

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124804.D
 Acq On : 27 Jul 2021 20:58
 Operator : JU/CG
 Sample : M3118-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210588-AMENDED-COM-2

Quant Time: Jul 28 03:07:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

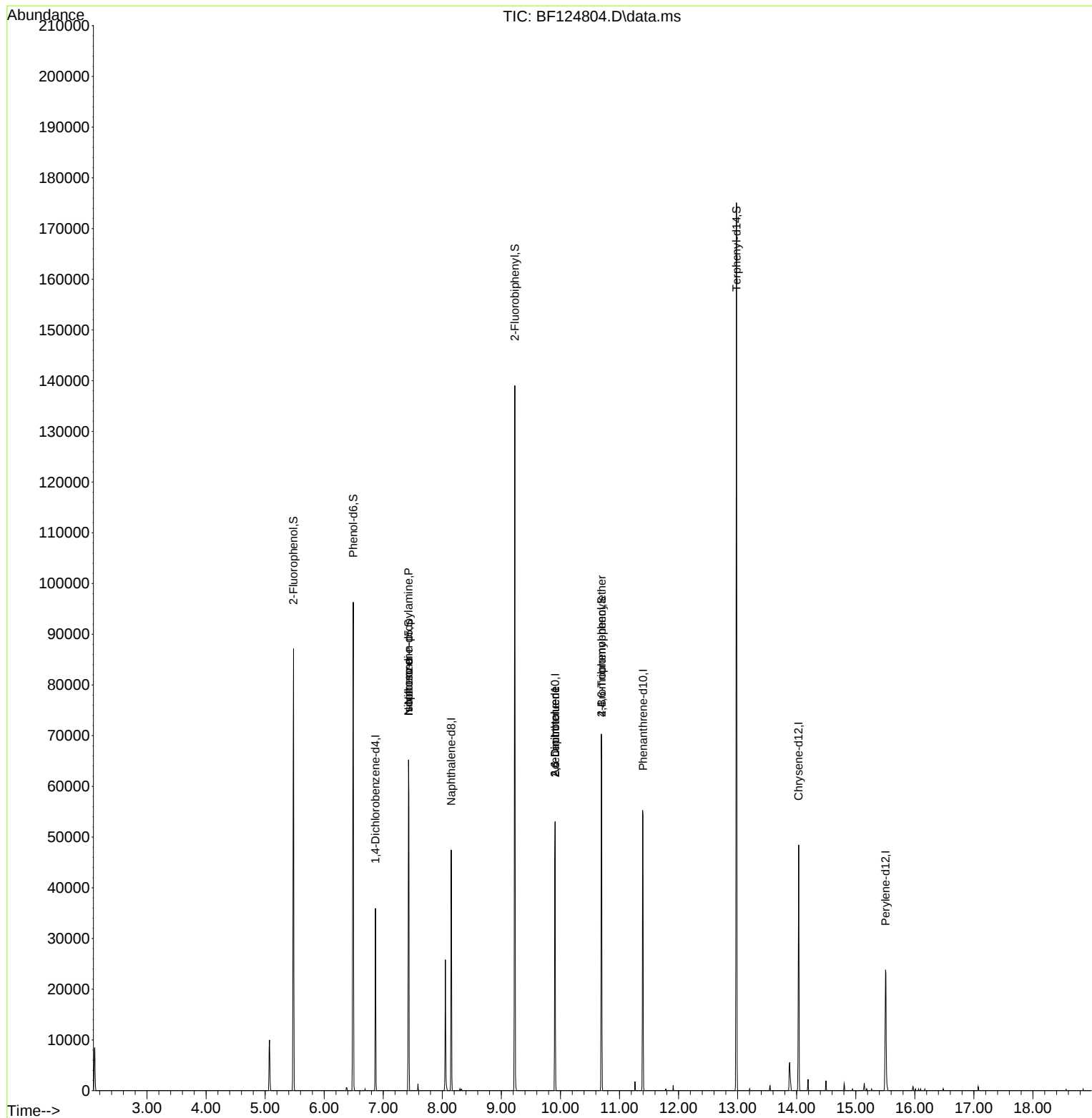
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	4819	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	19001	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11346	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	22372	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	17183	20.00	ng	# 0.00
86) Perylene-d12	15.504	264	13236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	20862	73.30	ng	0.00
7) Phenol-d6	6.492	99	28686	80.40	ng	0.00
23) Nitrobenzene-d5	7.428	82	19640	61.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	7409	76.05	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	37817	48.95	ng	0.00
79) Terphenyl-d14	12.980	244	54791	54.66	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	2539	13.33	ng	# 63
25) Isophorone	7.428	82	19639	34.79	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1304	7.56	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1304	5.57	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	504	2.12	ng	# 1

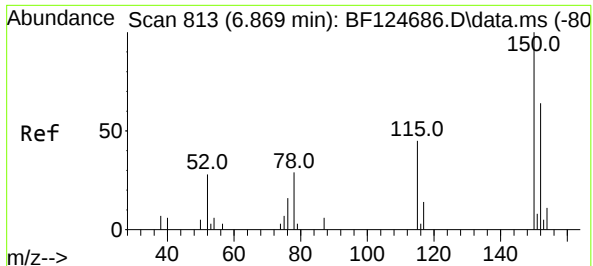
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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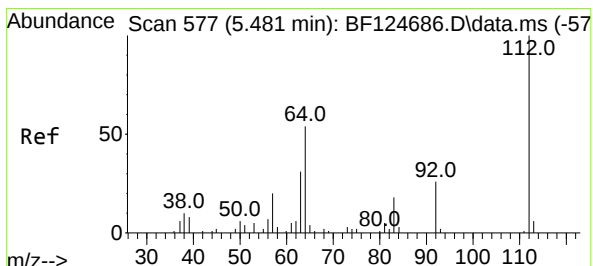
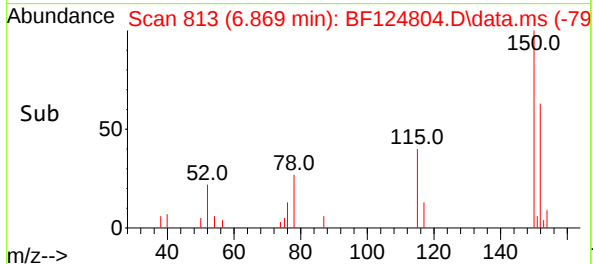
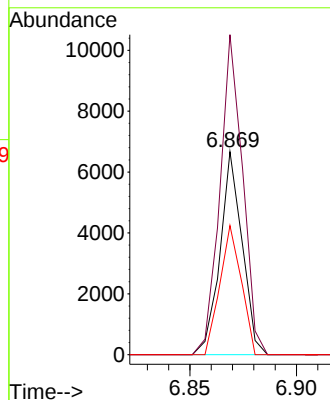
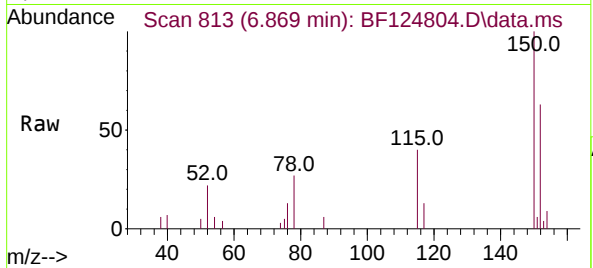




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

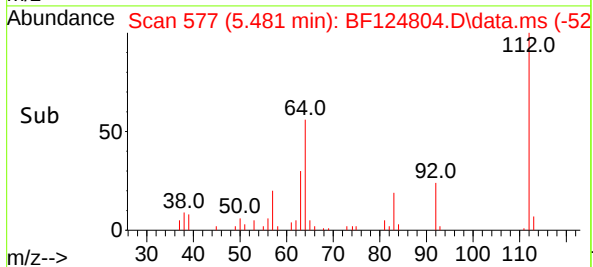
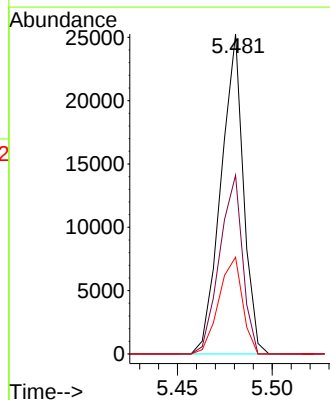
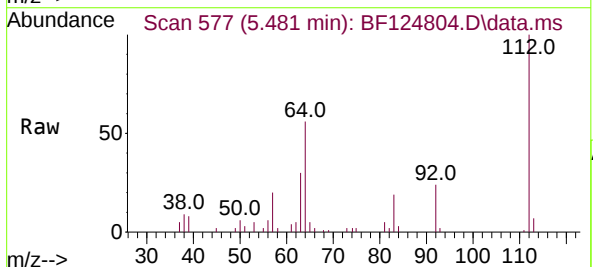
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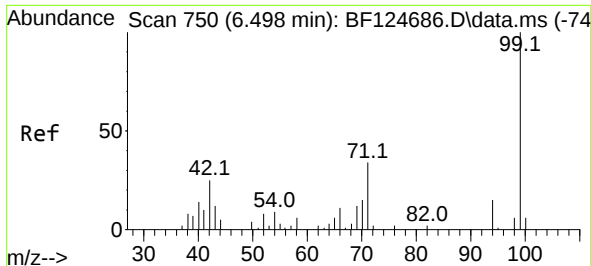
Tgt Ion:152 Resp: 4819
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 73.30 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion:112 Resp: 20862
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.2
63 30.3 26.2 39.2

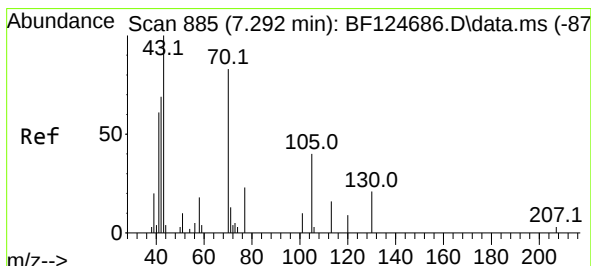
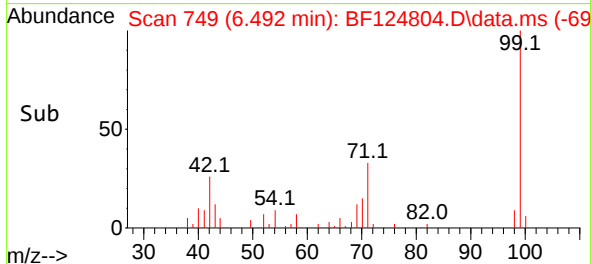
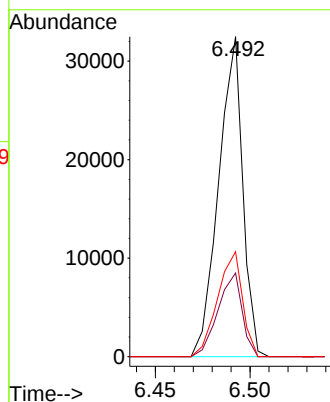
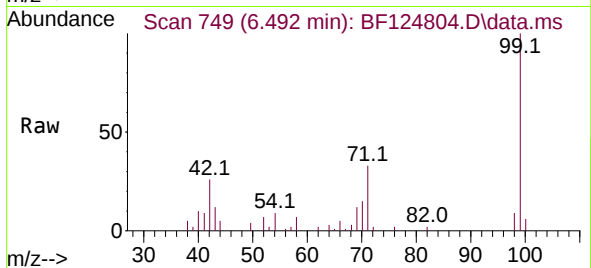




#7
Phenol-d6
Concen: 80.40 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

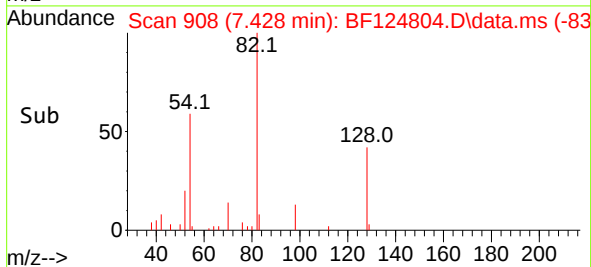
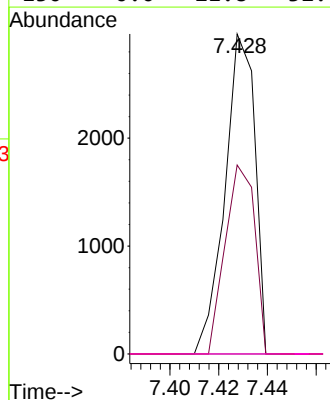
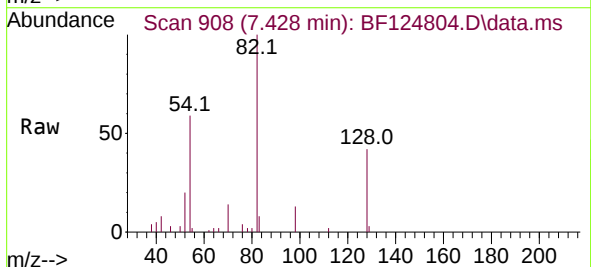
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Tgt Ion:	99	Resp:	28686
Ion	Ratio	Lower	Upper
99	100		
42	26.2	23.5	35.3
71	32.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.33 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion:	70	Resp:	2539
Ion	Ratio	Lower	Upper
70	100		
42	59.1	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

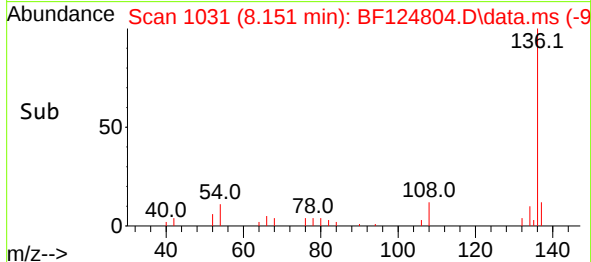
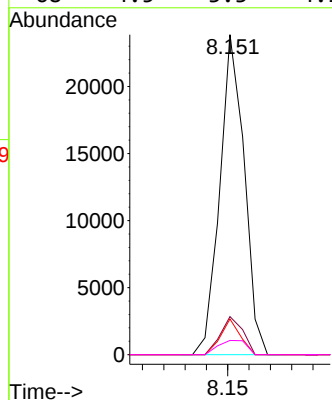
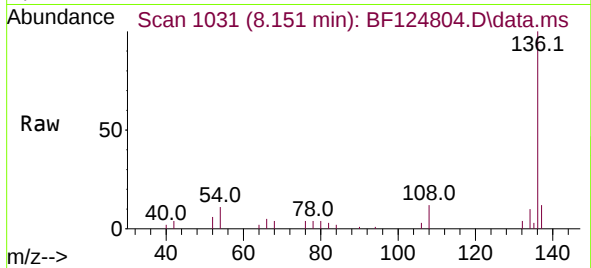




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

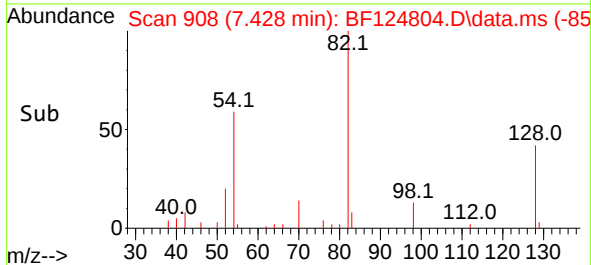
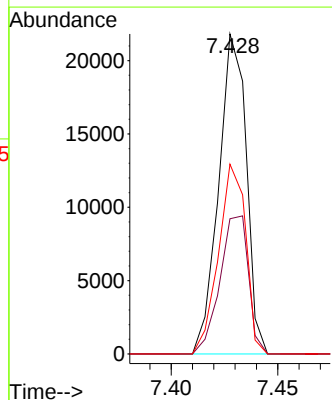
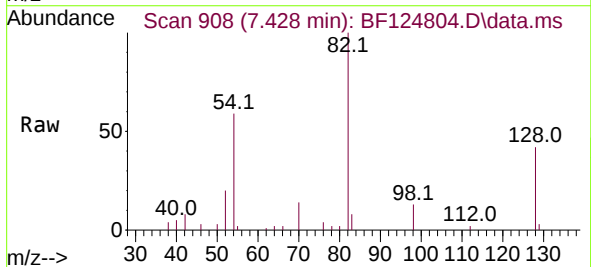
Instrument :
BNA_F
ClientSampleId :
20210588-AMENDED-COM-2

Tgt Ion:136	Resp:	19001
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.8 14.6
54	11.1	6.4 9.6#
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 61.52 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion: 82	Resp:	19640
Ion Ratio	Lower	Upper
82	100	
128	42.2	40.6 60.8
54	59.3	49.6 74.4

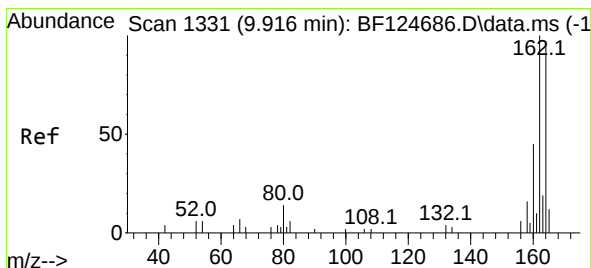
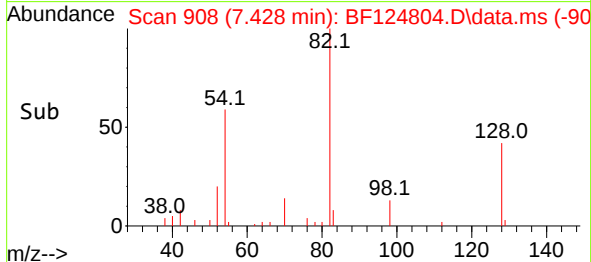
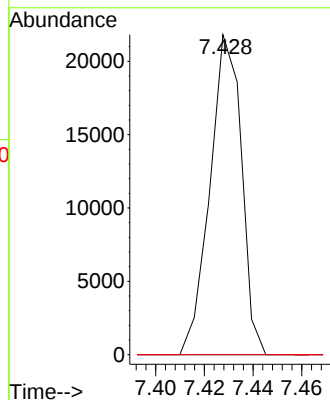
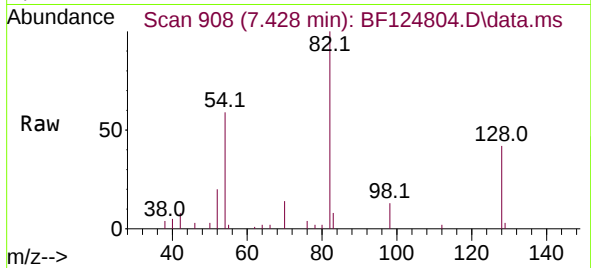




#25
Isophorone
Concen: 34.79 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

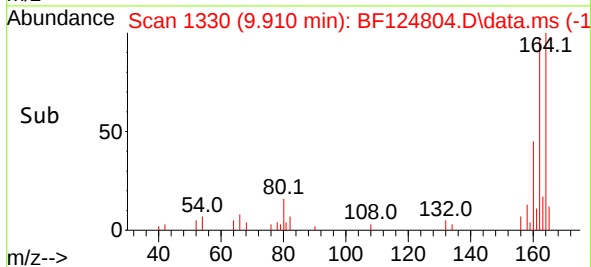
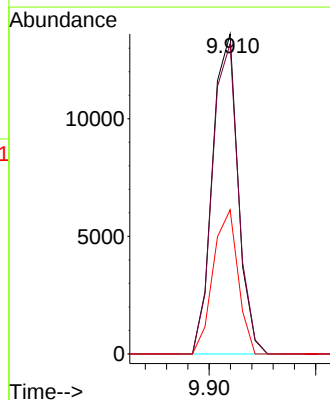
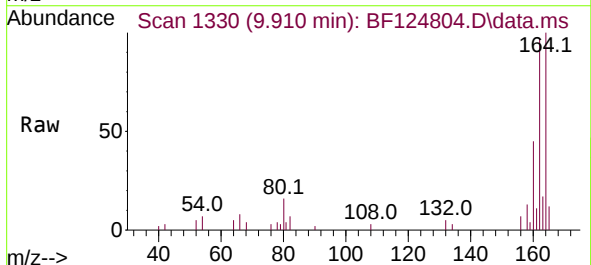
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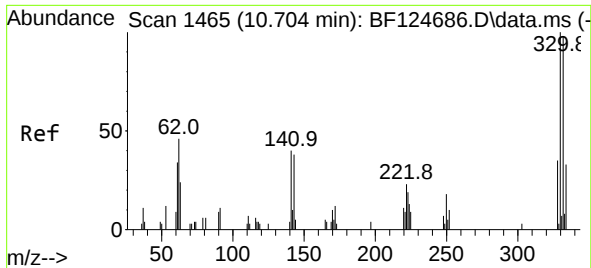
Tgt Ion: 82 Resp: 19639
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion: 164 Resp: 11346
Ion Ratio Lower Upper
164 100
162 97.0 81.3 121.9
160 45.0 38.0 57.0

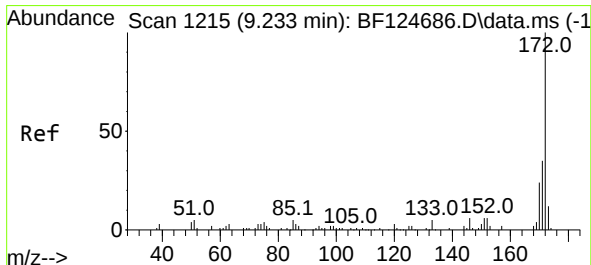
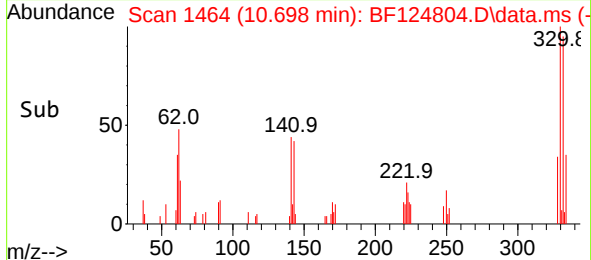
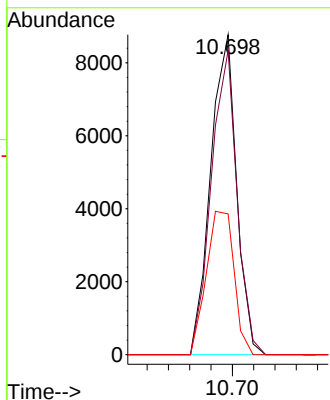
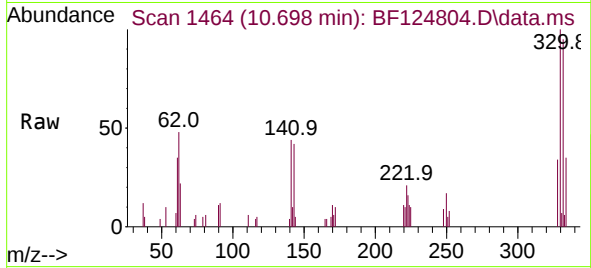




#42
2,4,6-Tribromophenol
Concen: 76.05 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

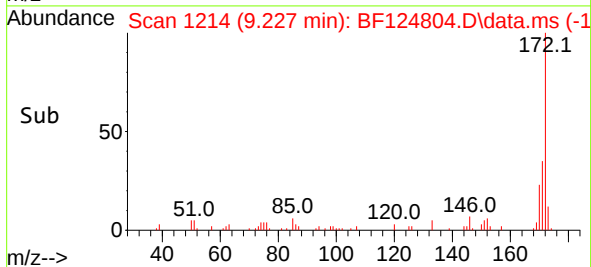
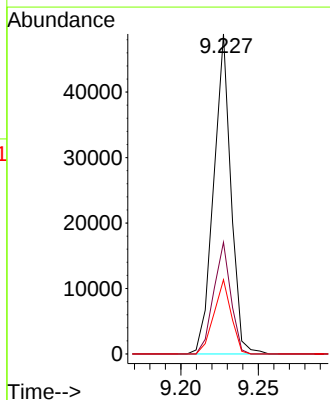
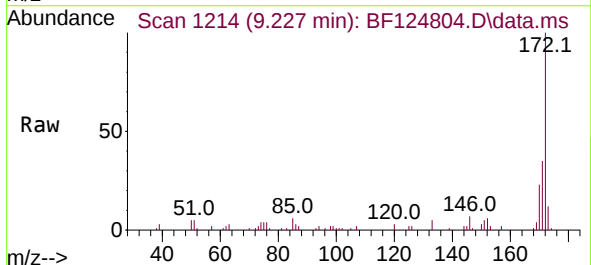
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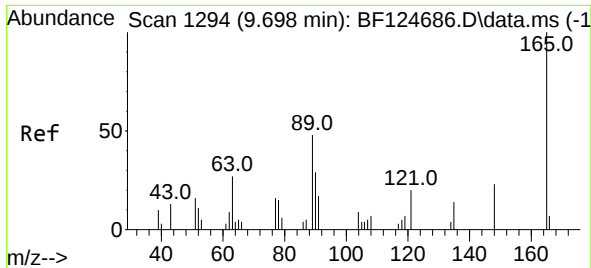
Tgt Ion: 330 Resp: 7409
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 47.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 48.95 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion: 172 Resp: 37817
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.2 18.8 28.2

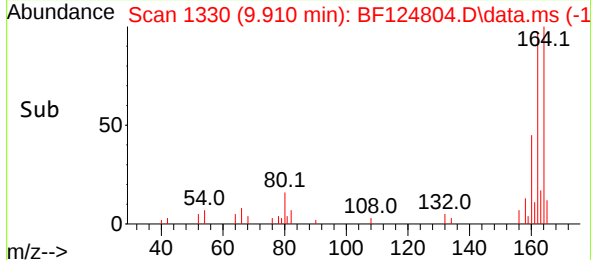
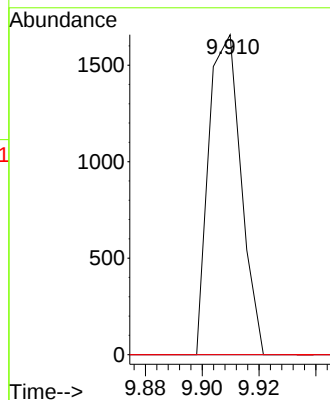
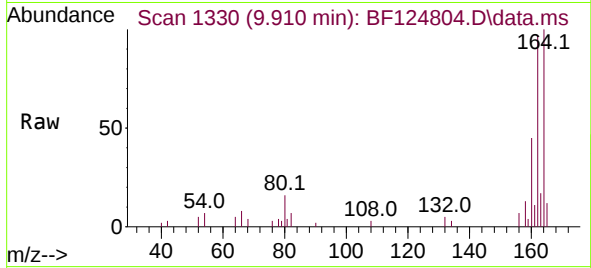




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

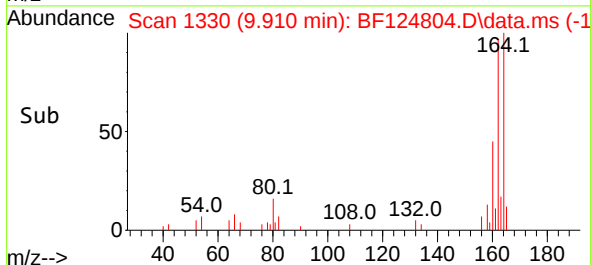
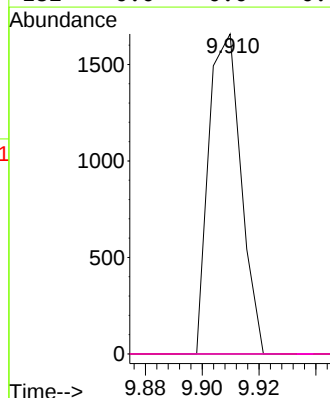
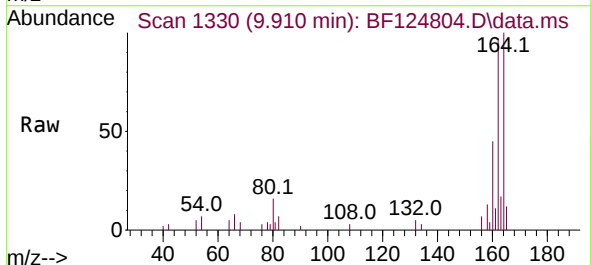
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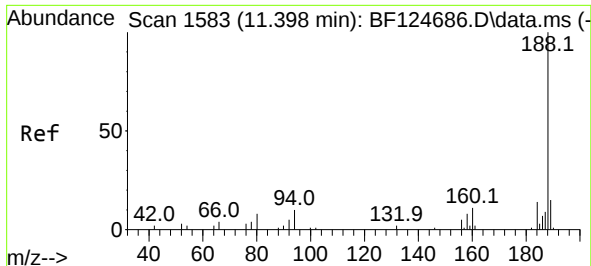
Tgt Ion:165 Resp: 1304
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion:165 Resp: 1304
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

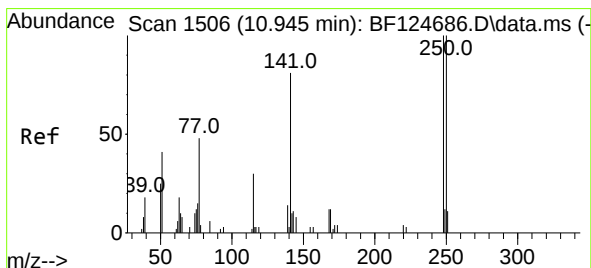
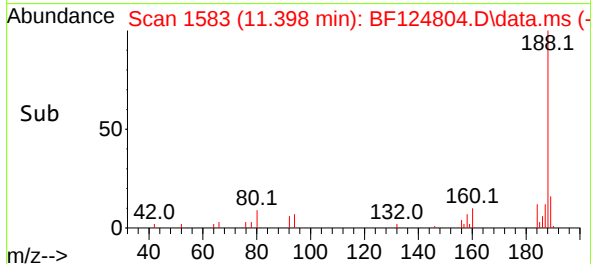
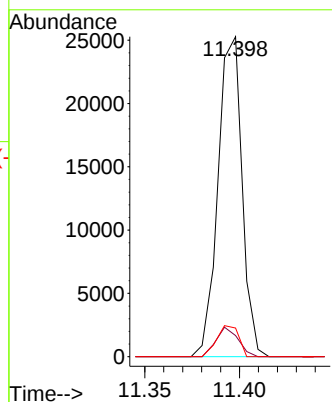
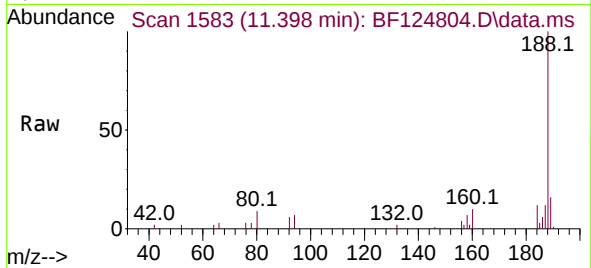




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

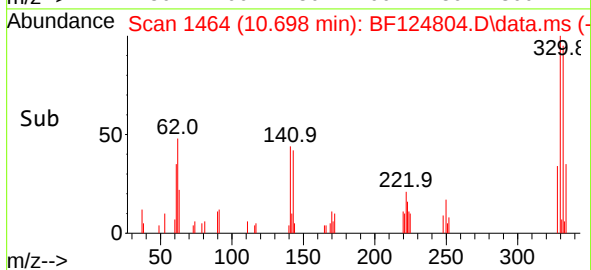
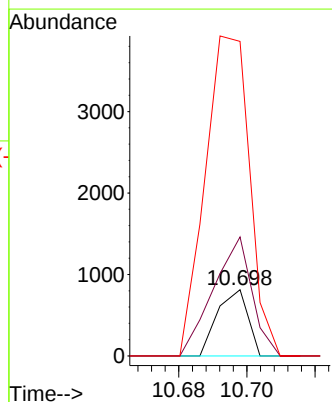
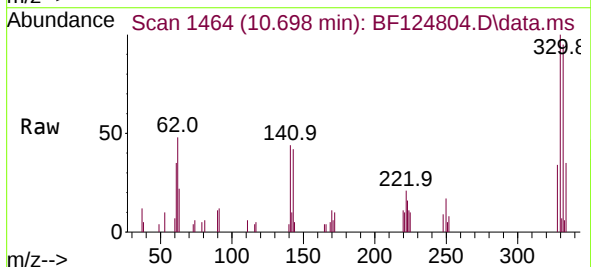
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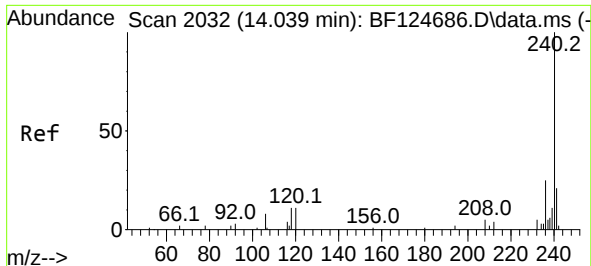
Tgt Ion:188 Resp: 22372
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.12 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion:248 Resp: 504
Ion Ratio Lower Upper
248 100
250 179.5 74.2 111.4#
141 474.3 60.4 90.6#

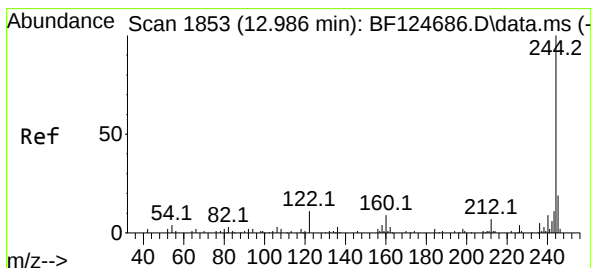
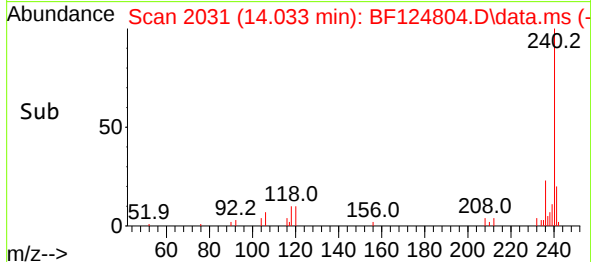
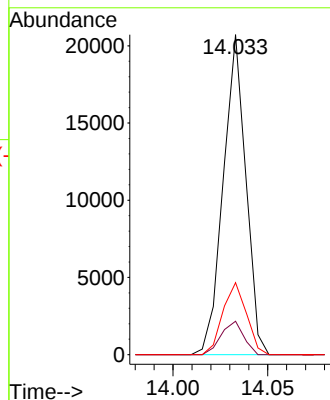
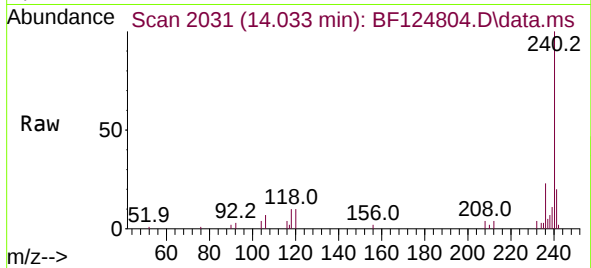




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

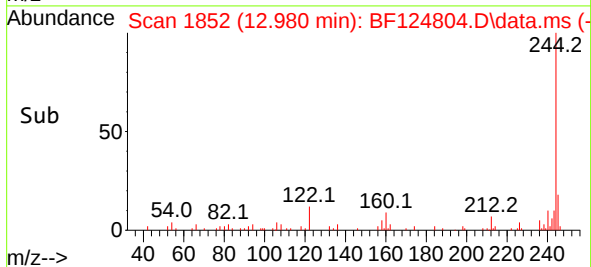
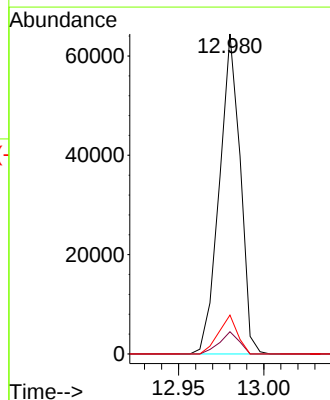
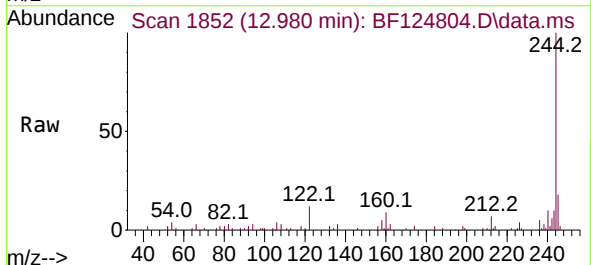
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BNA_F
ClientSampleId :
20210588-AMENDED-COM-2

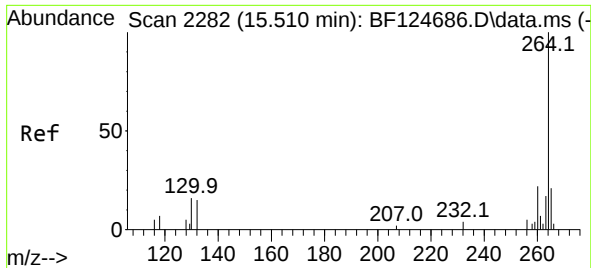
Tgt Ion:240 Resp: 17183
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 22.5 21.6 32.4



#79
Terphenyl-d14
Concen: 54.66 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124804.D
Acq: 27 Jul 2021 20:58

Tgt Ion:244 Resp: 54791
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.006 min
 Lab File: BF124804.D
 Acq: 27 Jul 2021 20:58

Instrument :
 BNA_F
 ClientSampleId :
 20210588-AMENDED-COM-2

Tgt Ion:264	Resp:	13236
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.6 29.4
265	21.2	17.2 25.8

