

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123174.D
 Acq On : 10 Feb 2021 17:19
 Operator : JU/CG
 Sample : M1347-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020921

Manual Integrations
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 2/11/2021 9:46:22 AM

Quant Time: Feb 10 17:46:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 15:25:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	153214	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	584961	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	314417	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	585463	20.00	ng	0.00
76) Chrysene-d12	14.063	240	426391	20.00	ng	0.00
86) Perylene-d12	15.551	264	376652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	989368	99.61	ng	0.00
7) Phenol-d6	6.504	99	1252294	93.02	ng	0.00
23) Nitrobenzene-d5	7.439	82	791746	68.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	278473	81.59	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1389050	65.67	ng	0.00
79) Terphenyl-d14	13.010	244	1537327	70.84	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.633	163	49896	2.02	ng	99
75) Fluoranthene	12.633	202	298326	8.21	ng	98
78) Pyrene	12.863	202	315770	9.81	ng	97
81) Benzo(a)anthracene	14.051	228	225065	7.80	ng	99
83) Chrysene	14.086	228	194750	6.74	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	150672	6.01	ng	96
88) Benzo(b)fluoranthene	15.110	252	238084m	8.76	ng	
89) Benzo(k)fluoranthene	15.139	252	100346m	3.97	ng	
90) Benzo(a)pyrene	15.480	252	198316	8.31	ng	96
91) Dibenzo(a,h)anthracene	17.051	278	51113	2.48	ng	# 88
92) Benzo(g,h,i)perylene	17.486	276	143324	7.16	ng	96

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

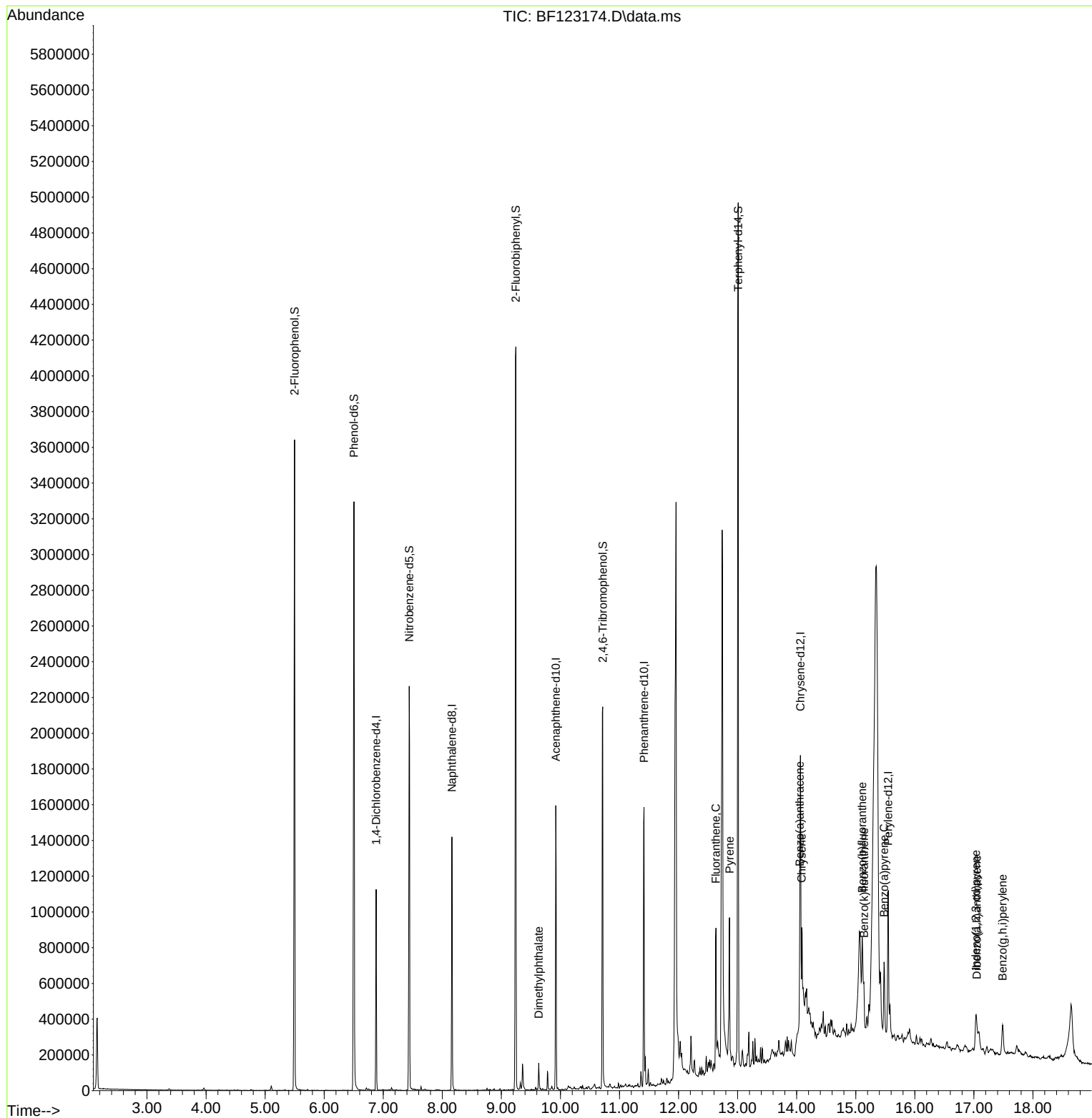
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Data File : BF123174.D
Acq On : 10 Feb 2021 17:19
Operator : JU/CG
Sample : M1347-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

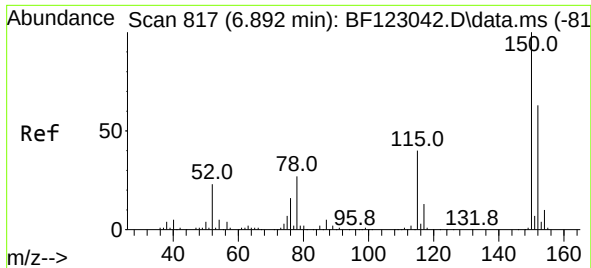
Instrument :
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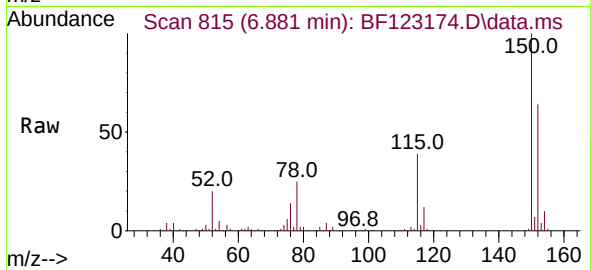
Quant Time: Feb 10 17:46:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:25:30 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

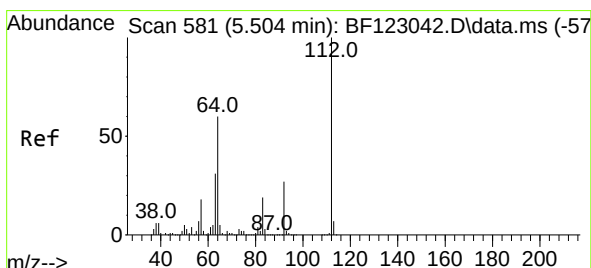
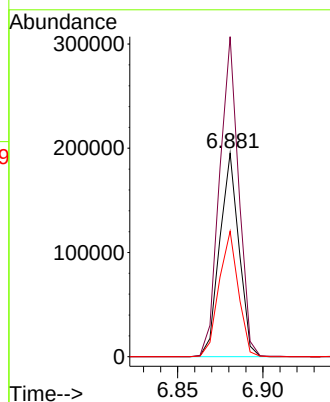
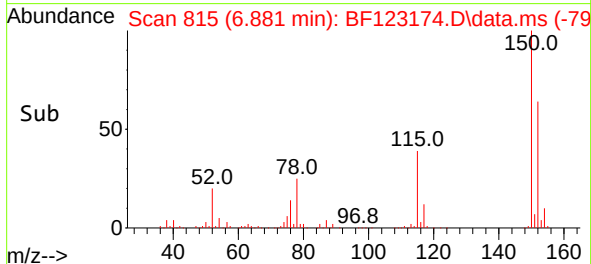
Instrument :
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ClientSampleId :
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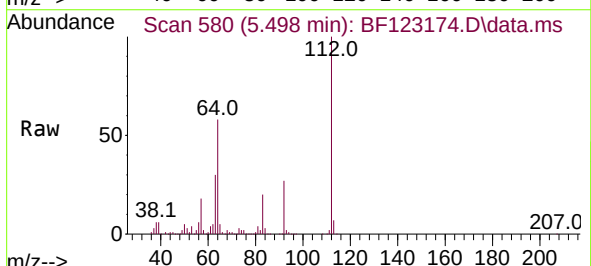
Tgt Ion:152 Resp: 153214
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 61.6 49.3 73.9

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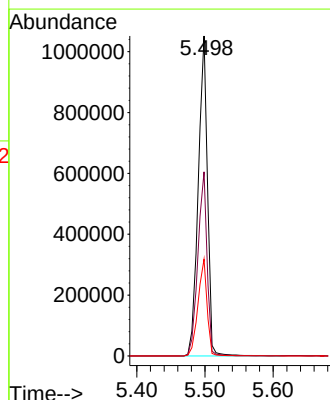
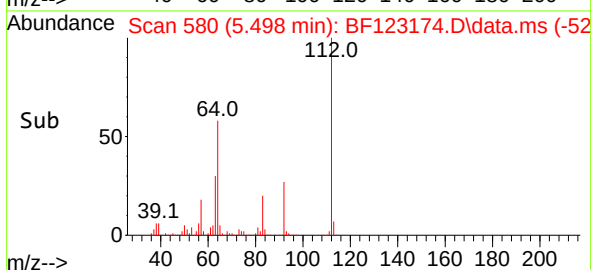
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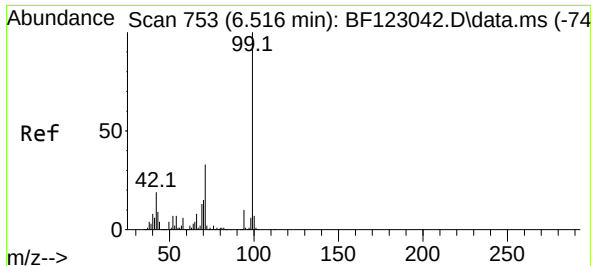


#5
2-Fluorophenol
Concen: 99.61 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



Tgt Ion:112 Resp: 989368
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 30.3 24.5 36.7





#7
Phenol-d6
Concen: 93.02 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

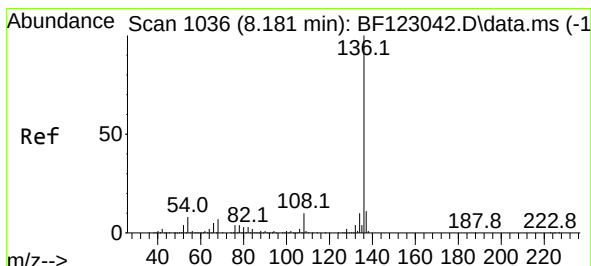
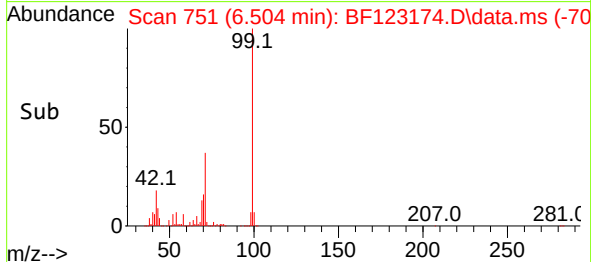
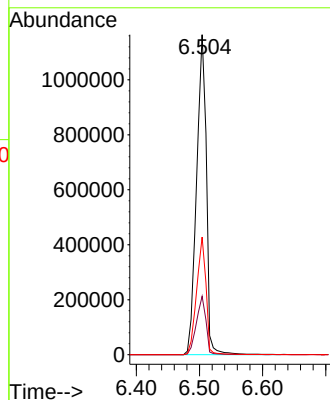
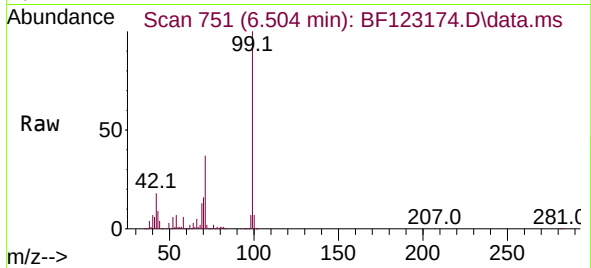
Tgt Ion: 99 Resp: 1252294

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.8	20.6
71	36.7	26.9	40.3

Instrument :
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OR-03-020921

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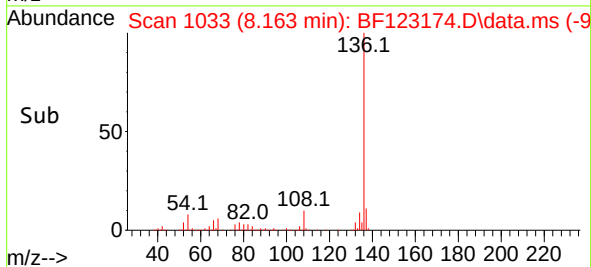
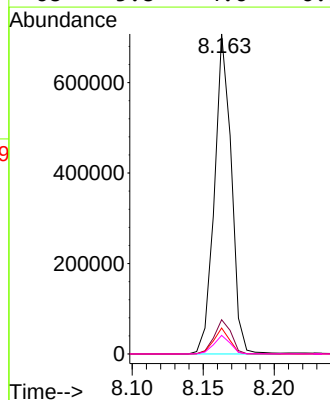
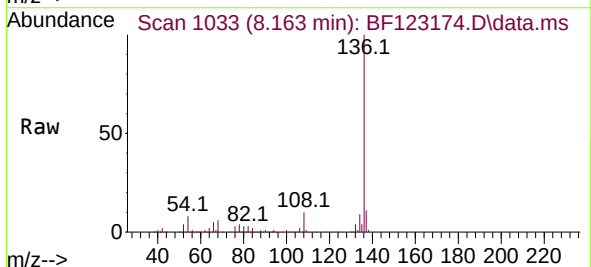
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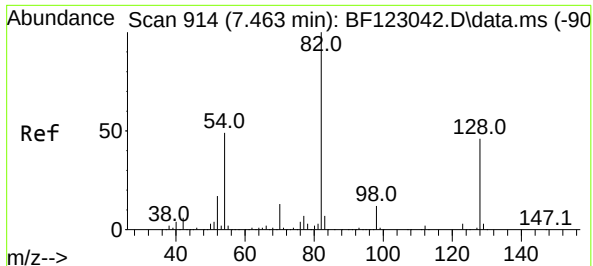


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion: 136 Resp: 584961

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.5	8.3
68	5.8	4.6	6.8





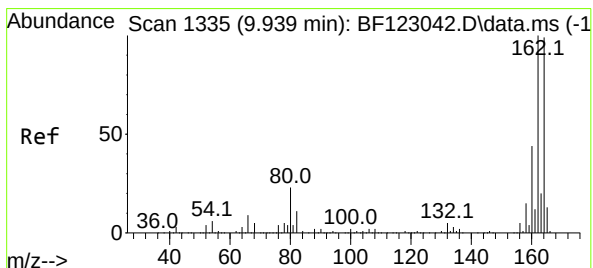
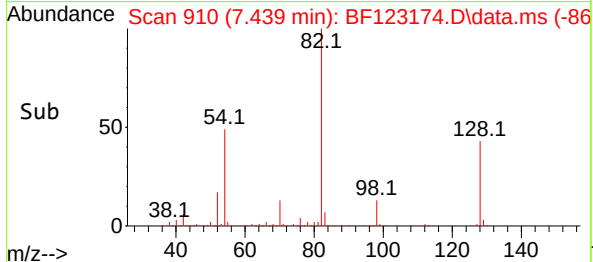
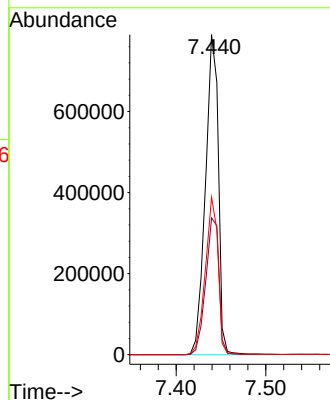
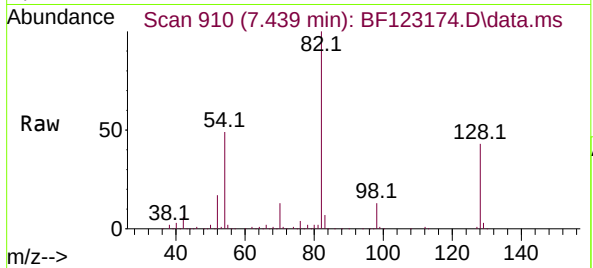
#23
Nitrobenzene-d5
Concen: 68.12 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion: 82 Resp: 791746
Ion Ratio Lower Upper
82 100
128 42.7 37.0 55.4
54 49.2 38.4 57.6

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OR-03-020921

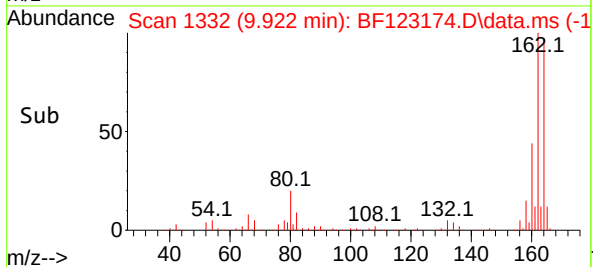
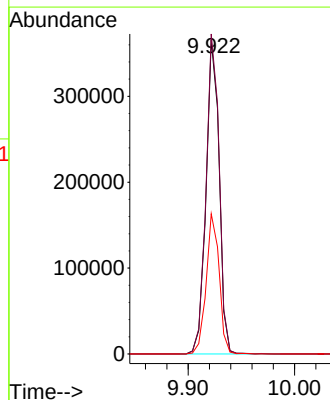
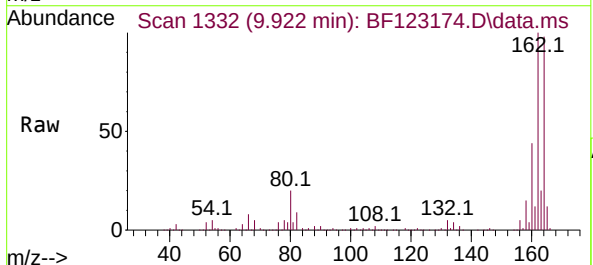
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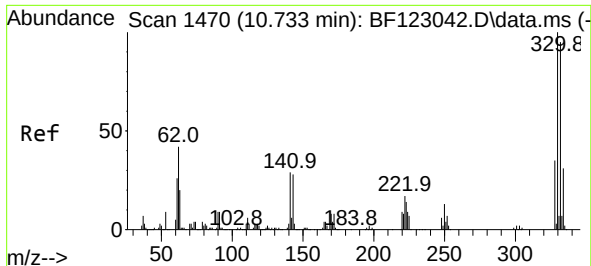
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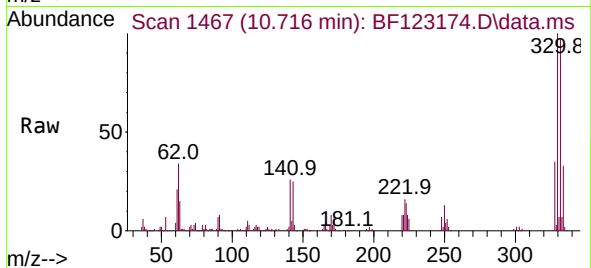
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion: 164 Resp: 314417
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 44.6 35.4 53.0

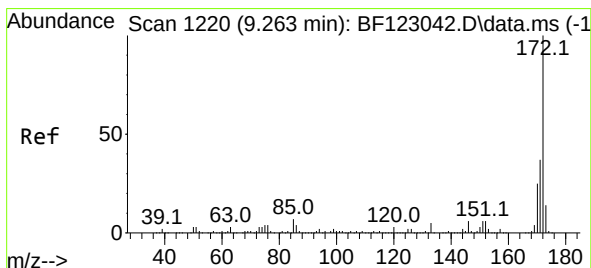
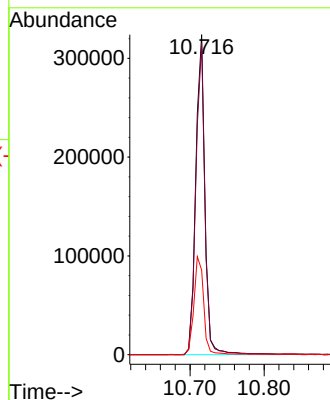
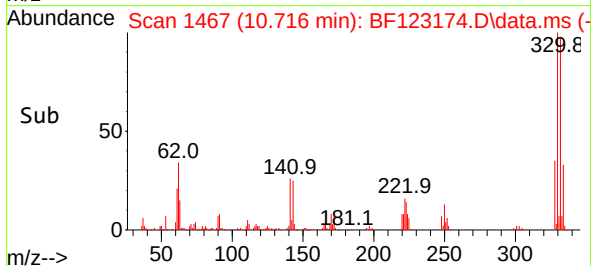




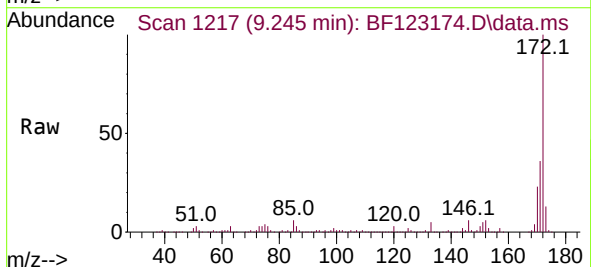
#42
2,4,6-Tribromophenol
Concen: 81.59 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



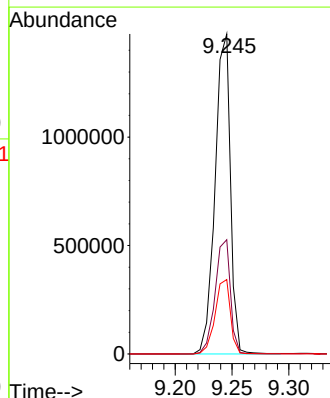
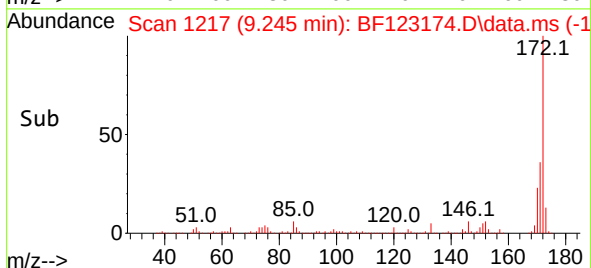
Tgt Ion: 330 Resp: 278473
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 32.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.67 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



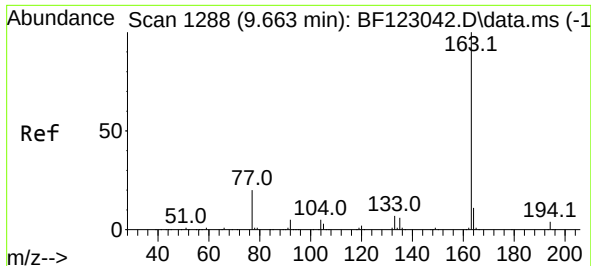
Tgt Ion: 172 Resp: 1389050
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.5 29.3



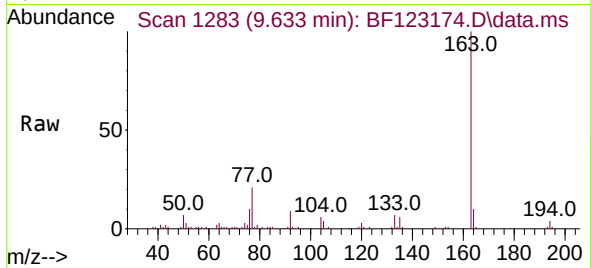
Instrument :
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ClientSampleId :
OR-03-020921

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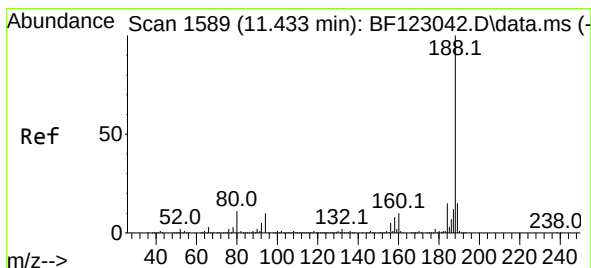
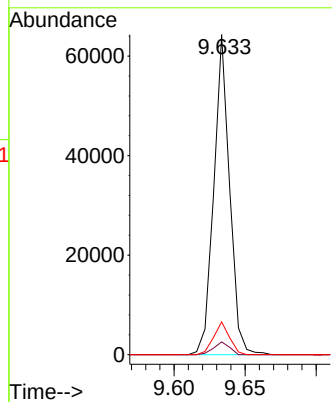
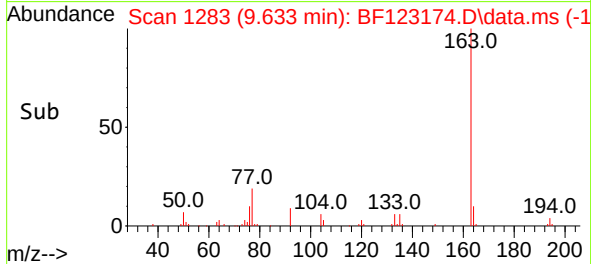
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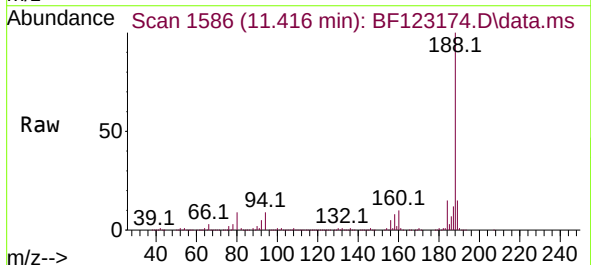
#50
Dimethylphthalate
Concen: 2.02 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.017 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



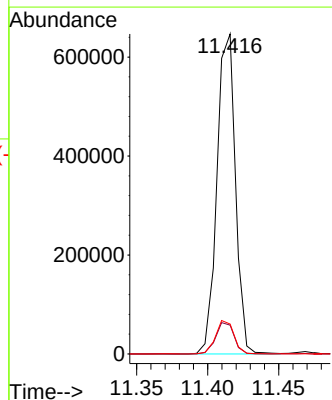
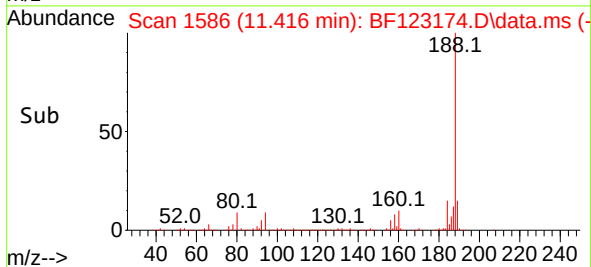
Tgt Ion:163 Resp: 49896
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



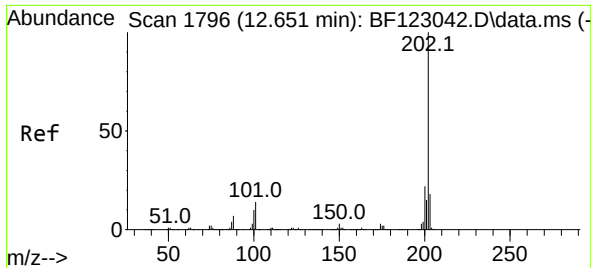
Tgt Ion:188 Resp: 585463
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.3 8.2 12.4



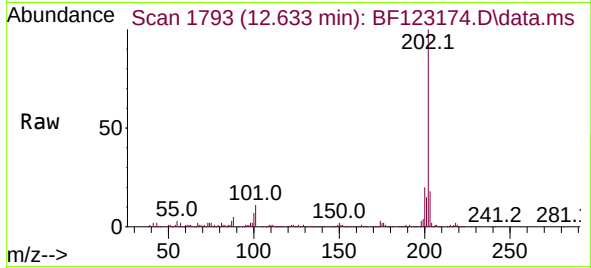
Instrument :
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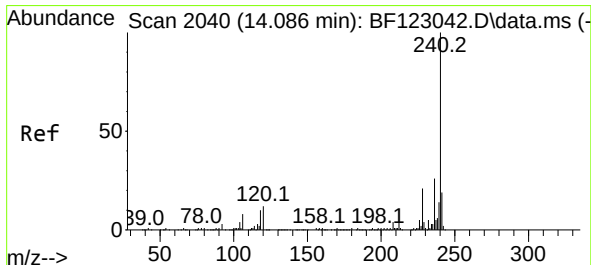
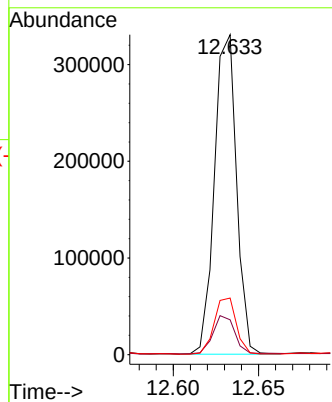
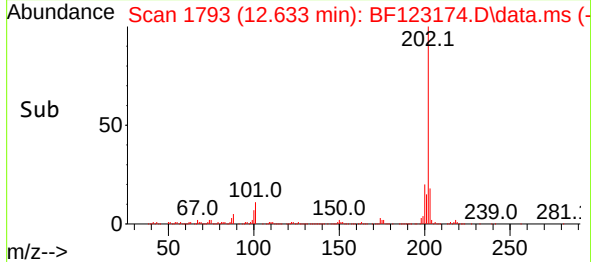
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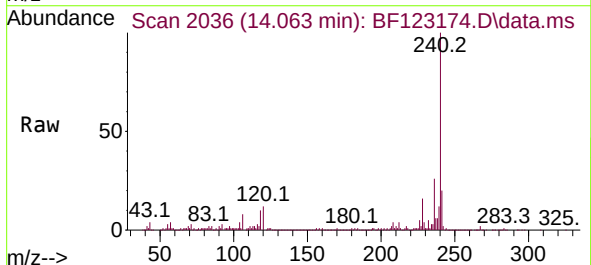
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Fluoranthene
Concen: 8.21 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



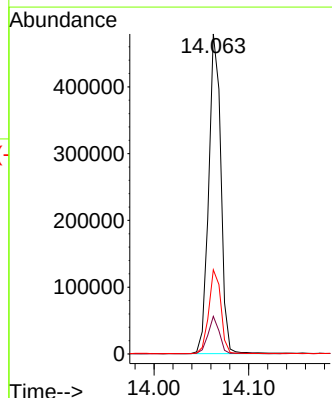
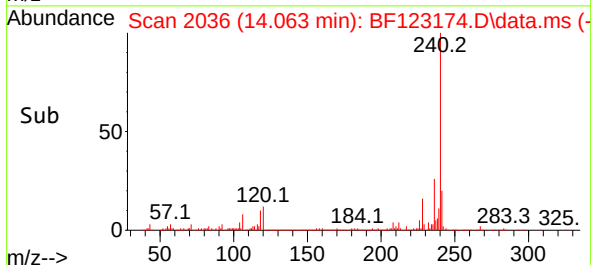
Tgt Ion:202 Resp: 298326
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.2
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



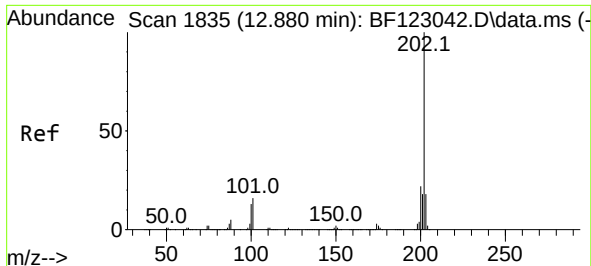
Tgt Ion:240 Resp: 426391
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.3 20.3 30.5



Instrument :
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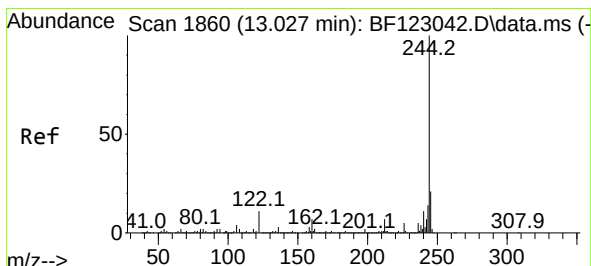
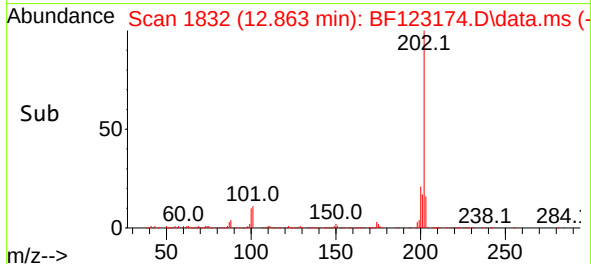
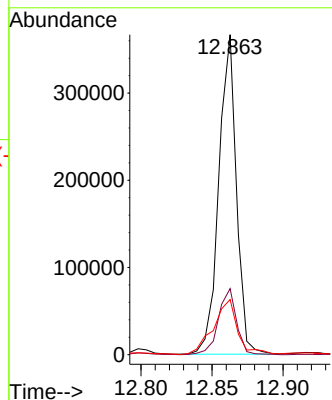
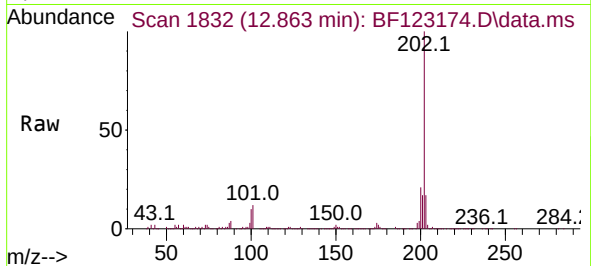
#78
Pyrene
Concen: 9.81 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:	202	Resp:	315770
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.6	26.4
203	17.3	14.6	21.8

Instrument :
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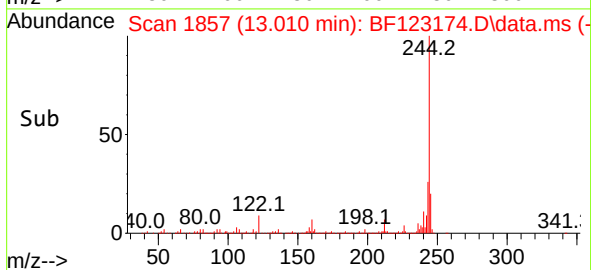
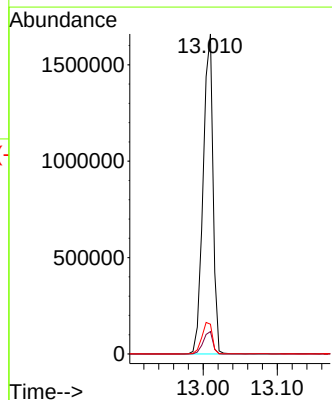
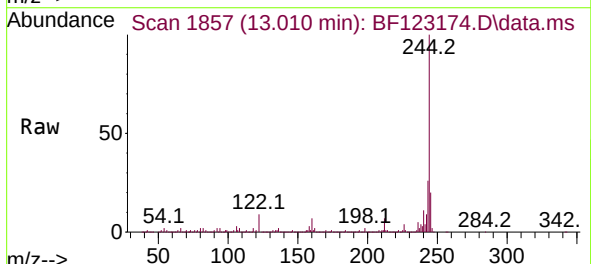
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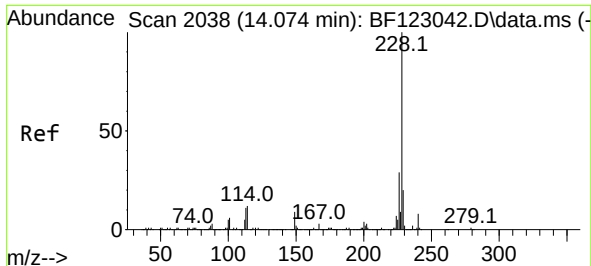
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#79
Terphenyl-d14
Concen: 70.84 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:	244	Resp:	1537327
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	9.3	8.3	12.5





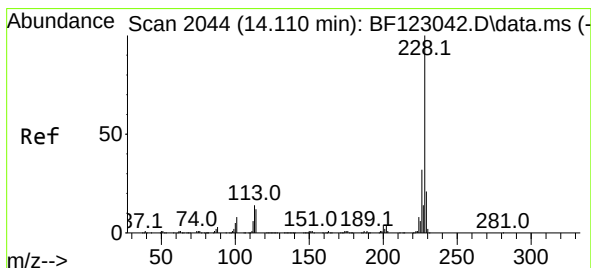
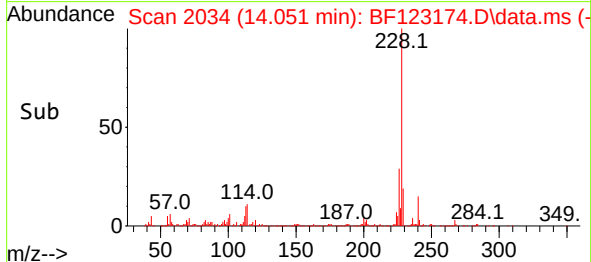
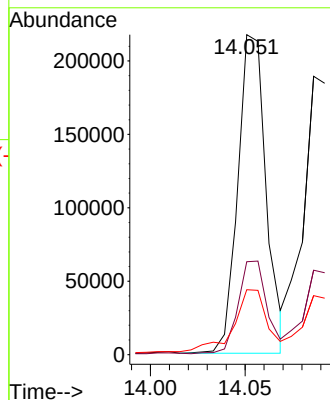
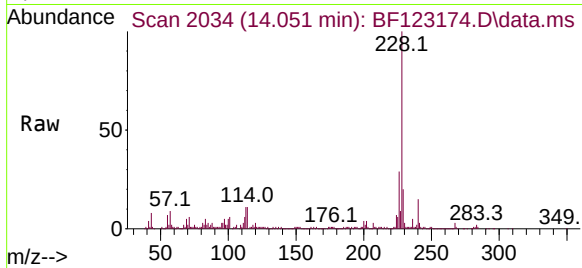
#81
Benzo(a)anthracene
Concen: 7.80 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:228 Resp: 225065
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.4
229 20.3 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
OR-03-020921

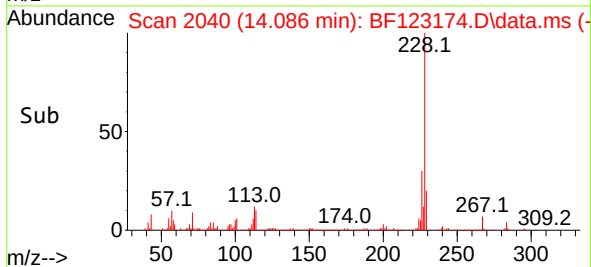
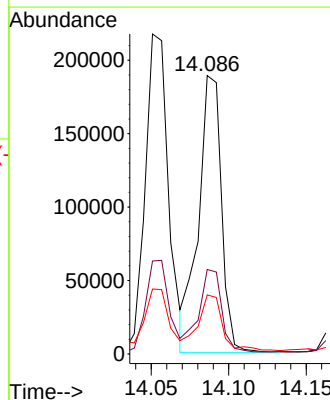
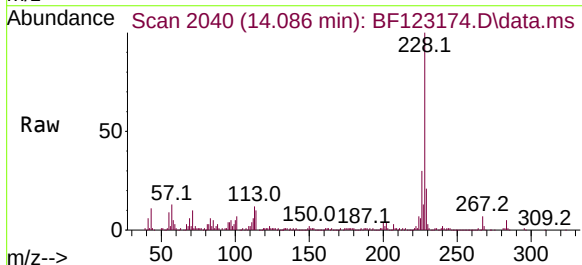
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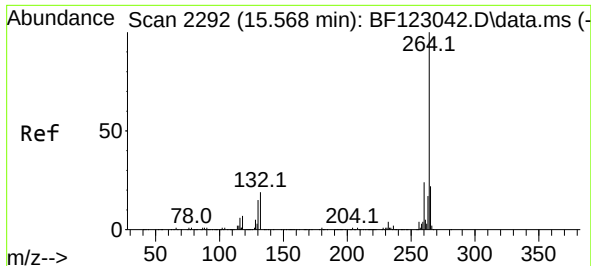
mohammad
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#83
Chrysene
Concen: 6.74 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

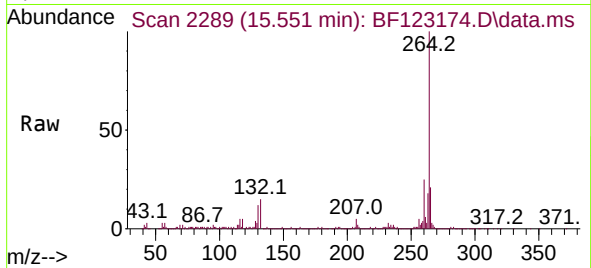
Tgt Ion:228 Resp: 194750
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 21.2 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

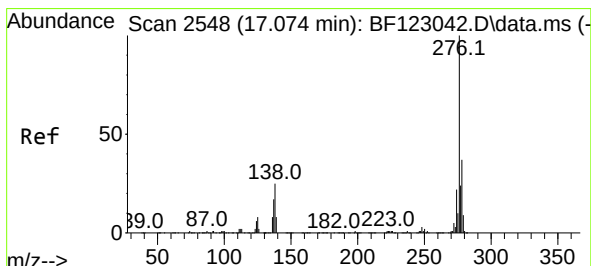
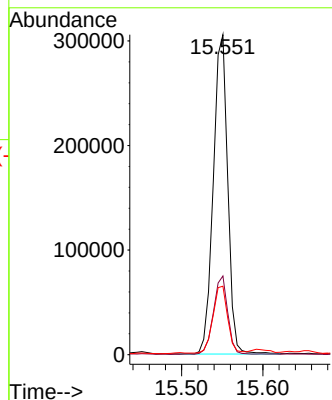
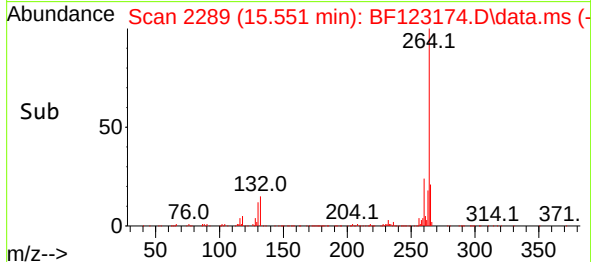
Instrument :
BNA_F
ClientSampleId :
OR-03-020921



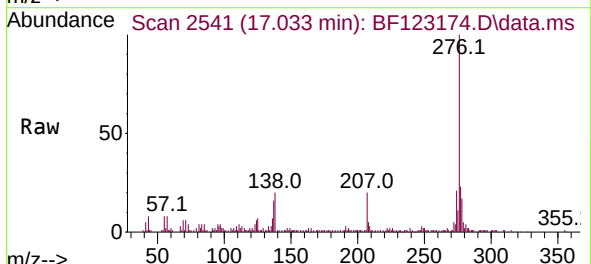
Tgt Ion:264 Resp: 376652
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 21.4 17.0 25.6

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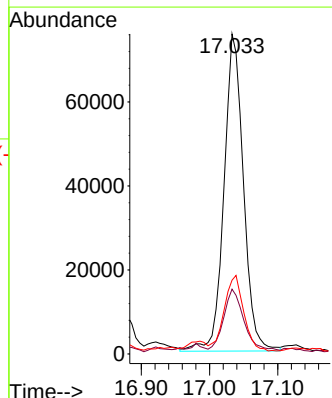
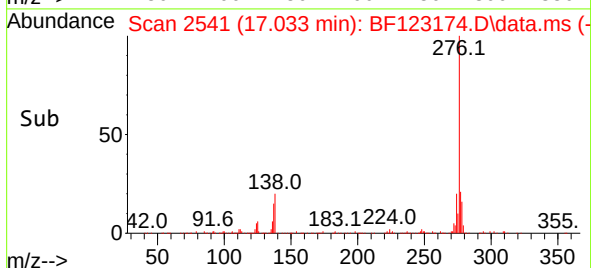
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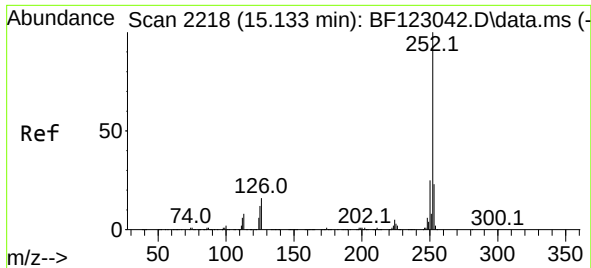


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.01 ng
RT: 17.033 min Scan# 2541
Delta R.T. -0.017 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19



Tgt Ion:276 Resp: 150672
Ion Ratio Lower Upper
276 100
138 20.7 18.7 28.1
277 23.7 20.2 30.4





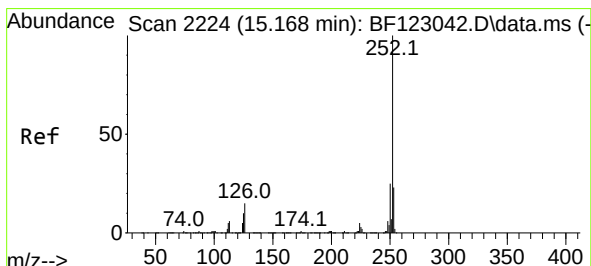
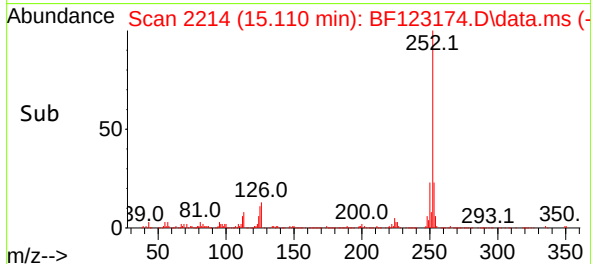
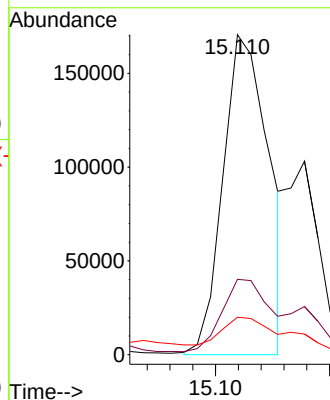
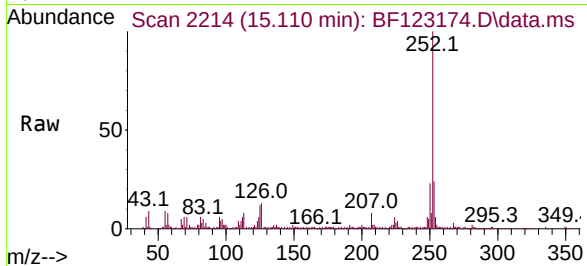
#88
Benzo(b)fluoranthene
Concen: 8.76 ng m
RT: 15.110 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:252 Resp: 238084
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 11.7 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
OR-03-020921

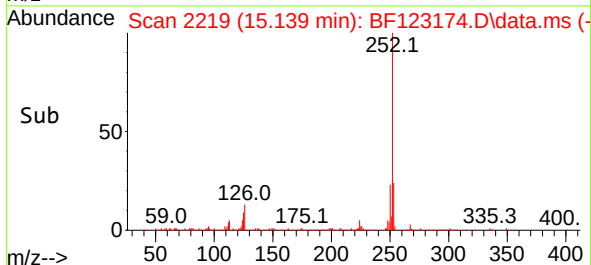
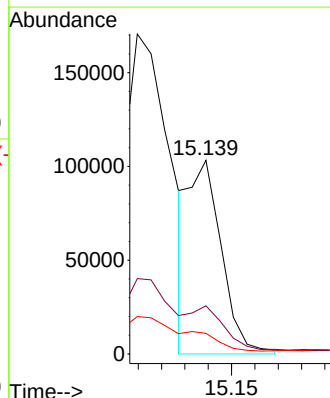
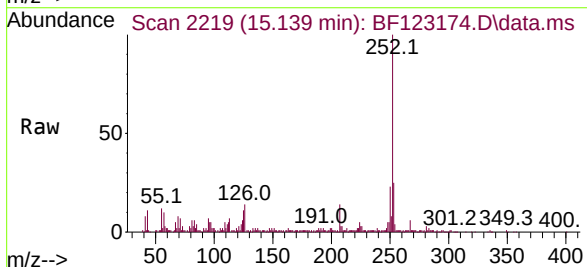
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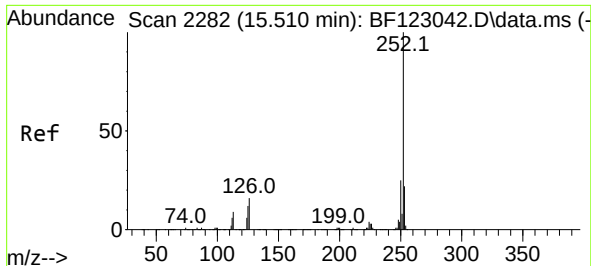
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#89
Benzo(k)fluoranthene
Concen: 3.97 ng m
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:252 Resp: 100346
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 10.7 8.4 12.6





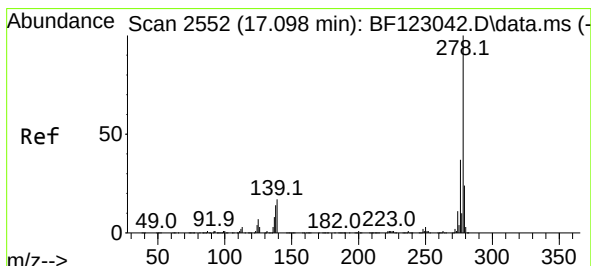
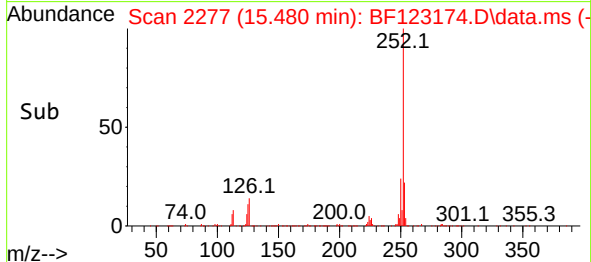
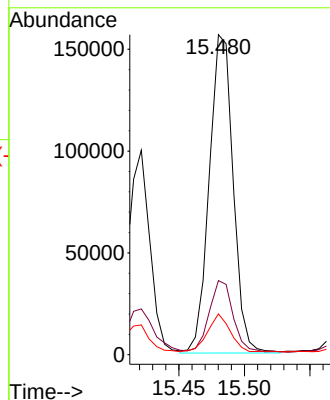
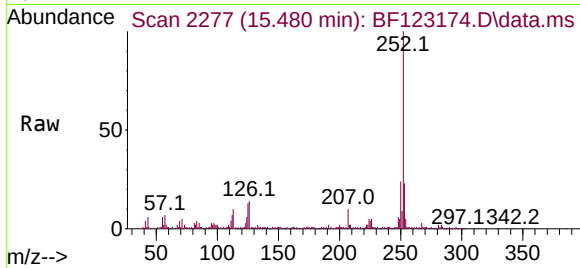
#90
Benzo(a)pyrene
Concen: 8.31 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:252 Resp: 198316
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 12.7 8.6 12.8

Instrument :
BNA_F
ClientSampleId :
OR-03-020921

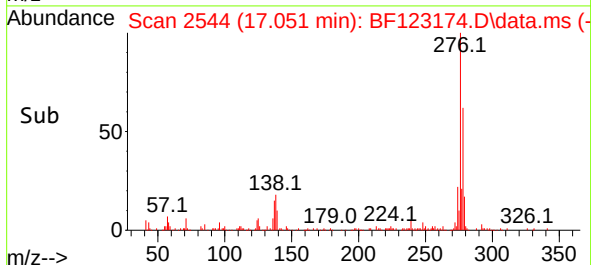
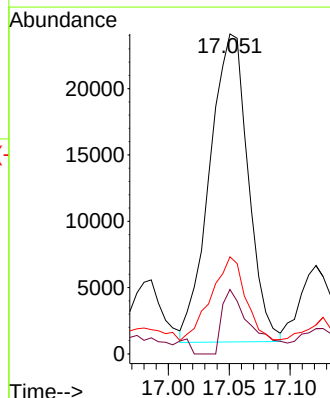
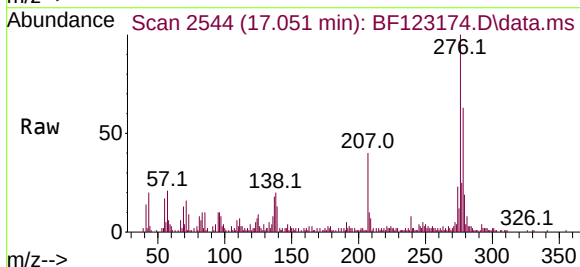
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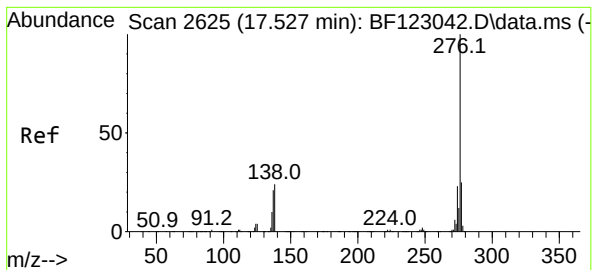
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#91
Dibenzo(a,h)anthracene
Concen: 2.48 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.017 min
Lab File: BF123174.D
Acq: 10 Feb 2021 17:19

Tgt Ion:278 Resp: 51113
Ion Ratio Lower Upper
278 100
139 20.2 12.0 18.0#
279 30.4 19.4 29.2#





#92
 Benzo(g,h,i)perylene
 Concen: 7.16 ng
 RT: 17.486 min Scan# 2618
 Delta R.T. -0.017 min
 Lab File: BF123174.D
 Acq: 10 Feb 2021 17:19

Tgt Ion:	276	Resp:	143324
Ion Ratio	Lower	Upper	
276	100		
277	22.3	19.3	28.9
138	19.2	16.6	24.8

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020921

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