

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123993.D
 Acq On : 19 May 2021 16:41
 Operator : JU/CG
 Sample : M2439-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11939

Manual Integrations
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Quant Time: May 20 02:25:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40099	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	161908	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	91499	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	150258	20.00	ng	0.00
76) Chrysene-d12	14.068	240	104704	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	93669	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	217870	76.29	ng	0.00
7) Phenol-d6	6.522	99	278086	75.06	ng	0.00
23) Nitrobenzene-d5	7.463	82	200298	53.30	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	80368	73.13	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	346127	46.55	ng	0.00
79) Terphenyl-d14	13.016	244	319078	46.15	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.651	163	54092	7.40	ng	99
75) Fluoranthene	12.645	202	34939	3.54	ng	94
78) Pyrene	12.868	202	28151	3.03	ng	99
83) Chrysene	14.092	228	16280	2.24	ng	93
84) Bis(2-ethylhexyl)phtha...	14.051	149	60763	11.81	ng	95
88) Benzo(b)fluoranthene	15.121	252	23086m	3.19	ng	

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

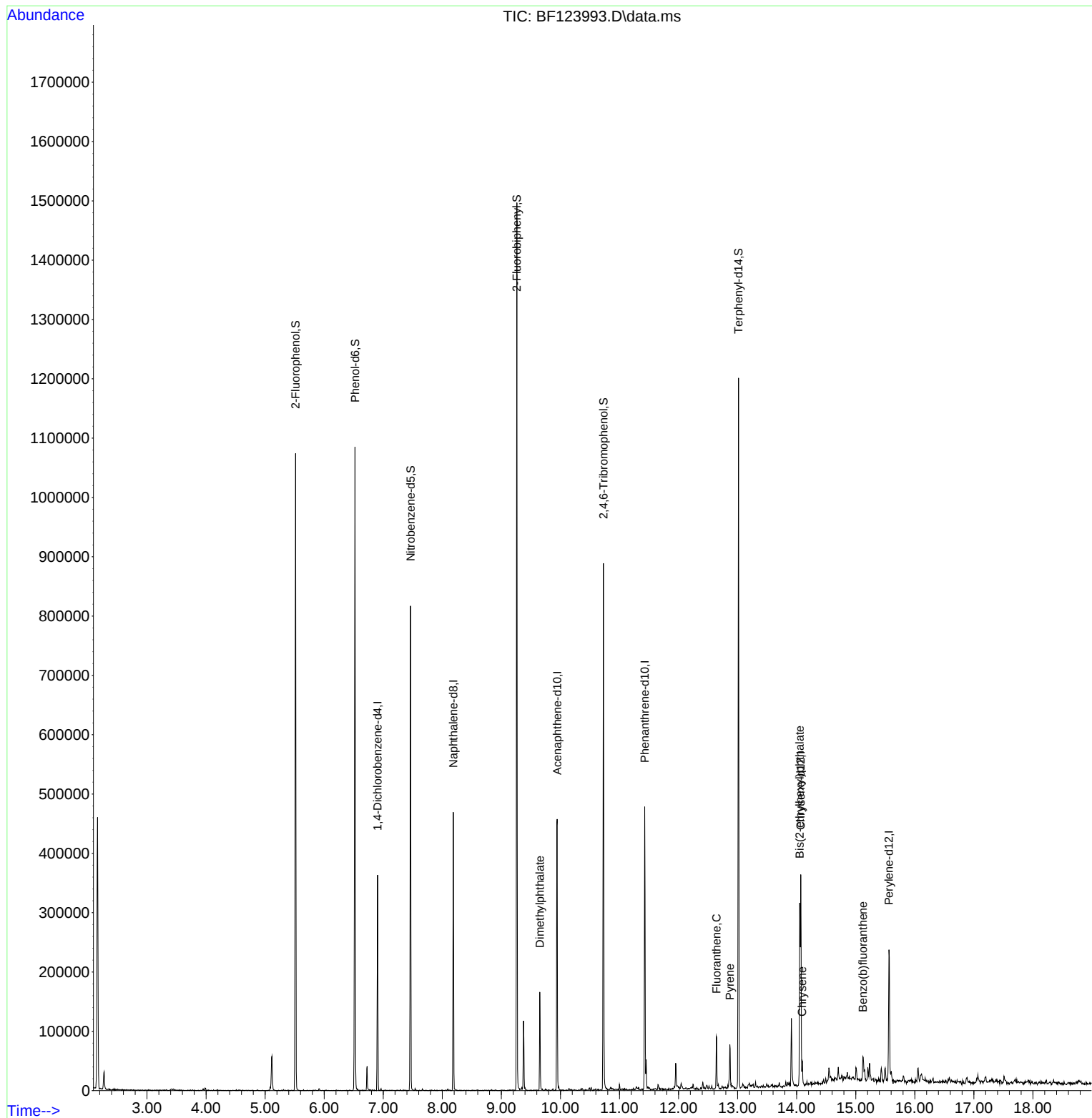
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Data File : BF123993.D
Acq On : 19 May 2021 16:41
Operator : JU/CG
Sample : M2439-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

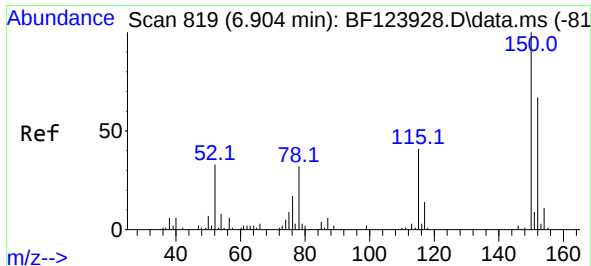
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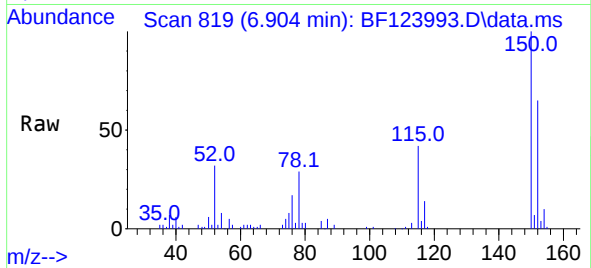
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Quant Time: May 20 02:25:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

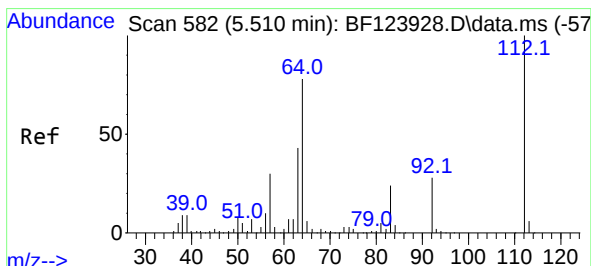
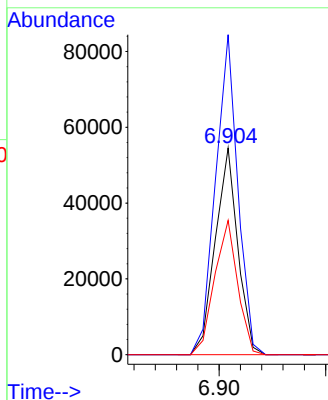
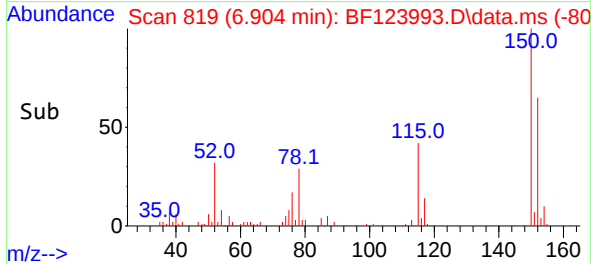




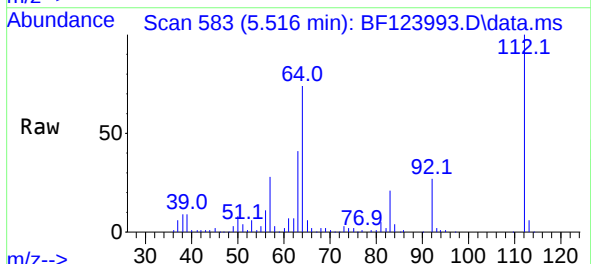
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



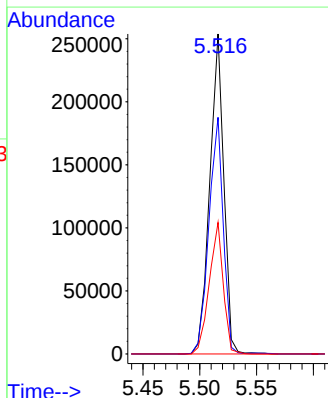
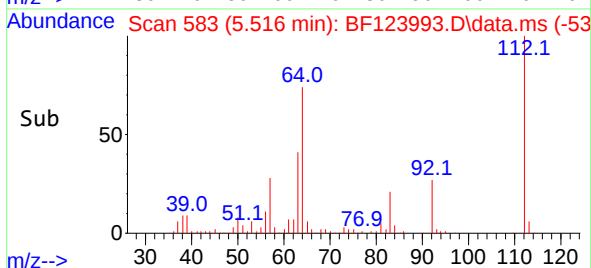
Tgt Ion:152 Resp: 40099
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 76.29 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



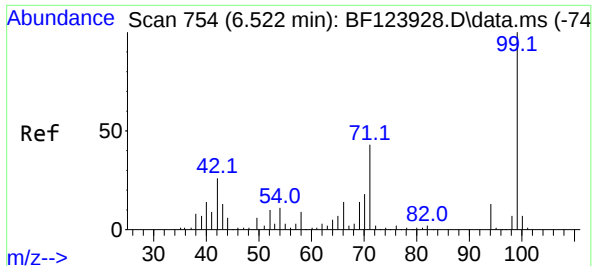
Tgt Ion:112 Resp: 217870
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 41.1 33.0 49.4



Instrument :
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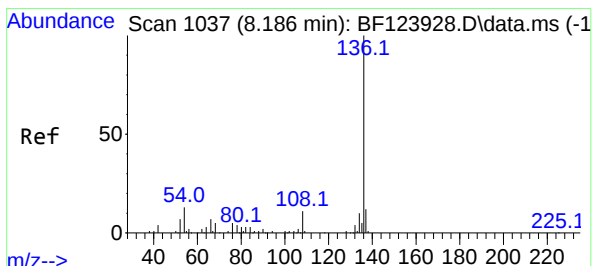
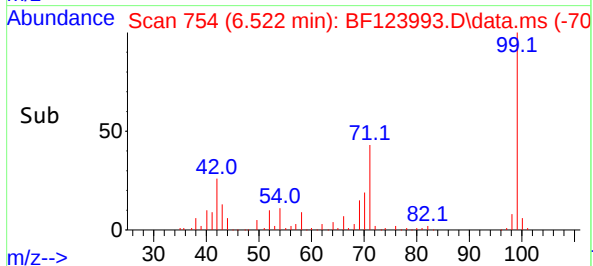
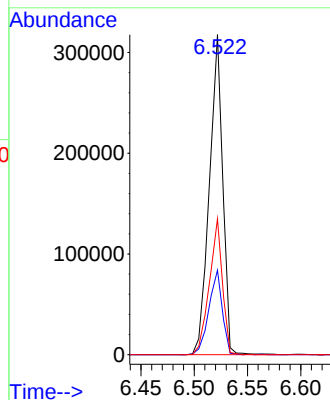
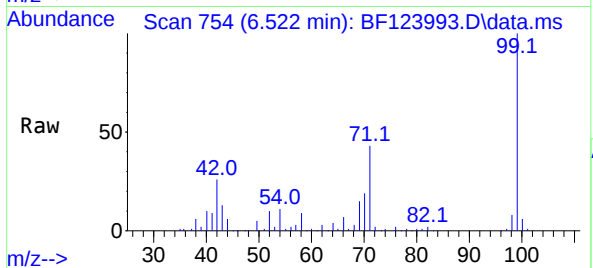
#7
Phenol-d6
Concen: 75.06 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion: 99 Resp: 278086
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 42.5 31.1 46.7

Instrument :
BNA_F
ClientSampled :
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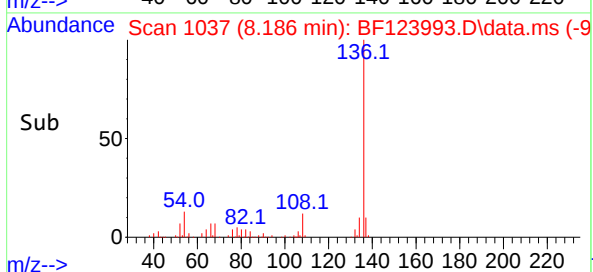
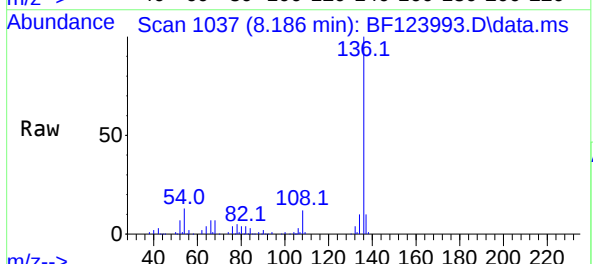
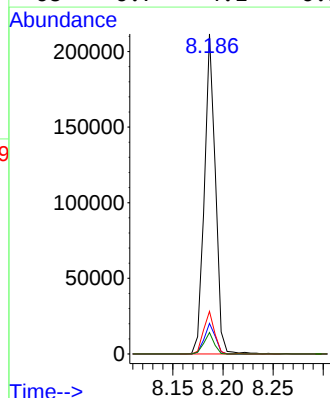
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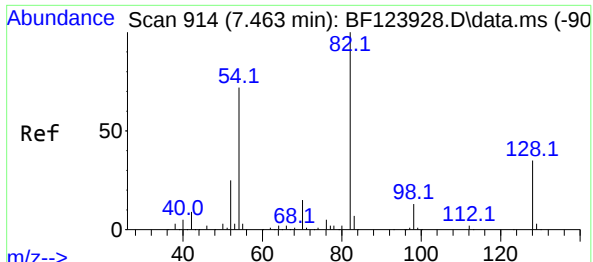
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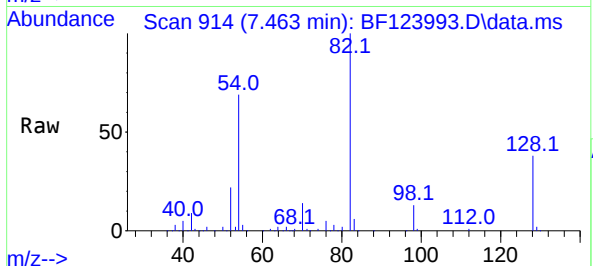
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion: 136 Resp: 161908
Ion Ratio Lower Upper
136 100
137 9.5 8.7 13.1
54 13.3 9.8 14.6
68 6.7 4.1 6.1#

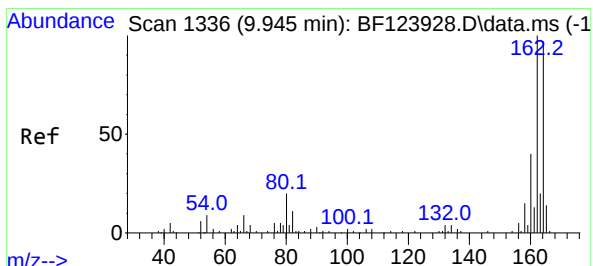
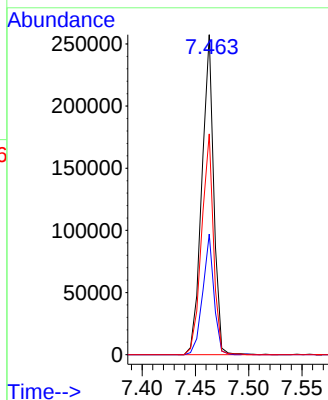
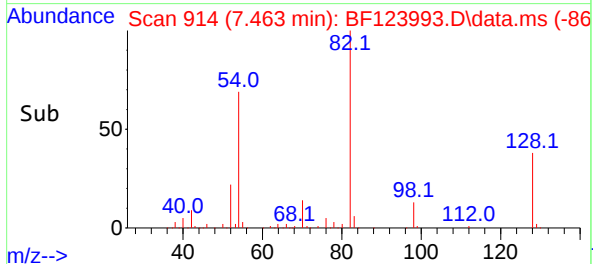




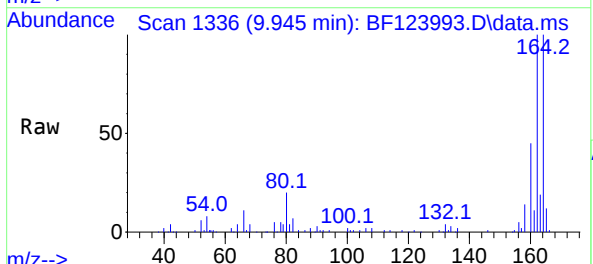
#23
Nitrobenzene-d5
Concen: 53.30 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



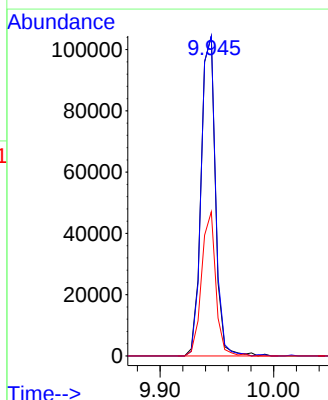
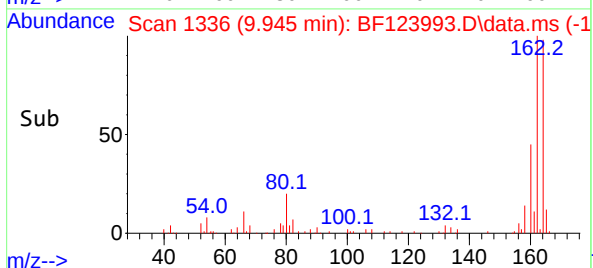
Tgt Ion: 82 Resp: 200298
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 69.0 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



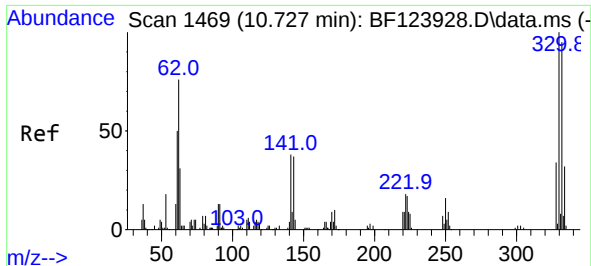
Tgt Ion: 164 Resp: 91499
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.1 37.3 55.9



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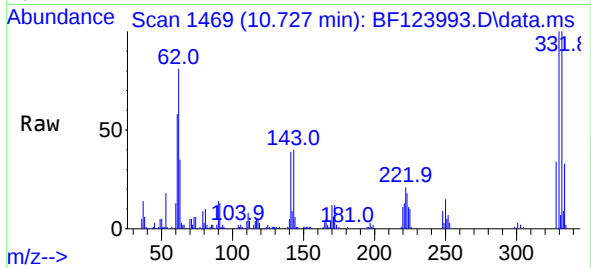
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#42
2,4,6-Tribromophenol
Concen: 73.13 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

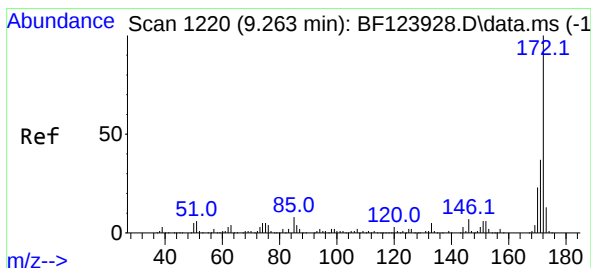
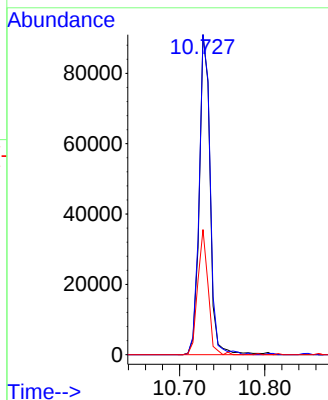
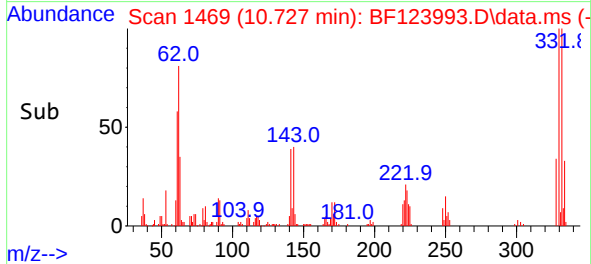
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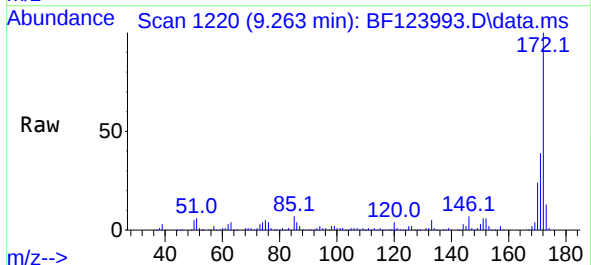
Tgt Ion: 330 Resp: 80368
Ion Ratio Lower Upper
330 100
332 101.5 77.1 115.7
141 37.2 27.9 41.9

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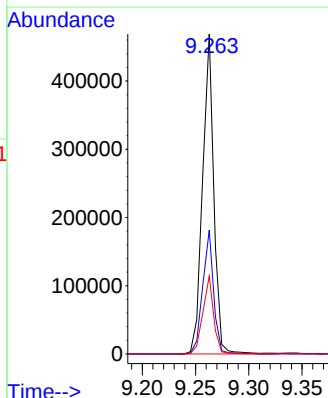
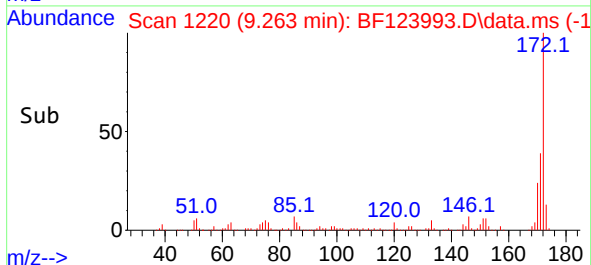
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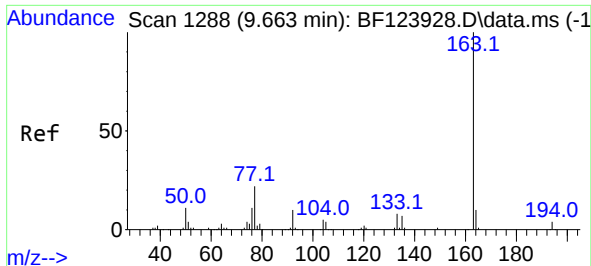


#45
2-Fluorobiphenyl
Concen: 46.55 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123993.D
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Tgt Ion: 172 Resp: 346127
Ion Ratio Lower Upper
172 100
171 38.7 28.1 42.1
170 24.3 19.2 28.8





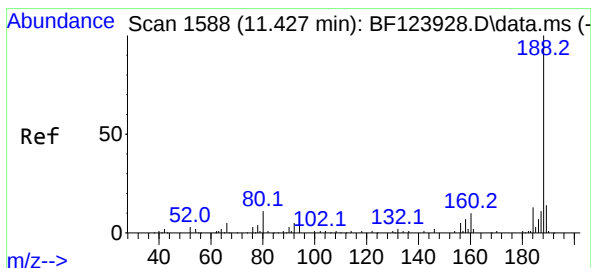
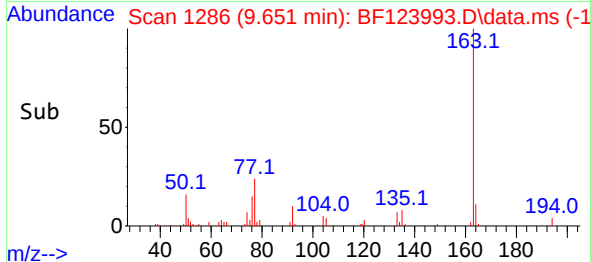
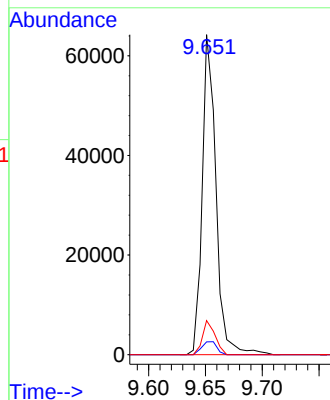
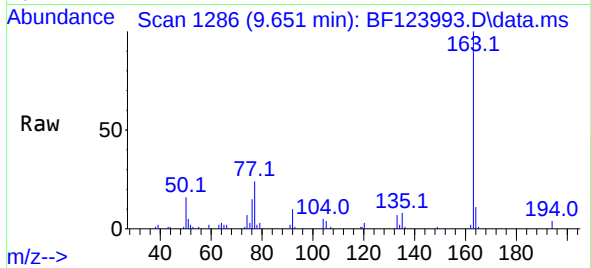
#50
Dimethylphthalate
Concen: 7.40 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:163 Resp: 54092
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.7 8.2 12.2

Instrument :
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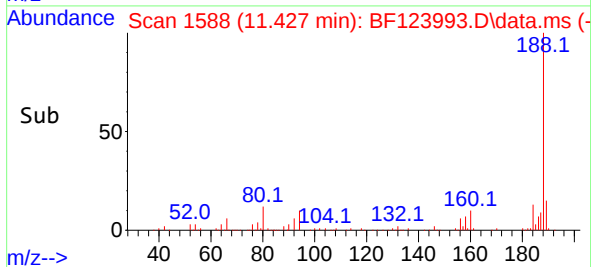
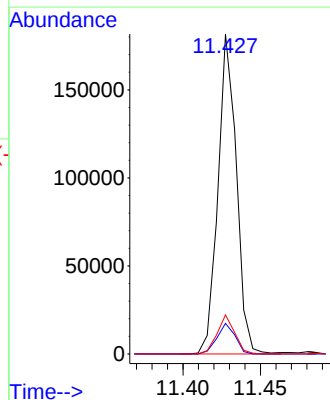
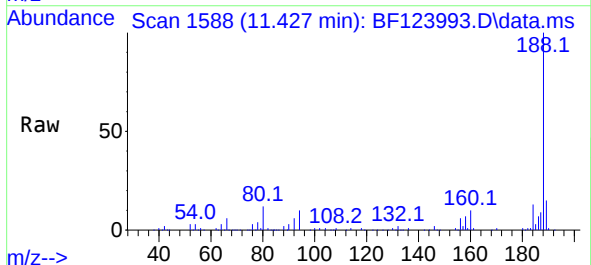
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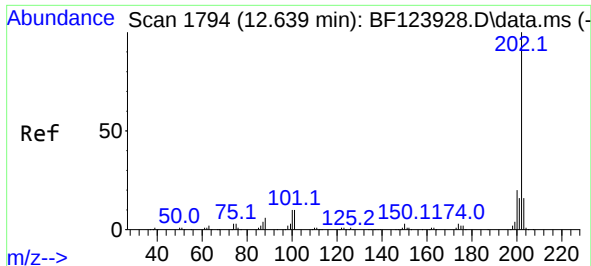
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:188 Resp: 150258
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 12.2 8.2 12.2





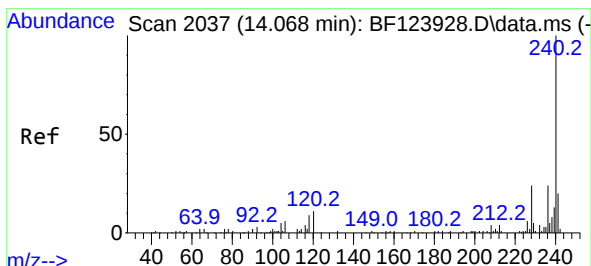
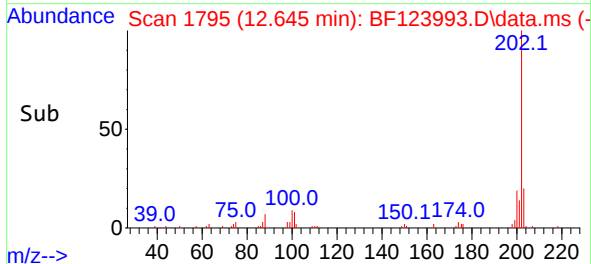
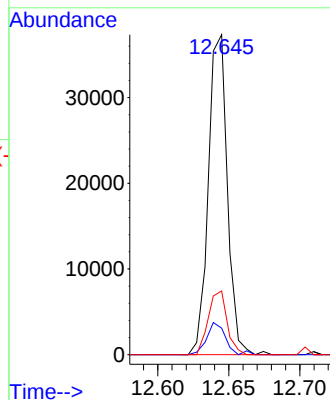
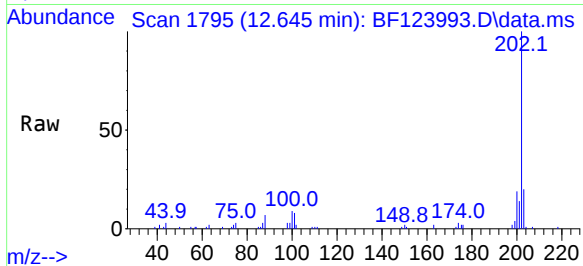
#75
Fluoranthene
Concen: 3.54 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:	202	Resp:	34939
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.9
203	19.9	0.0	37.5

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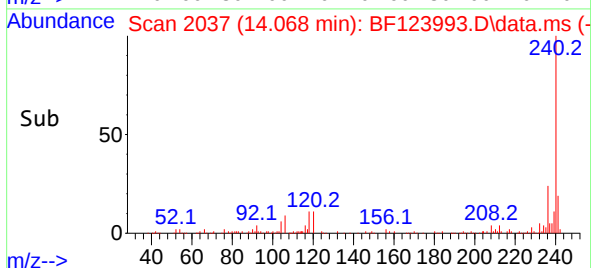
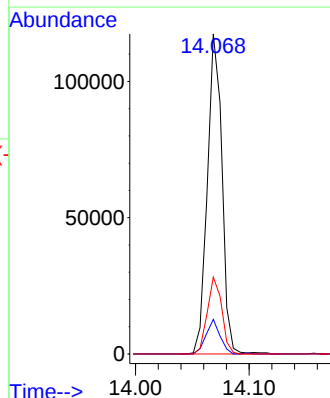
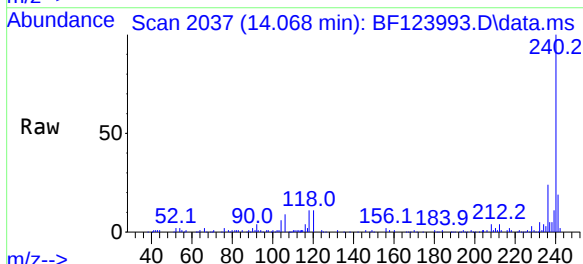
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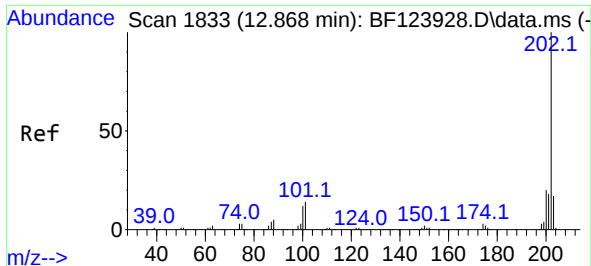
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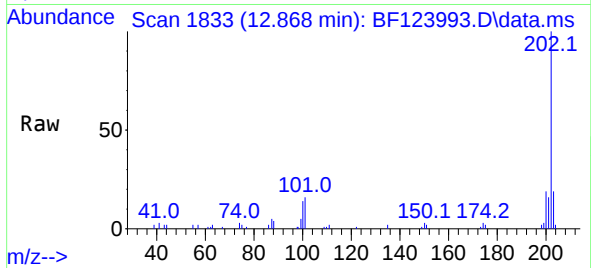
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:	240	Resp:	104704
Ion Ratio	Lower	Upper	
240	100		
120	10.8	7.2	10.8#
236	24.0	19.0	28.4





#78
Pyrene
Concen: 3.03 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

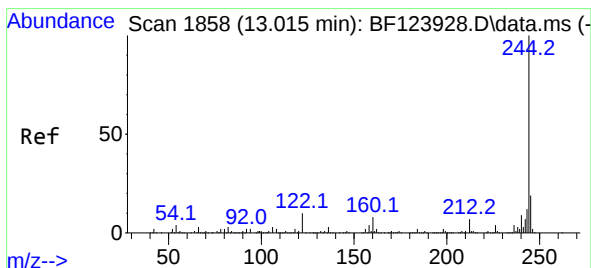
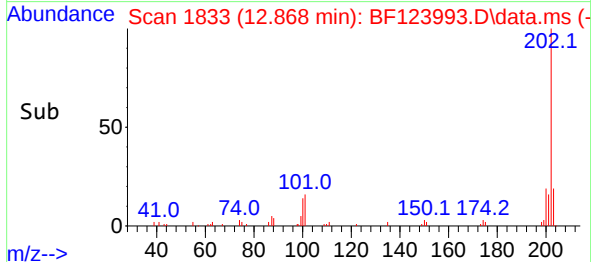
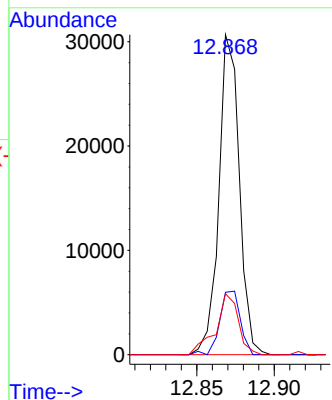


Tgt Ion:202 Resp: 28151
Ion Ratio Lower Upper
202 100
200 19.5 16.1 24.1
203 19.0 14.8 22.2

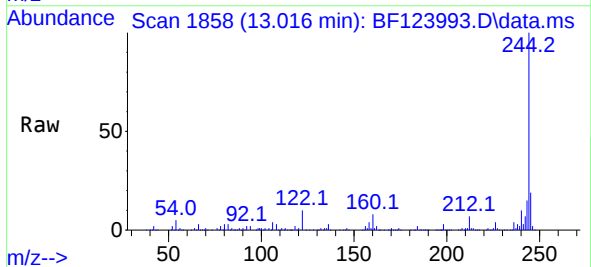
Instrument :
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ClientSampled :
RO-72-11939

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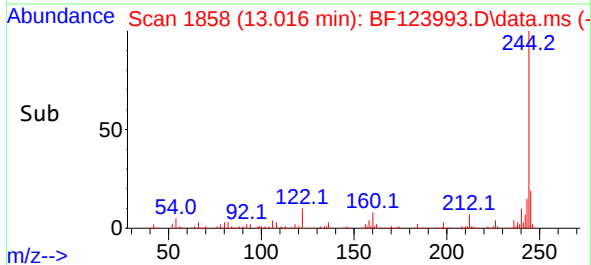
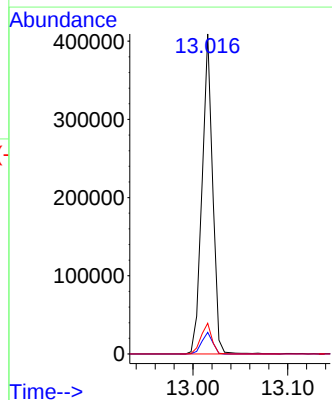
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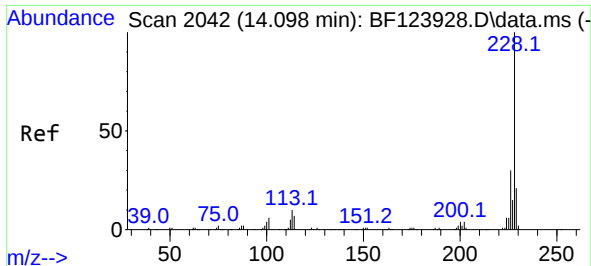


#79
Terphenyl-d14
Concen: 46.15 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

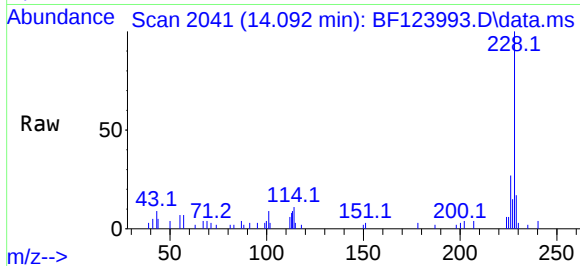


Tgt Ion:244 Resp: 319078
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.6 9.7 14.5#

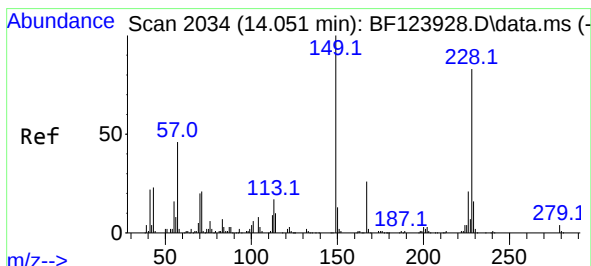
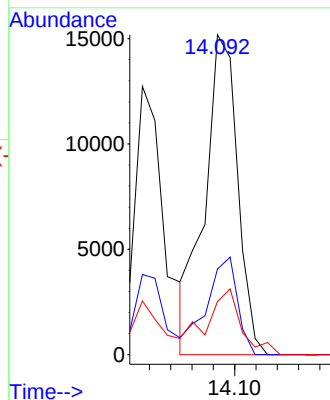
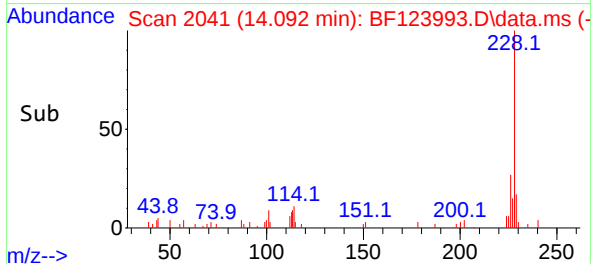




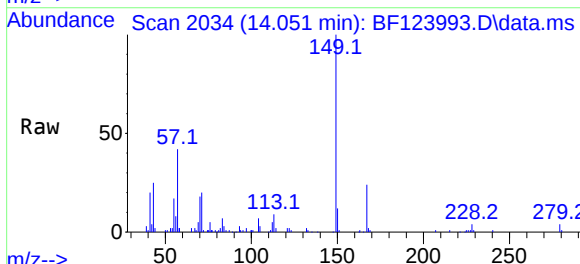
#83
Chrysene
Concen: 2.24 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



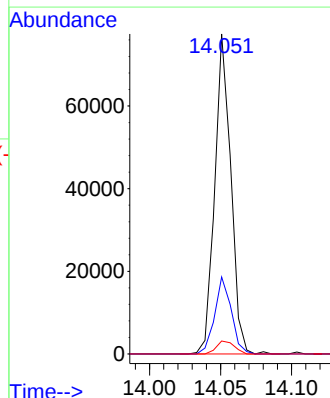
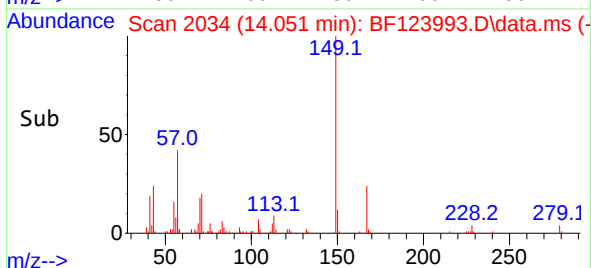
Tgt Ion:228 Resp: 16280
Ion Ratio Lower Upper
228 100
226 26.7 24.3 36.5
229 16.6 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.81 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



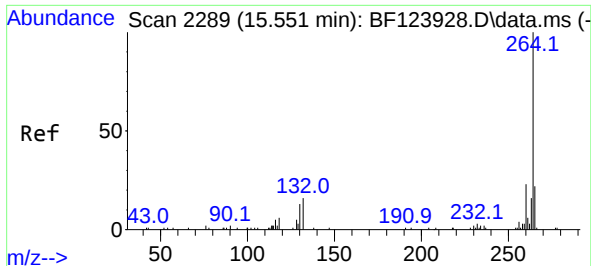
Tgt Ion:149 Resp: 60763
Ion Ratio Lower Upper
149 100
167 24.1 21.8 32.6
279 4.0 3.3 4.9



Instrument :
BNA_F
ClientSampled :
RO-72-11939

Manual Integrations
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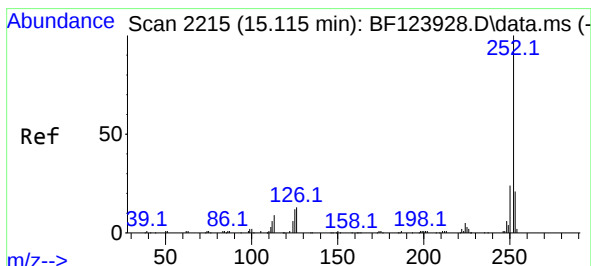
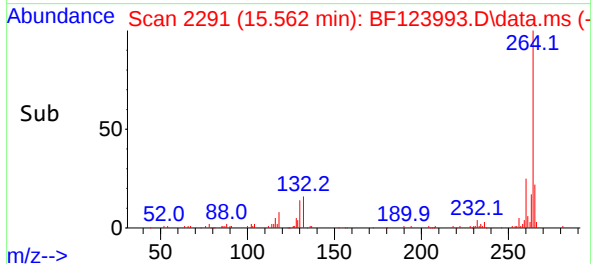
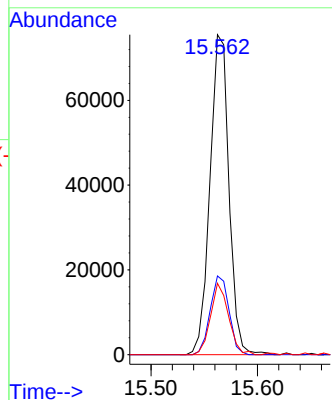
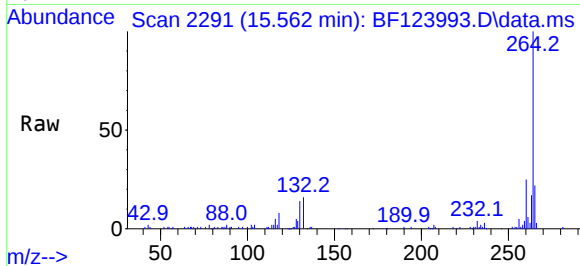
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:264	Resp:	93669
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.7 28.1
265	22.3	17.8 26.8

Instrument :
BNA_F
ClientSampled :
RO-72-11939

Manual Integrations
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5/20/2021 11:34:59 AM



#88
Benzo(b)fluoranthene
Concen: 3.19 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:252	Resp:	23086
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.1 27.1
125	14.9	6.2 9.4#

