

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124144.D
 Acq On : 4 Jun 2021 17:33
 Operator : JU/CG
 Sample : M2597-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Manual Integrations
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Quant Time: Jun 04 18:02:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	32314	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	108107	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	52546	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	87356	20.00	ng	0.00
76) Chrysene-d12	14.033	240	73438	20.00	ng	0.00
86) Perylene-d12	15.515	264	52568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	208971	97.35	ng	0.00
7) Phenol-d6	6.504	99	240056	83.20	ng	0.00
23) Nitrobenzene-d5	7.428	82	173532	63.66	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	61580	82.72	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	259289	62.09	ng	0.00
79) Terphenyl-d14	12.974	244	252930	47.29	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	38654	7.08	ng	# 96
75) Fluoranthene	12.604	202	50537	8.82	ng	96
78) Pyrene	12.833	202	43830	6.22	ng	97
81) Benzo(a)anthracene	14.021	228	21376m	4.00	ng	
83) Chrysene	14.057	228	16942	3.28	ng	95
84) Bis(2-ethylhexyl)phtha...	14.010	149	14638	4.30	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	7670	5.93	ng	95
88) Benzo(b)fluoranthene	15.080	252	15753m	3.86	ng	
90) Benzo(a)pyrene	15.451	252	11532	3.25	ng	# 88
92) Benzo(g,h,i)perylene	17.445	276	5864	5.27	ng	# 61

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

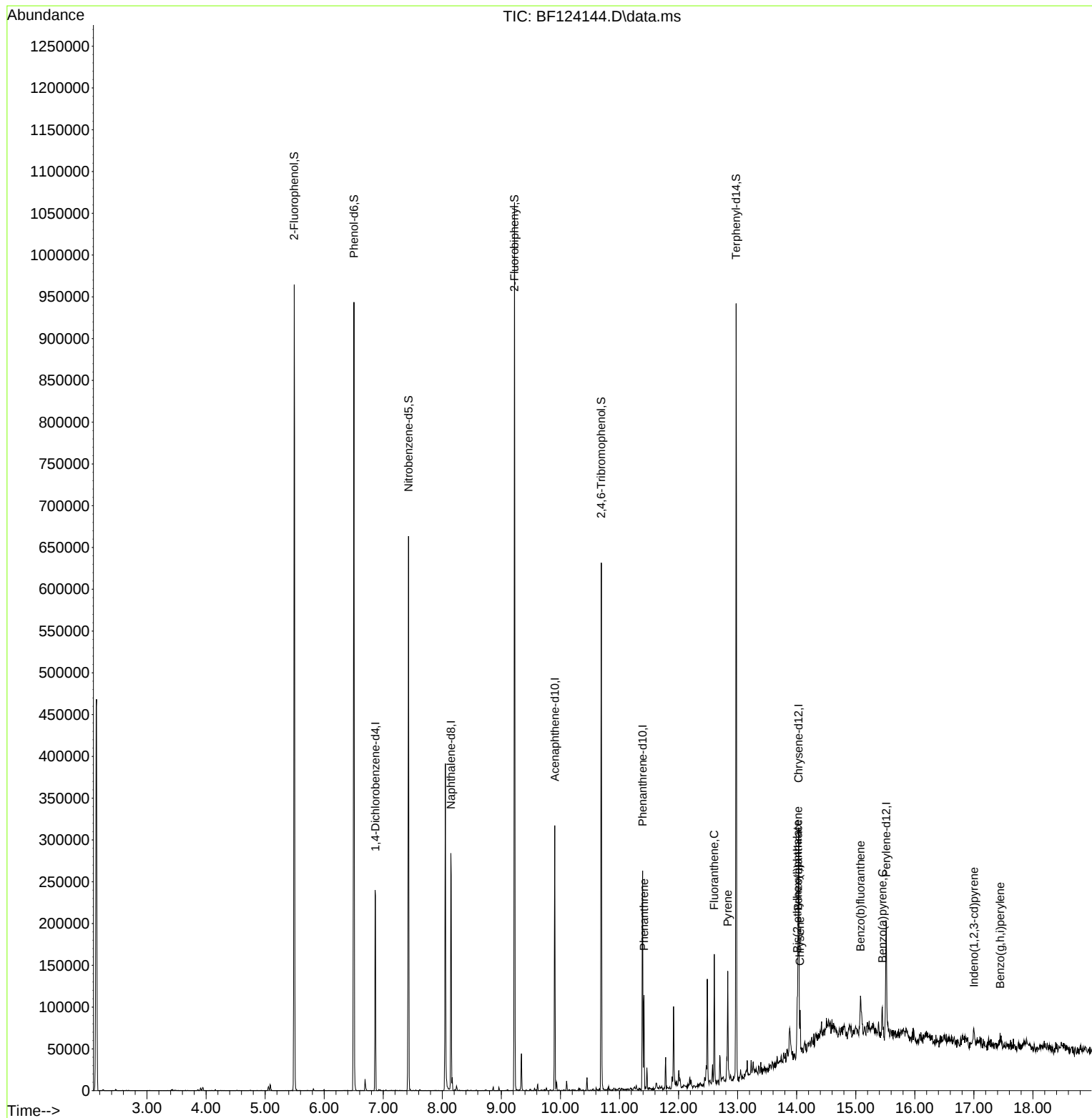
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Data File : BF124144.D
Acq On : 4 Jun 2021 17:33
Operator : JU/CG
Sample : M2597-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

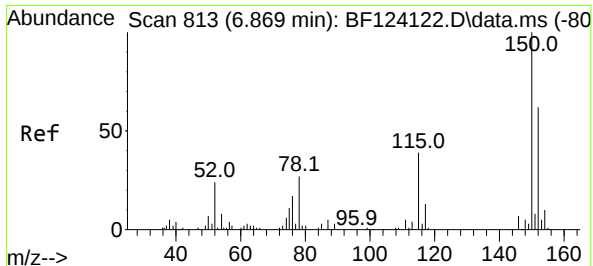
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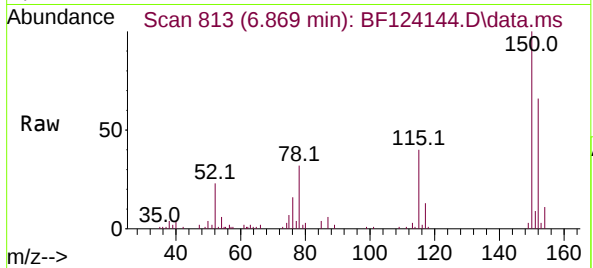
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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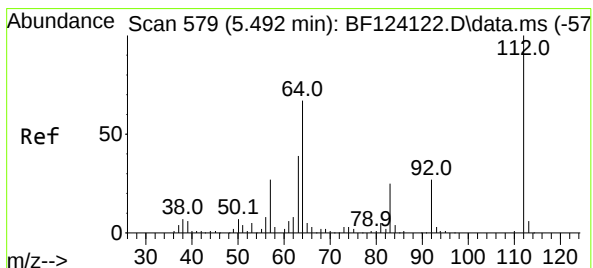
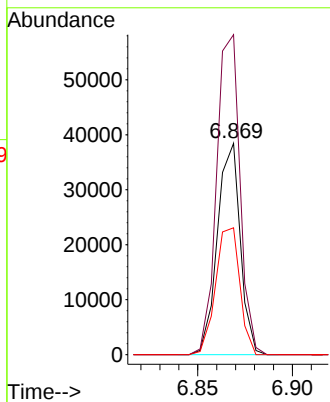
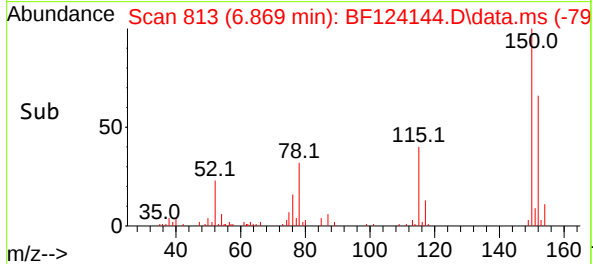




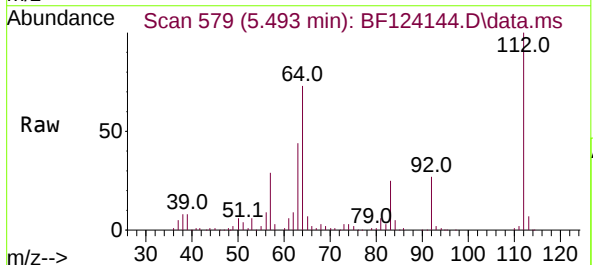
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



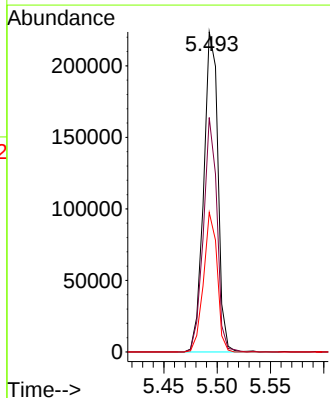
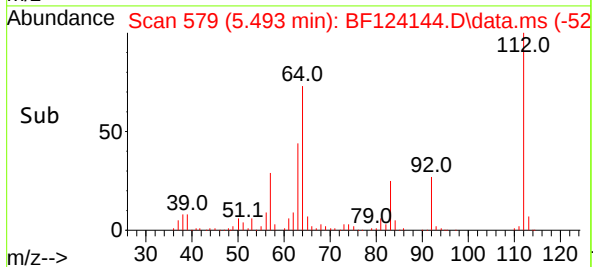
Tgt Ion:152 Resp: 32314
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 60.0 54.3 81.5



#5
2-Fluorophenol
Concen: 97.35 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



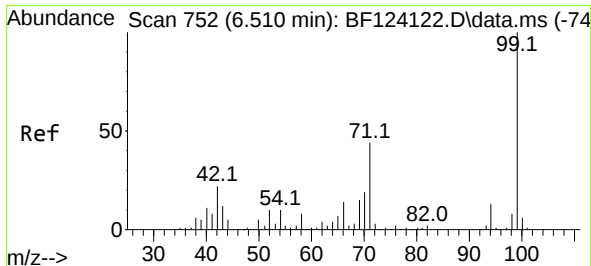
Tgt Ion:112 Resp: 208971
Ion Ratio Lower Upper
112 100
64 73.3 61.4 92.0
63 43.6 33.0 49.4



Instrument :
BNA_F
ClientSampled :
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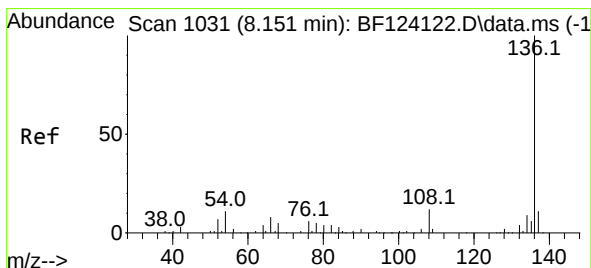
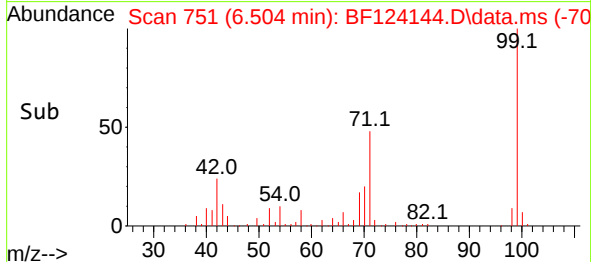
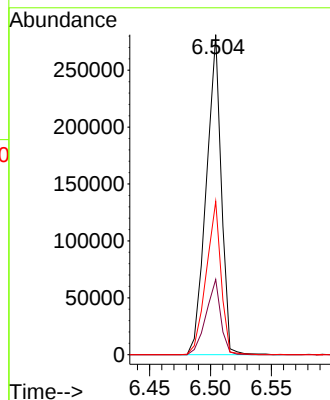
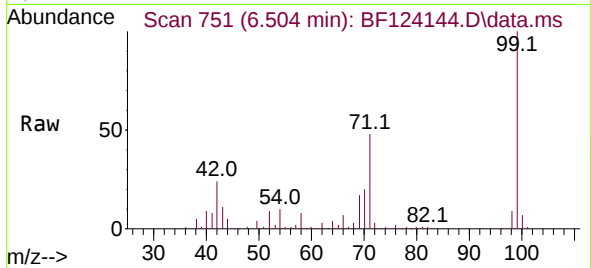
#7
Phenol-d6
Concen: 83.20 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

Tgt Ion: 99 Resp: 240056
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.8
71 47.9 31.1 46.7#

Instrument :
BNA_F
ClientSampled :
124042

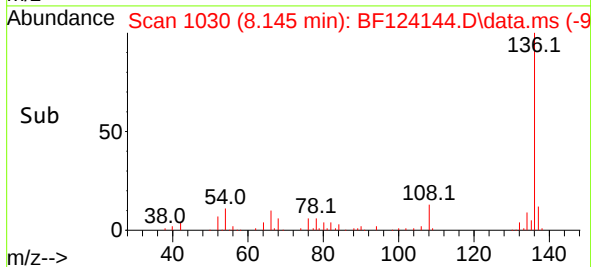
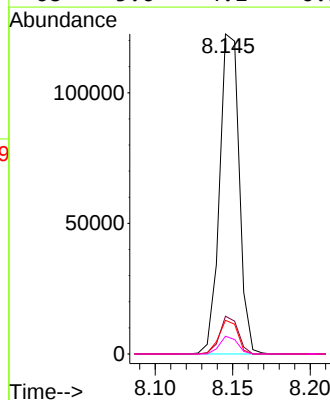
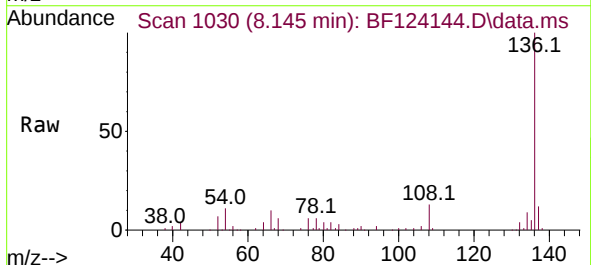
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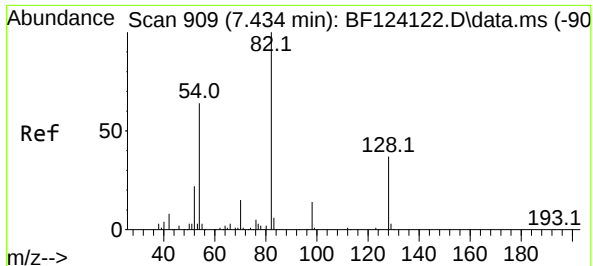
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

Tgt Ion: 136 Resp: 108107
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 10.5 9.8 14.6
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 63.66 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124144.D

Acq: 4 Jun 2021 17:33

Tgt Ion: 82 Resp: 173532

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	59.3	54.1	81.1

Instrument :

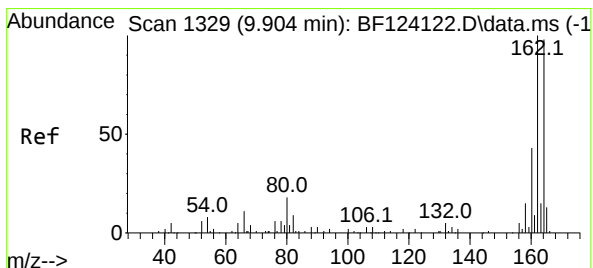
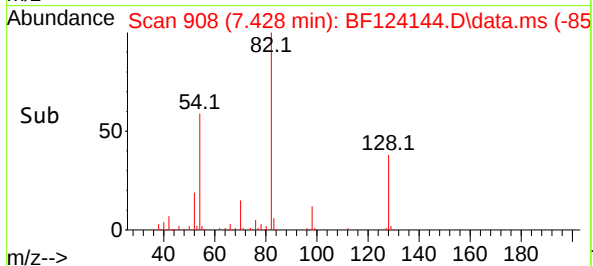
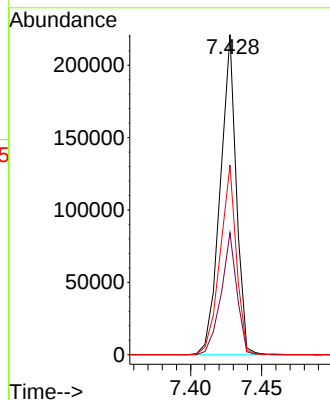
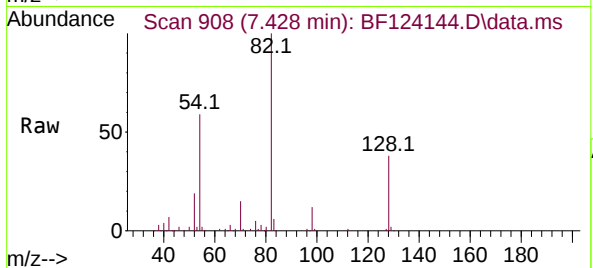
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ClientSampled :

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

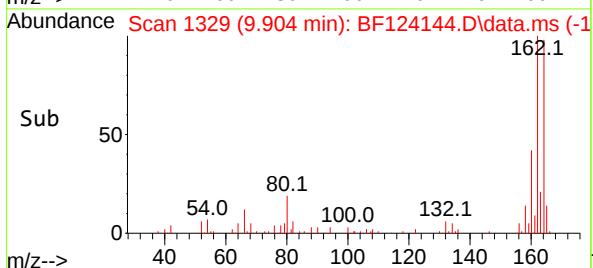
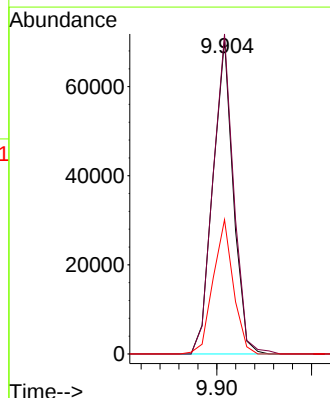
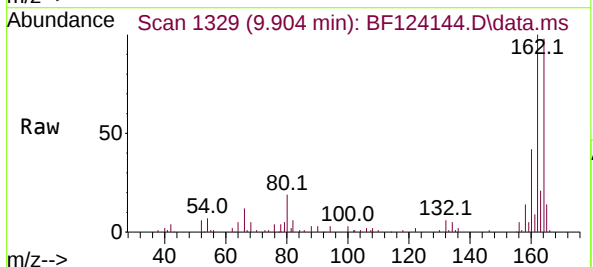
Delta R.T. 0.000 min

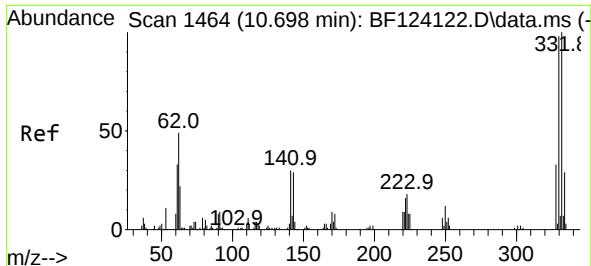
Lab File: BF124144.D

Acq: 4 Jun 2021 17:33

Tgt Ion: 164 Resp: 52546

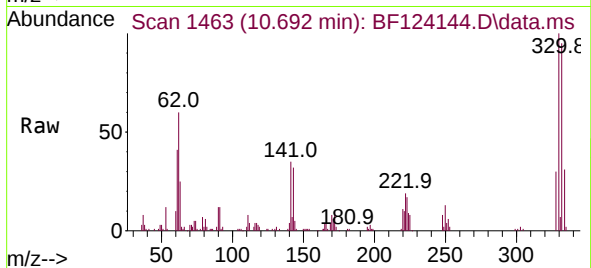
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	42.6	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 82.72 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

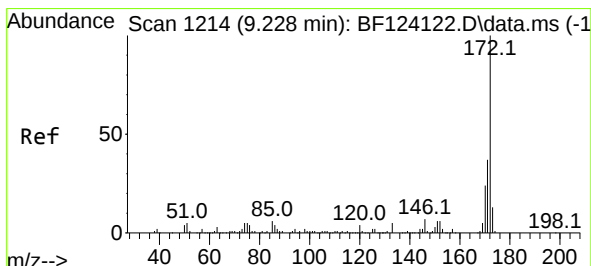
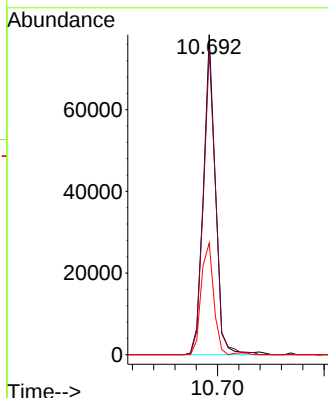
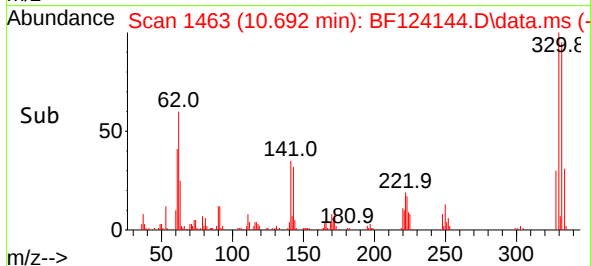
Instrument :
BNA_F
ClientSampleId :
124042



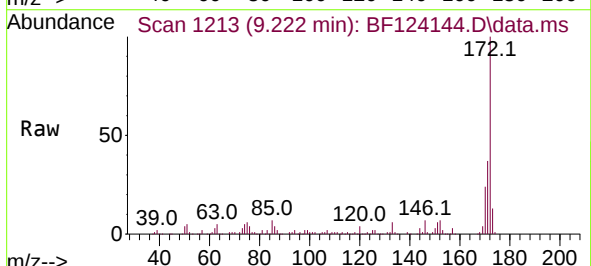
Tgt Ion: 330 Resp: 61580
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.5 27.9 41.9

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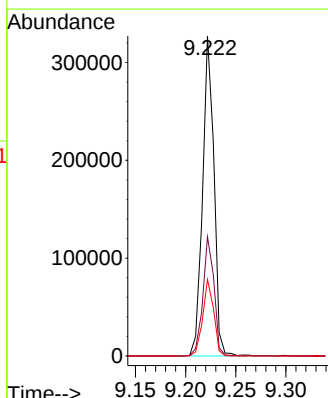
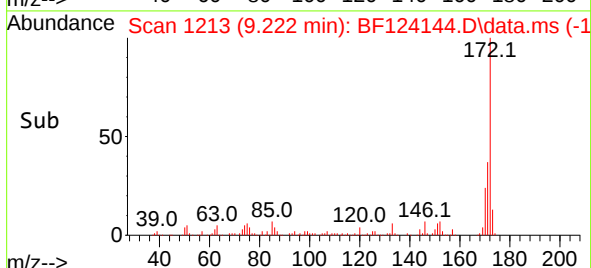
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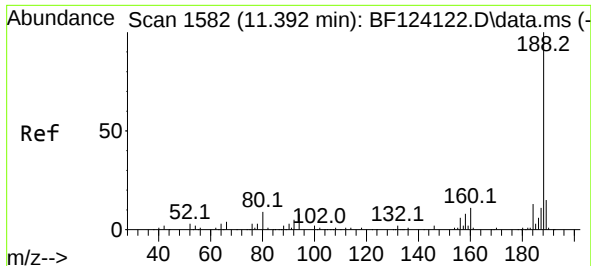


#45
2-Fluorobiphenyl
Concen: 62.09 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



Tgt Ion: 172 Resp: 259289
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.9 19.2 28.8





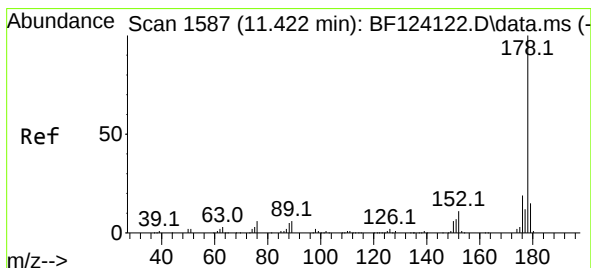
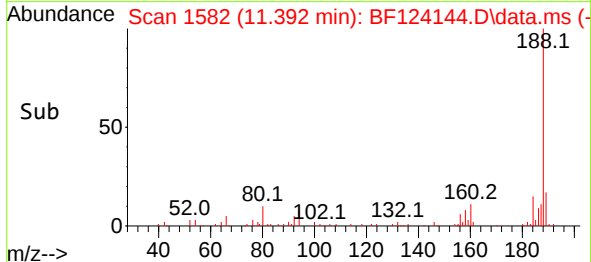
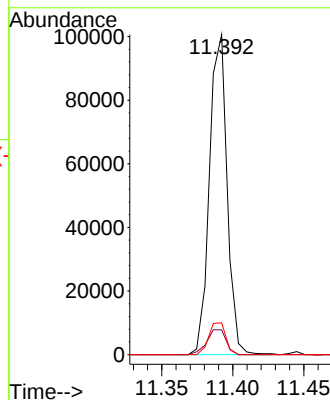
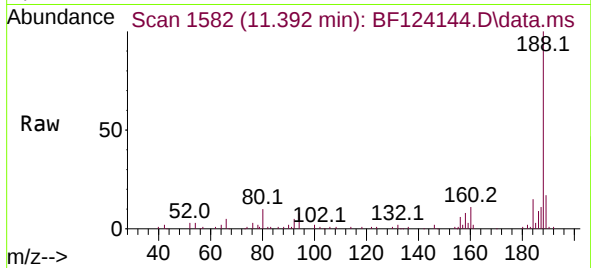
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

Tgt Ion:188 Resp: 87356
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.9 8.2 12.2

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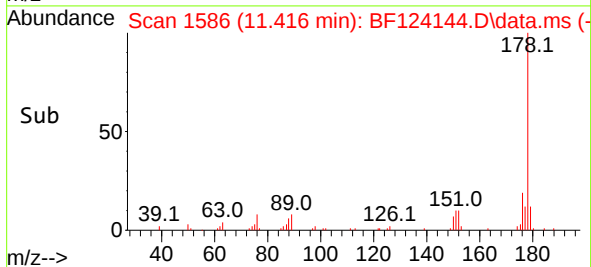
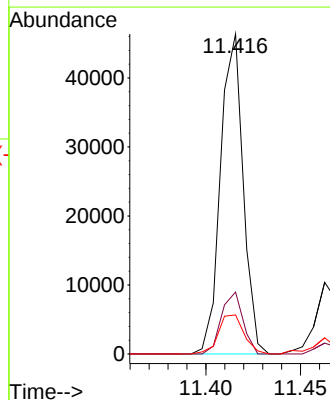
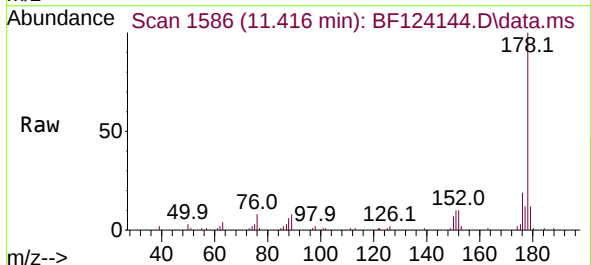
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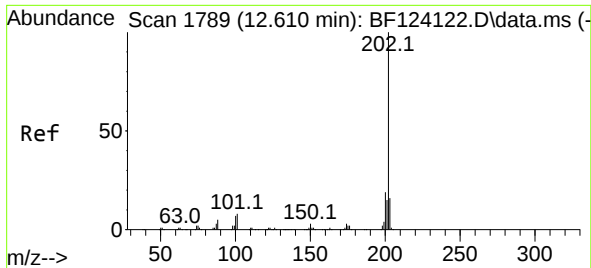
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#71
Phenanthrene
Concen: 7.08 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

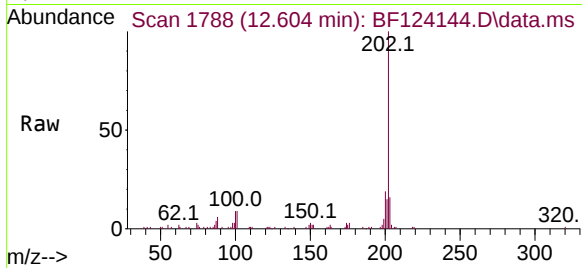
Tgt Ion:178 Resp: 38654
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 12.2 12.5 18.7#





#75
Fluoranthene
Concen: 8.82 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

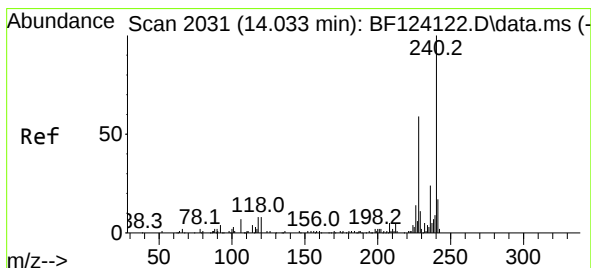
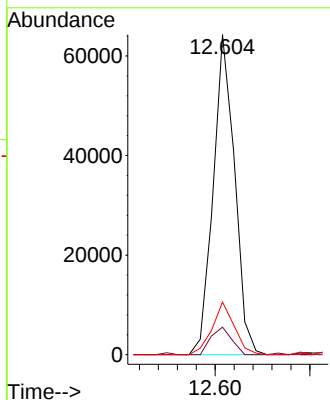
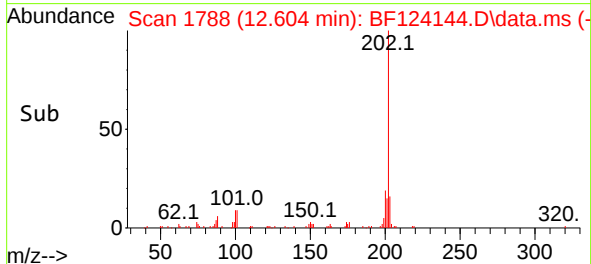
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124042



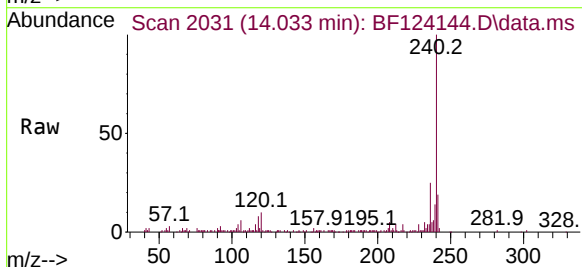
Tgt Ion:202 Resp: 50537
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.9
203 16.4 0.0 37.5

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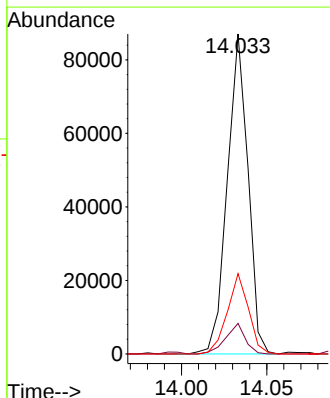
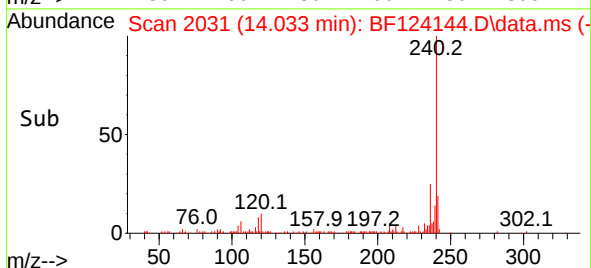
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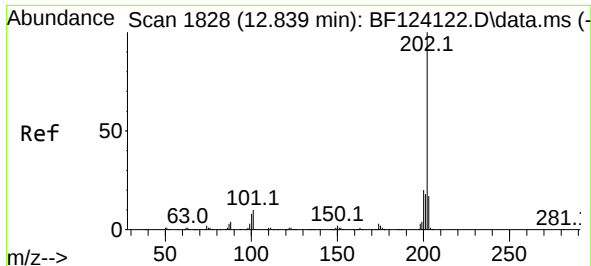


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



Tgt Ion:240 Resp: 73438
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 25.1 19.0 28.4





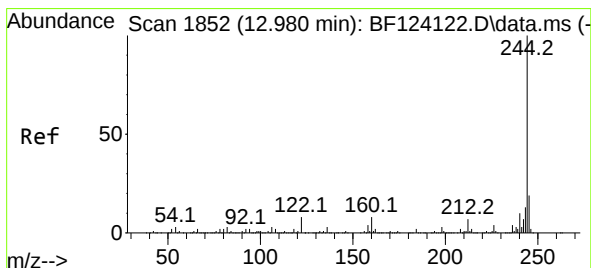
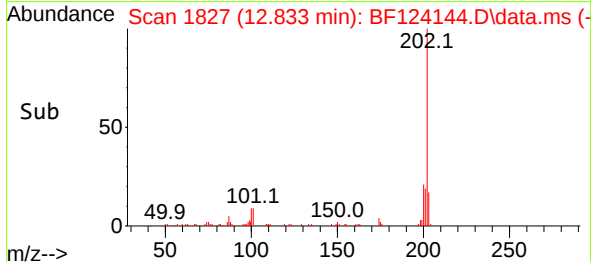
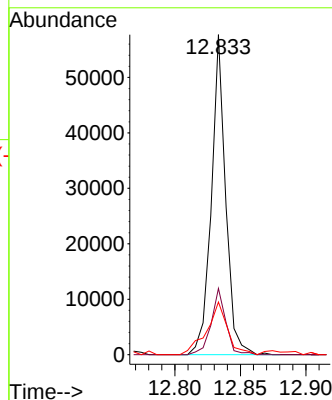
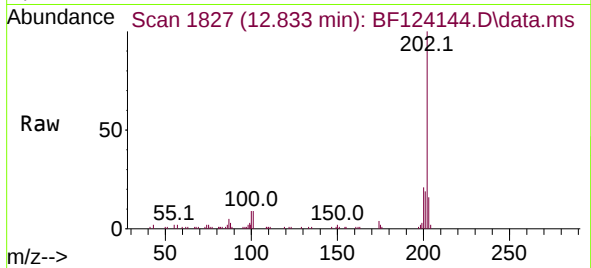
#78
 Pyrene
 Concen: 6.22 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF124144.D
 Acq: 4 Jun 2021 17:33

Tgt Ion:	202	Resp:	43830
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.1	24.1
203	16.5	14.8	22.2

Instrument :
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 124042

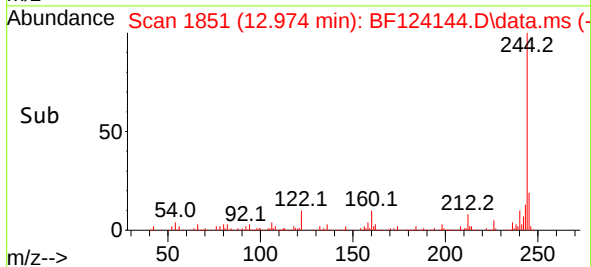
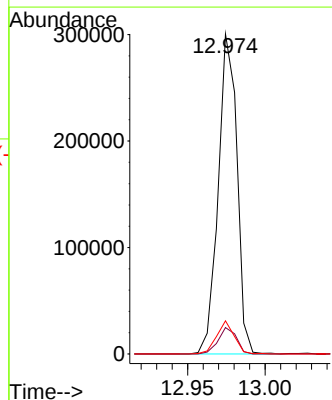
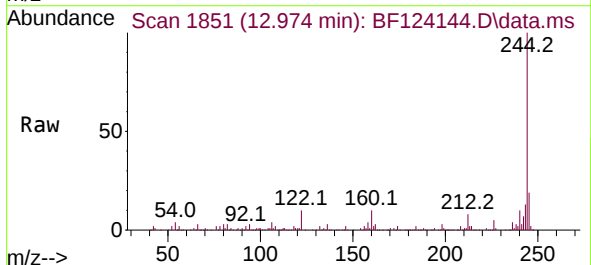
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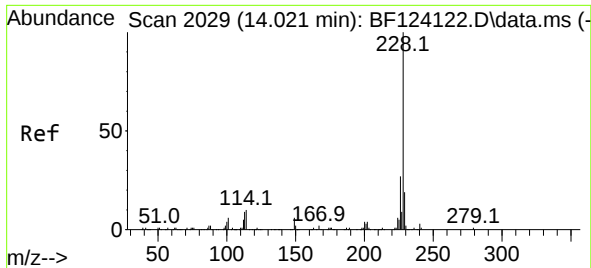
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#79
 Terphenyl-d14
 Concen: 47.29 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124144.D
 Acq: 4 Jun 2021 17:33

Tgt Ion:	244	Resp:	252930
Ion Ratio	Lower	Upper	
244	100		
212	8.3	5.7	8.5
122	10.3	9.7	14.5





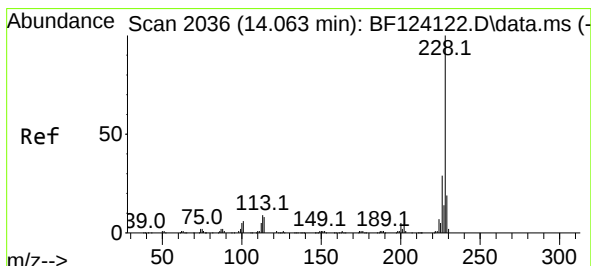
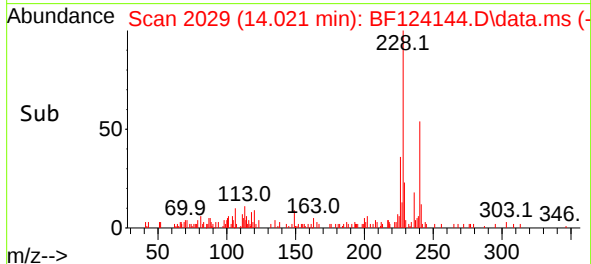
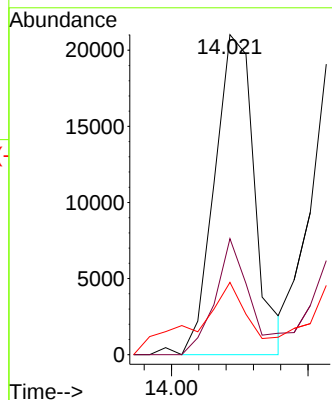
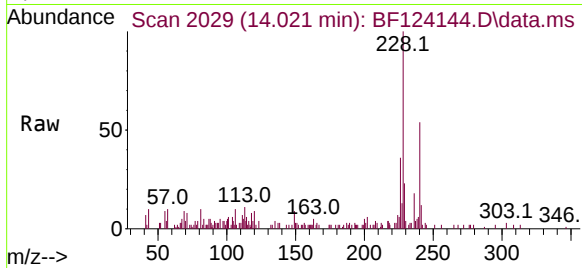
#81
Benzo(a)anthracene
Concen: 4.00 ng m
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.2	22.4	33.6#
229	22.6	16.0	24.0

Instrument :
BNA_F
ClientSampled :
124042

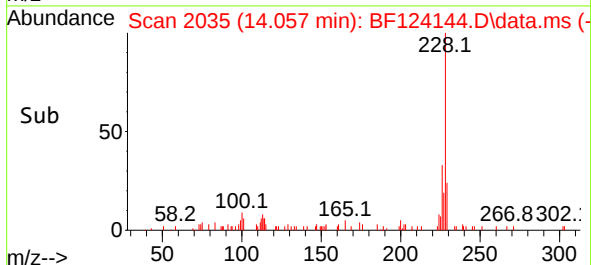
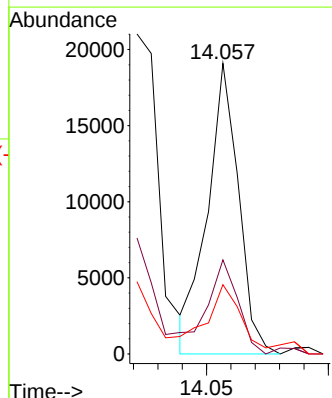
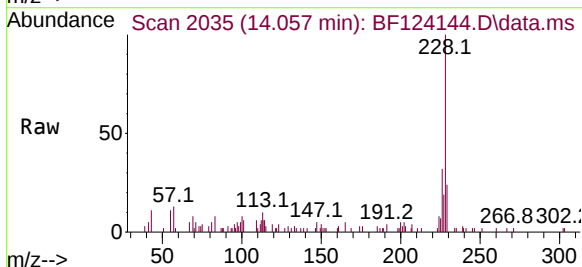
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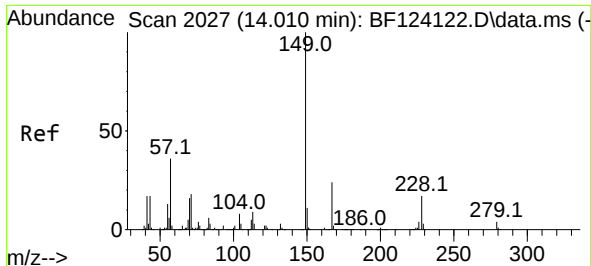
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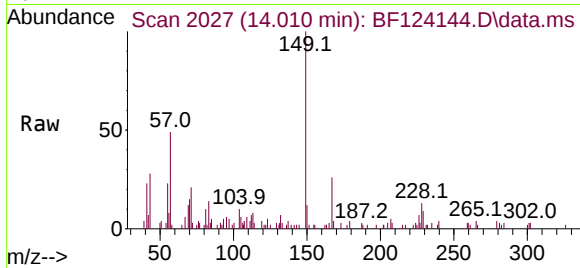
#83
Chrysene
Concen: 3.28 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.3	36.5
229	23.9	16.2	24.2

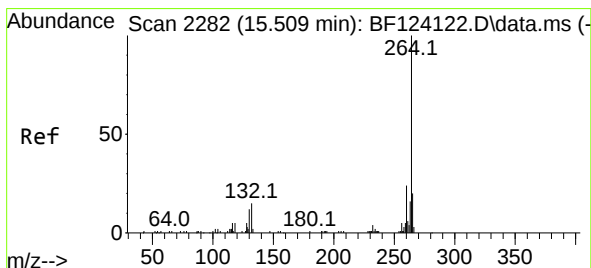
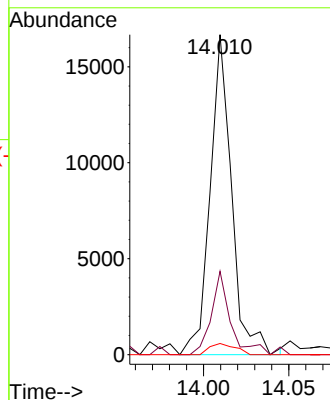
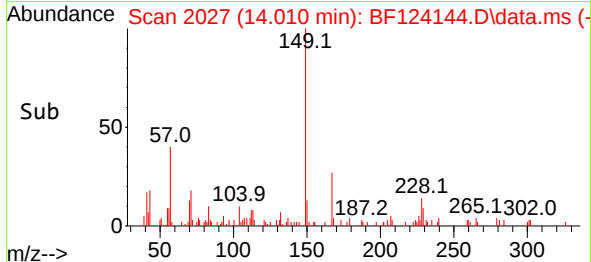




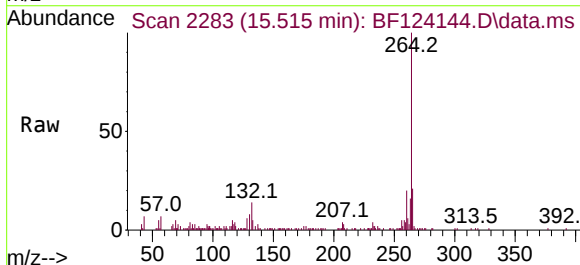
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.30 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



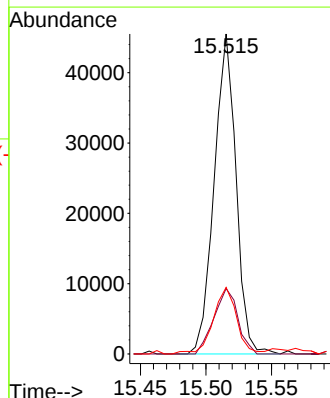
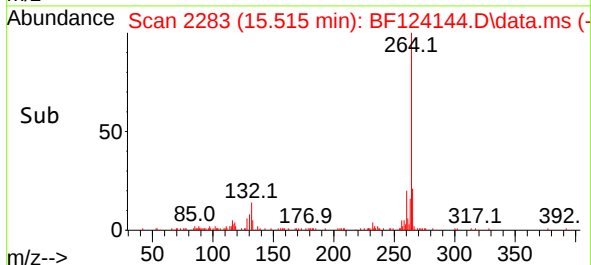
Tgt Ion:149 Resp: 14638
Ion Ratio Lower Upper
149 100
167 26.0 21.8 32.6
279 3.5 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



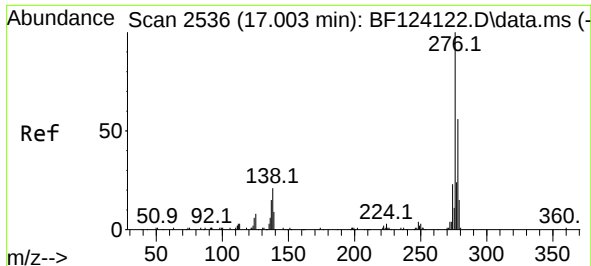
Tgt Ion:264 Resp: 52568
Ion Ratio Lower Upper
264 100
260 20.4 18.7 28.1
265 20.8 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
124042

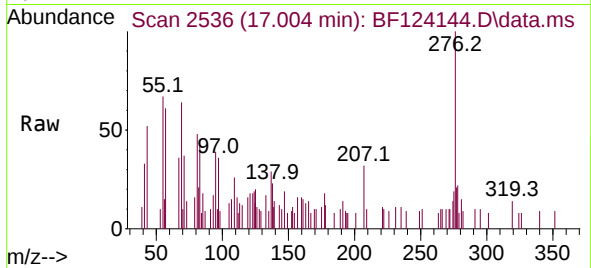
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.93 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.001 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

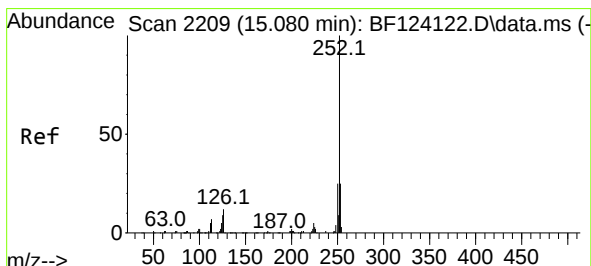
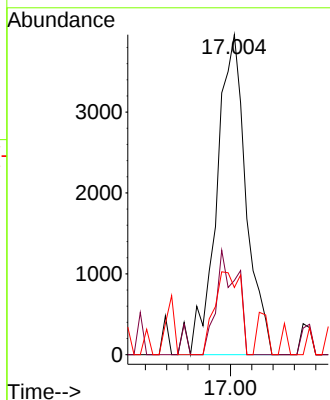
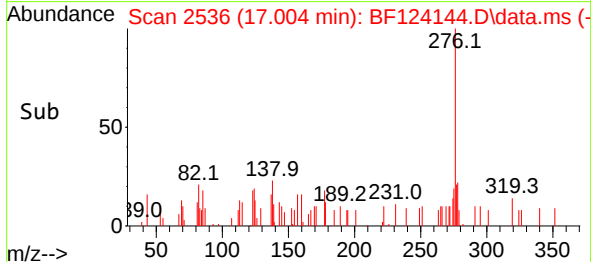
Instrument :
BNA_F
ClientSampled :
124042



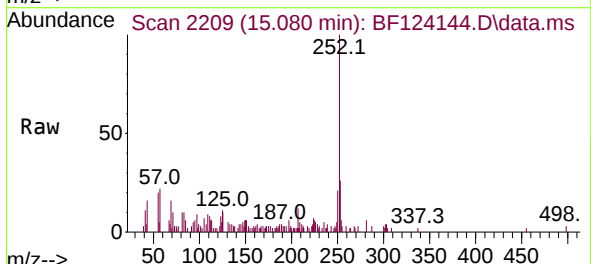
Tgt Ion:276 Resp: 7670
Ion Ratio Lower Upper
276 100
138 22.7 16.2 24.2
277 22.5 20.1 30.1

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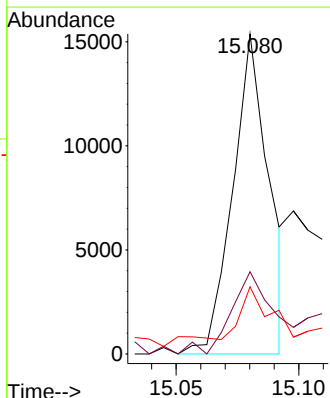
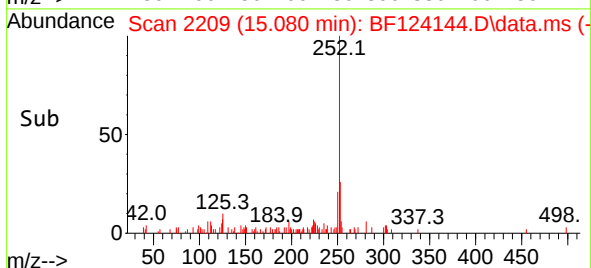
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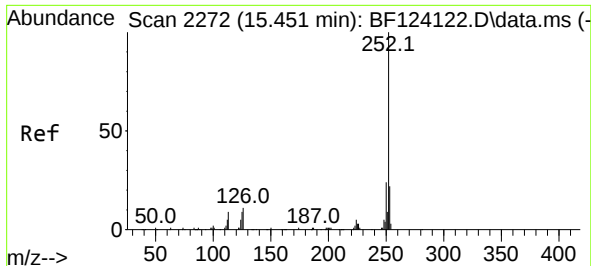


#88
Benzo(b)fluoranthene
Concen: 3.86 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33

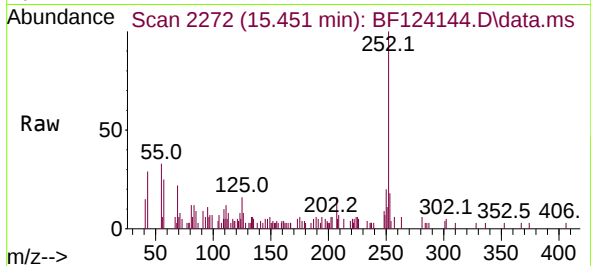


Tgt Ion:252 Resp: 15753
Ion Ratio Lower Upper
252 100
253 25.7 18.1 27.1
125 10.5 6.2 9.4#

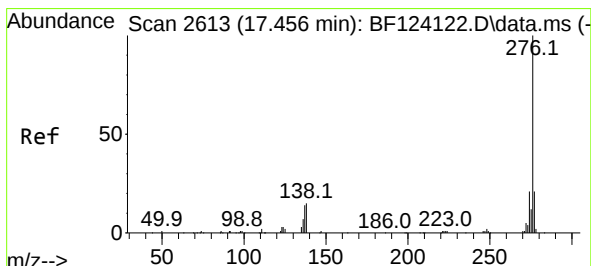
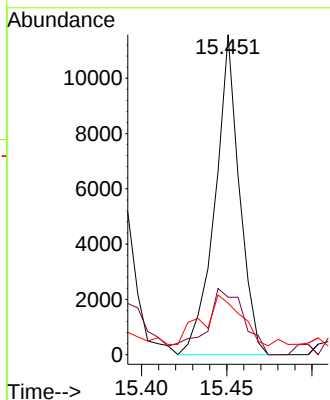
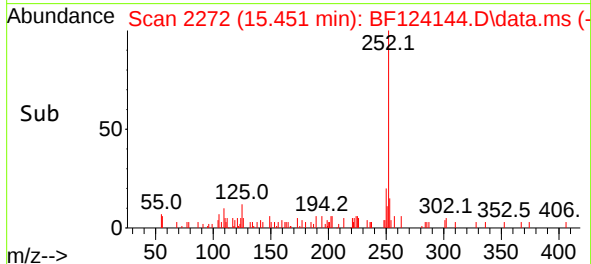




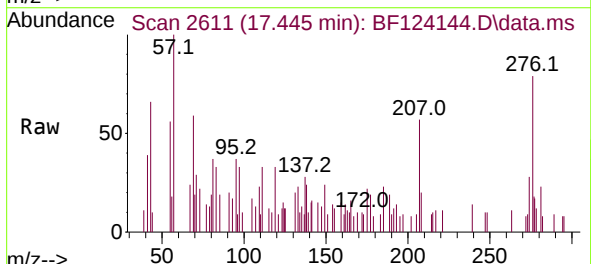
#90
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



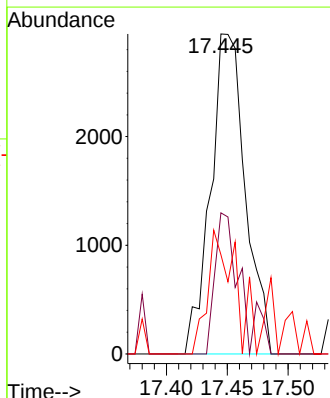
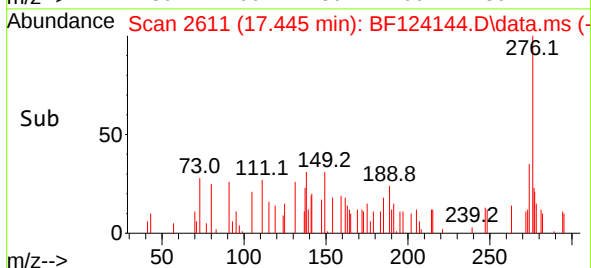
Tgt Ion:252 Resp: 11532
Ion Ratio Lower Upper
252 100
253 18.0 18.4 27.6#
125 16.1 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 5.27 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124144.D
Acq: 4 Jun 2021 17:33



Tgt Ion:276 Resp: 5864
Ion Ratio Lower Upper
276 100
277 44.1 18.2 27.2#
138 31.0 13.8 20.6#



Instrument :
BNA_F
ClientSampled :
124042

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