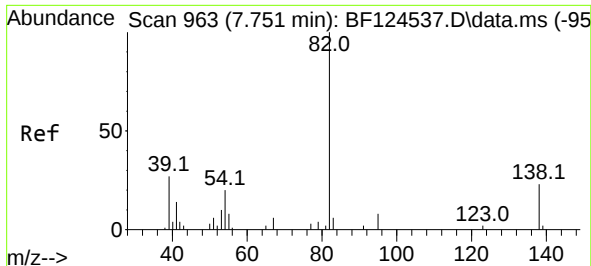
Tgt Ion:136	Resp:	29666
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.8 14.6
54	8.1	6.4 9.6
68	3.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 54.83 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion: 82	Resp:	25769
Ion Ratio	Lower	Upper
82	100	
128	49.8	40.6 60.8
54	58.6	49.6 74.4

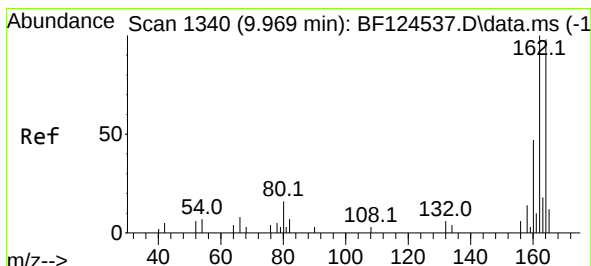
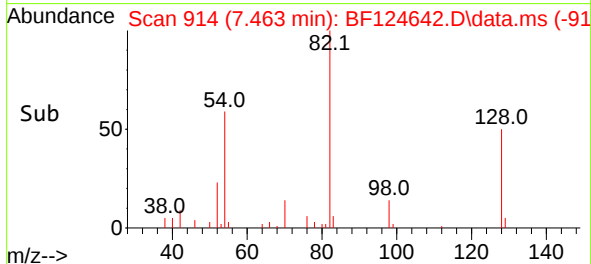
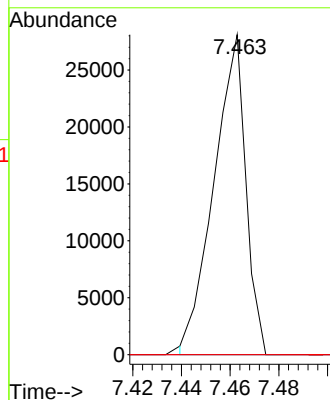
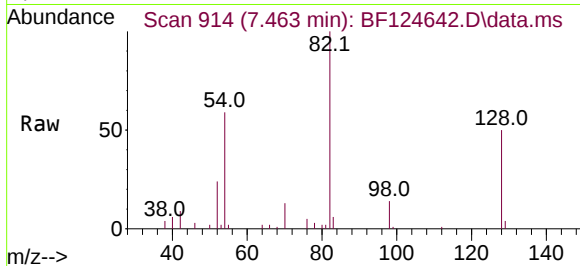




#25
Isophorone
Concen: 29.56 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

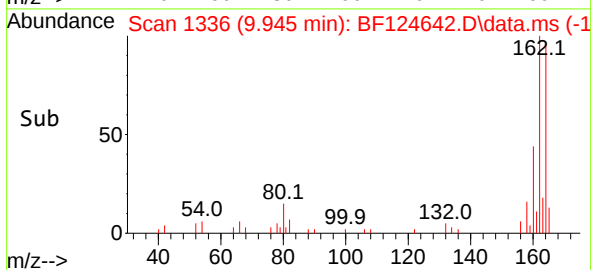
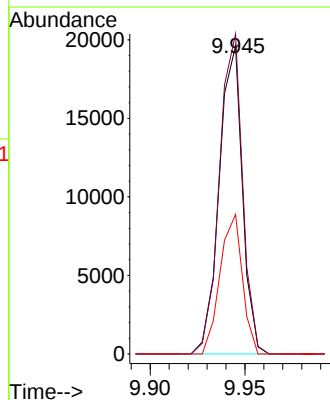
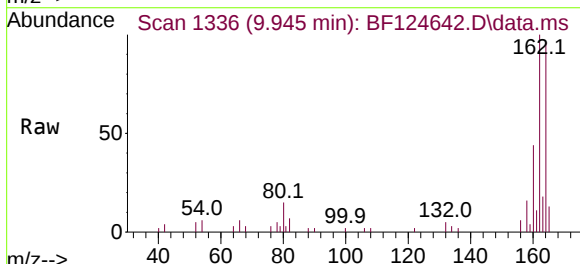
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

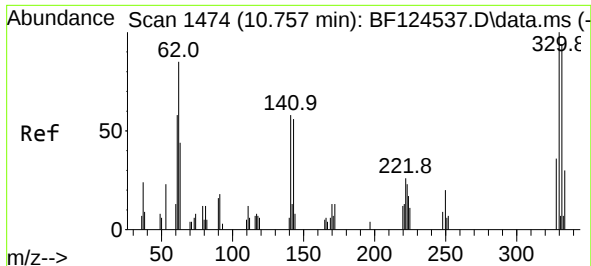
Tgt Ion: 82 Resp: 25499
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

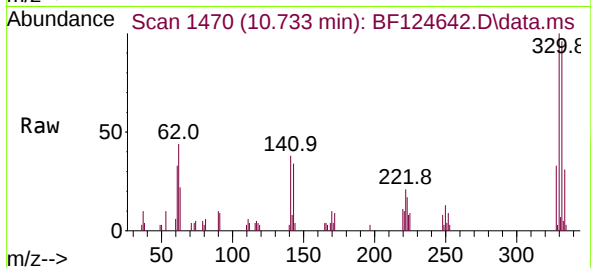
Tgt Ion:164 Resp: 16715
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 45.3 38.0 57.0



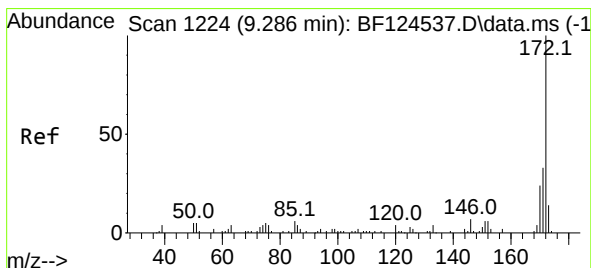
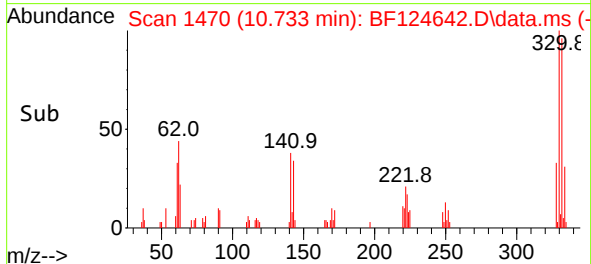
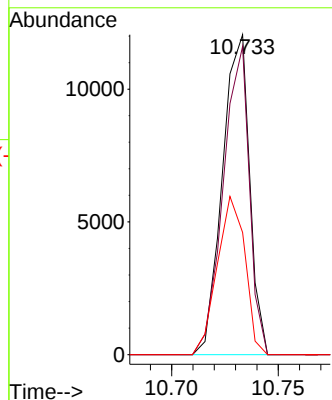


#42
2,4,6-Tribromophenol
Concen: 81.98 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
SU-04-071921

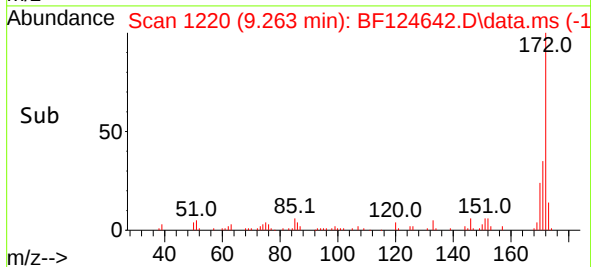
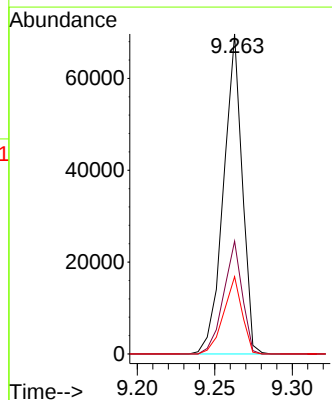
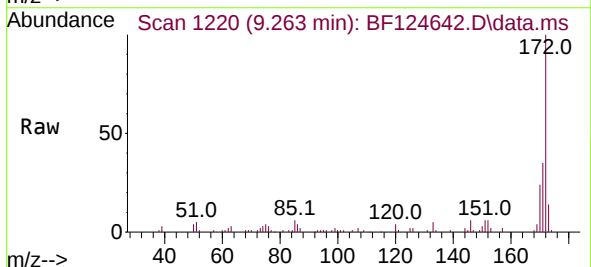


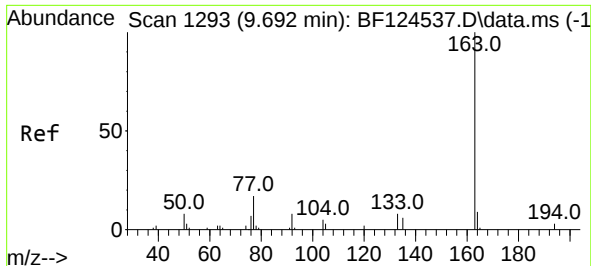
Tgt Ion: 330 Resp: 10664
Ion Ratio Lower Upper
330 100
332 92.5 76.2 114.4
141 50.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 50.99 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion: 172 Resp: 58442
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.2 18.8 28.2

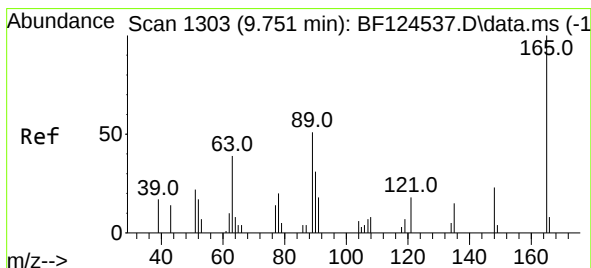
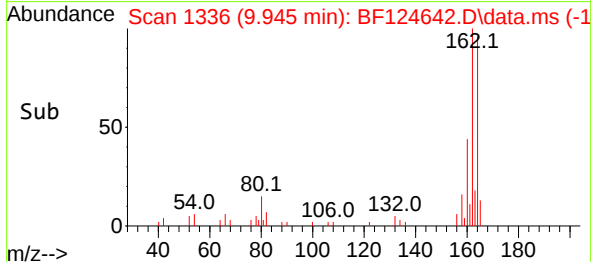
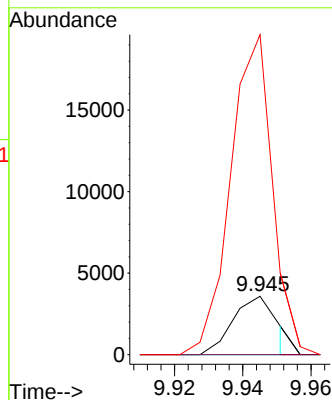
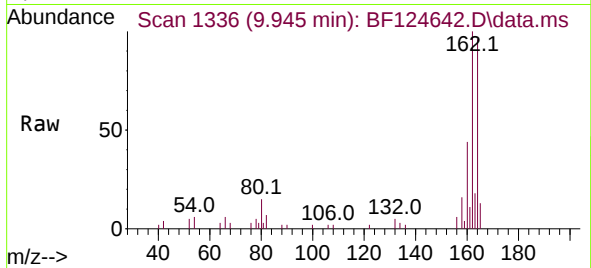




#50
Dimethylphthalate
Concen: 2.73 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

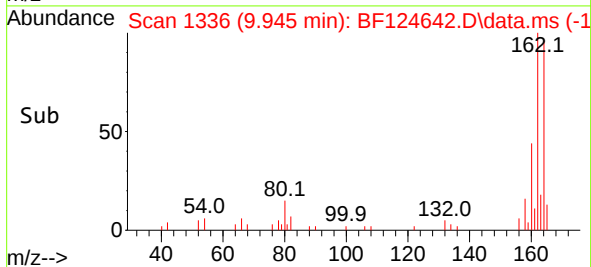
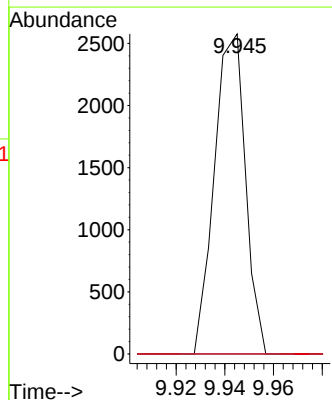
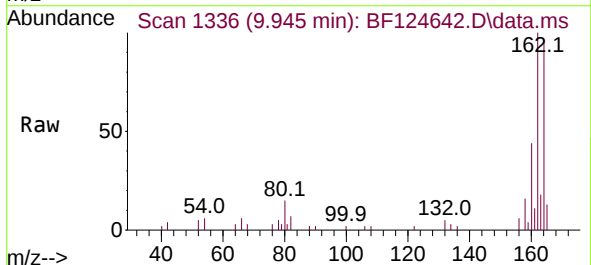
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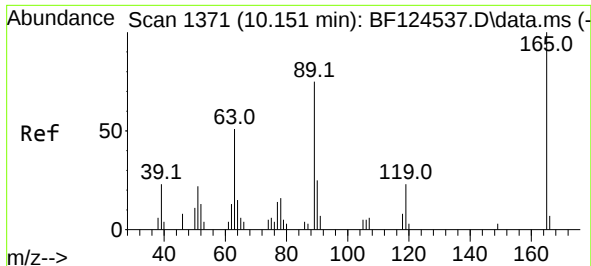
Tgt Ion:163 Resp: 3180
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 547.5 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.98 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

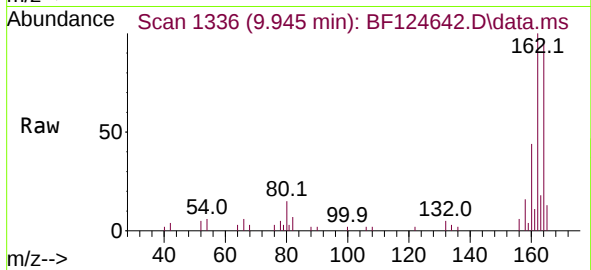
Tgt Ion:165 Resp: 2287
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



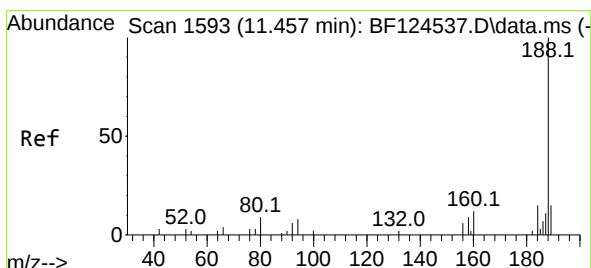
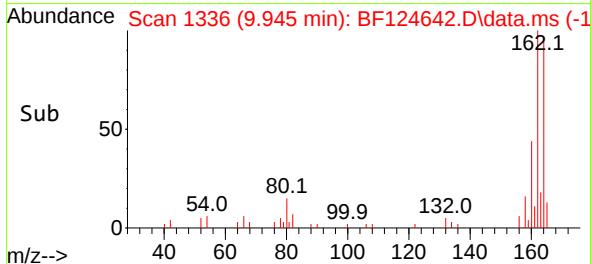
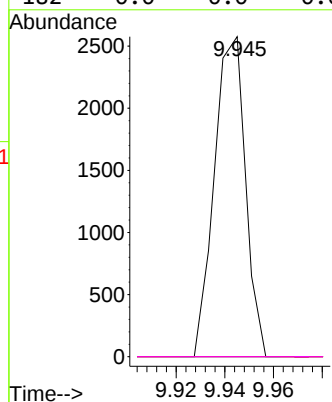


#57
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
SU-04-071921

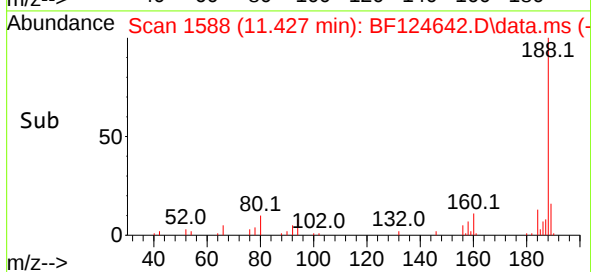
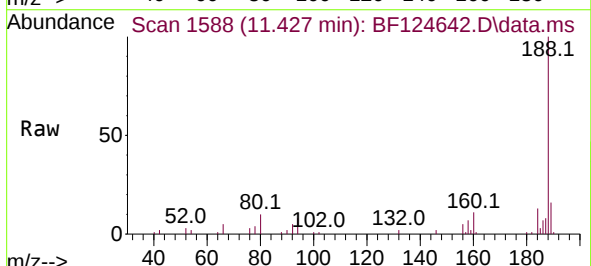
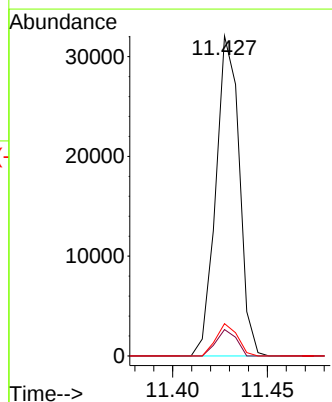


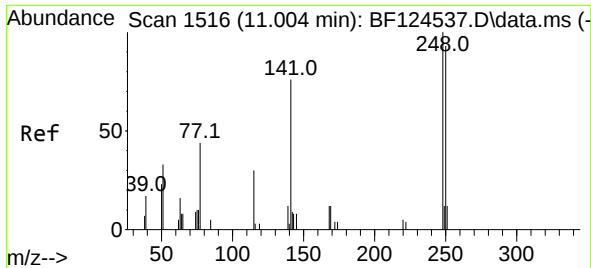
Tgt Ion:165 Resp: 2287
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:188 Resp: 27634
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 10.1 7.5 11.3

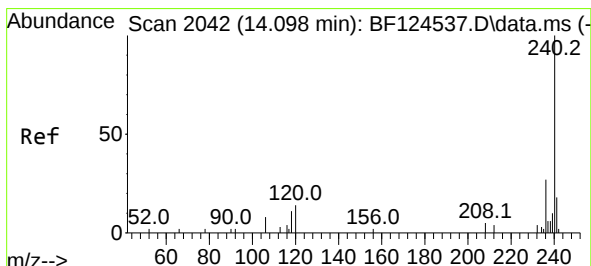
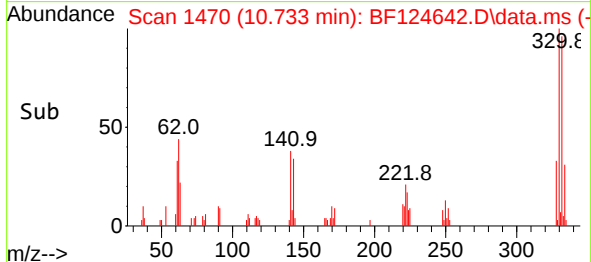
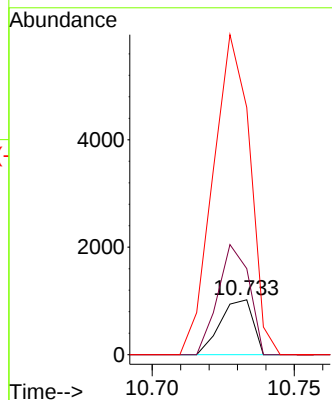
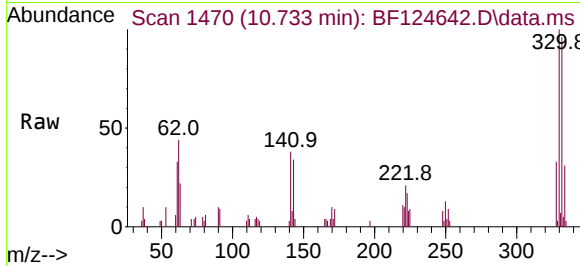




#67
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

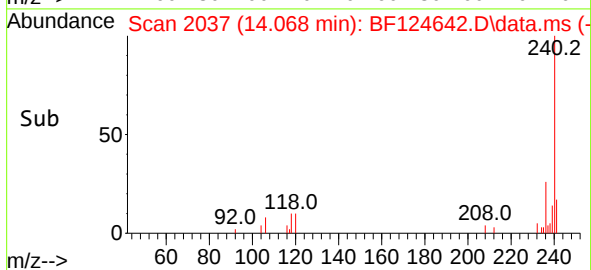
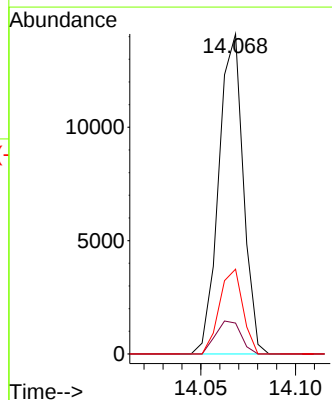
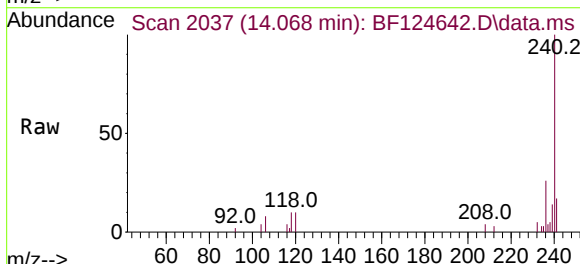
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

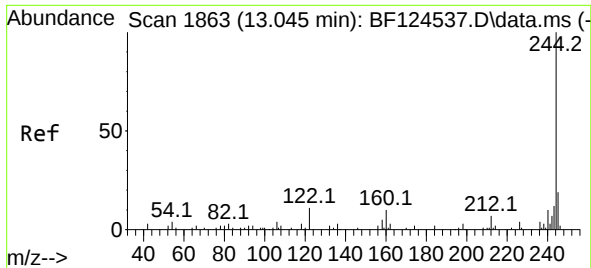
Tgt Ion:248 Resp: 816
Ion Ratio Lower Upper
248 100
250 157.2 74.2 111.4#
141 451.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:240 Resp: 12727
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.5 21.6 32.4

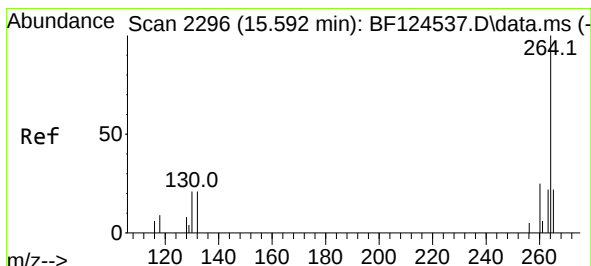
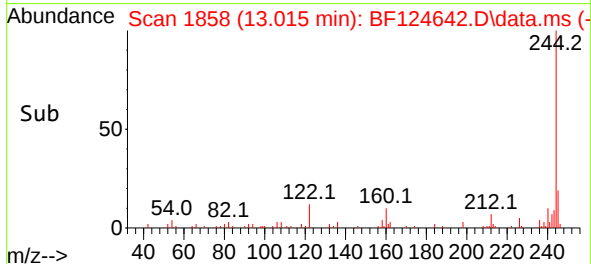
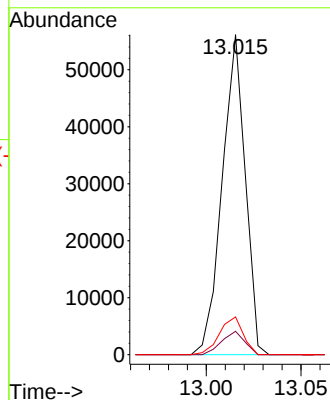
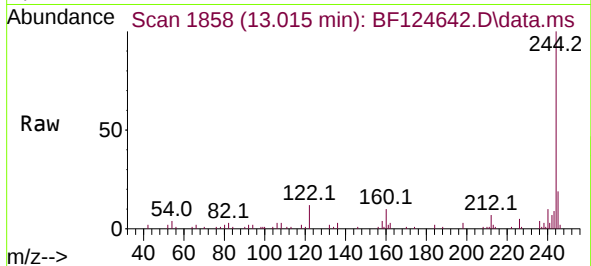




#79
Terphenyl-d14
Concen: 62.65 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
SU-04-071921

Tgt Ion:244	Resp:	47486
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.9 8.9
122	11.8	9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:264	Resp:	12204
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	21.4	17.2 25.8

