

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124585.D
 Acq On : 15 Jul 2021 22:33
 Operator : JU/CG
 Sample : M3029-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVR-CF03-01

Quant Time: Jul 16 02:52:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

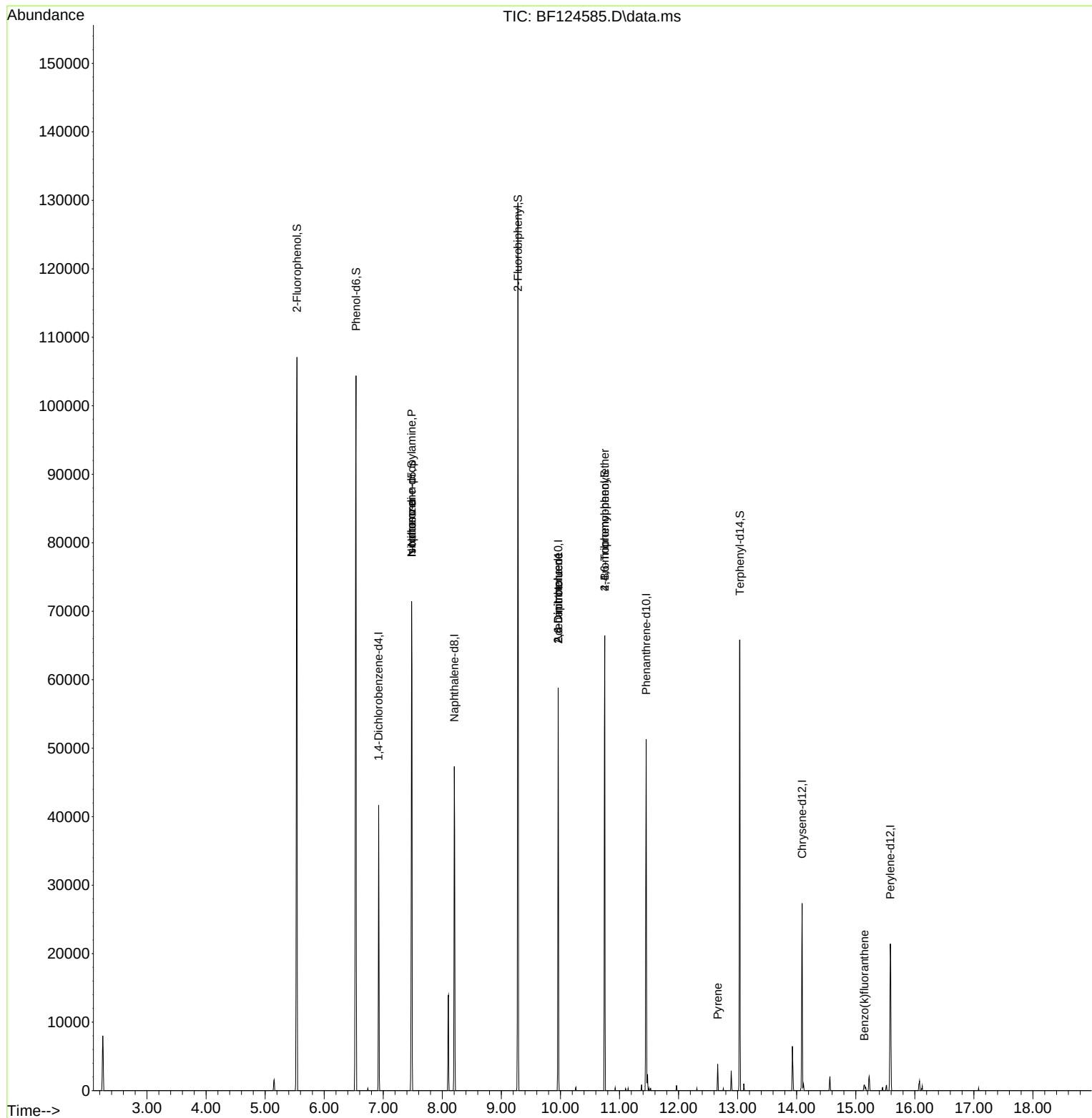
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5421	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	21046	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	11039	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	17867	20.00	ng	0.00
76) Chrysene-d12	14.092	240	10465	20.00	ng	# 0.00
86) Perylene-d12	15.586	264	11212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	28603	91.42	ng	0.00
7) Phenol-d6	6.539	99	33019	86.75	ng	0.00
23) Nitrobenzene-d5	7.481	82	20657	61.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	5889	68.55	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	36796	48.61	ng	0.00
79) Terphenyl-d14	13.039	244	22836	36.64	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	2826	13.21	ng	# 79
25) Isophorone	7.481	82	20663	33.76	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1398	9.23	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1398	6.74	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	387	2.09	ng	# 1
78) Pyrene	12.663	202	1937	2.23	ng	94
89) Benzo(k)fluoranthene	15.145	252	1498	2.03	ng	# 60

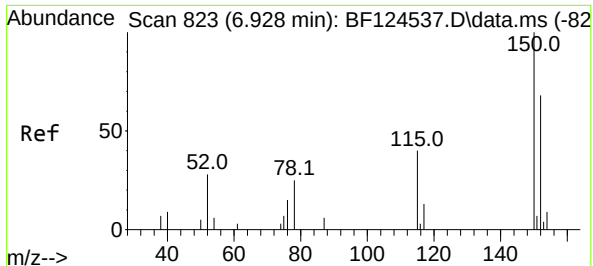
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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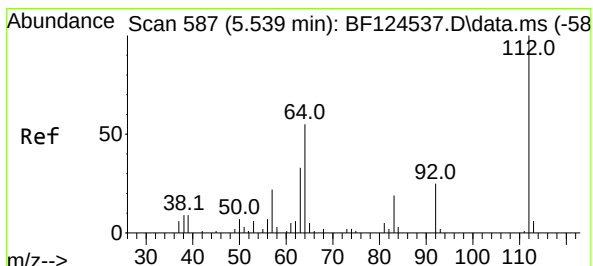
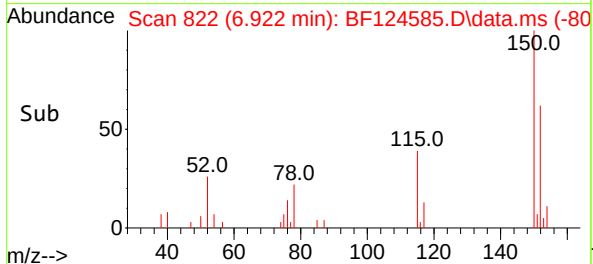
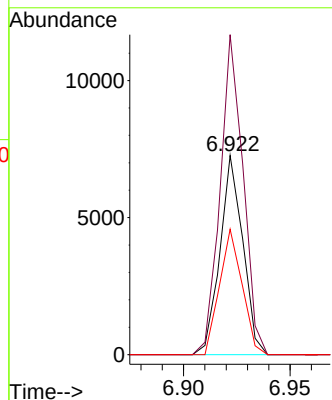
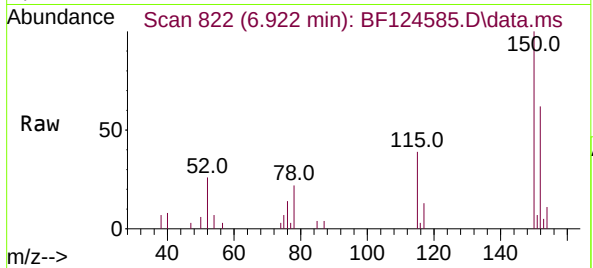




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

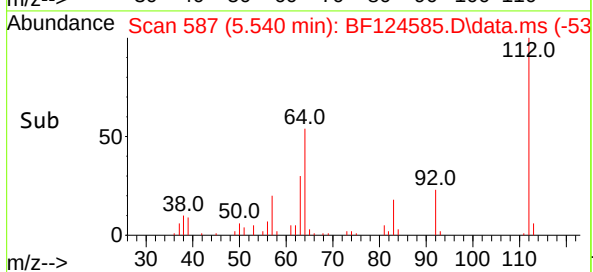
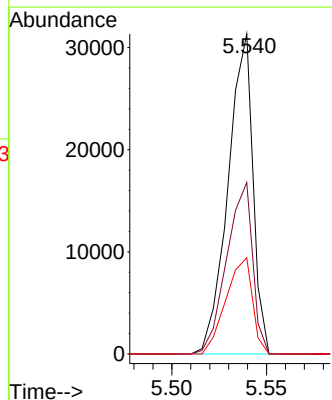
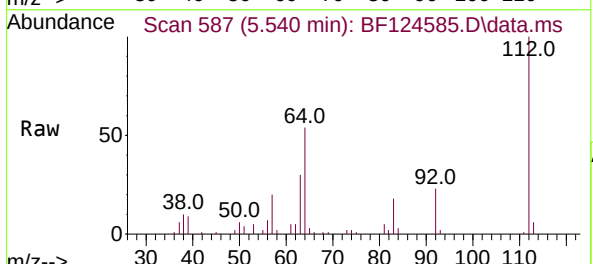
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

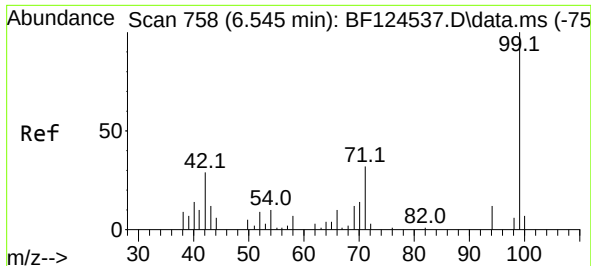
Tgt Ion:152 Resp: 5421
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 91.42 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.001 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion:112 Resp: 28603
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 30.1 26.2 39.2

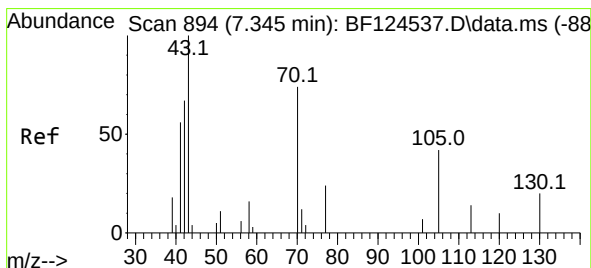
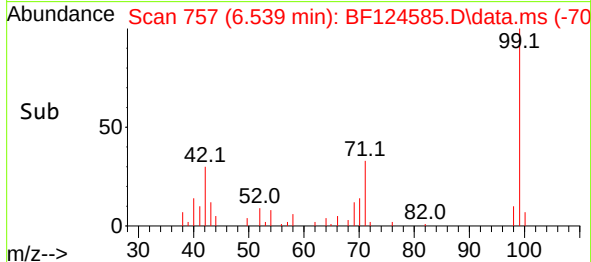
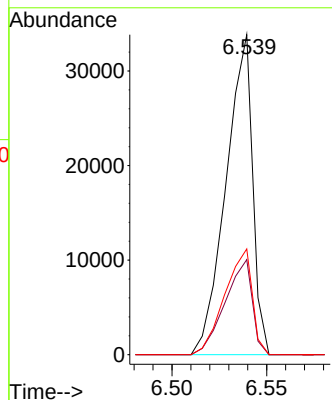
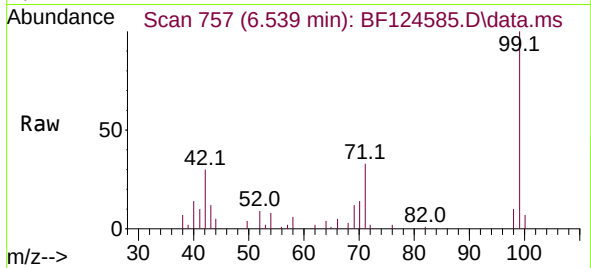




#7
Phenol-d6
Concen: 86.75 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

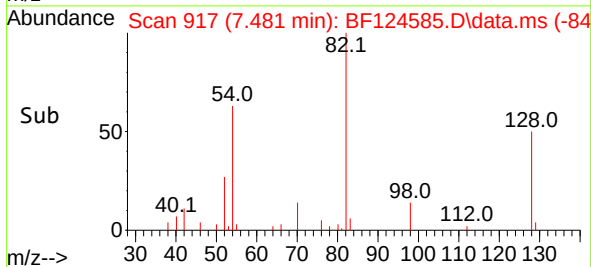
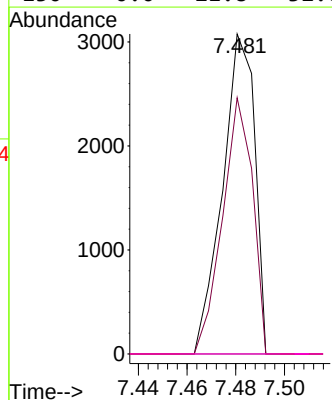
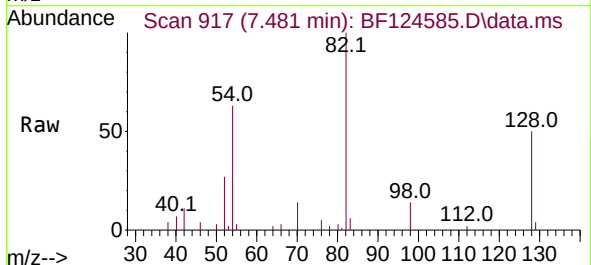
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

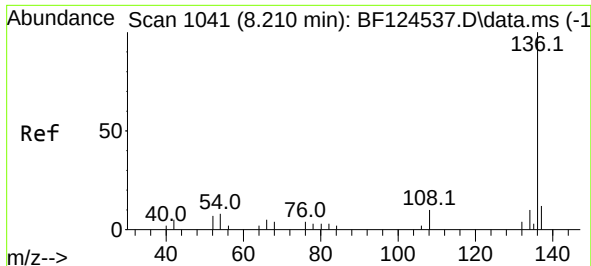
Tgt Ion: 99 Resp: 33019
Ion Ratio Lower Upper
99 100
42 29.7 23.5 35.3
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.21 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion: 70 Resp: 2826
Ion Ratio Lower Upper
70 100
42 80.1 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

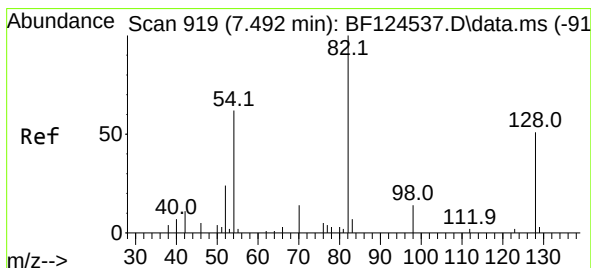
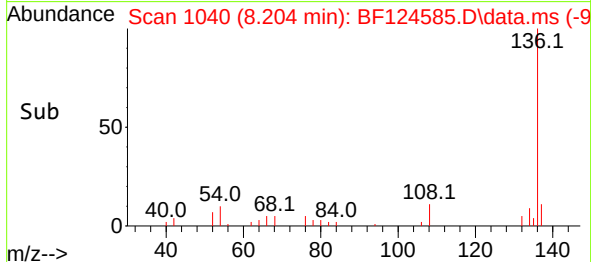
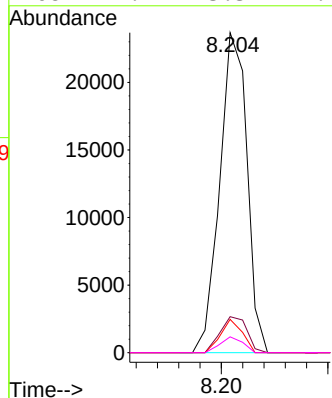
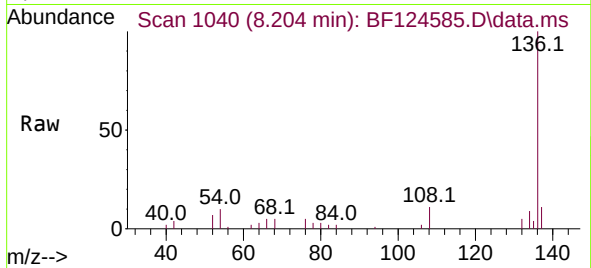




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

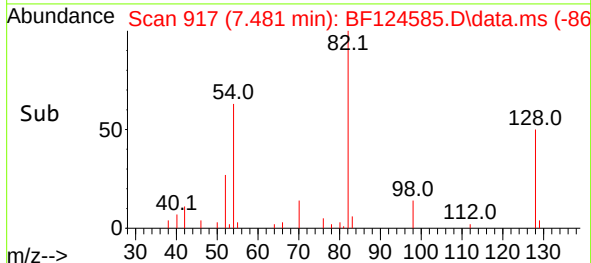
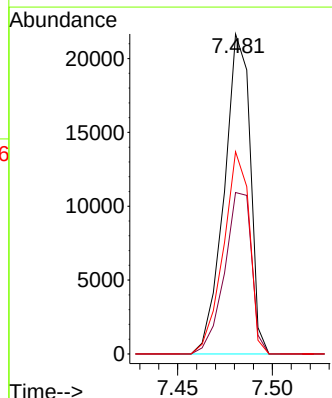
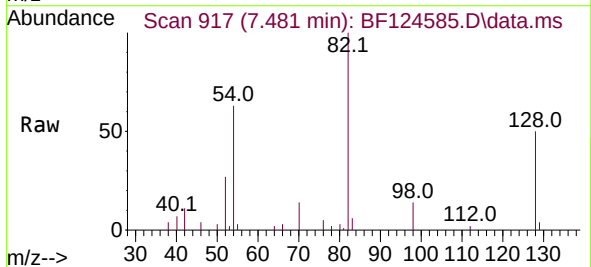
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

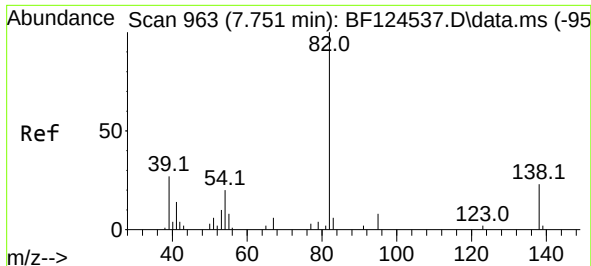
Tgt Ion:136	Resp:	21046
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.8 14.6
54	10.4	6.4 9.6#
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.96 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion: 82	Resp:	20657
Ion Ratio	Lower	Upper
82	100	
128	50.4	40.6 60.8
54	63.2	49.6 74.4

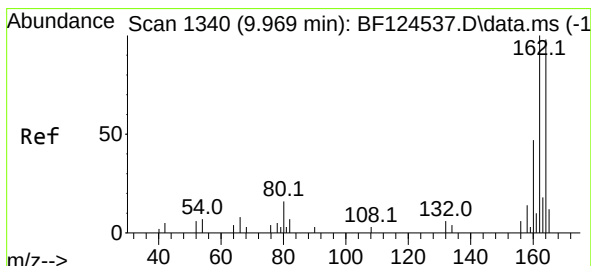
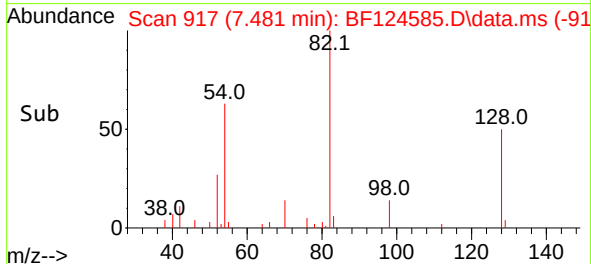
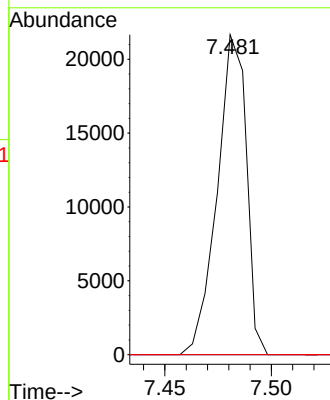
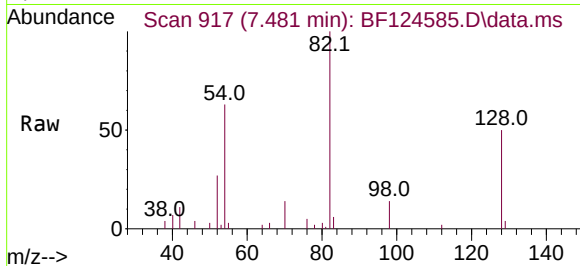




#25
Isophorone
Concen: 33.76 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.271 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

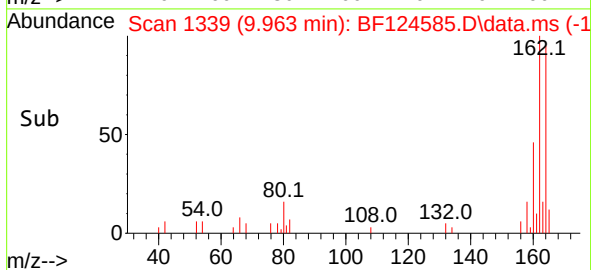
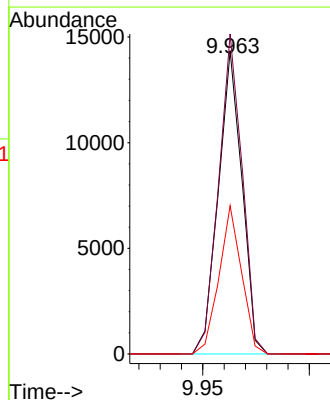
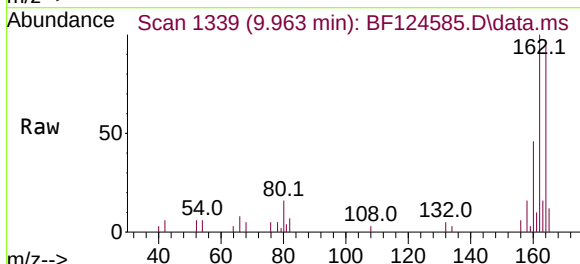
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

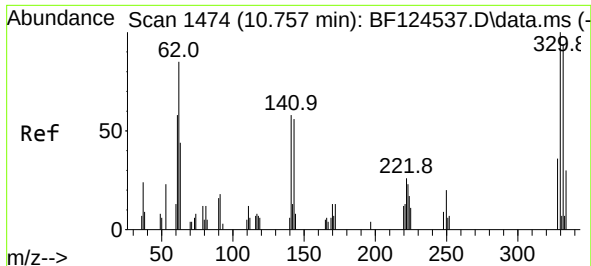
Tgt Ion: 82 Resp: 20663
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion:164 Resp: 11039
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 48.9 38.0 57.0

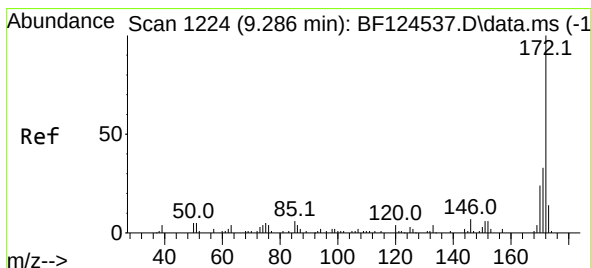
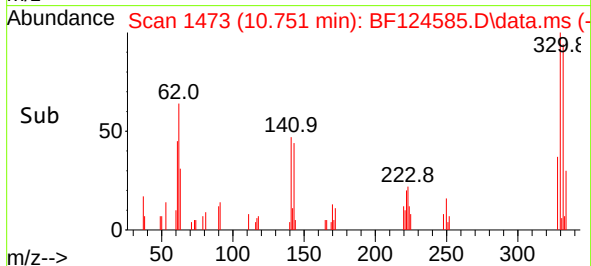
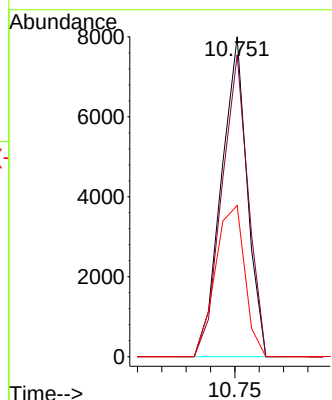
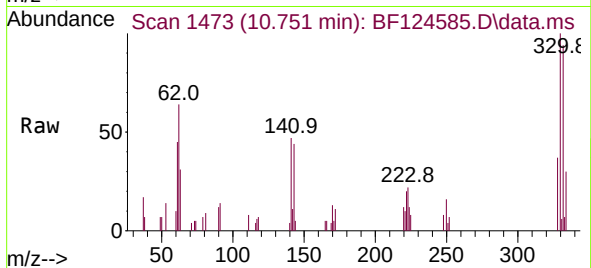




#42
2,4,6-Tribromophenol
Concen: 68.55 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

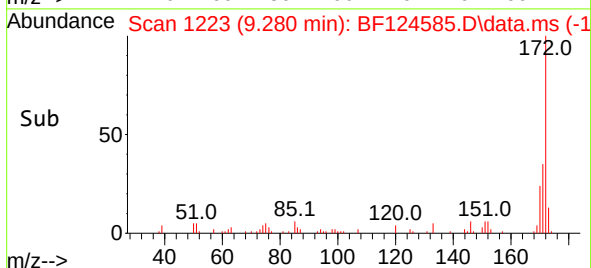
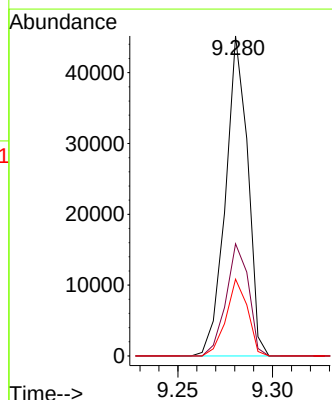
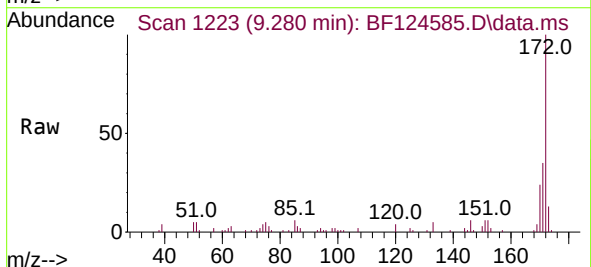
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ClientSampleID :
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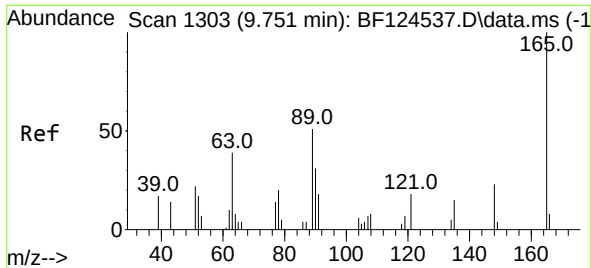
Tgt Ion: 330 Resp: 5889
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 54.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 48.61 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion: 172 Resp: 36796
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.0 18.8 28.2

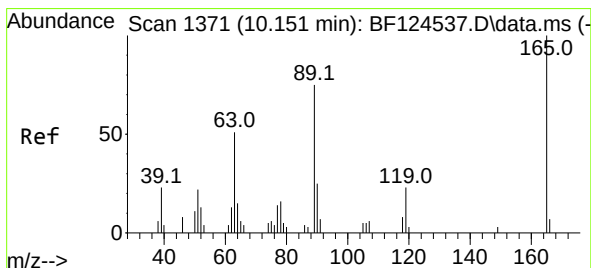
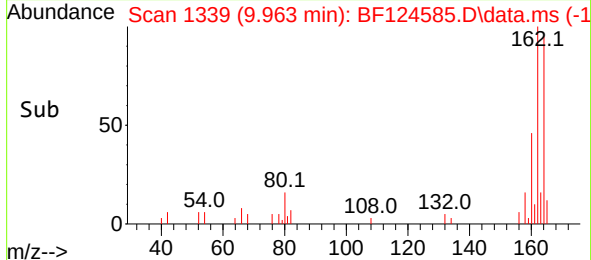
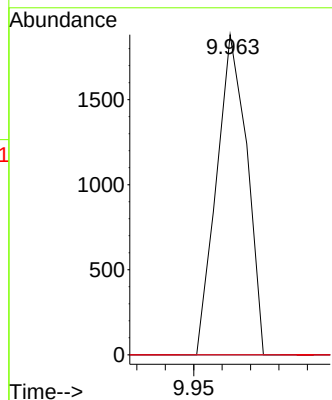
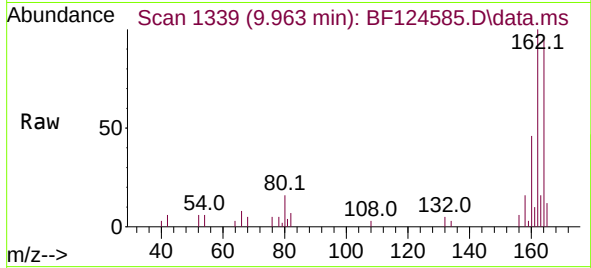




#51
2,6-Dinitrotoluene
Concen: 9.23 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

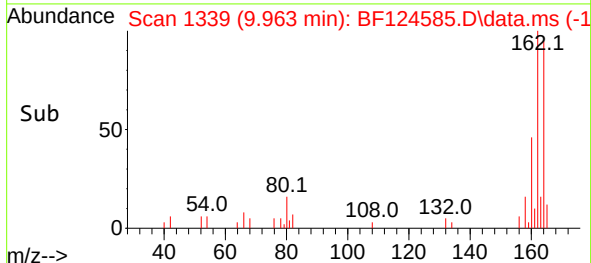
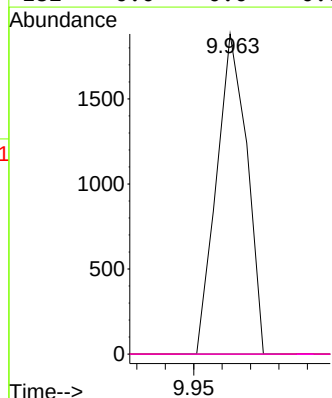
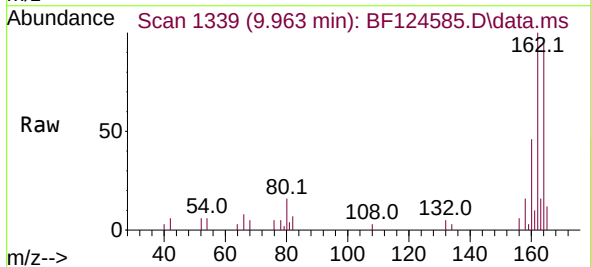
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RVR-CF03-01

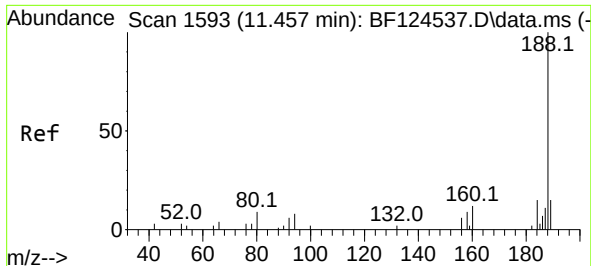
Tgt Ion:165 Resp: 1398
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion:165 Resp: 1398
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

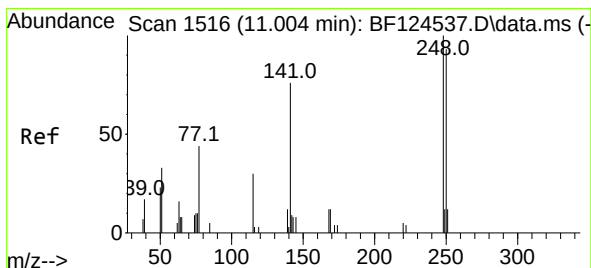
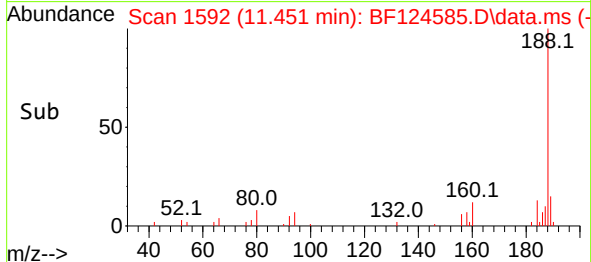
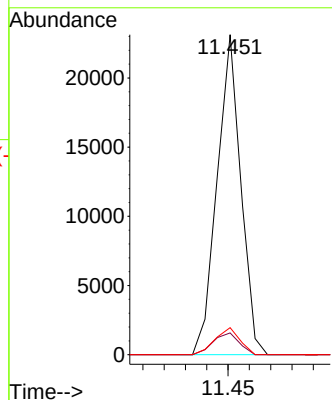
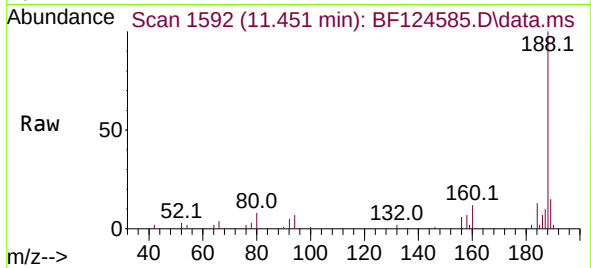




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

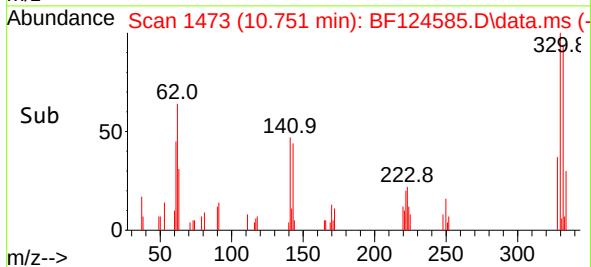
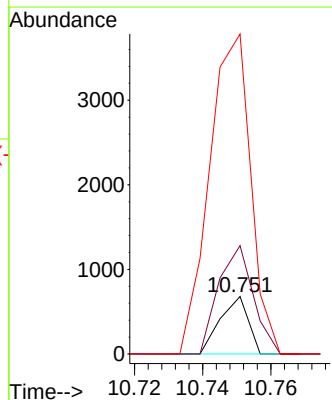
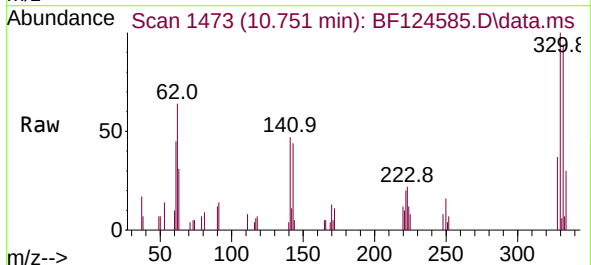
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

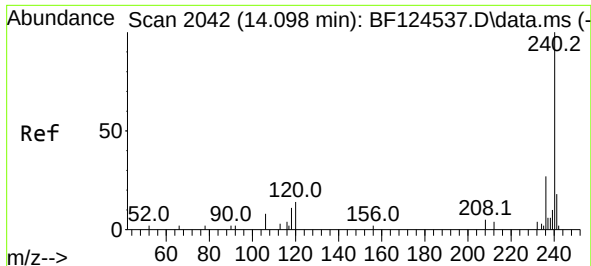
Tgt Ion:188 Resp: 17867
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.09 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion:248 Resp: 387
Ion Ratio Lower Upper
248 100
250 188.5 74.2 111.4#
141 557.1 60.4 90.6#

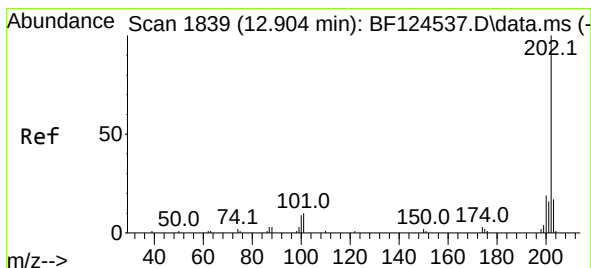
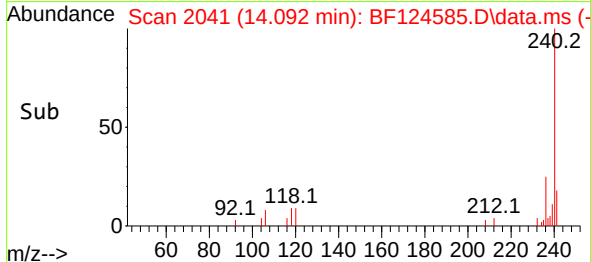
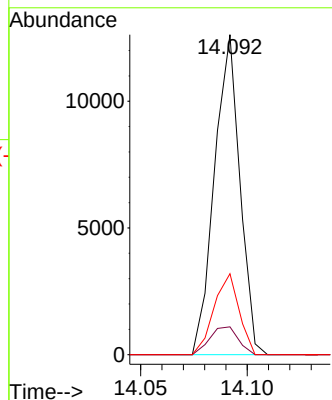
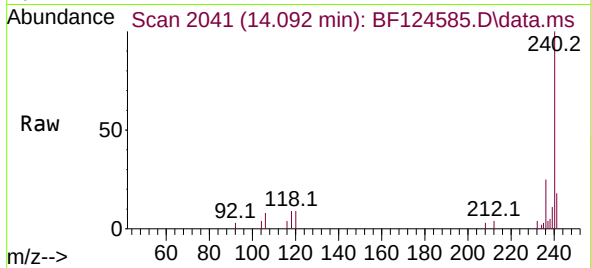




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

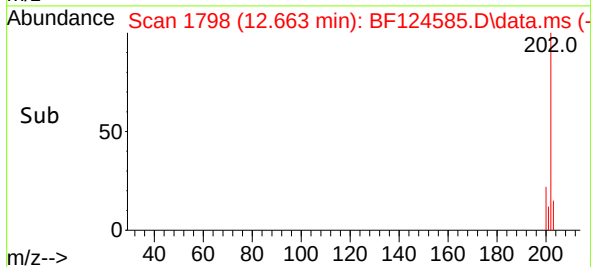
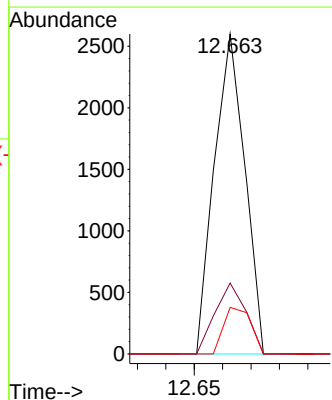
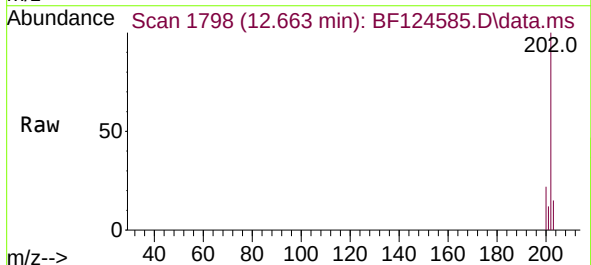
Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

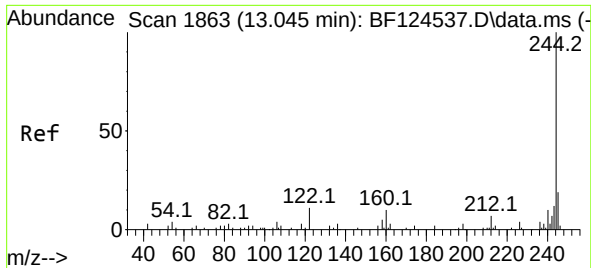
Tgt Ion:240 Resp: 10465
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 25.3 21.6 32.4



#78
Pyrene
Concen: 2.23 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.241 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Tgt Ion:202 Resp: 1937
Ion Ratio Lower Upper
202 100
200 22.2 15.3 22.9
203 14.5 13.4 20.0

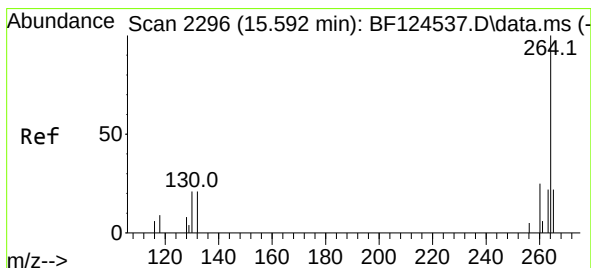
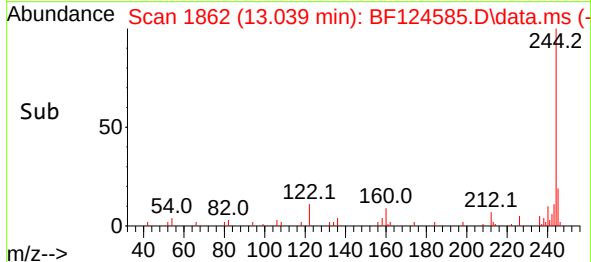
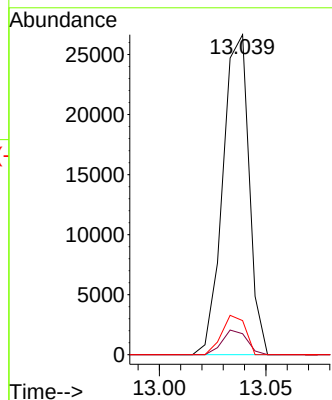
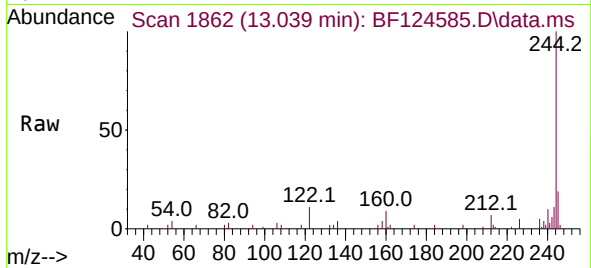




#79
 Terphenyl-d14
 Concen: 36.64 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF124585.D
 Acq: 15 Jul 2021 22:33

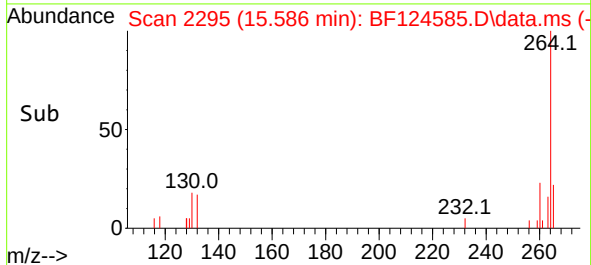
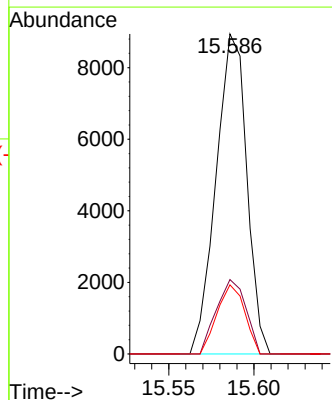
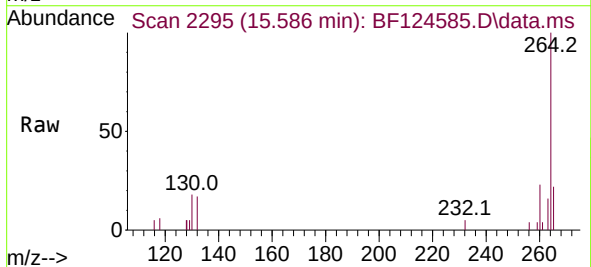
Instrument :
 BNA_F
 ClientSampleId :
 RVR-CF03-01

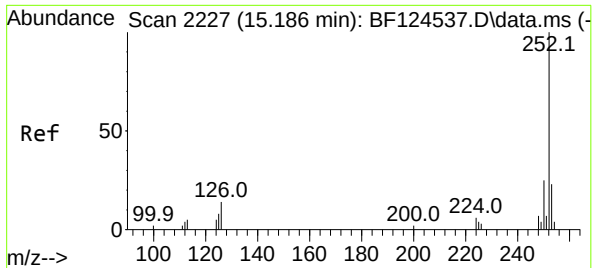
Tgt Ion:244 Resp: 22836
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124585.D
 Acq: 15 Jul 2021 22:33

Tgt Ion:264 Resp: 11212
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.6 17.2 25.8





#89
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF124585.D
Acq: 15 Jul 2021 22:33

Instrument :
BNA_F
ClientSampleId :
RVR-CF03-01

Tgt Ion:252 Resp: 1498
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.2 10.8#

