

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124692.D
 Acq On : 22 Jul 2021 16:40
 Operator : JU/CG
 Sample : M3098-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F0604S

Quant Time: Jul 22 17:16:03 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)

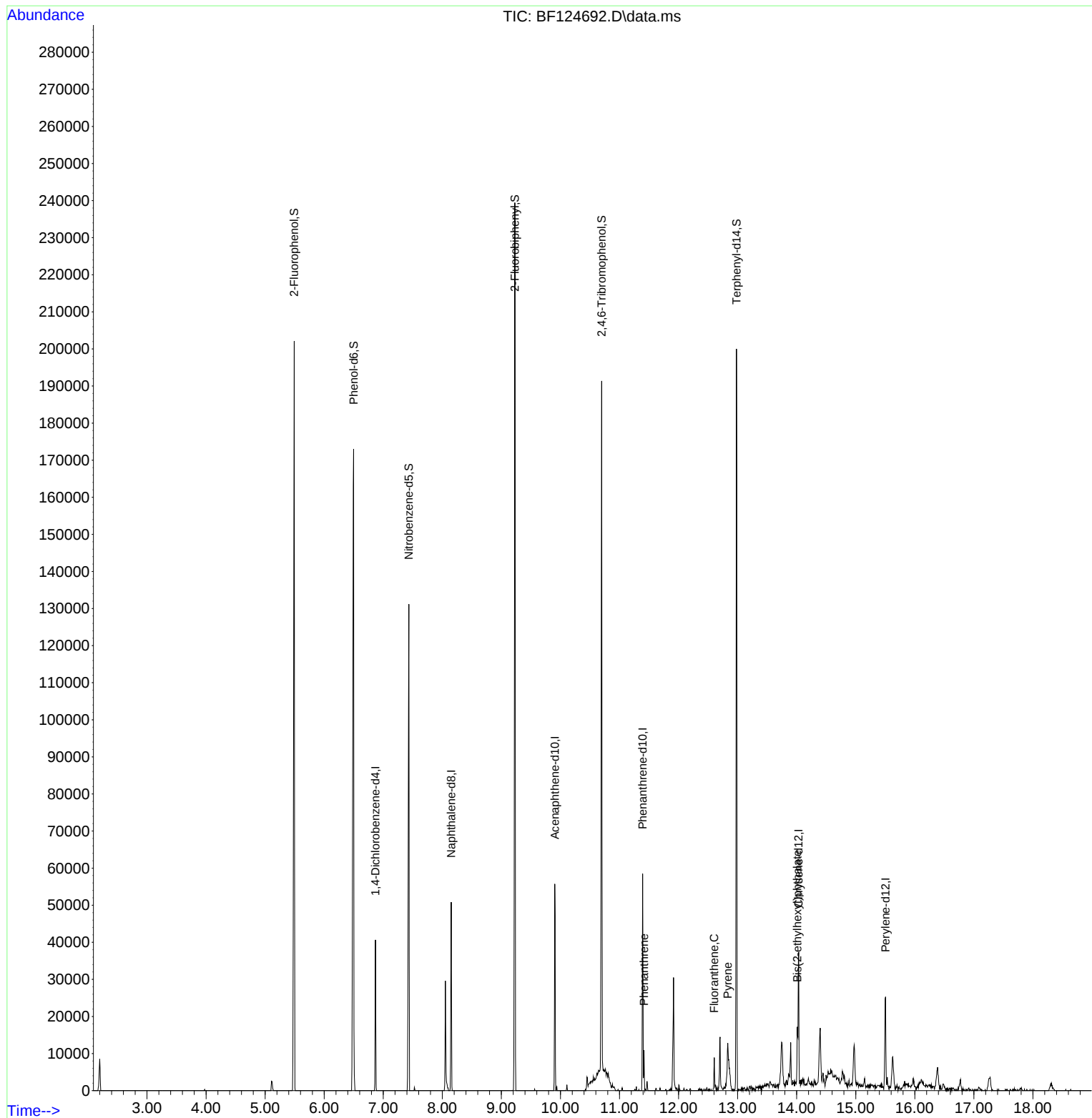
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6038	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22167	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	12347	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	20993	20.000	ng	0.00
76) Chrysene-d12	14.033	240	14139	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	12259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	57776	162.014	ng	0.01
7) Phenol-d6	6.498	99	68013	152.132	ng	0.00
23) Nitrobenzene-d5	7.434	82	39892	107.109	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16846	158.908	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	76195	90.638	ng	0.00
79) Terphenyl-d14	12.980	244	68980	83.628	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	4081	3.614	ng	99
75) Fluoranthene	12.604	202	3711	3.221	ng	93
78) Pyrene	12.833	202	2476	2.212	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	4168	5.278	ng	# 98

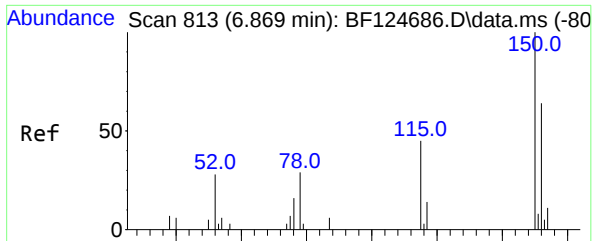
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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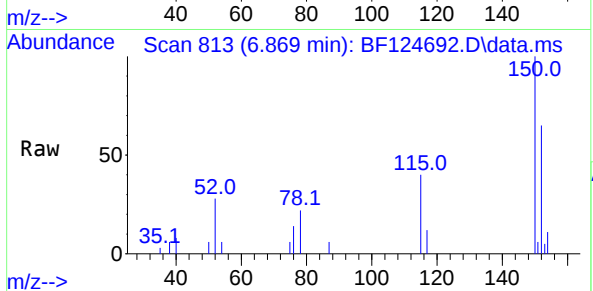
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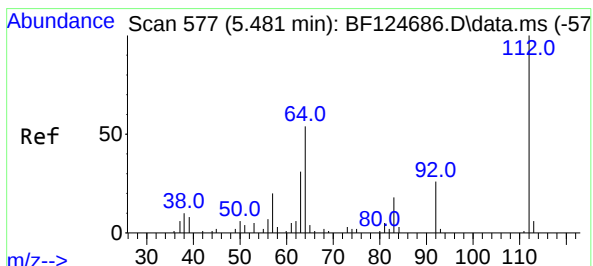
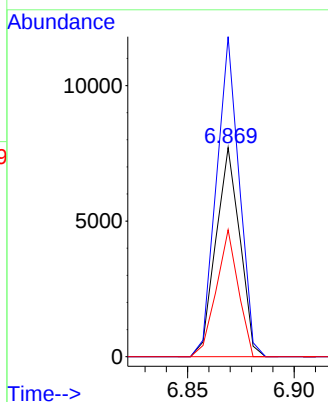
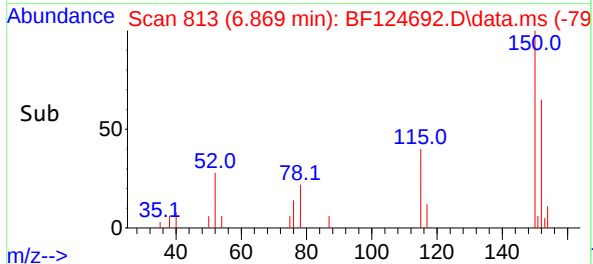


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

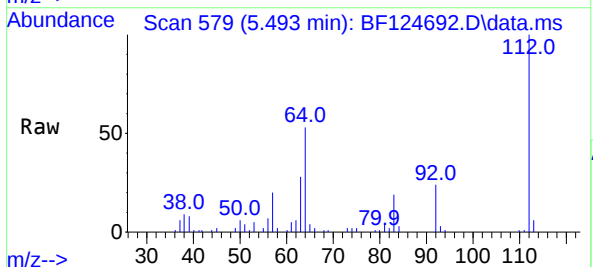
Instrument :
BNA_F
ClientSampleId :
F0604S



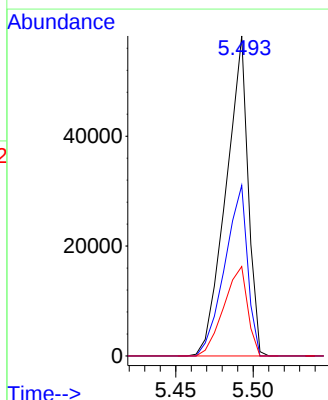
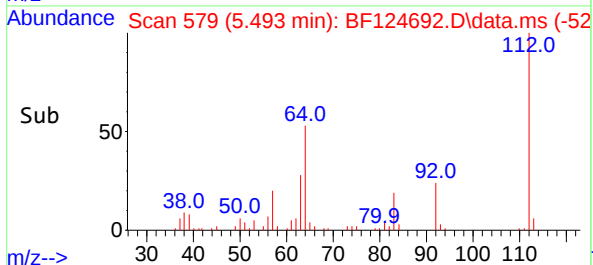
Tgt Ion:152 Resp: 6038
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 60.7 47.1 70.7

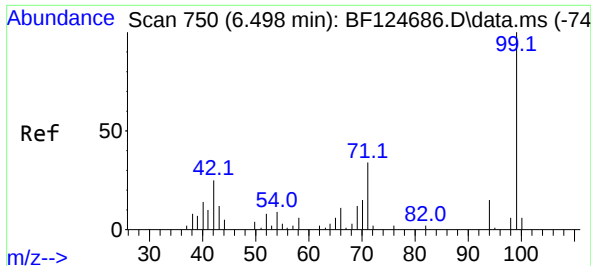


#5
2-Fluorophenol
Concen: 162.014 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40



Tgt Ion:112 Resp: 57776
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 27.9 26.2 39.2



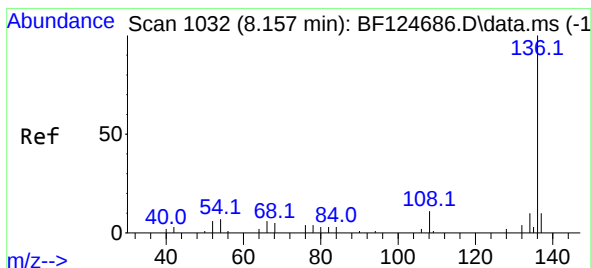
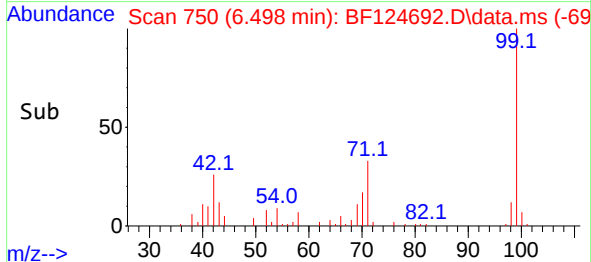
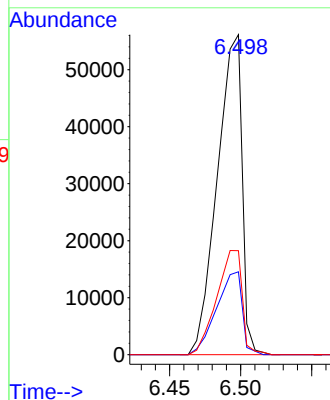
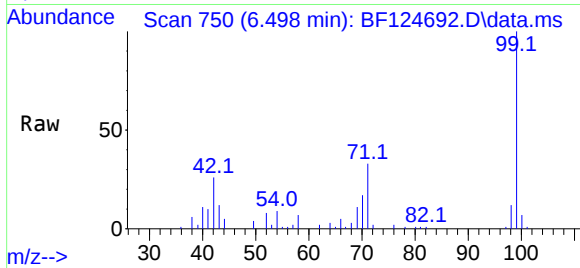


#7
Phenol-d6
Concen: 152.132 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Instrument :
BNA_F
ClientSampled :
F0604S

Tgt Ion: 99 Resp: 68013

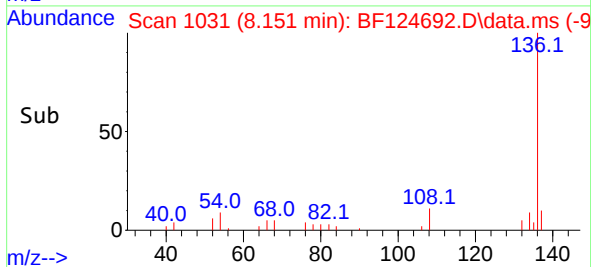
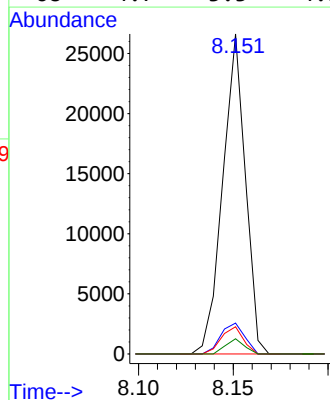
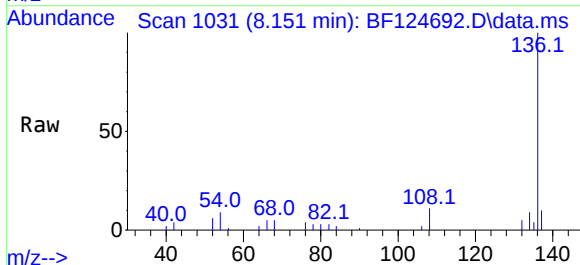
Ion	Ratio	Lower	Upper
99	100		
42	25.9	23.5	35.3
71	32.5	25.6	38.4

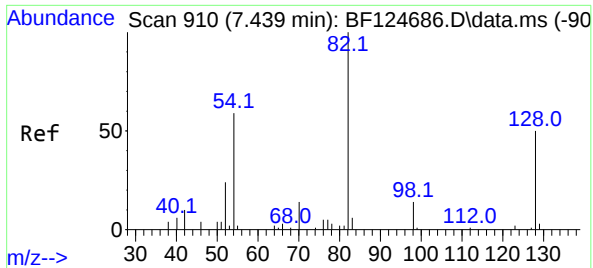


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion: 136 Resp: 22167

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.8	14.6#
54	8.5	6.4	9.6
68	4.7	3.3	4.9





#23

Nitrobenzene-d5

Concen: 107.109 ng

RT: 7.434 min Scan# 909

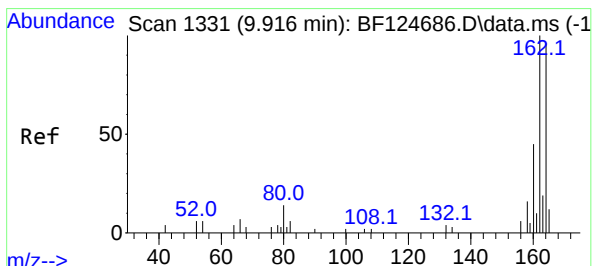
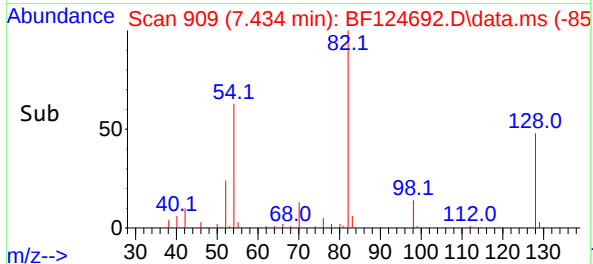
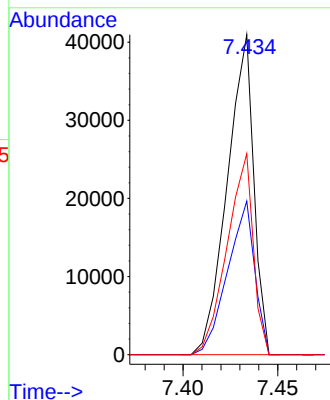
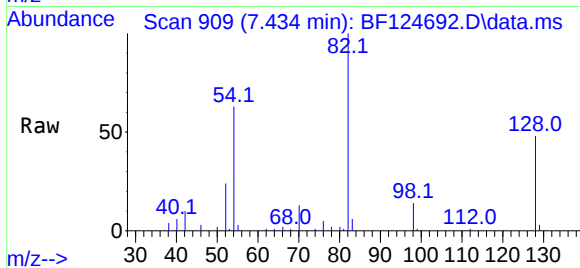
Delta R.T. -0.006 min

Lab File: BF124692.D

Acq: 22 Jul 2021 16:40

Tgt Ion: 82 Resp: 39892

Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.6	60.8
54	62.8	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

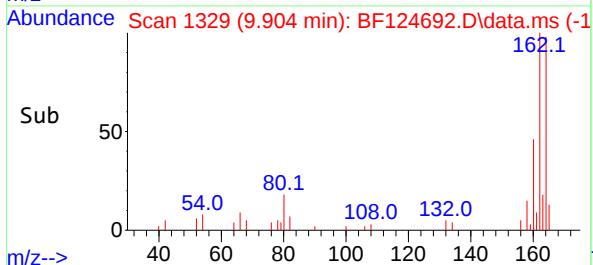
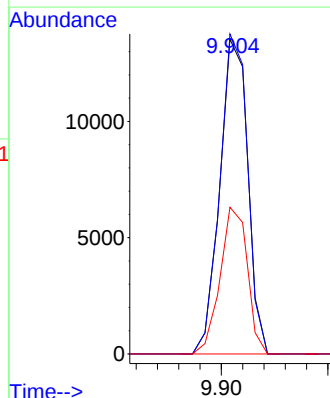
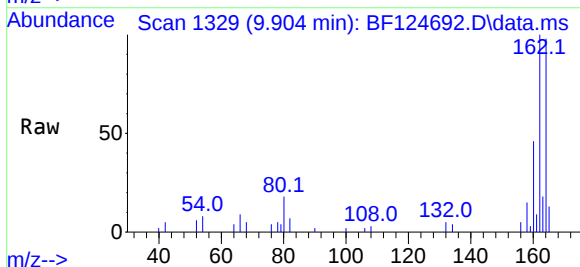
Delta R.T. -0.012 min

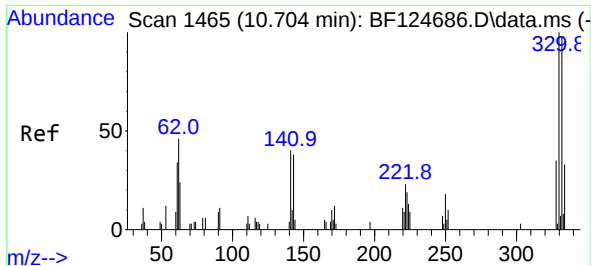
Lab File: BF124692.D

Acq: 22 Jul 2021 16:40

Tgt Ion: 164 Resp: 12347

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	46.6	38.0	57.0

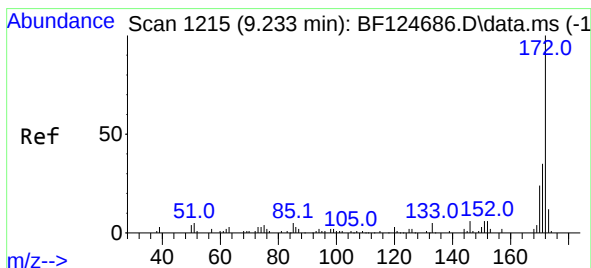
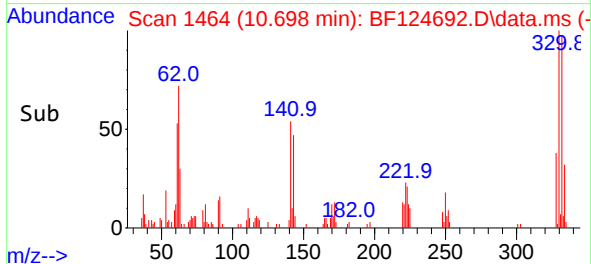
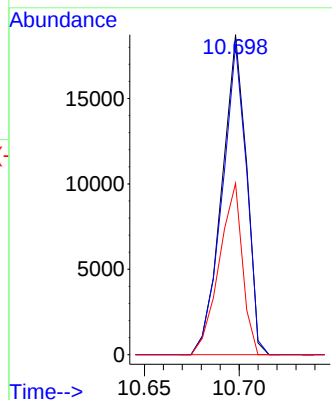
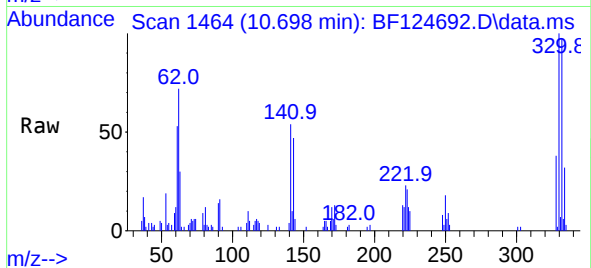




#42
2,4,6-Tribromophenol
Concen: 158.908 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

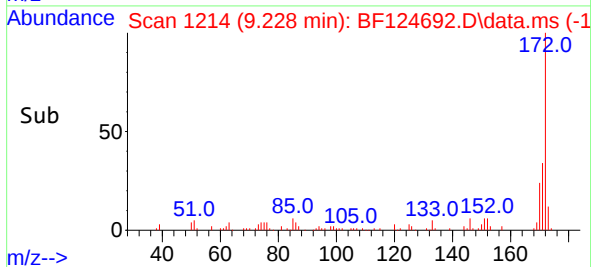
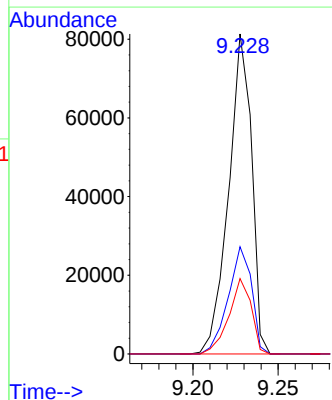
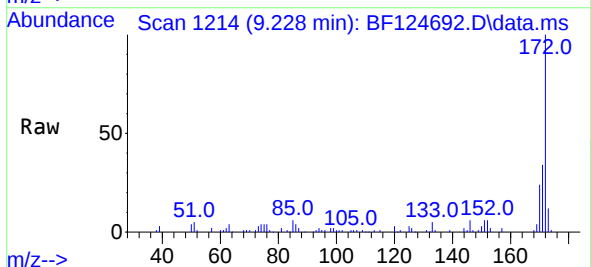
Instrument :
BNA_F
ClientSampleId :
F0604S

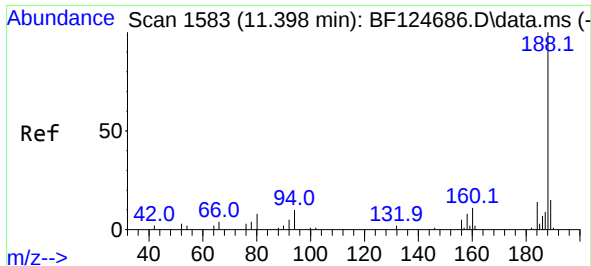
Tgt Ion:330 Resp: 16846
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 50.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.638 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:172 Resp: 76195
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.5 18.8 28.2

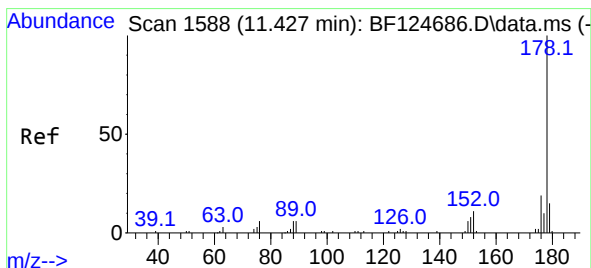
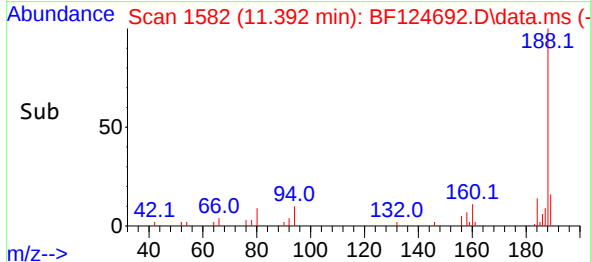
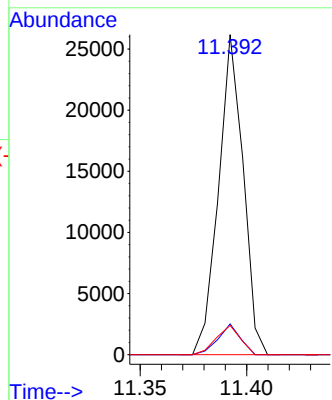
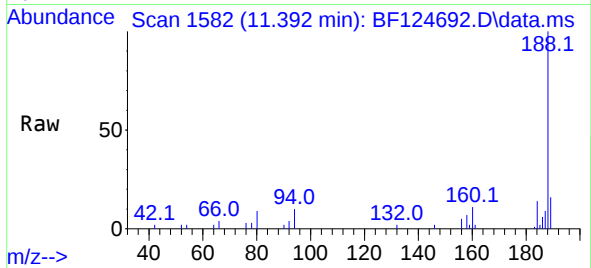




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

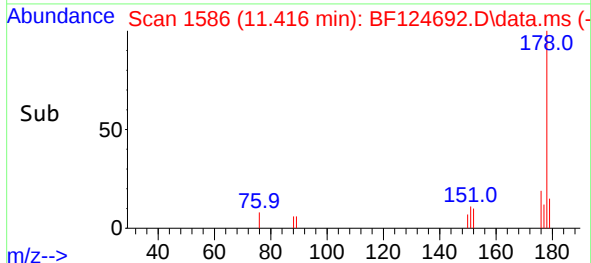
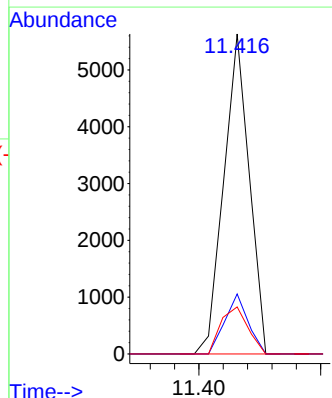
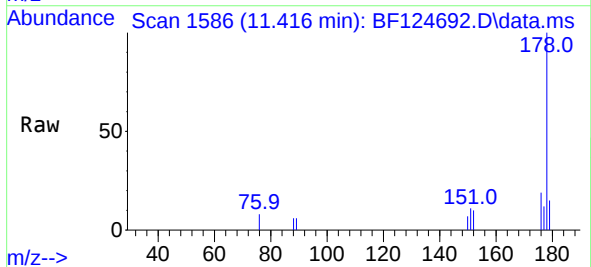
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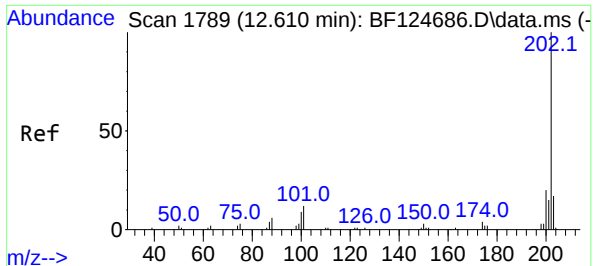
Tgt Ion:188 Resp: 20993
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.2 7.5 11.3



#71
Phenanthrene
Concen: 3.614 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:178 Resp: 4081
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 14.7 11.5 17.3

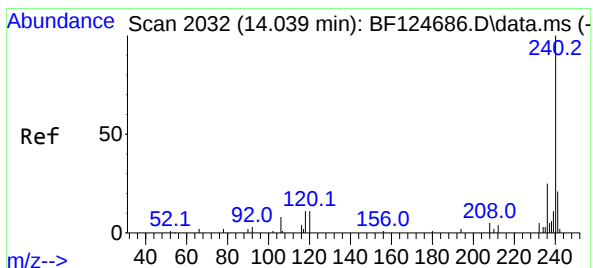
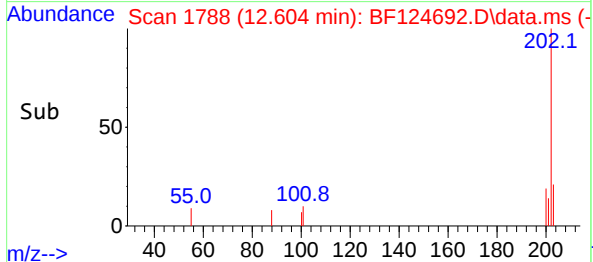
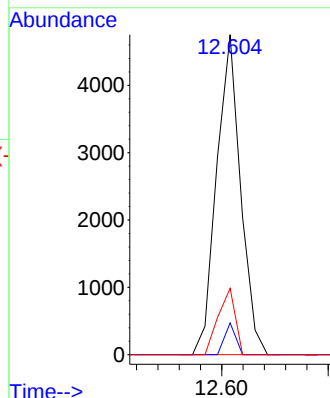
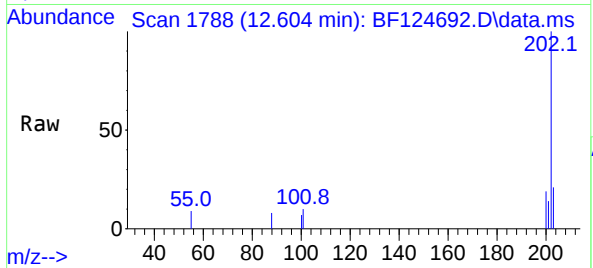




#75
Fluoranthene
Concen: 3.221 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

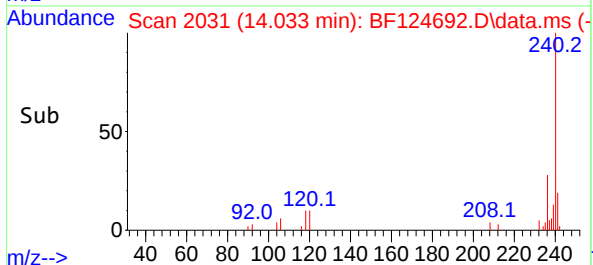
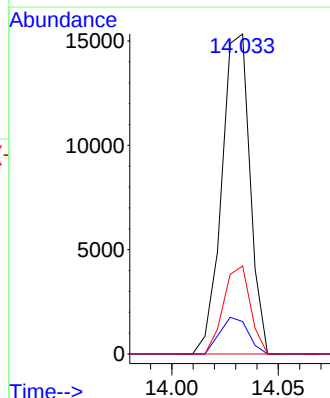
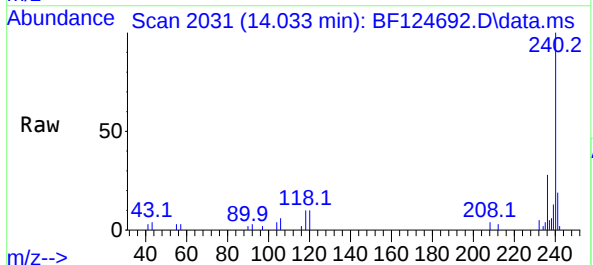
Instrument :
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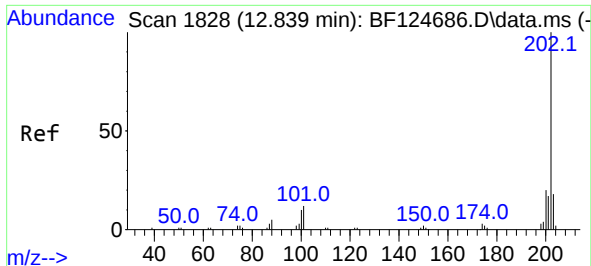
Tgt Ion:202	Resp:	3711
Ion Ratio	Lower	Upper
202	100	
101	10.0	0.0 30.7
203	20.7	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:240	Resp:	14139
Ion Ratio	Lower	Upper
240	100	
120	10.2	10.8 16.2#
236	27.5	21.6 32.4

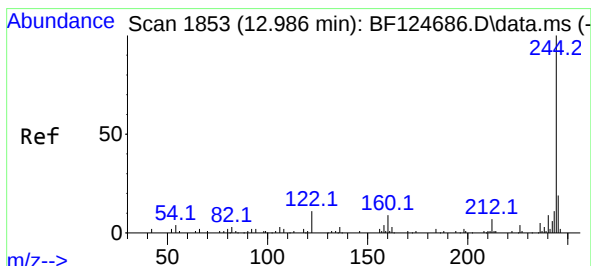
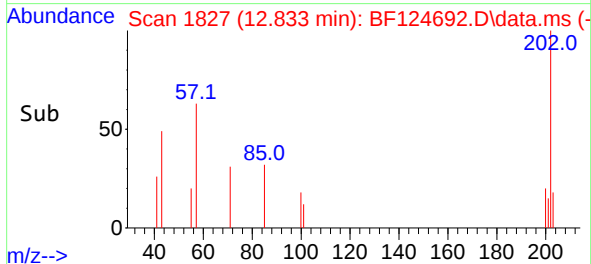
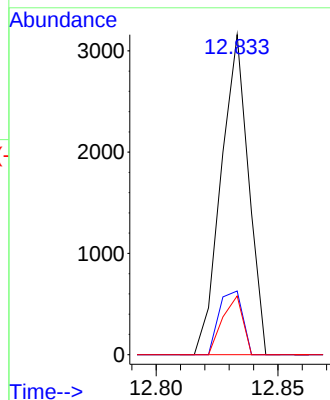
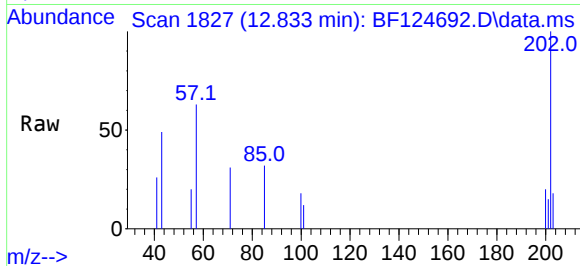




#78
Pyrene
Concen: 2.212 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

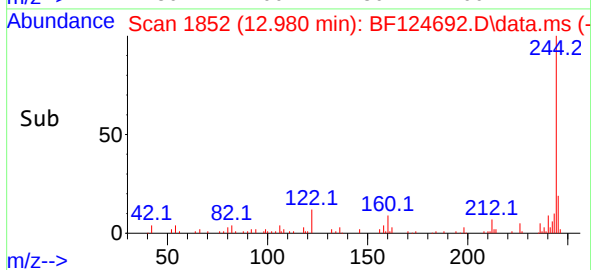
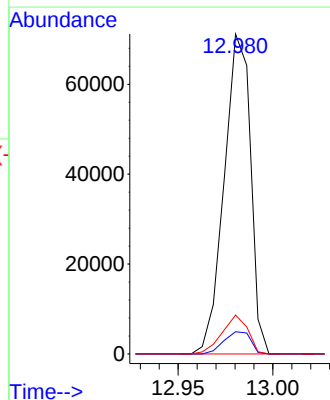
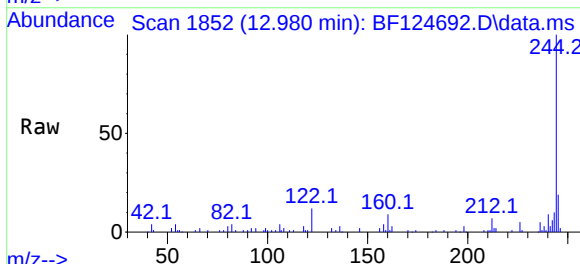
Instrument :
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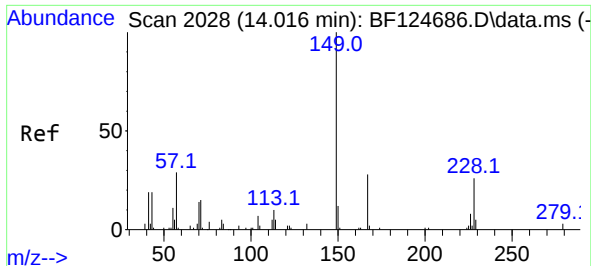
Tgt Ion:	202	Resp:	2476
Ion Ratio	Lower	Upper	
202	100		
200	19.9	15.3	22.9
203	18.4	13.4	20.0



#79
Terphenyl-d14
Concen: 83.628 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:	244	Resp:	68980
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.9	8.9
122	12.2	9.0	13.4

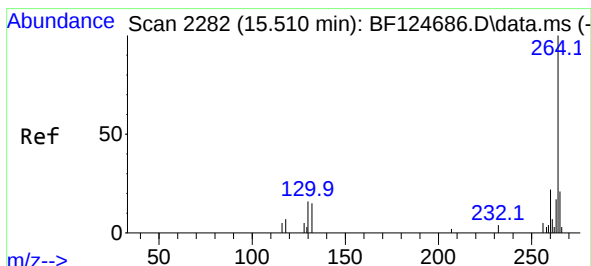
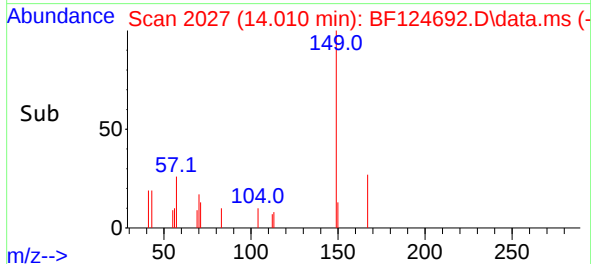
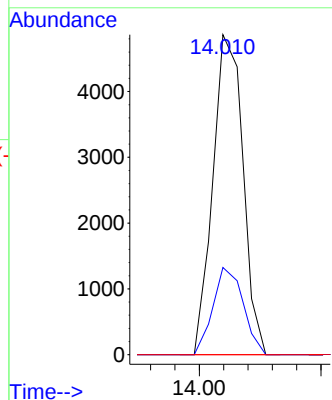
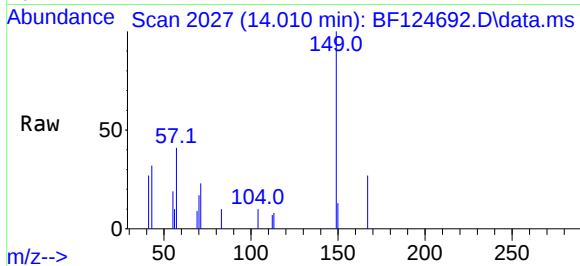




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.278 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Instrument :
BNA_F
ClientSampleId :
F0604S

Tgt Ion:	149	Resp:	4168
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.4	32.0
279	0.0	2.6	4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:	264	Resp:	12259
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.6	29.4
265	18.8	17.2	25.8

