

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
 Data File : BF123209.D
 Acq On : 15 Feb 2021 17:28
 Operator : JU/CG
 Sample : M1402-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-N9994

Manual Integrations
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Quant Time: Feb 15 23:44:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	146048	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	576116	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	284735	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	538176	20.00	ng	0.00
76) Chrysene-d12	14.051	240	398385	20.00	ng	0.00
86) Perylene-d12	15.527	264	312259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	991757	102.93	ng	0.00
7) Phenol-d6	6.492	99	1222564	96.08	ng	0.00
23) Nitrobenzene-d5	7.428	82	776471	70.82	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	340522	110.74	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1352949	71.01	ng	0.00
79) Terphenyl-d14	12.992	244	1371051	68.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	75356	5.39	ng	90
50) Dimethylphthalate	9.622	163	94890	4.60	ng	100
71) Phenanthrene	11.422	178	67652	2.13	ng	97
75) Fluoranthene	12.616	202	227599	7.14	ng	99
78) Pyrene	12.845	202	190913	6.48	ng	97
81) Benzo(a)anthracene	14.039	228	58398	2.18	ng	98
83) Chrysene	14.074	228	71373m	2.70	ng	
88) Benzo(b)fluoranthene	15.092	252	56558m	2.58	ng	

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

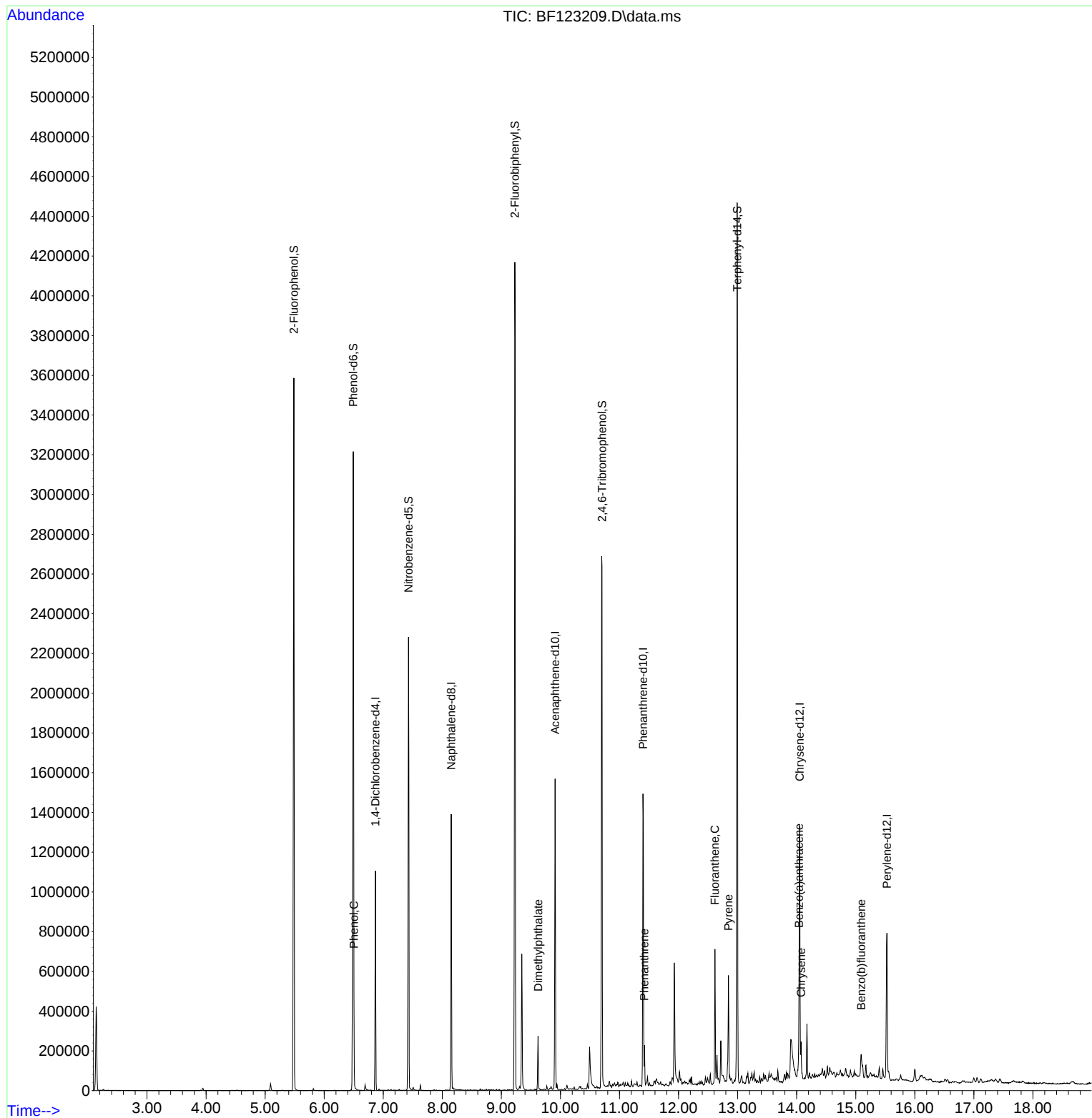
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Data File : BF123209.D
Acq On : 15 Feb 2021 17:28
Operator : JU/CG
Sample : M1402-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

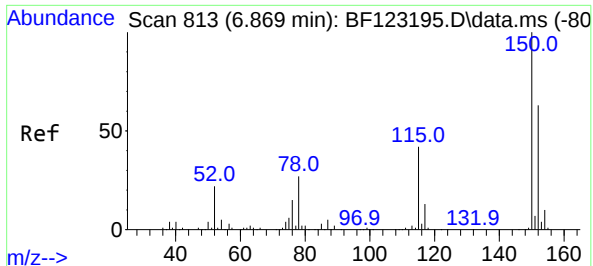
Instrument :
BNA_F
ClientSampleId :
RO-N9994

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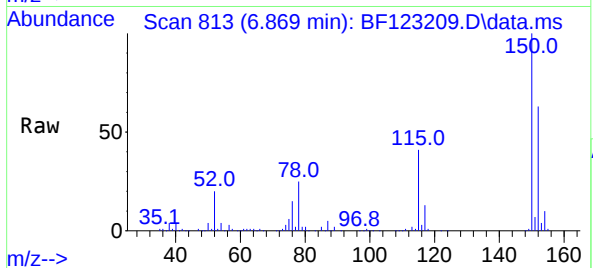
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Quant Time: Feb 15 23:44:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

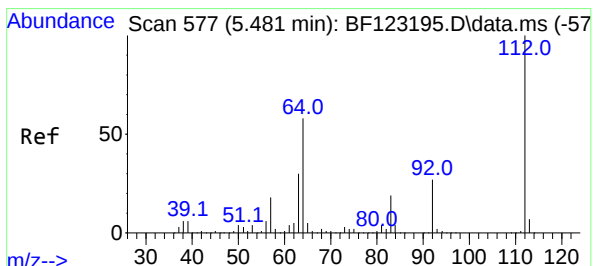
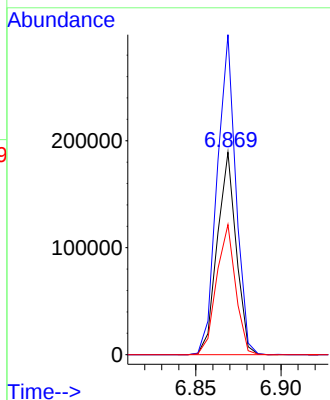
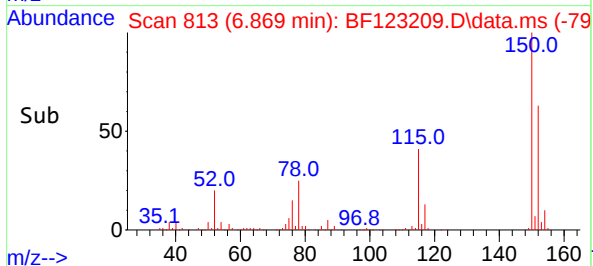




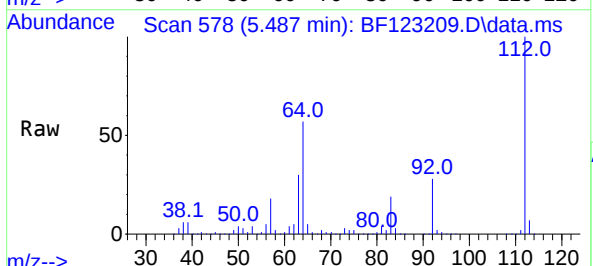
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



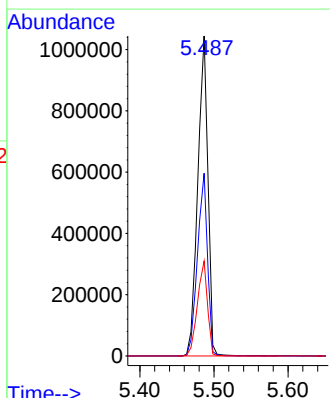
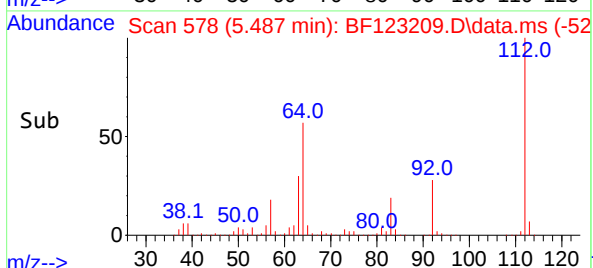
Tgt Ion:152 Resp: 146048
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 64.3 49.3 73.9



#5
2-Fluorophenol
Concen: 102.93 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



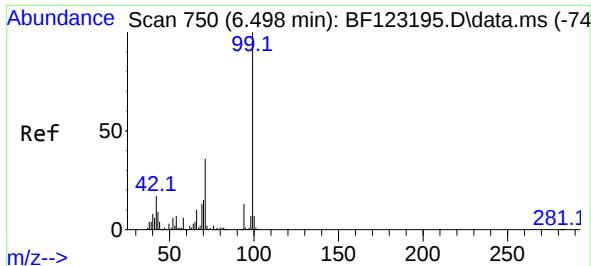
Tgt Ion:112 Resp: 991757
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 29.7 24.5 36.7



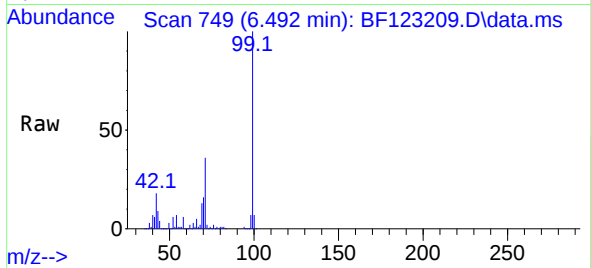
Instrument :
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ClientSampleId :
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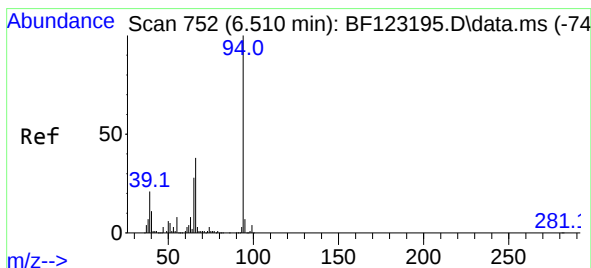
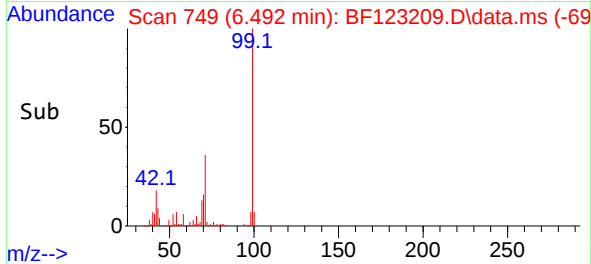
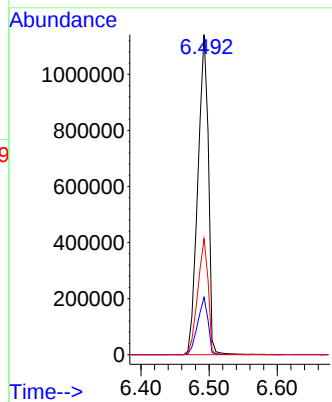


#7
Phenol-d6
Concen: 96.08 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

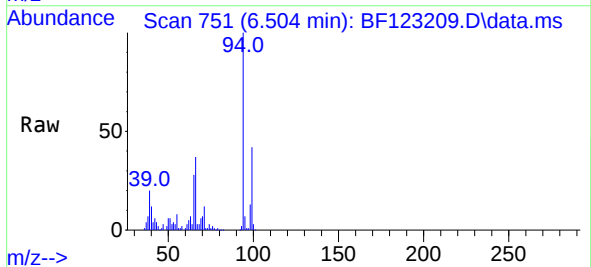


Tgt Ion: 99 Resp: 1222564

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	36.2	26.9	40.3

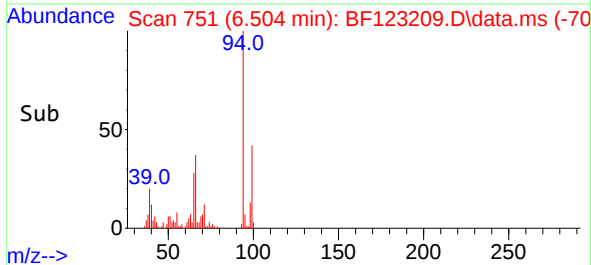
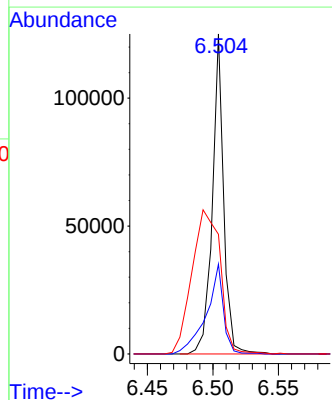


#10
Phenol
Concen: 5.39 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



Tgt Ion: 94 Resp: 75356

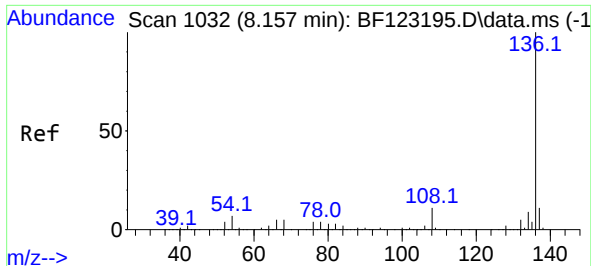
Ion	Ratio	Lower	Upper
94	100		
65	28.1	11.2	51.2
66	37.4	25.8	65.8



Instrument :
BNA_F
ClientSampleId :
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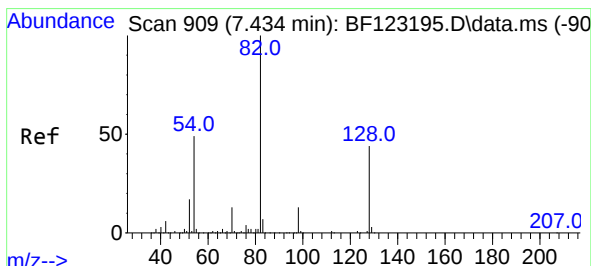
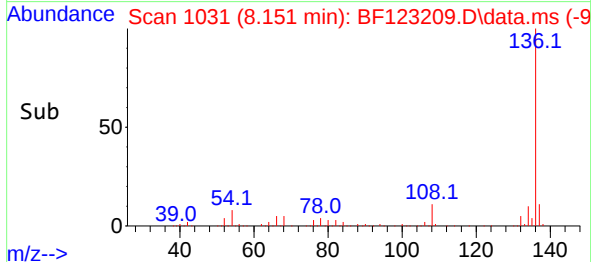
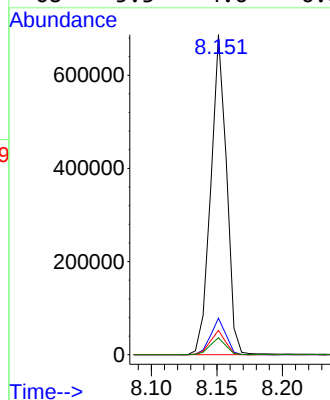
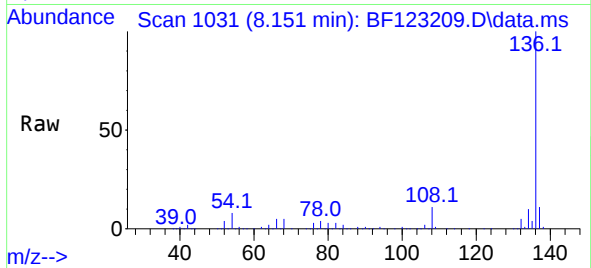
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:	136	Resp:	576116
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.6	5.5	8.3
68	5.3	4.6	6.8

Instrument :
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ClientSampled :
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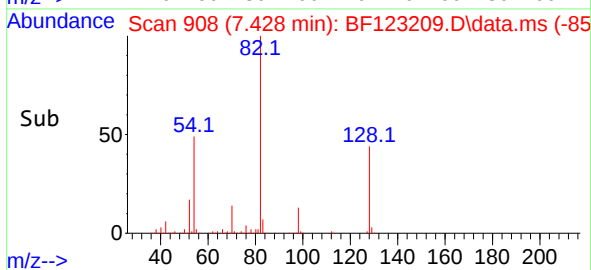
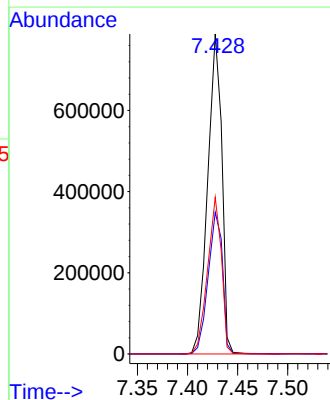
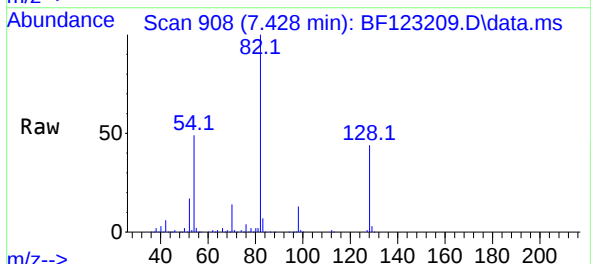
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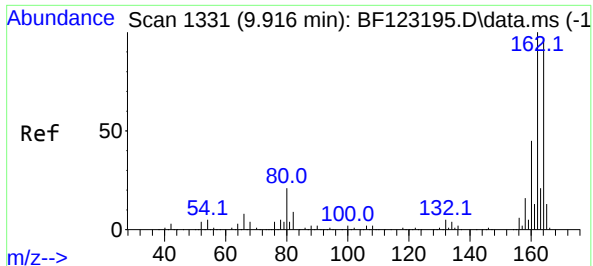
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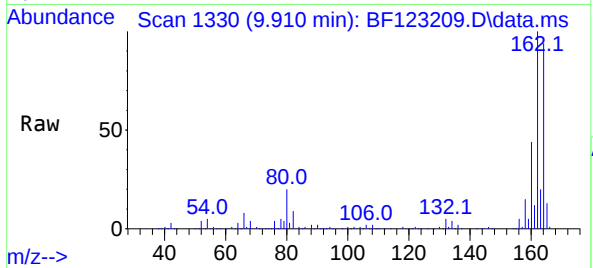
#23
Nitrobenzene-d5
Concen: 70.82 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:	82	Resp:	776471
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.4
54	48.9	38.4	57.6

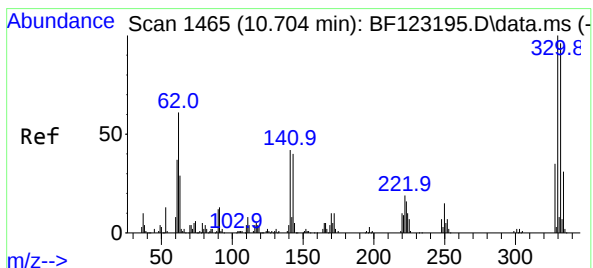
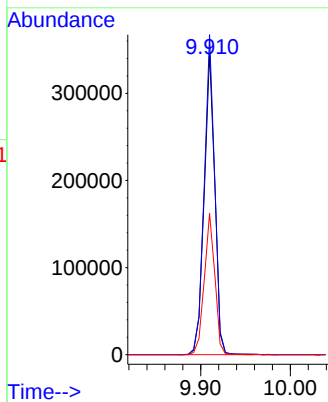
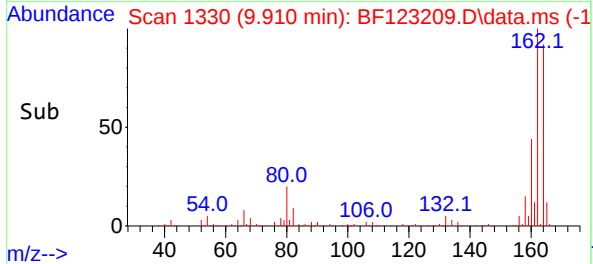




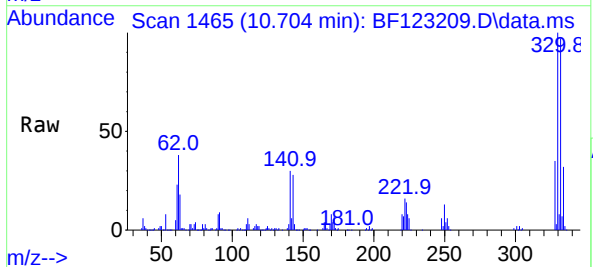
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



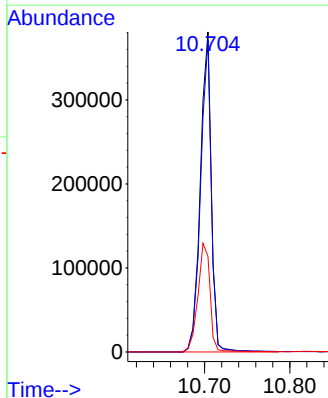
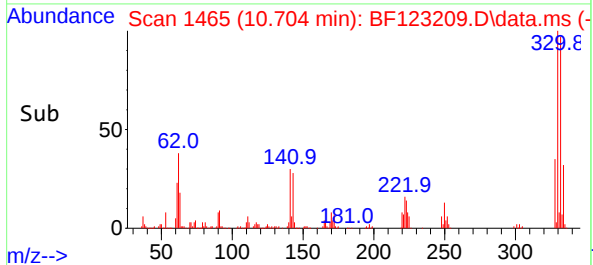
Tgt Ion:164 Resp: 284735
Ion Ratio Lower Upper
164 100
162 106.0 80.8 121.2
160 46.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.74 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



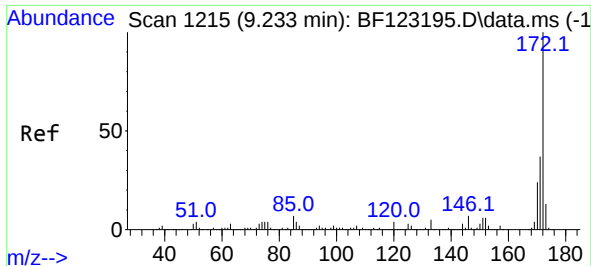
Tgt Ion:330 Resp: 340522
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 37.8 23.8 35.8#



Instrument :
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#45
2-Fluorobiphenyl
Concen: 71.01 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

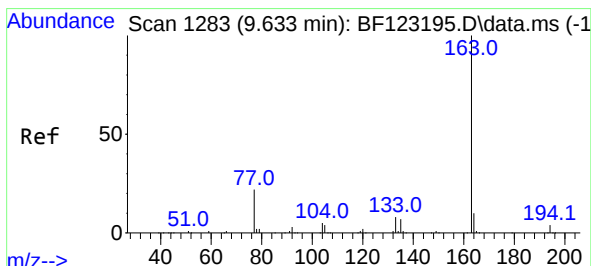
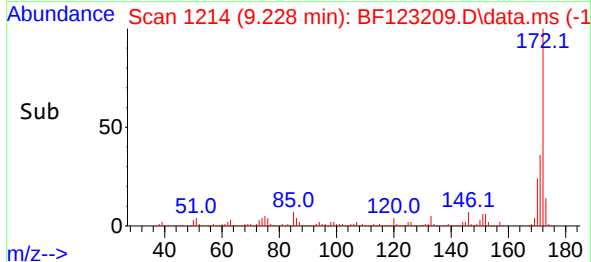
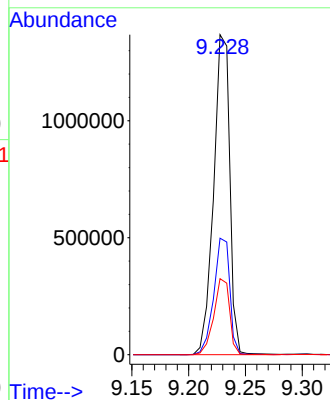
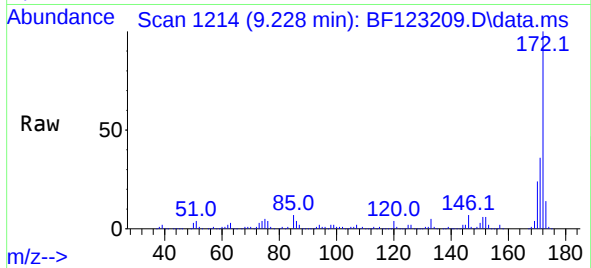
Tgt Ion:172 Resp: 1352949

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.5	29.3

Instrument :
BNA_F
ClientSampled :
RO-N9994

Manual Integrations
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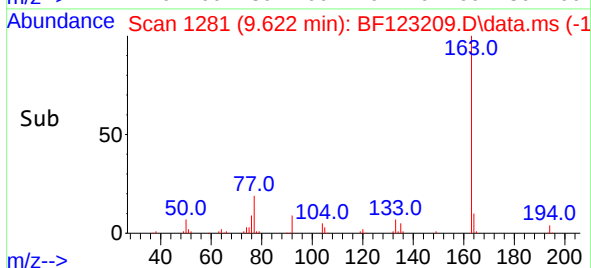
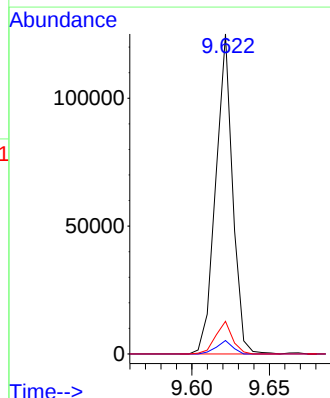
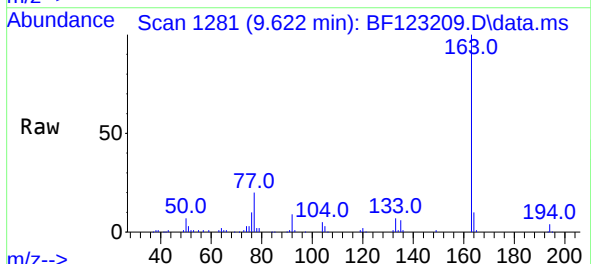
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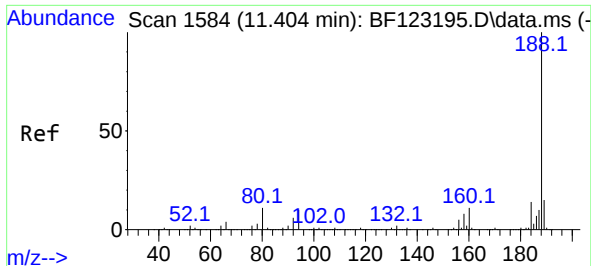


#50
Dimethylphthalate
Concen: 4.60 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:163 Resp: 94890

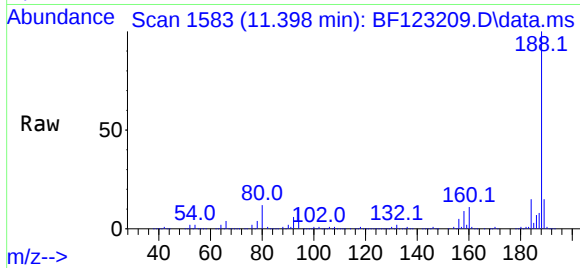
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

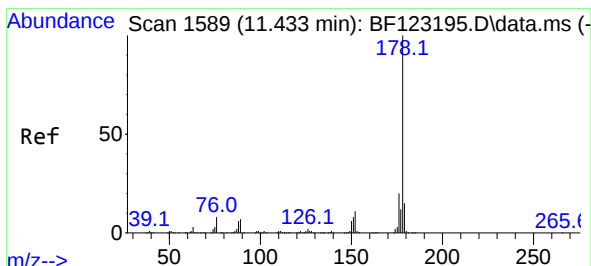
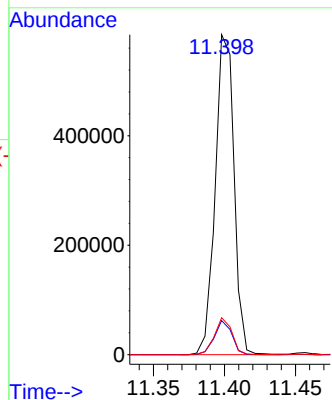
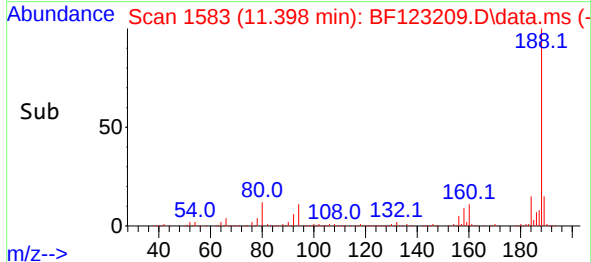
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RO-N9994



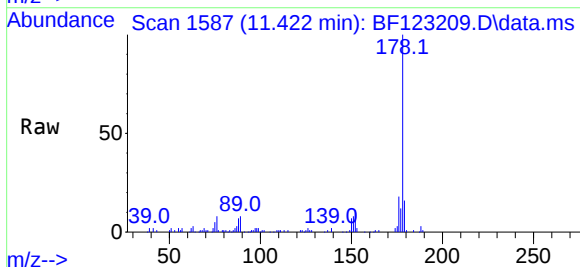
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Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.6 8.2 12.4

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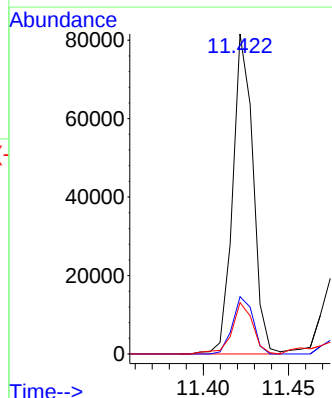
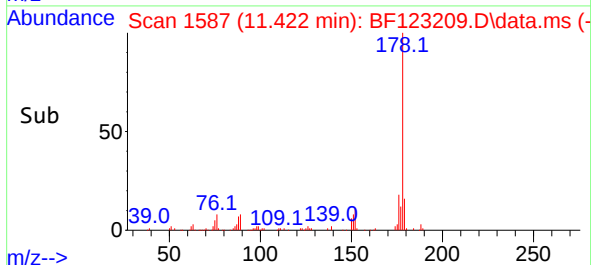
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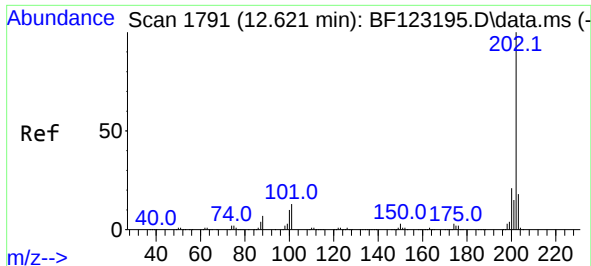


#71
Phenanthrene
Concen: 2.13 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28



Tgt Ion:178 Resp: 67652
Ion Ratio Lower Upper
178 100
176 17.9 16.2 24.2
179 16.0 12.7 19.1





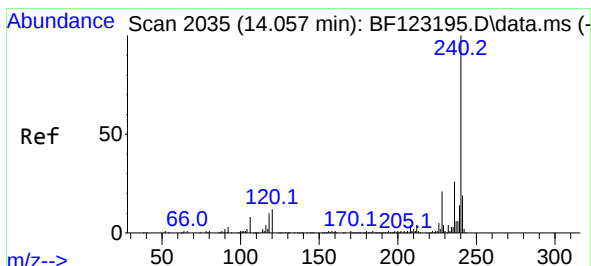
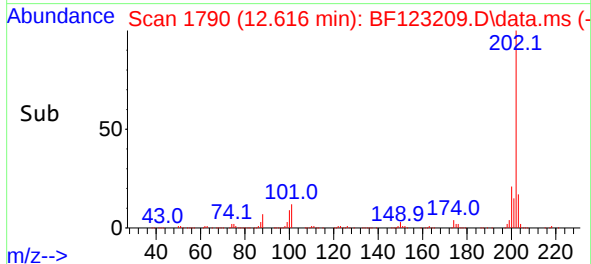
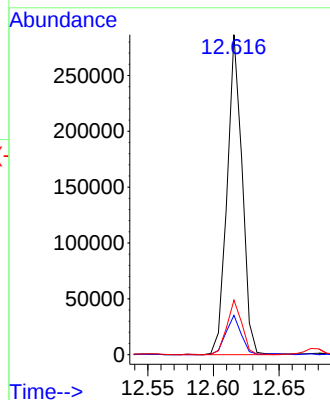
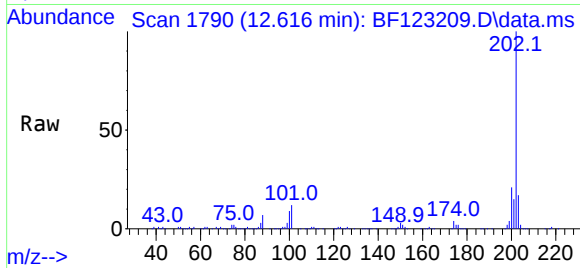
#75
Fluoranthene
Concen: 7.14 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:	202	Resp:	227599
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.2
203	17.1	0.0	38.1

Instrument :
BNA_F
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RO-N9994

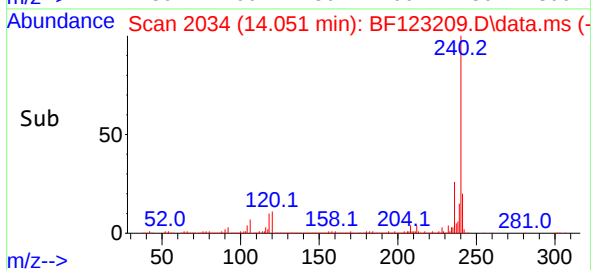
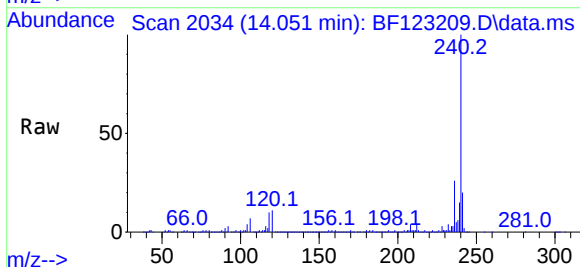
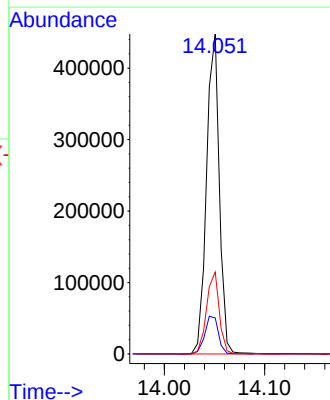
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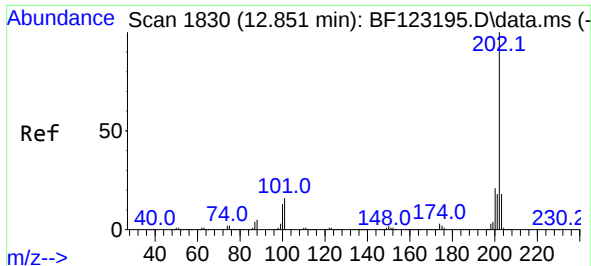
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:	240	Resp:	398385
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.6	12.8
236	25.6	20.3	30.5





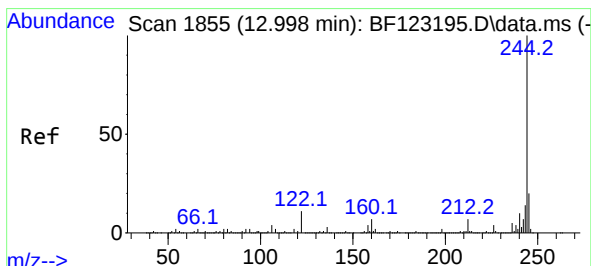
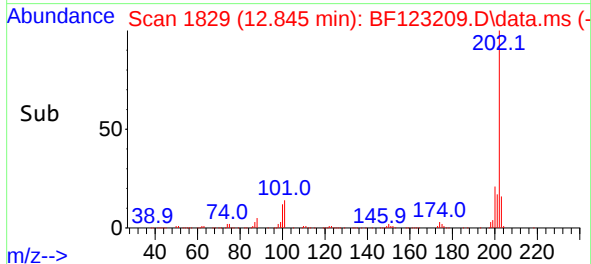
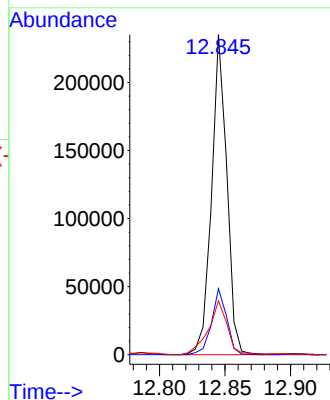
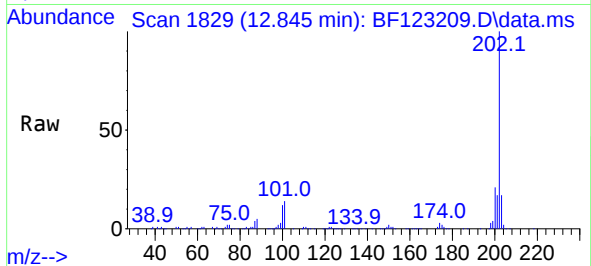
#78
Pyrene
Concen: 6.48 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:202	Resp: 190913
Ion Ratio	Lower Upper
202 100	
200 20.6	17.6 26.4
203 16.8	14.6 21.8

Instrument :
BNA_F
ClientSampled :
RO-N9994

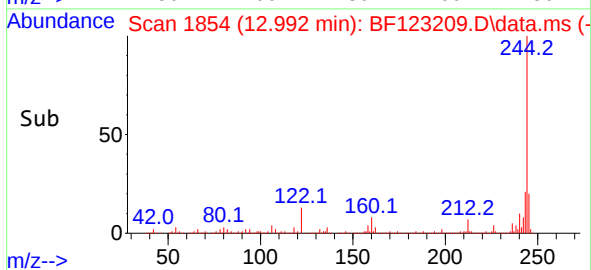
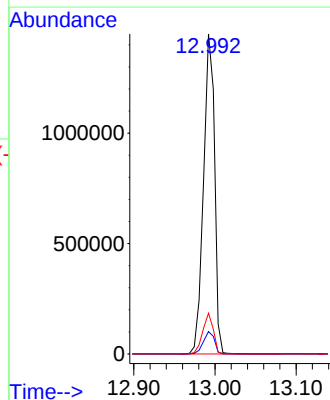
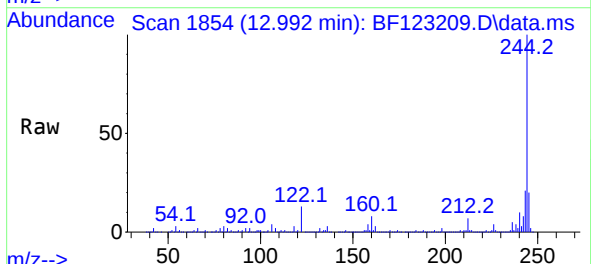
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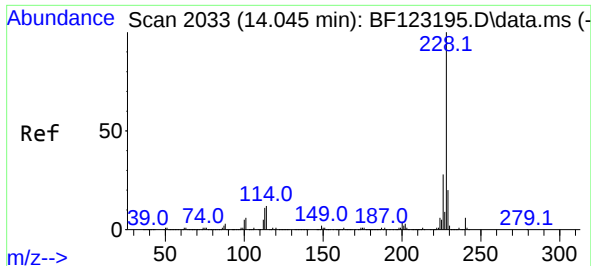
mohammad
2/16/2021 10:44:49 AM



#79
Terphenyl-d14
Concen: 68.97 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt	Ion:244	Resp:	1371051
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.8	8.3	12.5#





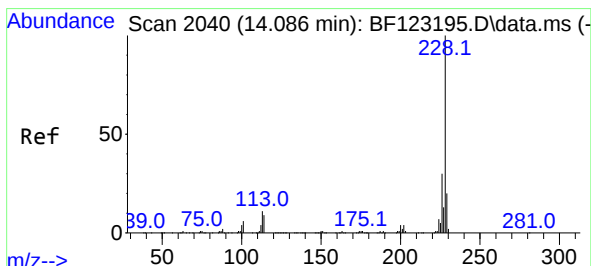
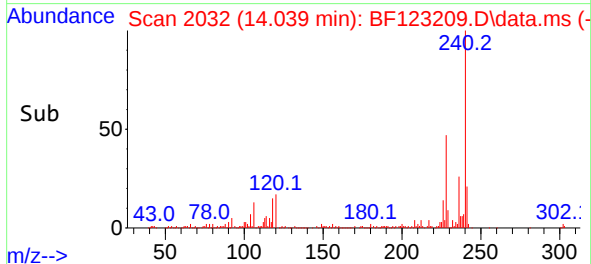
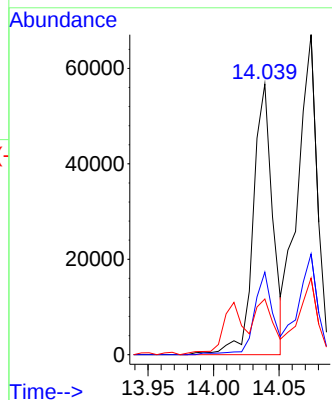
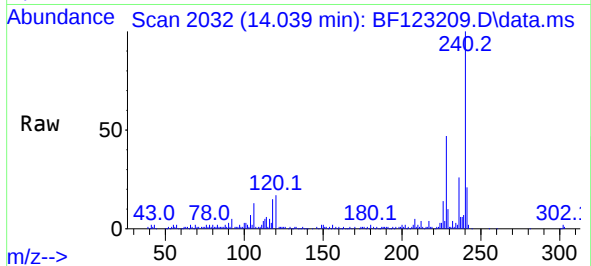
#81
Benzo(a)anthracene
Concen: 2.18 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:228 Resp: 58398
Ion Ratio Lower Upper
228 100
226 30.5 23.0 34.4
229 20.6 16.6 24.8

Instrument :
BNA_F
ClientSampled :
RO-N9994

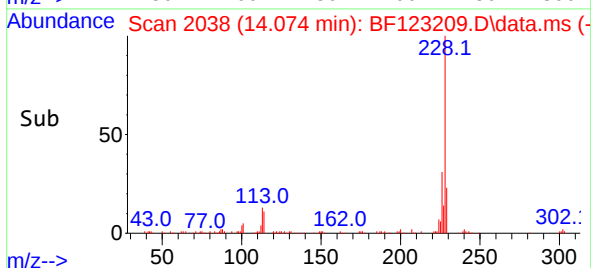
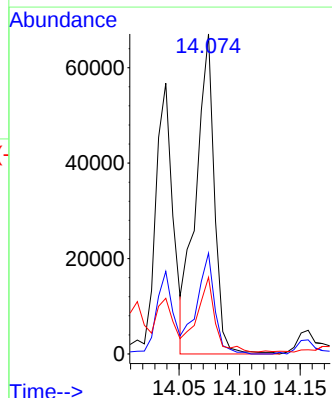
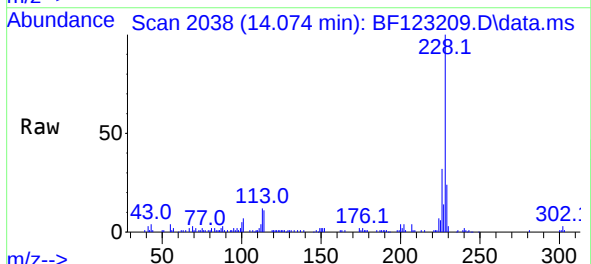
Manual Integrations
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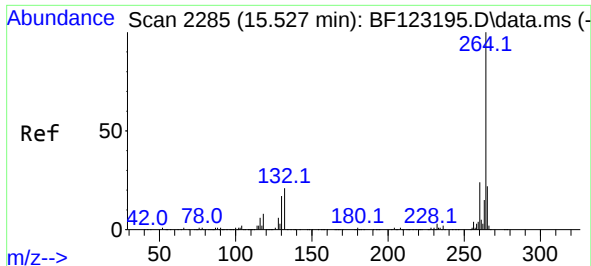
mohammad
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#83
Chrysene
Concen: 2.70 ng m
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:228 Resp: 71373
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 23.9 15.8 23.6#





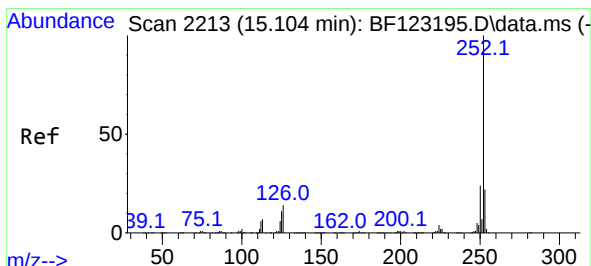
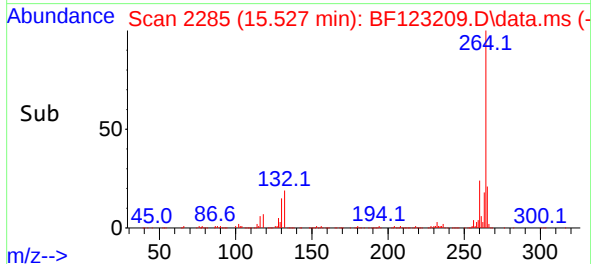
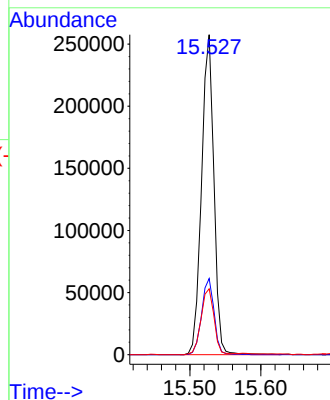
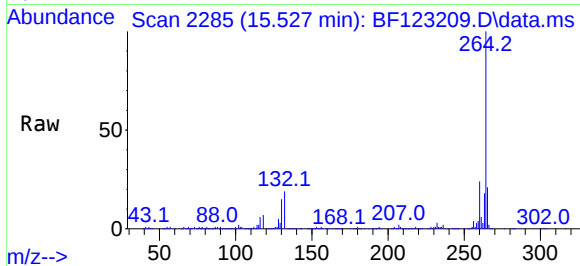
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:264 Resp: 312259
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 20.6 17.0 25.6

Instrument :
BNA_F
ClientSampled :
RO-N9994

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 2.58 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:252 Resp: 56558
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 13.1 8.1 12.1#

