

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124813.D
 Acq On : 28 Jul 2021 1:58
 Operator : JU/CG
 Sample : M3194-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072621

Quant Time: Jul 28 03:09:01 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)

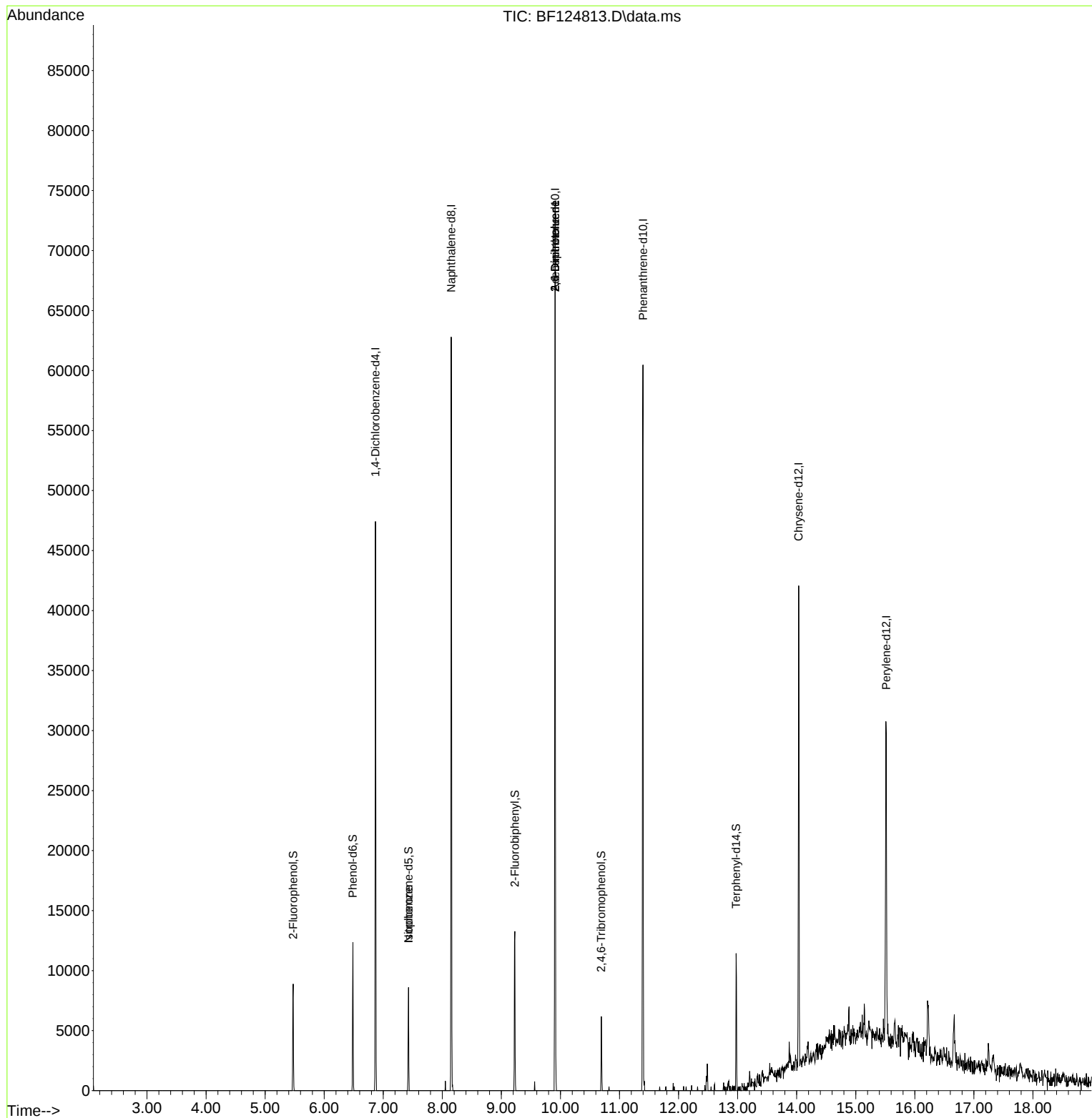
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6286	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24755	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14044	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	23551	20.00	ng	0.00
76) Chrysene-d12	14.033	240	14663	20.00	ng	0.00
86) Perylene-d12	15.515	264	13086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3055	8.23	ng	0.00
7) Phenol-d6	6.486	99	3777	8.12	ng	-0.01
23) Nitrobenzene-d5	7.428	82	2699	6.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	1060	8.79	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	5558	5.81	ng	0.00
79) Terphenyl-d14	12.974	244	5163	6.04	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.428	82	2699	3.67	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1865	8.73	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1865	6.43	ng	# 18

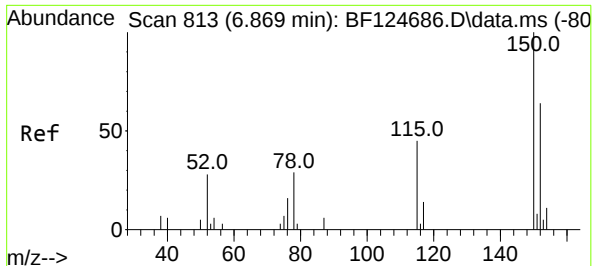
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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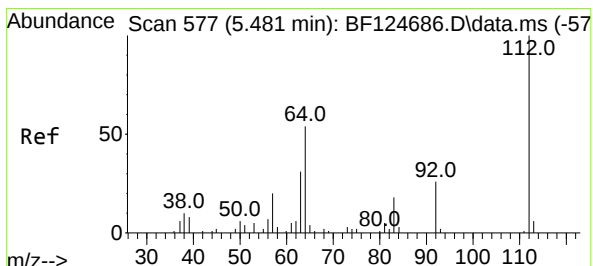
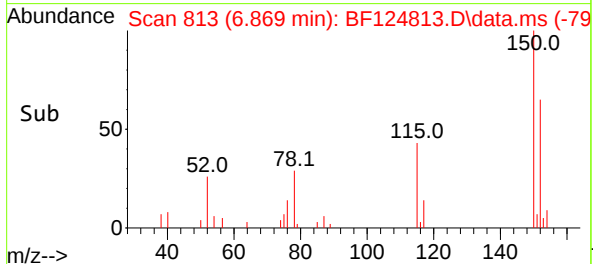
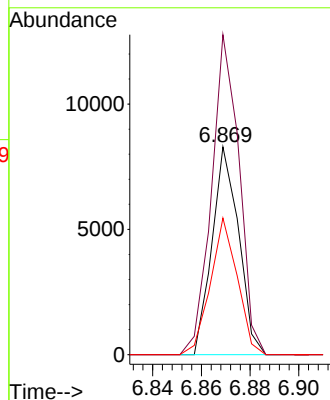
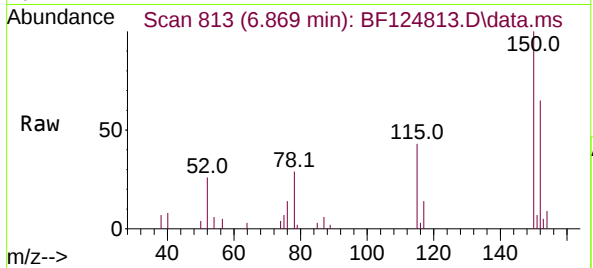




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

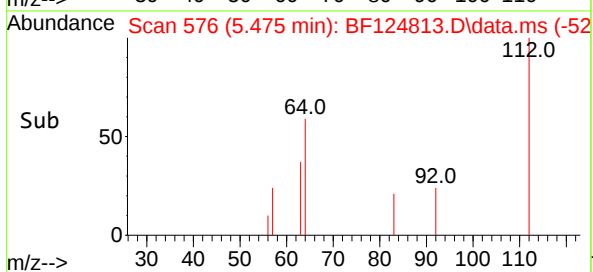
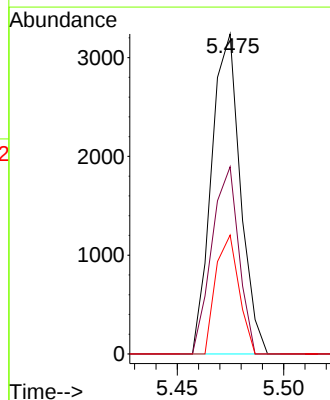
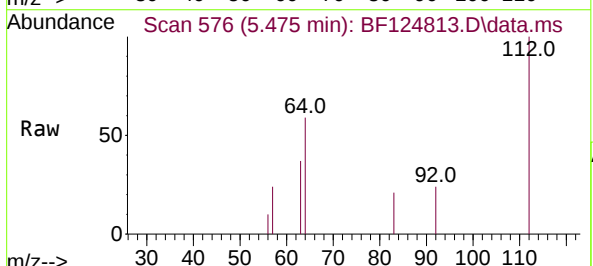
Instrument :
BNA_F
ClientSampleId :
JC-03-072621

Tgt Ion:152 Resp: 6286
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 65.7 47.1 70.7



#5
2-Fluorophenol
Concen: 8.23 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

Tgt Ion:112 Resp: 3055
Ion Ratio Lower Upper
112 100
64 58.5 44.2 66.2
63 37.2 26.2 39.2

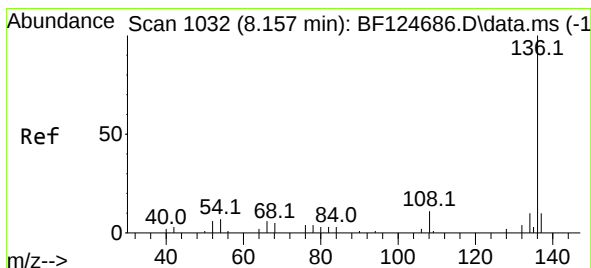
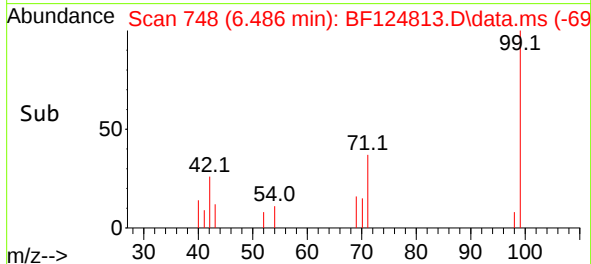
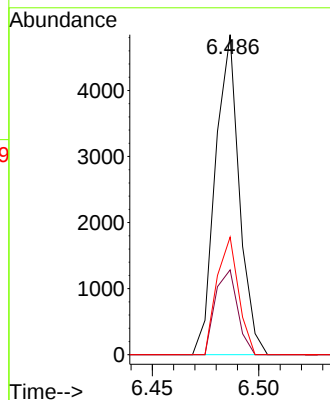
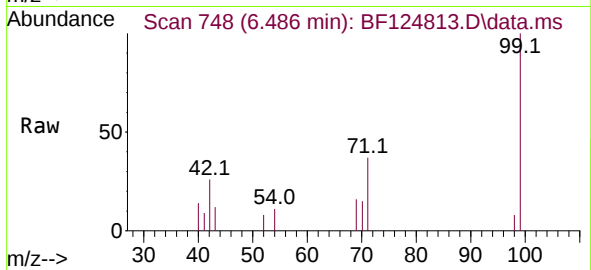




#7
Phenol-d6
Concen: 8.12 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

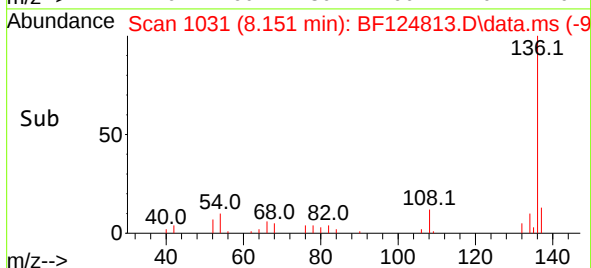
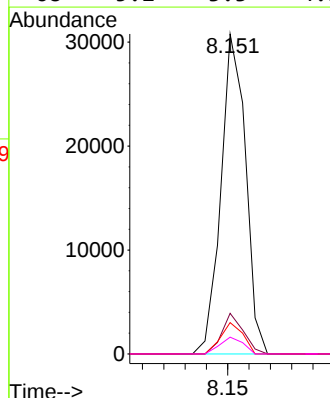
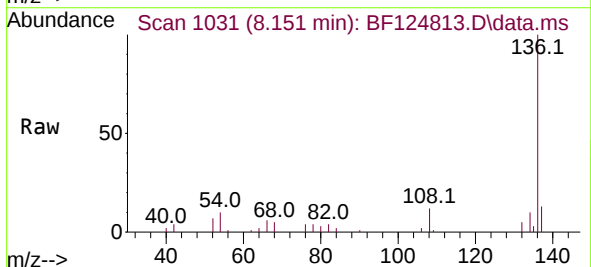
Instrument :
BNA_F
ClientSampleId :
JC-03-072621

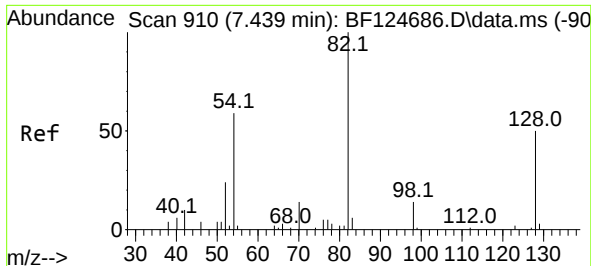
Tgt Ion:	99	Resp:	3777
Ion	Ratio	Lower	Upper
99	100		
42	26.5	23.5	35.3
71	36.7	25.6	38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

Tgt Ion:	136	Resp:	24755
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.6
54	9.8	6.4	9.6#
68	5.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 6.49 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124813.D

Acq: 28 Jul 2021 1:58

Tgt Ion: 82 Resp: 2699

Ion Ratio Lower Upper

82 100

128 45.7 40.6 60.8

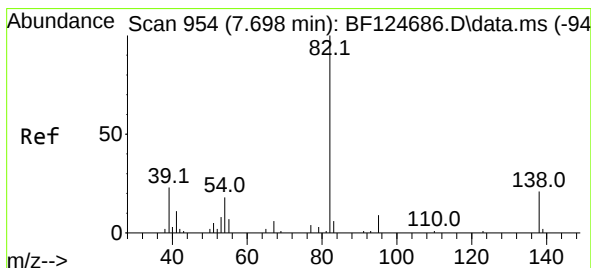
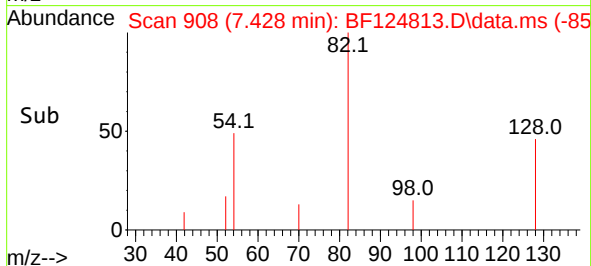
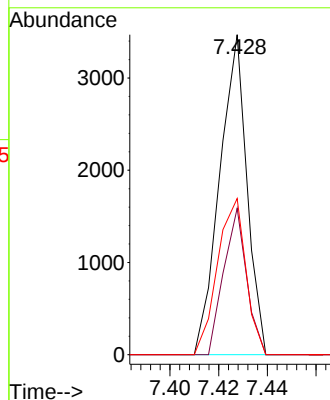
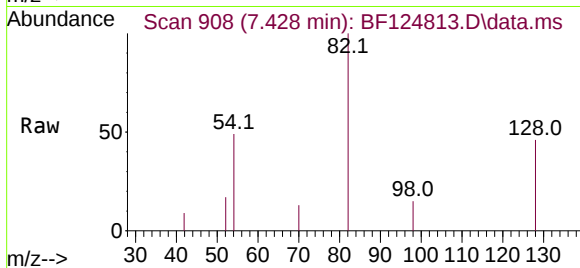
54 48.8 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

JC-03-072621



#25

Isophorone

Concen: 3.67 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF124813.D

Acq: 28 Jul 2021 1:58

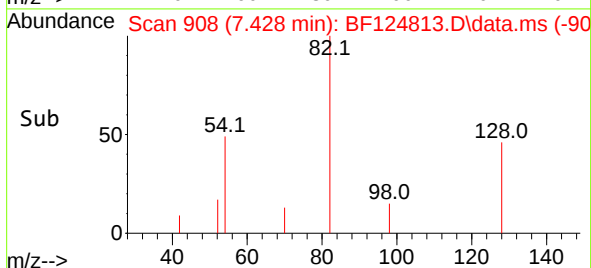
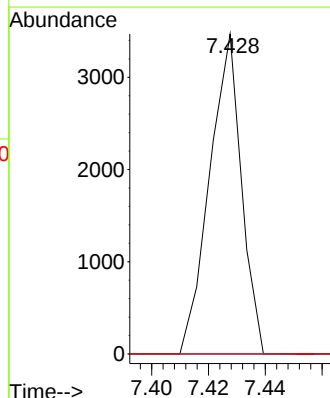
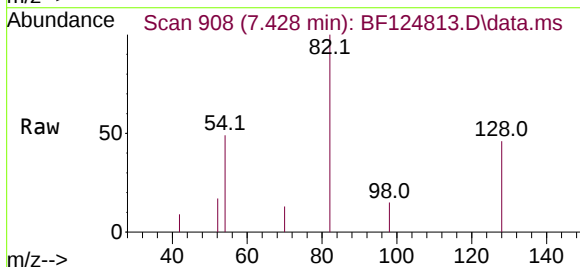
Tgt Ion: 82 Resp: 2699

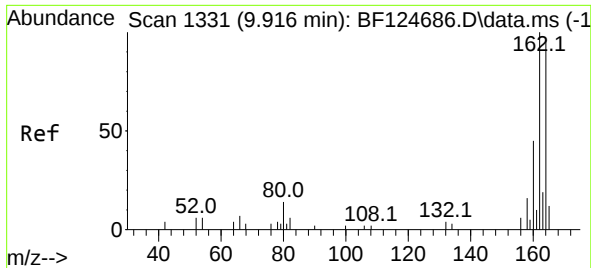
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

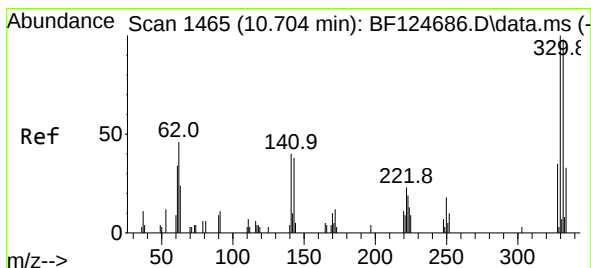
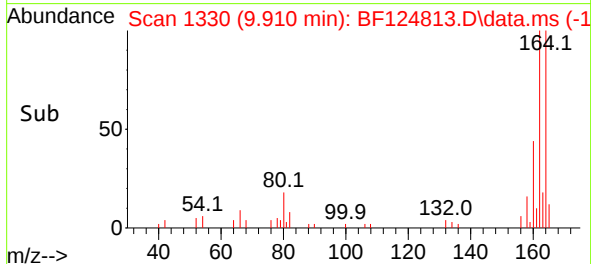
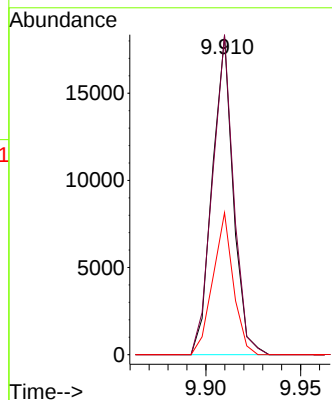
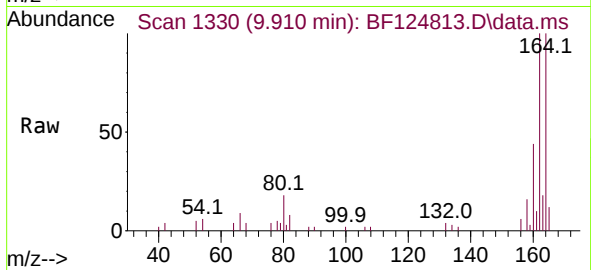




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

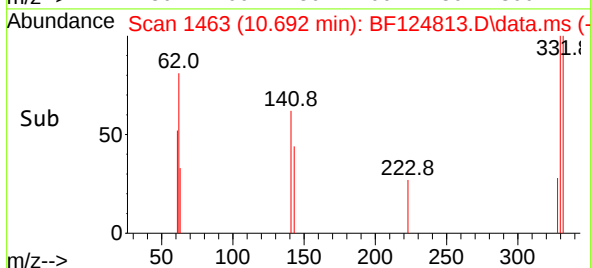
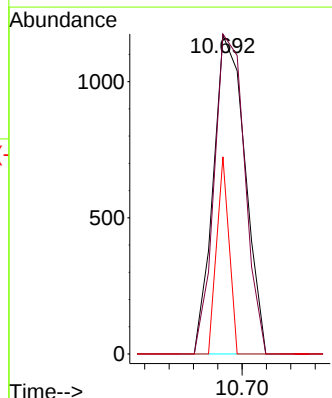
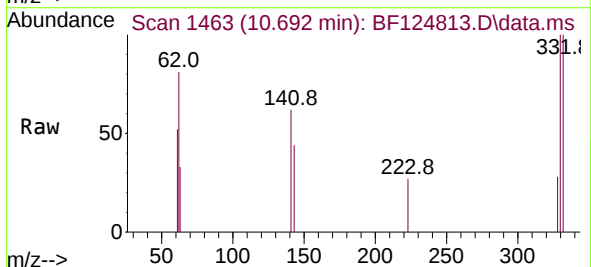
Instrument :
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ClientSampleId :
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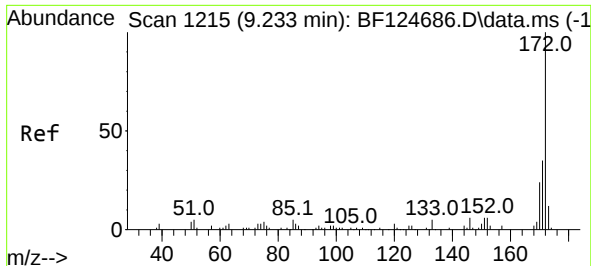
Tgt Ion:164	Resp:	14044
Ion Ratio	Lower	Upper
164	100	
162	100.3	81.3 121.9
160	44.5	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 8.79 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

Tgt Ion:330	Resp:	1060
Ion Ratio	Lower	Upper
330	100	
332	96.3	76.2 114.4
141	24.1	44.6 66.8#

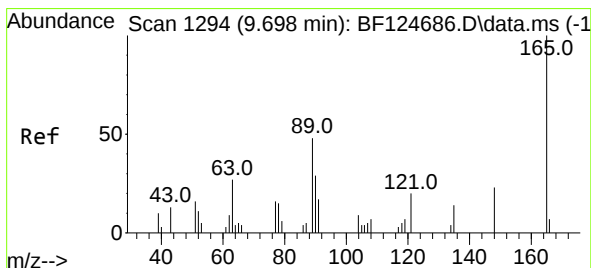
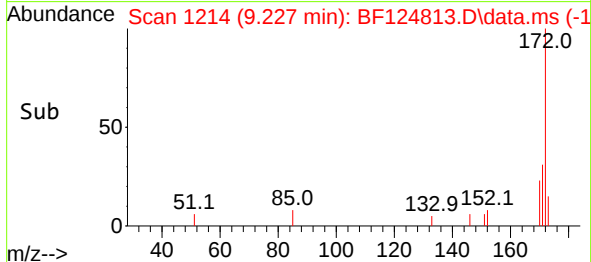
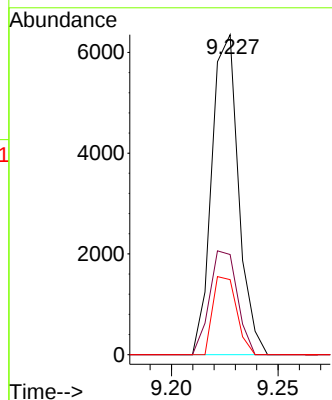
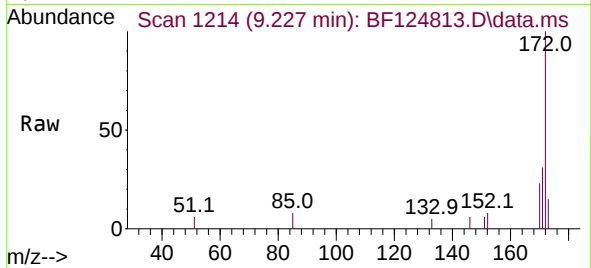




#45
2-Fluorobiphenyl
Concen: 5.81 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

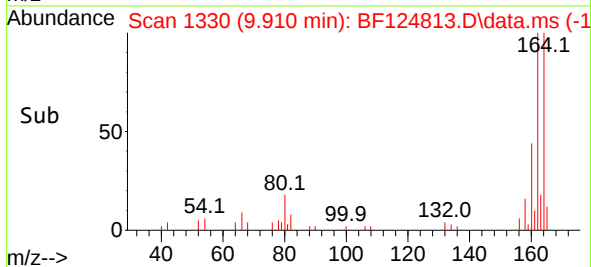
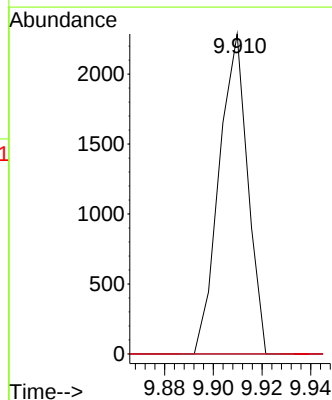
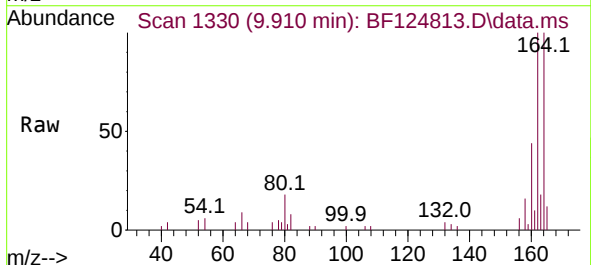
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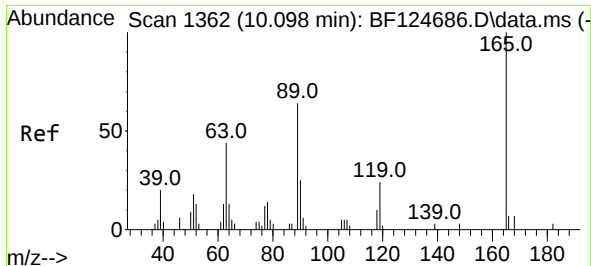
Tgt Ion:	172	Resp:	5558
Ion	Ratio	Lower	Upper
172	100		
171	31.3	26.5	39.7
170	23.5	18.8	28.2



#51
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

Tgt Ion:	165	Resp:	1865
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	63.8#
89	0.0	40.6	60.8#

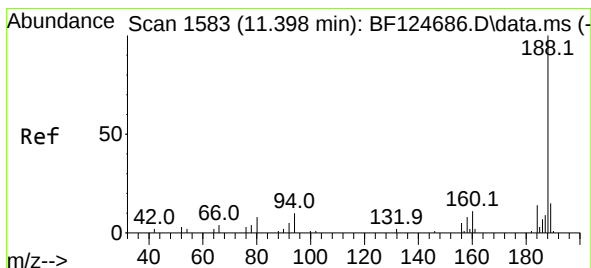
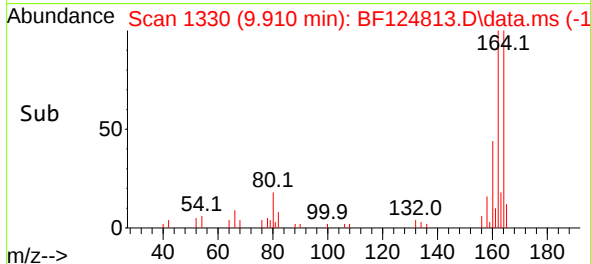
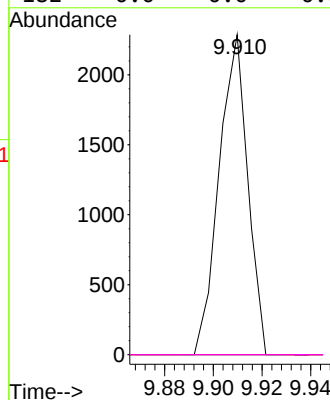
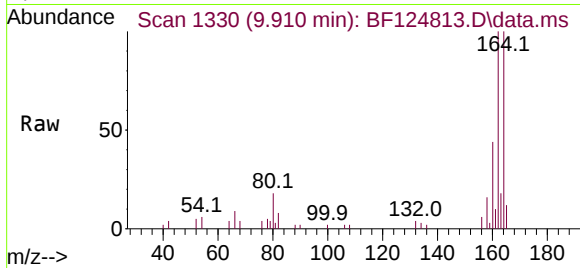




#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

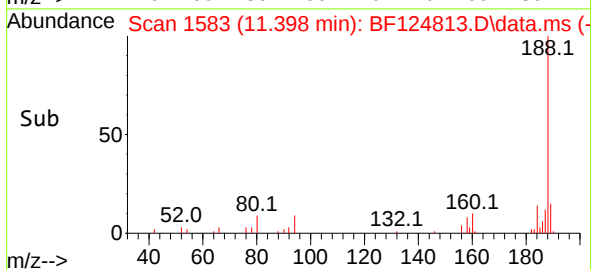
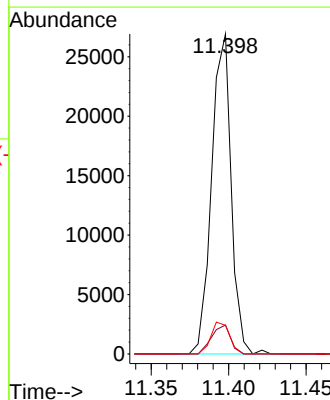
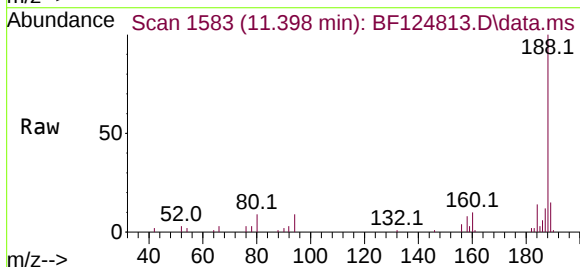
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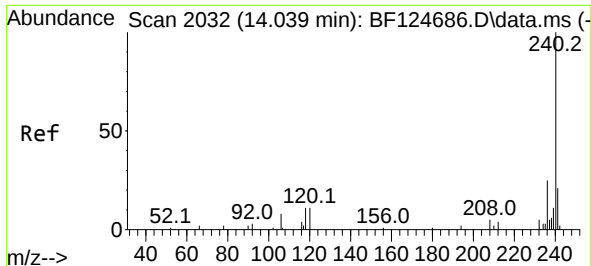
Tgt Ion:165	Resp:	1865
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

Tgt Ion:188	Resp:	23551
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.7 10.1
80	9.0	7.5 11.3

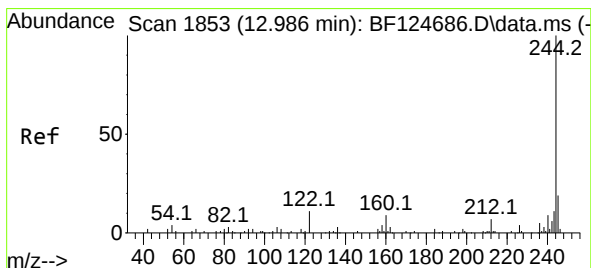
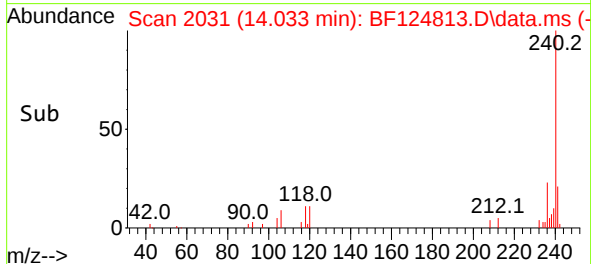
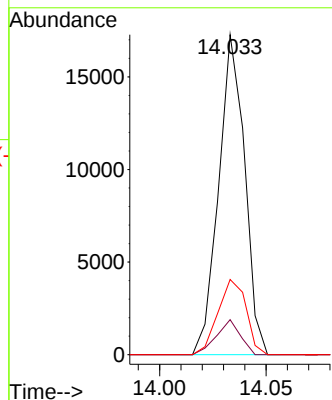
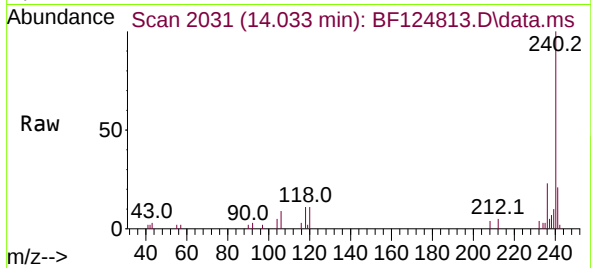




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

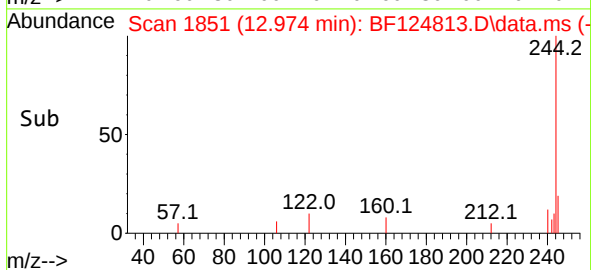
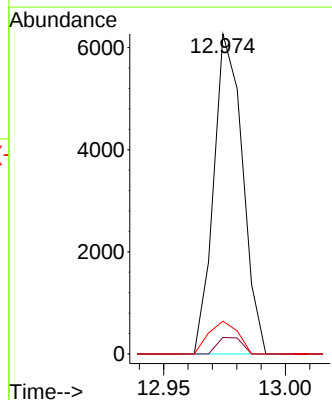
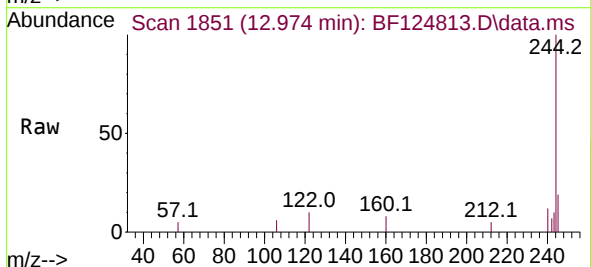
Instrument :
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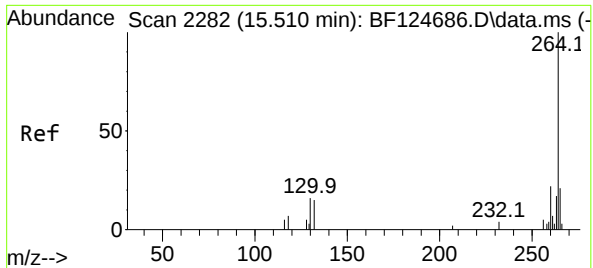
Tgt Ion:240 Resp: 14663
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 23.5 21.6 32.4



#79
Terphenyl-d14
Concen: 6.04 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124813.D
Acq: 28 Jul 2021 1:58

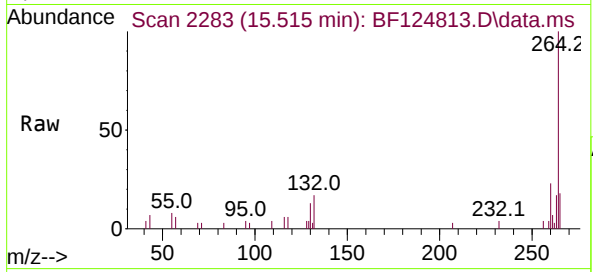
Tgt Ion:244 Resp: 5163
Ion Ratio Lower Upper
244 100
212 5.1 5.9 8.9#
122 10.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124813.D
 Acq: 28 Jul 2021 1:58

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072621



Tgt Ion:	264	Resp:	13086
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.6	29.4
265	17.5	17.2	25.8

