

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124700.D
 Acq On : 22 Jul 2021 21:04
 Operator : JU/CG
 Sample : M3093-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210529-COM-2

Quant Time: Jul 23 02:06:26 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)

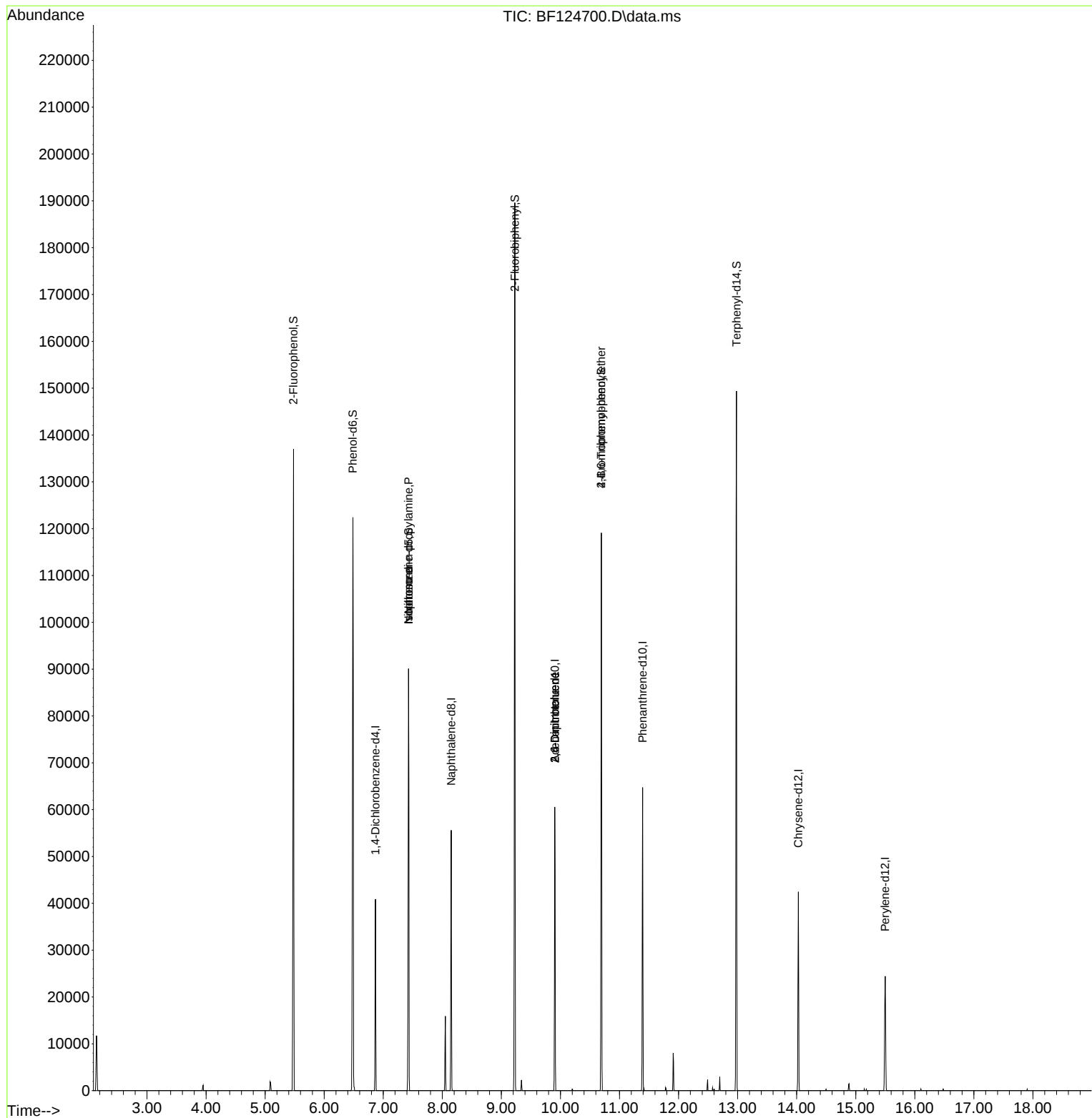
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5716	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22587	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	12085	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	22470	20.00	ng	0.00
76) Chrysene-d12	14.027	240	14387	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	35796	106.03	ng	0.00
7) Phenol-d6	6.487	99	42681	100.85	ng	-0.01
23) Nitrobenzene-d5	7.428	82	26007	68.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10831	104.38	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	51568	62.67	ng	0.00
79) Terphenyl-d14	12.980	244	48356	57.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	3344	14.80	ng	# 73
25) Isophorone	7.428	82	26007	38.76	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1536	8.36	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1536	6.16	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	823	3.45	ng	# 1

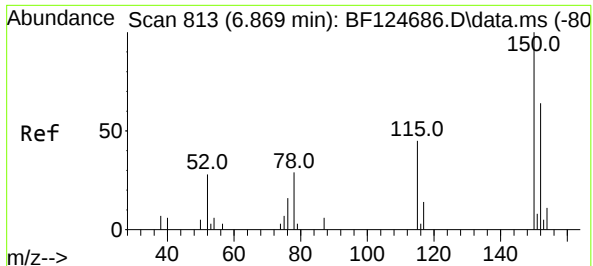
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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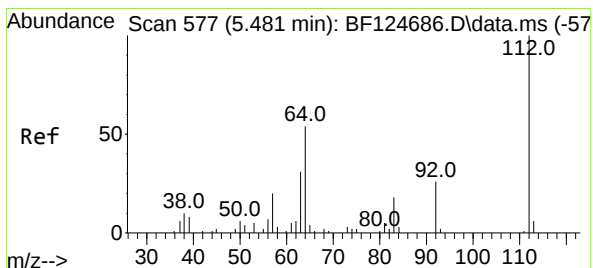
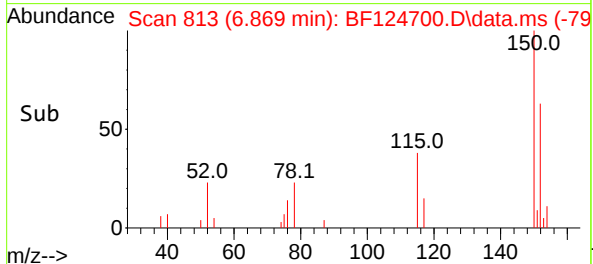
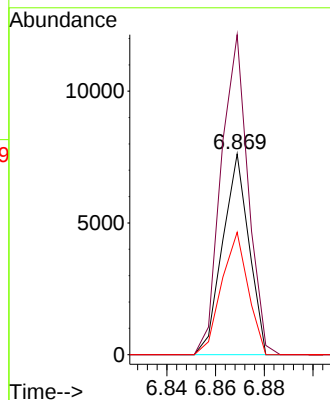
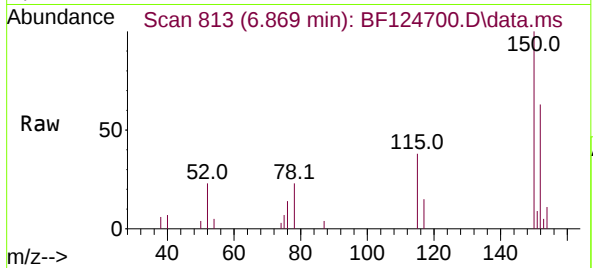




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

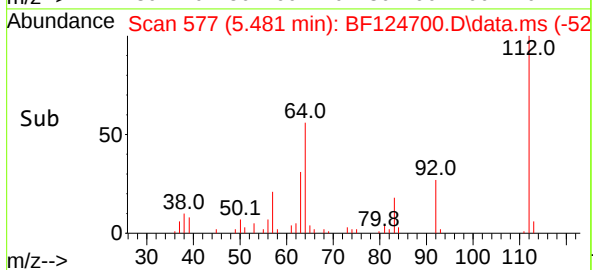
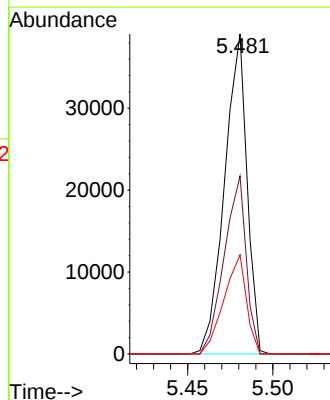
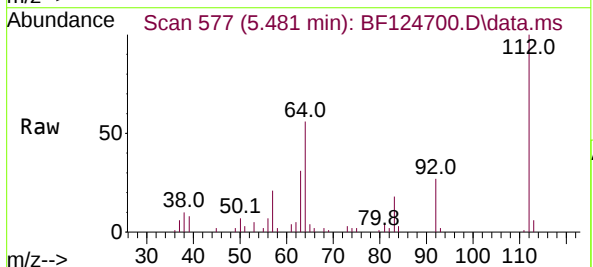
Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion:152 Resp: 5716
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 106.03 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:112 Resp: 35796
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.0 26.2 39.2

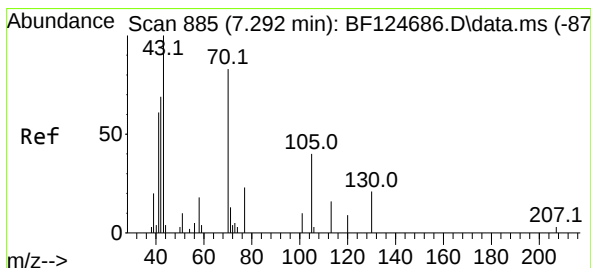
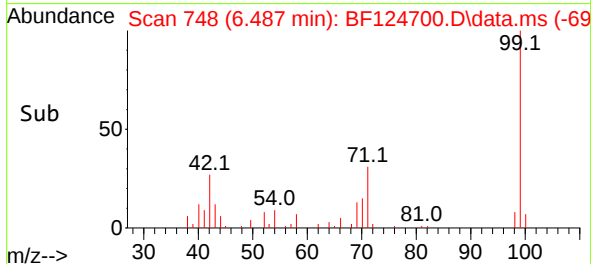
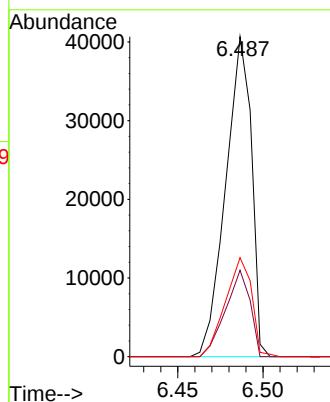
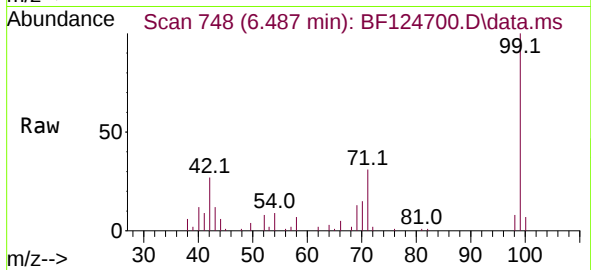




#7
Phenol-d6
Concen: 100.85 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

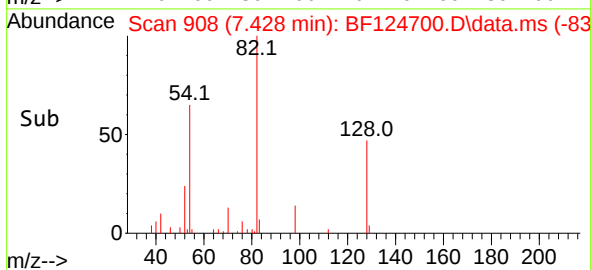
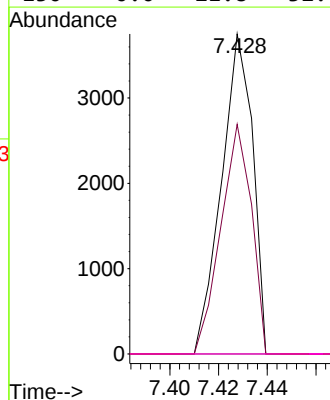
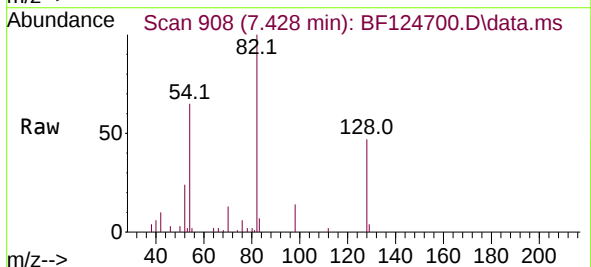
Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion:	99	Resp:	42681
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	31.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.80 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:	70	Resp:	3344
Ion	Ratio	Lower	Upper
70	100		
42	71.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

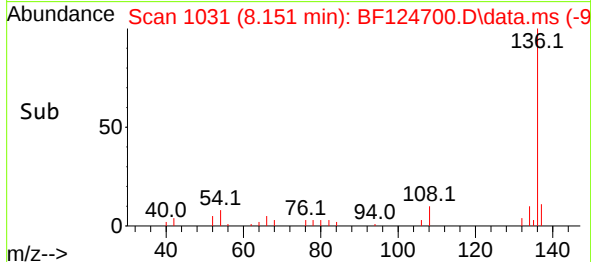
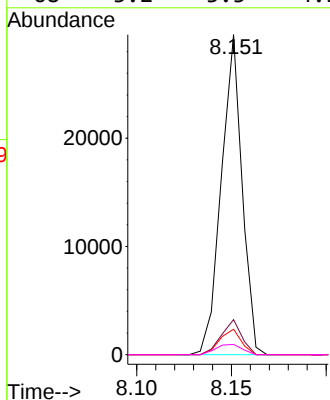
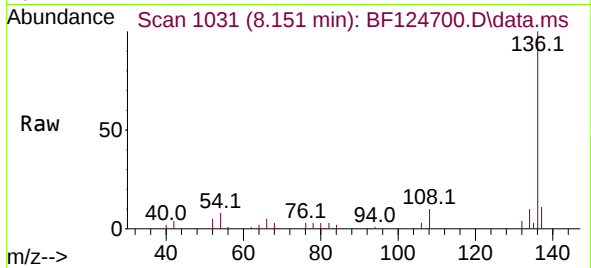




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

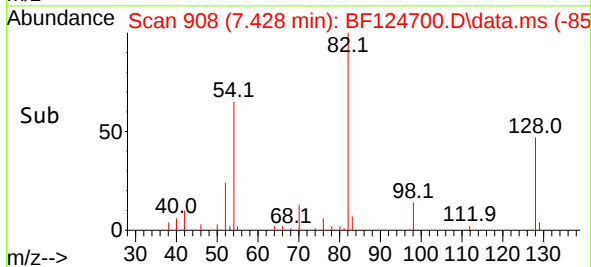
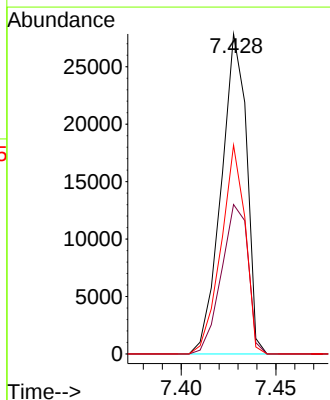
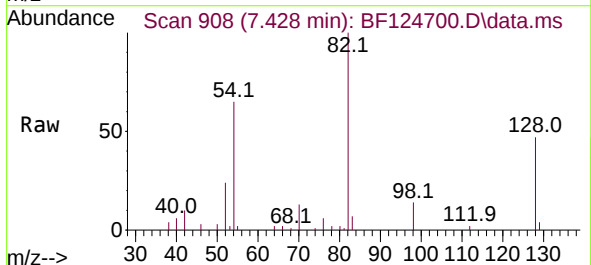
Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion:	136	Resp:	22587
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.0	6.4	9.6
68	3.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 68.53 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:	82	Resp:	26007
Ion	Ratio	Lower	Upper
82	100		
128	46.7	40.6	60.8
54	65.2	49.6	74.4

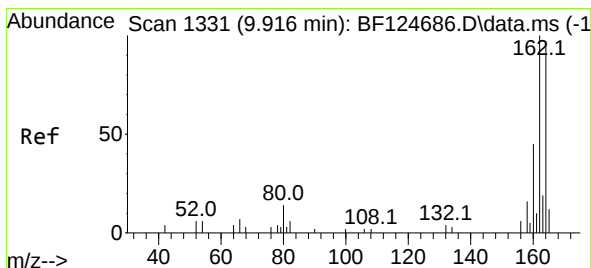
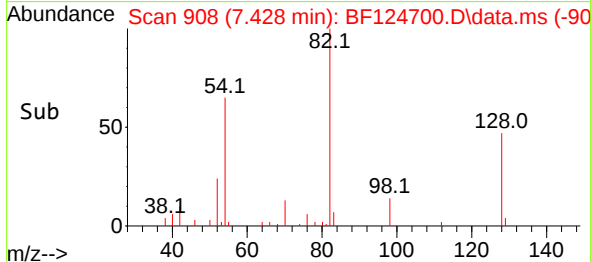
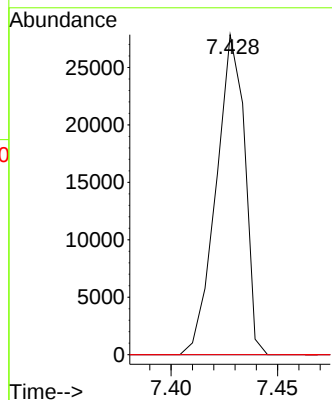
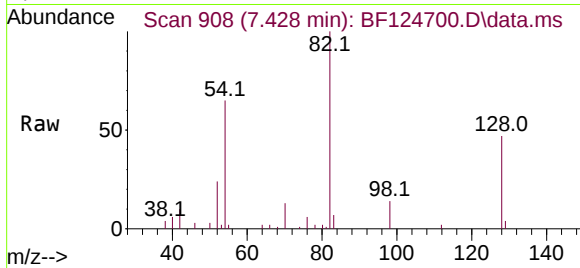




#25
Isophorone
Concen: 38.76 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

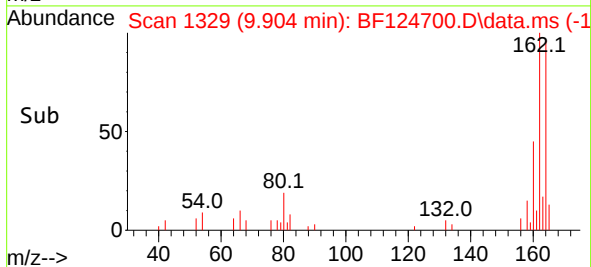
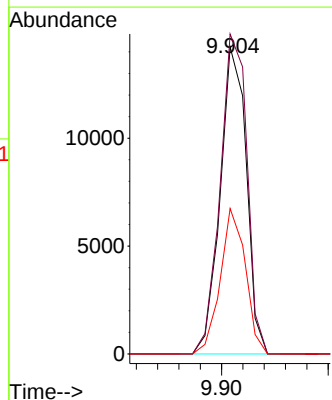
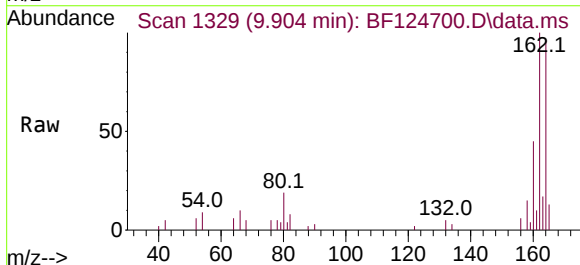
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20210529-COM-2

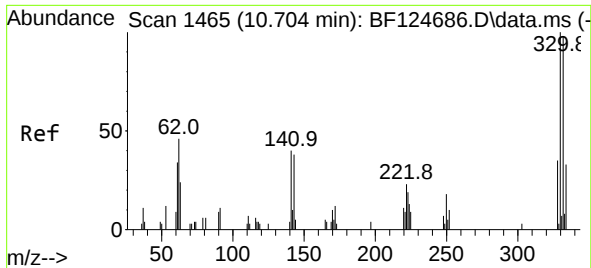
Tgt Ion: 82 Resp: 26007
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion: 164 Resp: 12085
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 47.4 38.0 57.0

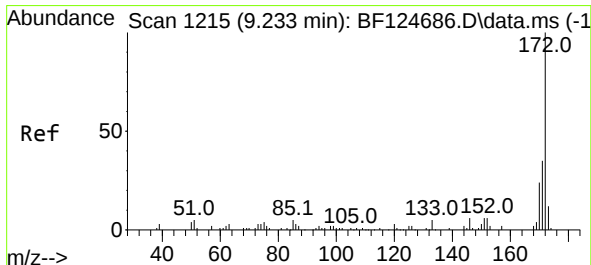
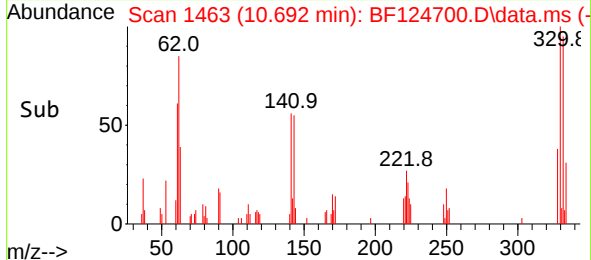
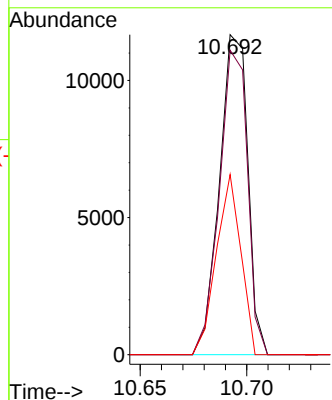
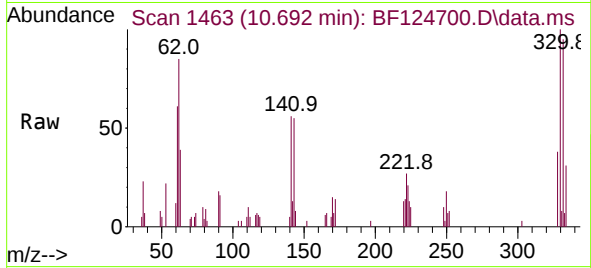




#42
2,4,6-Tribromophenol
Concen: 104.38 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

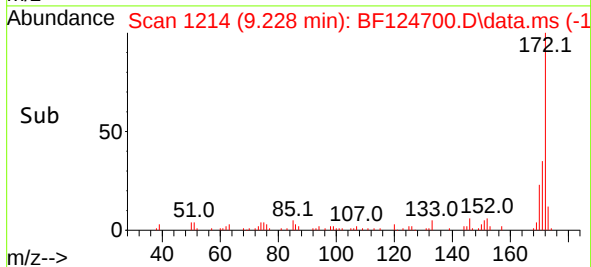
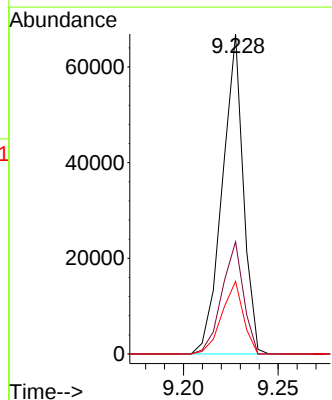
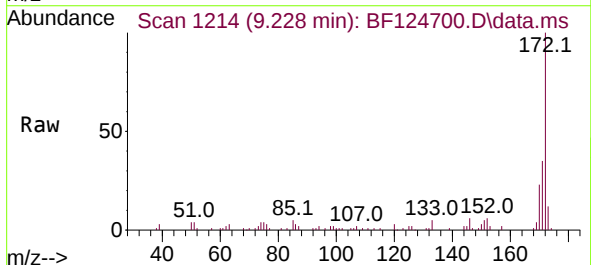
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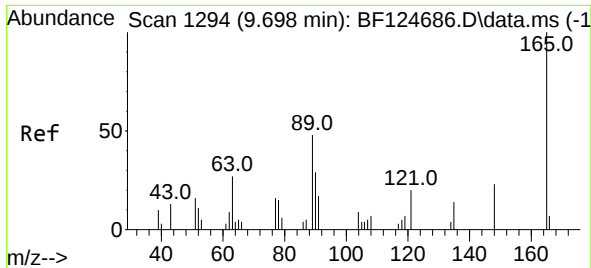
Tgt Ion: 330 Resp: 10831
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 48.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 62.67 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion: 172 Resp: 51568
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 22.7 18.8 28.2

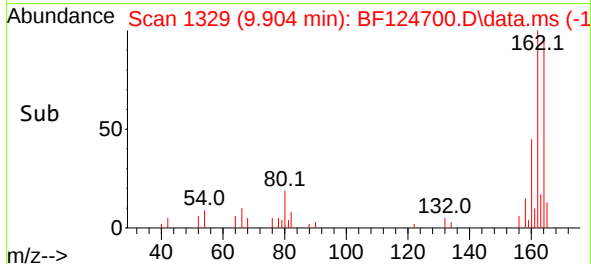
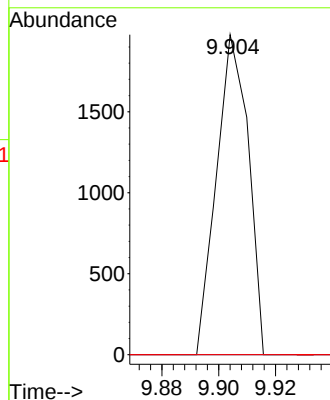
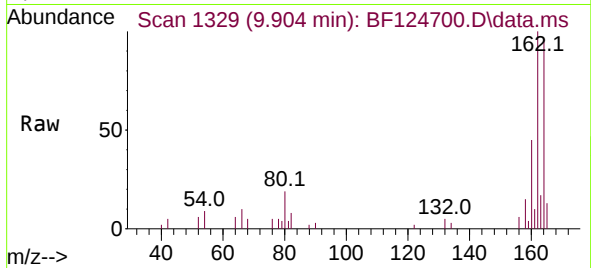




#51
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

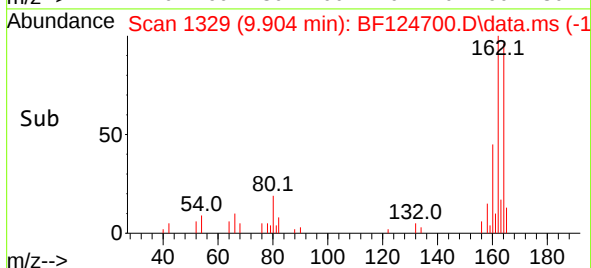
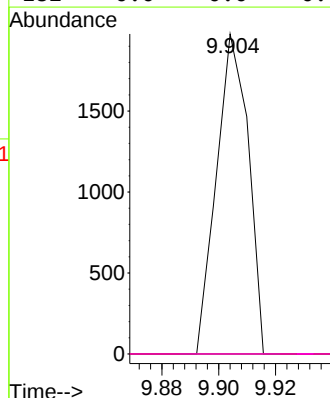
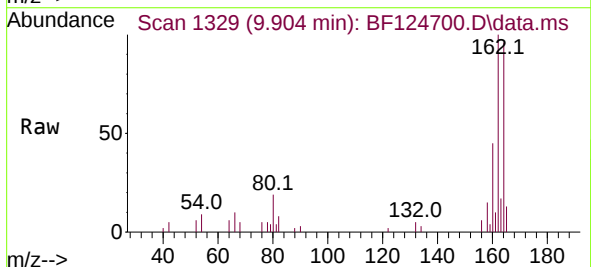
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BNA_F
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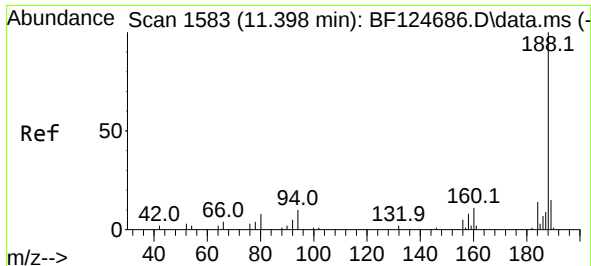
Tgt Ion:165 Resp: 1536
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:165 Resp: 1536
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

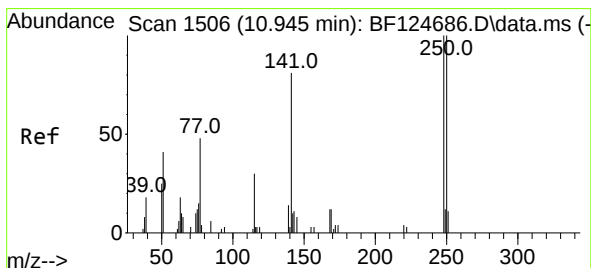
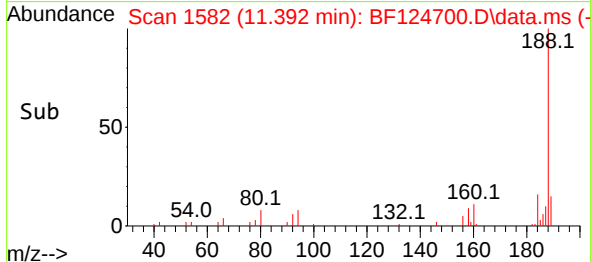
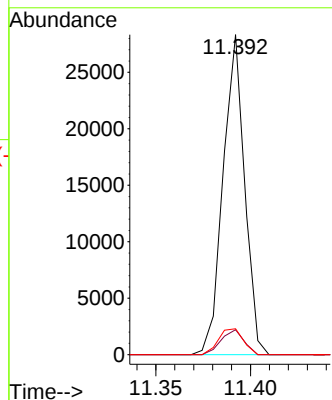
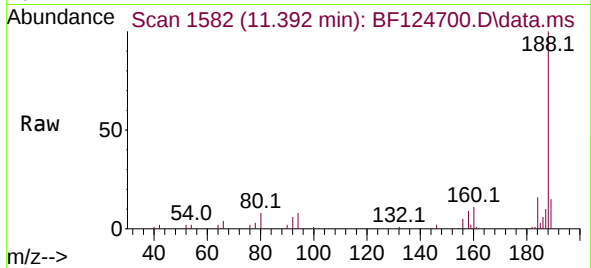




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

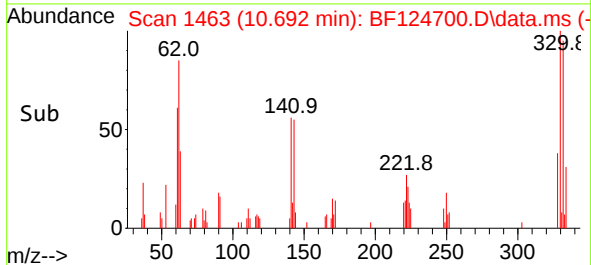
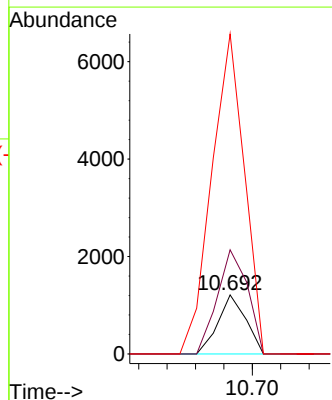
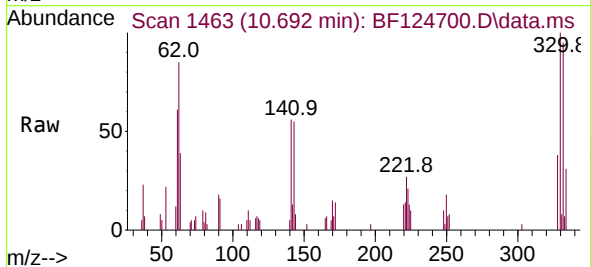
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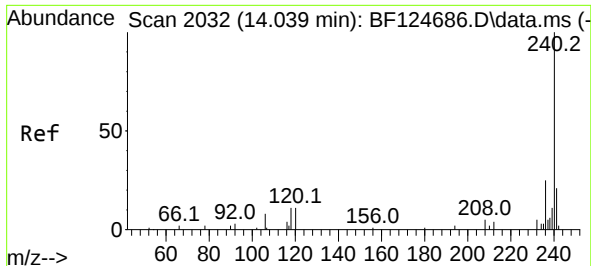
Tgt Ion:188 Resp: 22470
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:248 Resp: 823
Ion Ratio Lower Upper
248 100
250 176.6 74.2 111.4#
141 542.0 60.4 90.6#

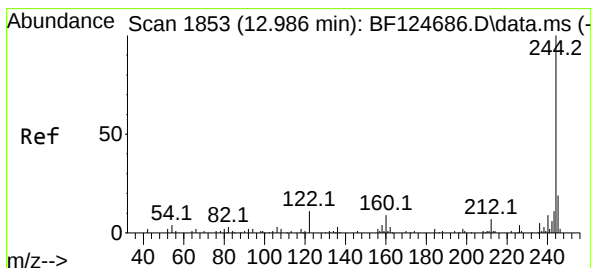
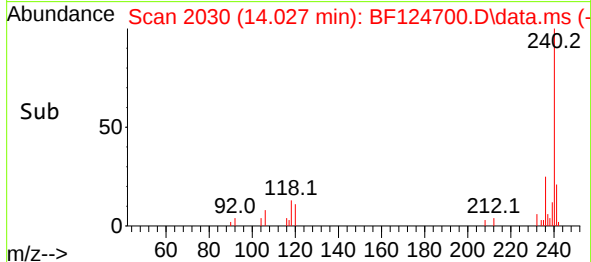
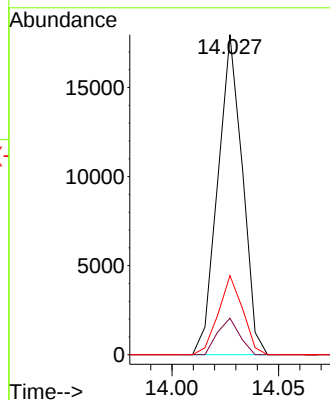
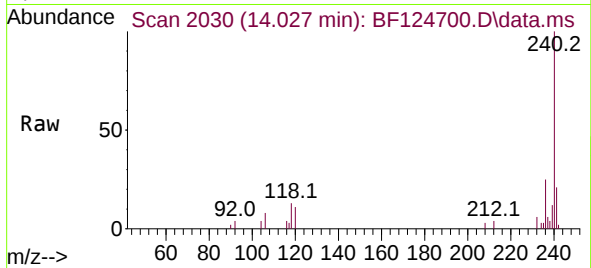




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

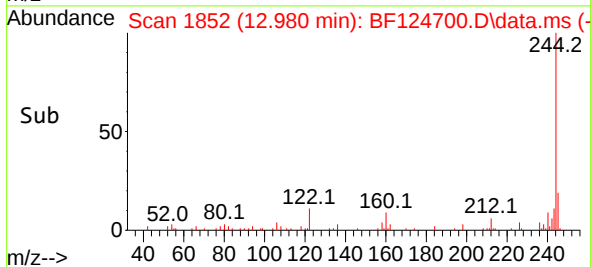
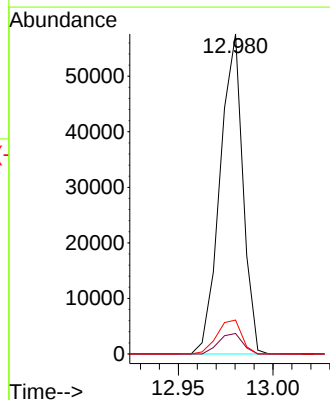
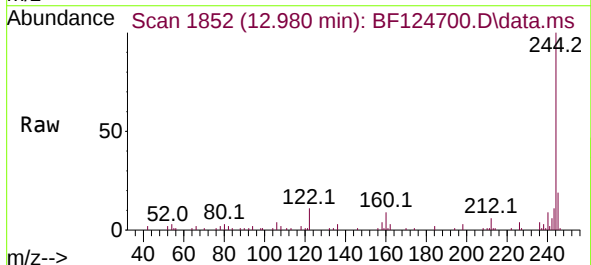
Instrument :
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ClientSampleId :
20210529-COM-2

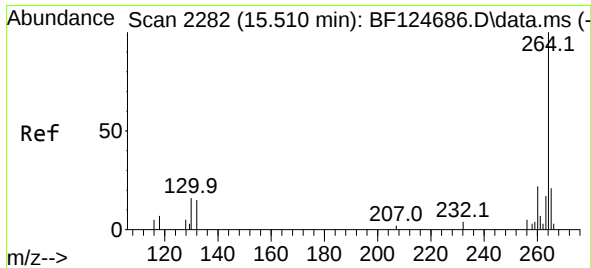
Tgt Ion:240 Resp: 14387
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 24.7 21.6 32.4



#79
Terphenyl-d14
Concen: 57.61 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

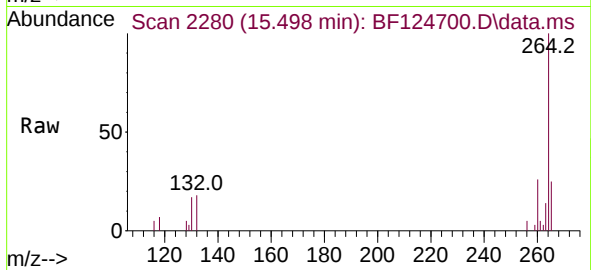
Tgt Ion:244 Resp: 48356
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124700.D
 Acq: 22 Jul 2021 21:04

Instrument :
 BNA_F
 ClientSampleId :
 20210529-COM-2



Tgt Ion:264	Resp:	12180
Ion Ratio	Lower	Upper
264	100	
260	26.2	19.6 29.4
265	24.7	17.2 25.8

