

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124104.D
 Acq On : 27 May 2021 21:37
 Operator : JU/CG
 Sample : M2546-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-LOAMY-TOP

Manual Integrations
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Quant Time: May 28 03:07:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	42377	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	154079	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	79411	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	119130	20.00	ng	0.00
76) Chrysene-d12	14.045	240	98938	20.00	ng	0.00
86) Perylene-d12	15.533	264	104497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	226667	75.10	ng	0.00
7) Phenol-d6	6.504	99	287013	73.30	ng	0.00
23) Nitrobenzene-d5	7.439	82	222991	62.36	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	77603	81.36	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	392974	60.90	ng	0.00
79) Terphenyl-d14	12.986	244	314825	48.19	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	30178	4.00	ng	# 90
75) Fluoranthene	12.616	202	53733	6.87	ng	99
78) Pyrene	12.845	202	44578	5.08	ng	96
81) Benzo(a)anthracene	14.033	228	29045	4.06	ng	96
83) Chrysene	14.068	228	26466	3.85	ng	95
88) Benzo(b)fluoranthene	15.092	252	41799m	5.17	ng	
90) Benzo(a)pyrene	15.468	252	25505	3.65	ng	# 92

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

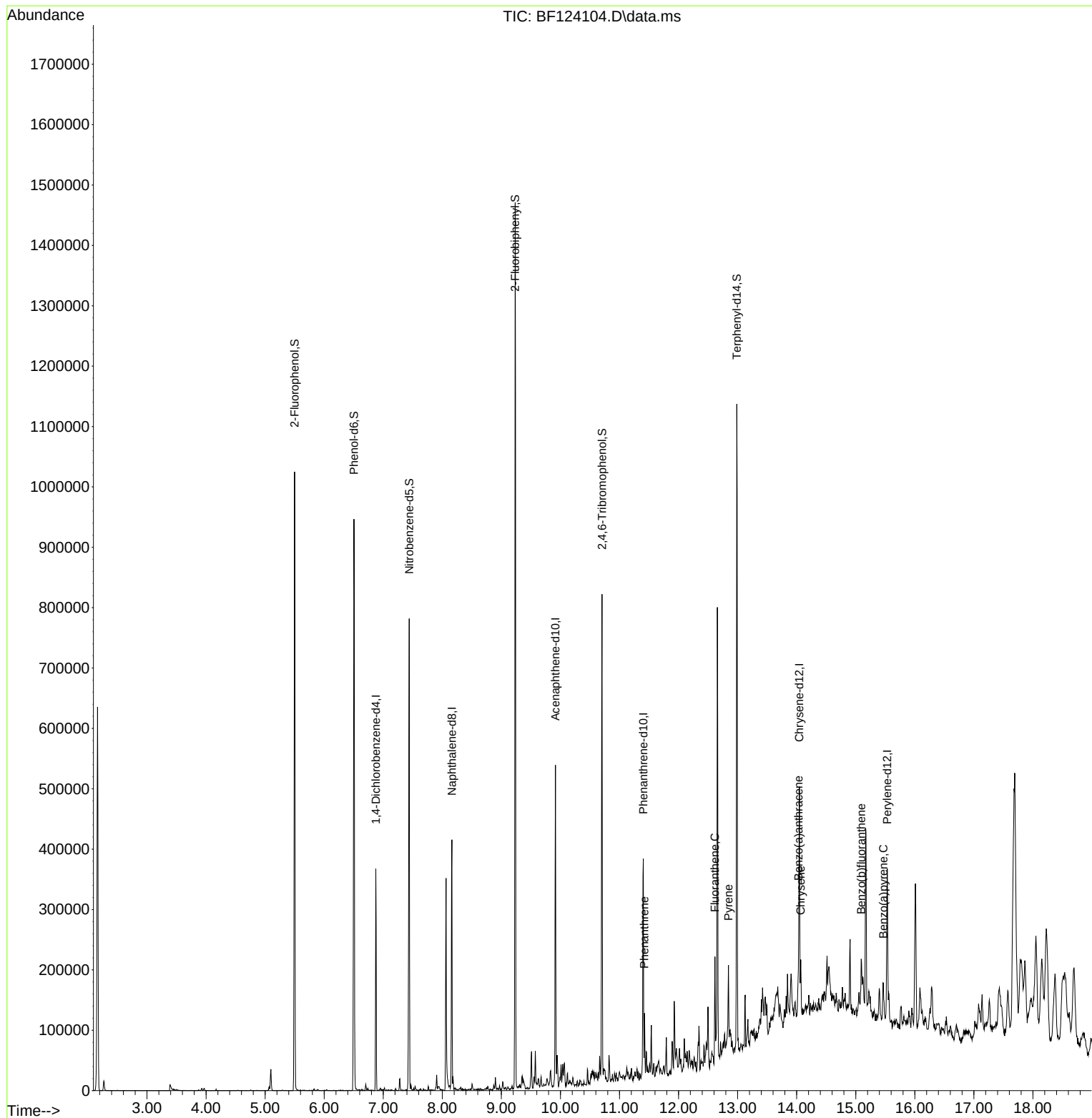
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Data File : BF124104.D
Acq On : 27 May 2021 21:37
Operator : JU/CG
Sample : M2546-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

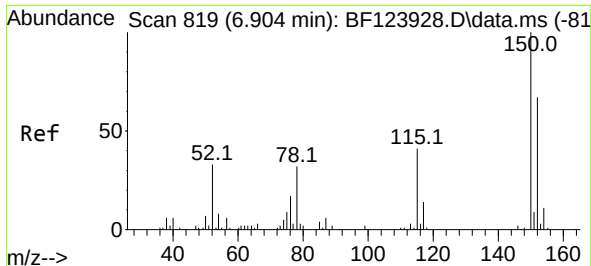
Instrument :
BNA_F
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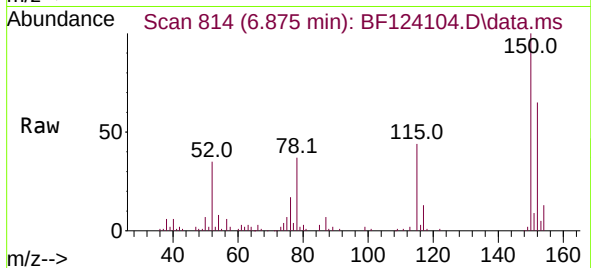
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Quant Time: May 28 03:07:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

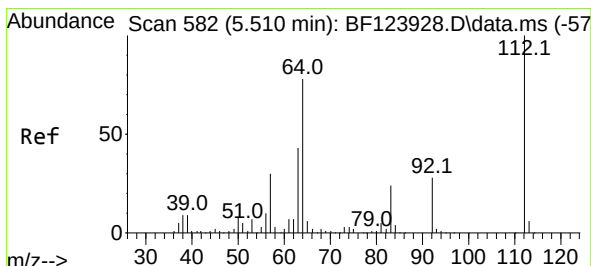
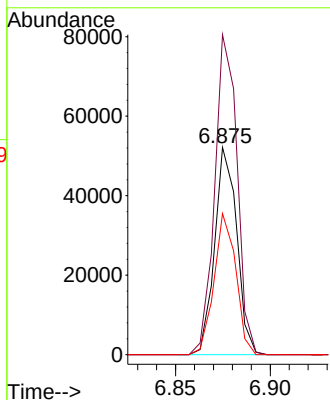
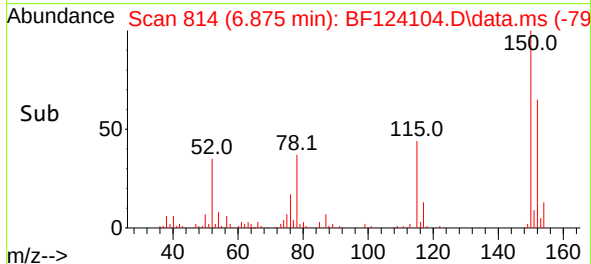




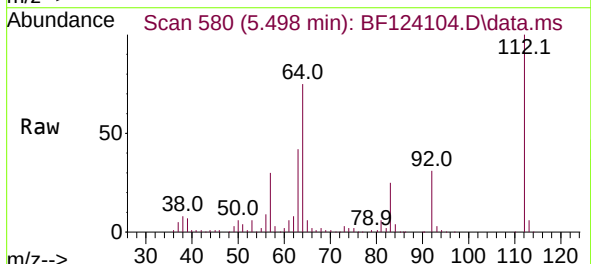
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



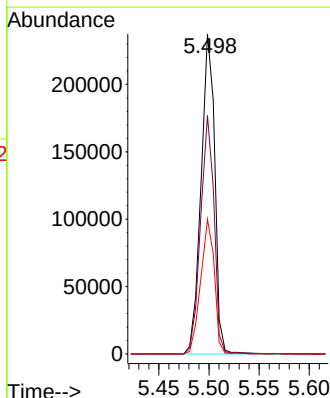
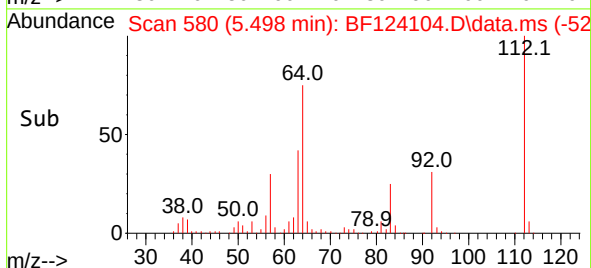
Tgt Ion:152 Resp: 42377
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 75.10 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



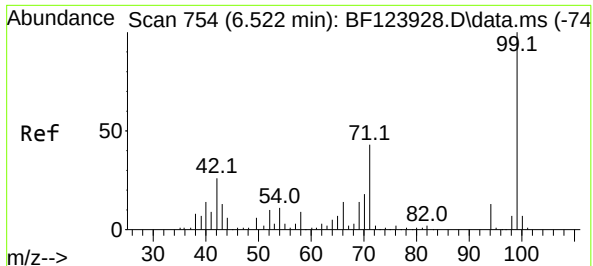
Tgt Ion:112 Resp: 226667
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 42.1 33.0 49.4



Instrument :
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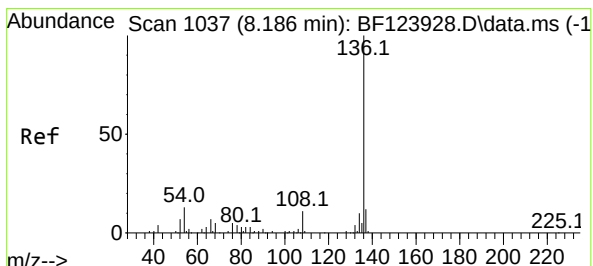
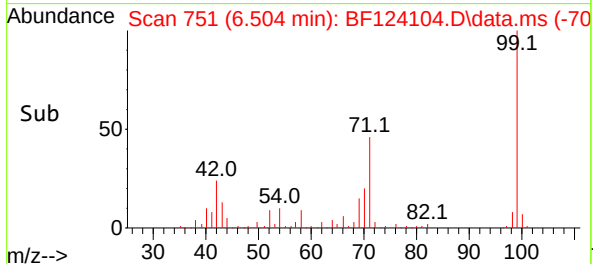
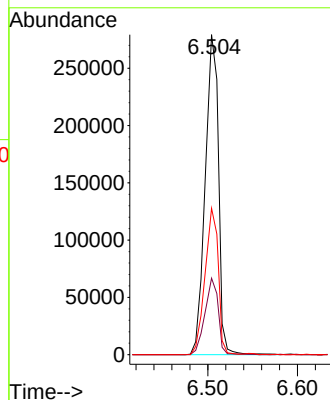
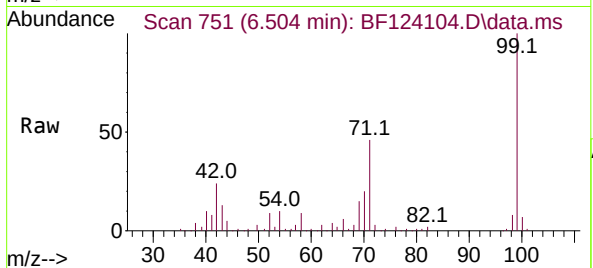
#7
Phenol-d6
Concen: 73.30 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion: 99 Resp: 287013
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.8
71 45.7 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

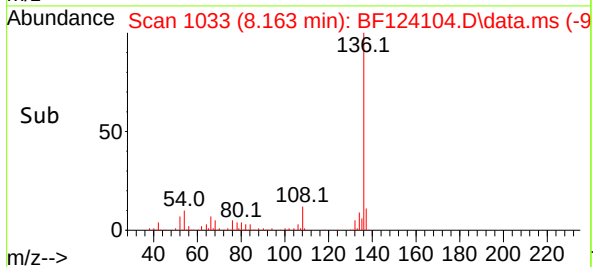
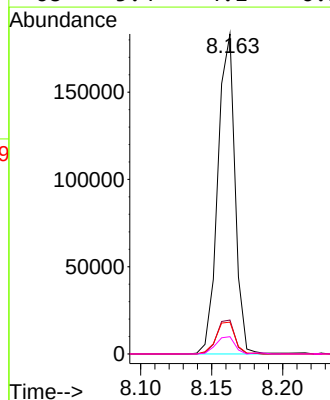
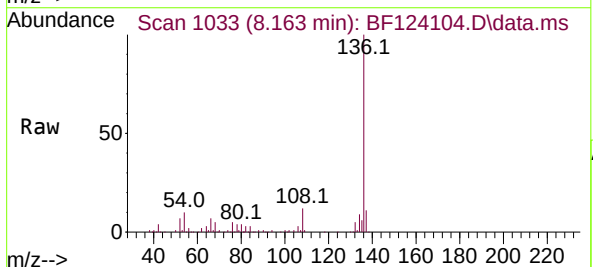
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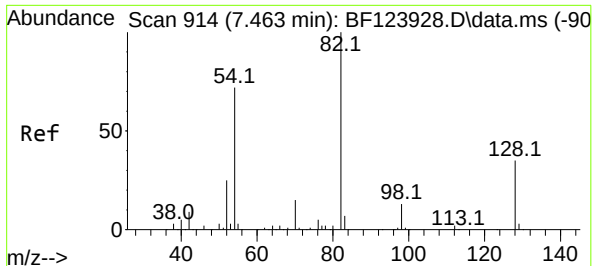
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion: 136 Resp: 154079
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.0 9.8 14.6
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 62.36 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF124104.D

Acq: 27 May 2021 21:37

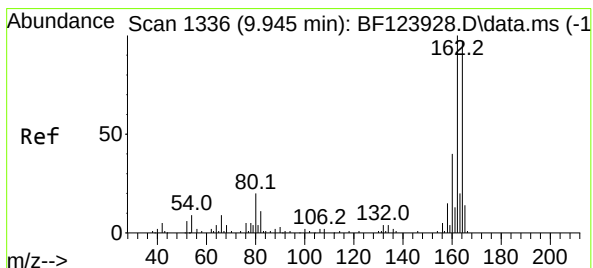
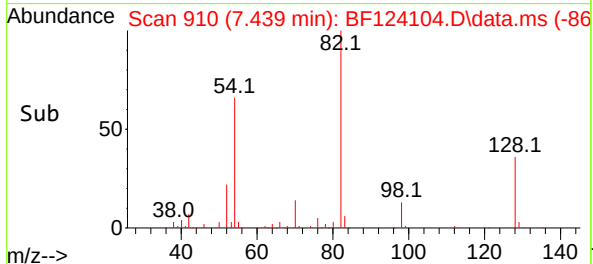
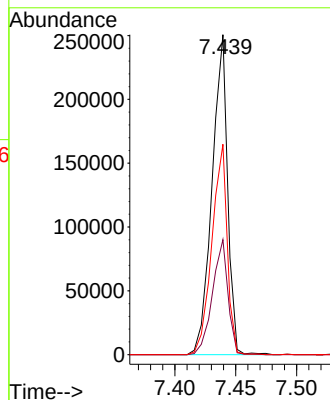
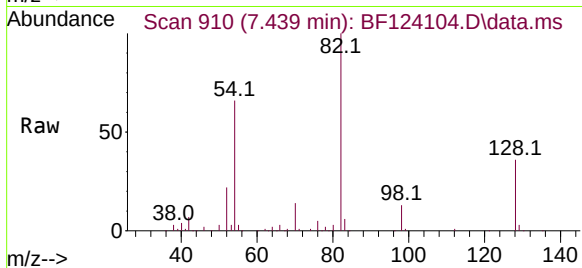
Tgt Ion: 82 Resp: 222991

Ion Ratio Lower Upper

82 100

128 35.9 29.4 44.2

54 65.7 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF124104.D

Acq: 27 May 2021 21:37

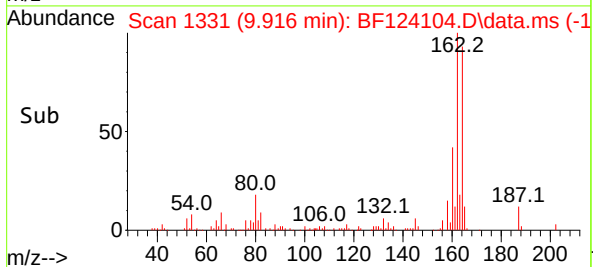
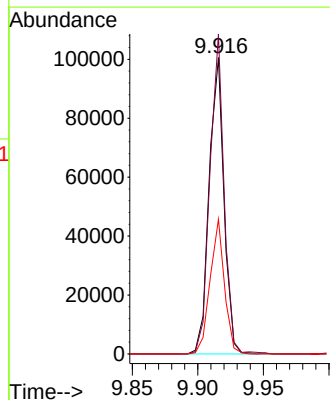
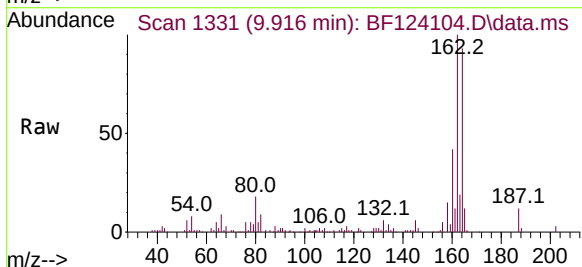
Tgt Ion:164 Resp: 79411

Ion Ratio Lower Upper

164 100

162 108.0 80.7 121.1

160 45.5 37.3 55.9



Instrument :

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ClientSampleId :

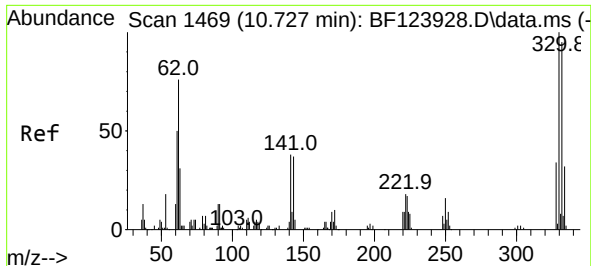
COMPOSITE-SAMPLE-LOAMY-TOP

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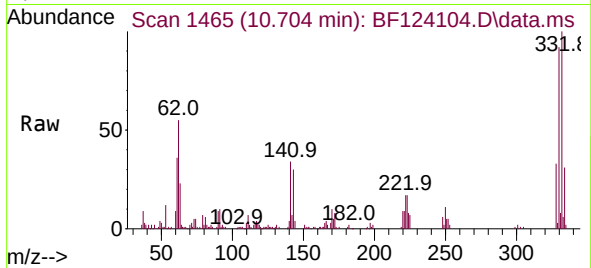
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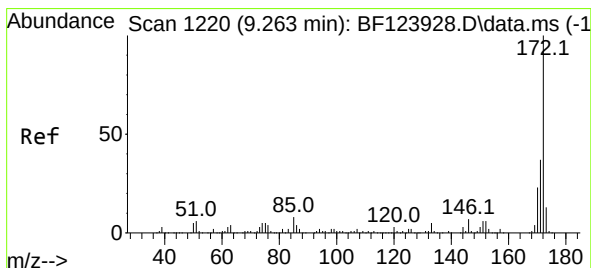
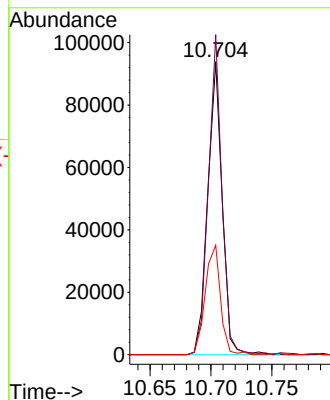
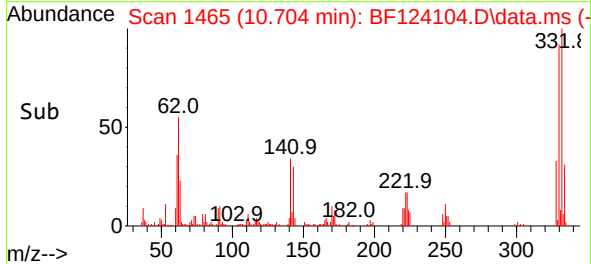
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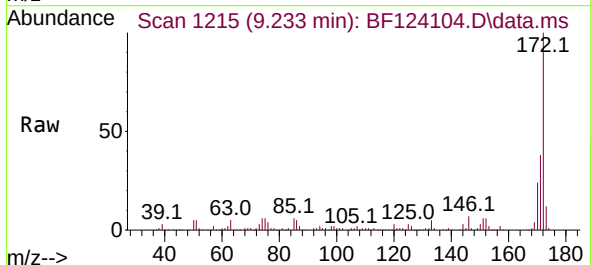
#42
2,4,6-Tribromophenol
Concen: 81.36 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



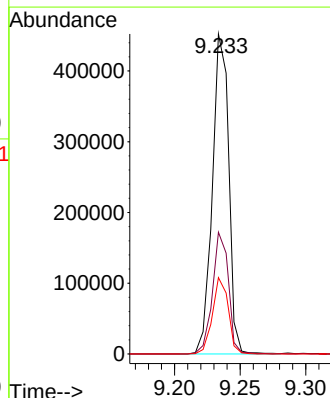
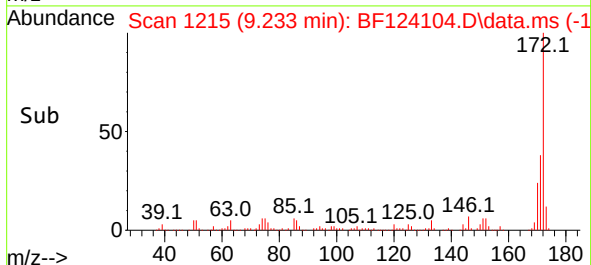
Tgt Ion: 330 Resp: 77603
Ion Ratio Lower Upper
330 100
332 101.8 77.1 115.7
141 39.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.90 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



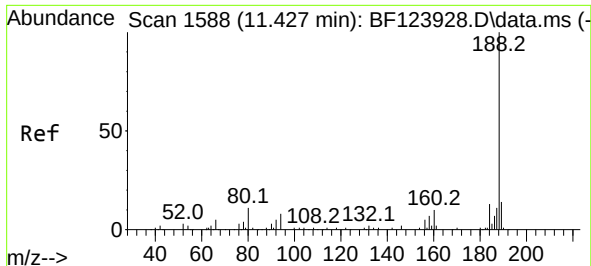
Tgt Ion: 172 Resp: 392974
Ion Ratio Lower Upper
172 100
171 38.0 28.1 42.1
170 23.8 19.2 28.8



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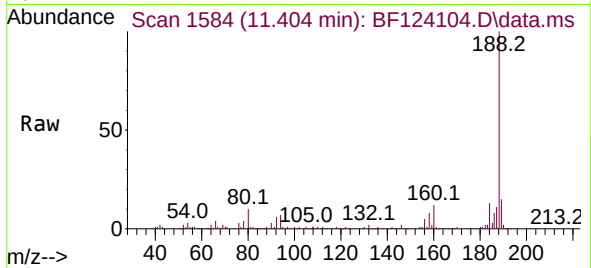
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

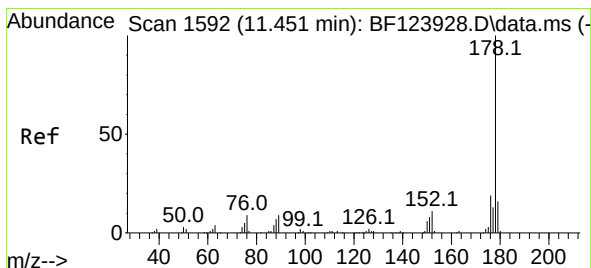
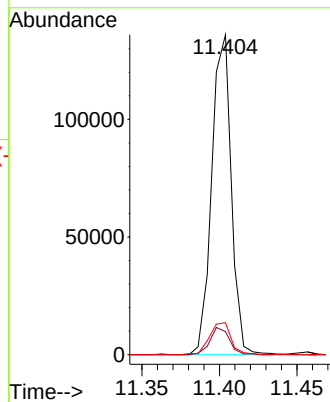
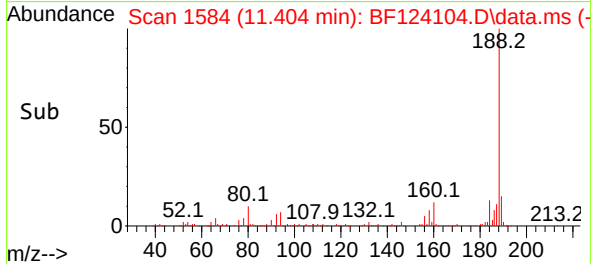
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COMPOSITE-SAMPLE-LOAMY-TOP



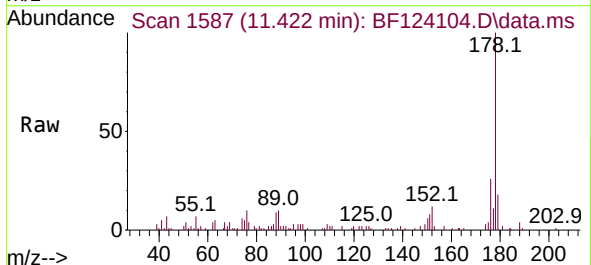
Tgt Ion:188 Resp: 119130
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 10.0 8.2 12.2

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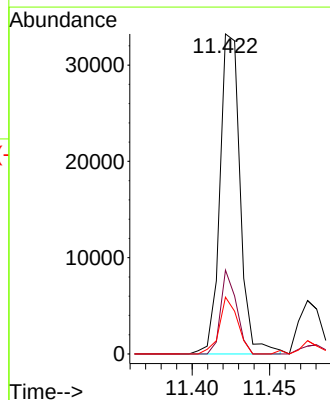
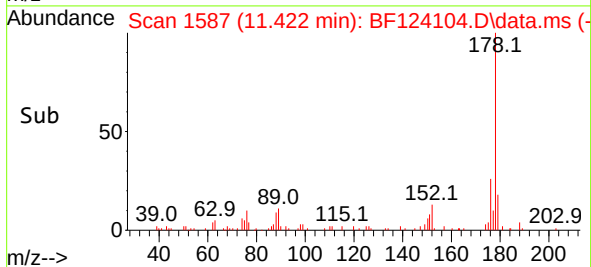
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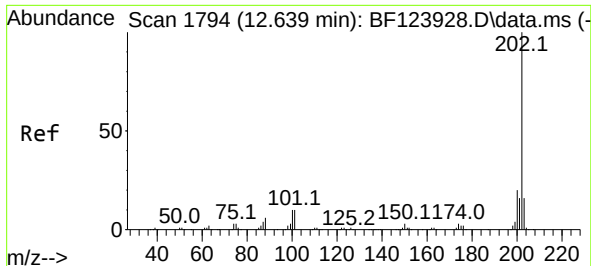


#71
Phenanthrene
Concen: 4.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

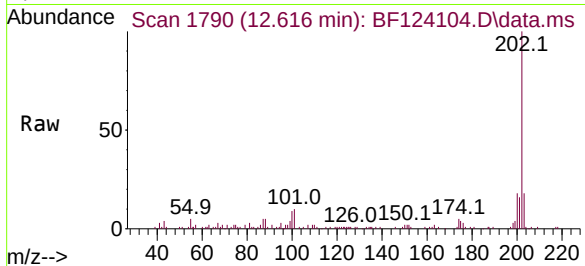


Tgt Ion:178 Resp: 30178
Ion Ratio Lower Upper
178 100
176 26.2 15.6 23.4#
179 17.7 12.5 18.7

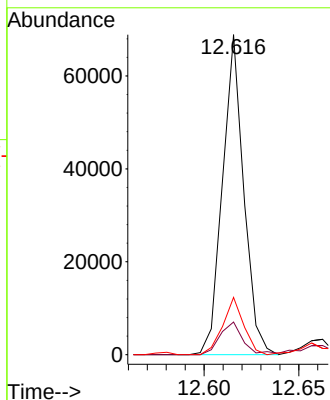
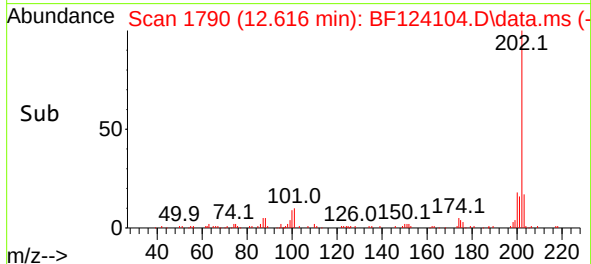




#75
Fluoranthene
Concen: 6.87 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



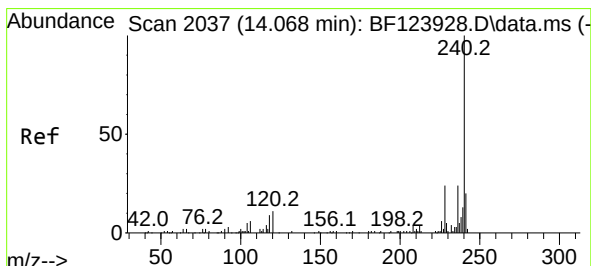
Tgt Ion:202 Resp: 53733
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 17.9 0.0 37.5



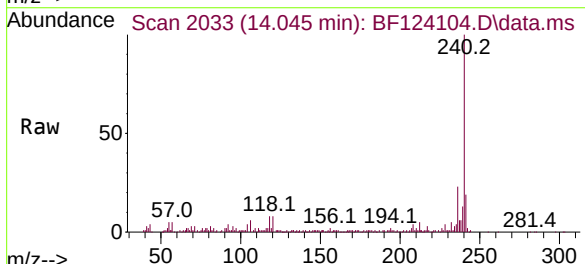
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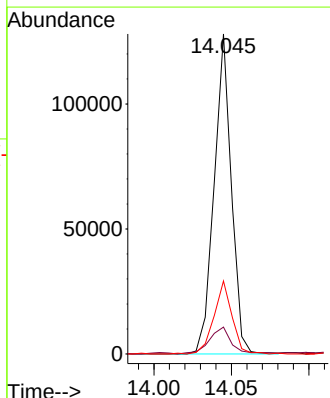
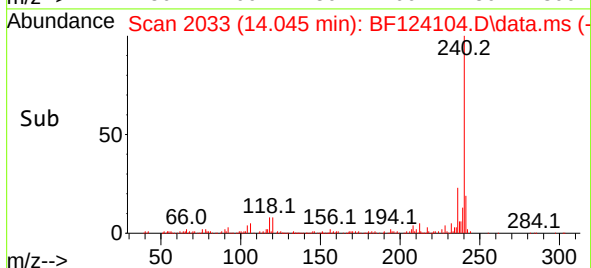
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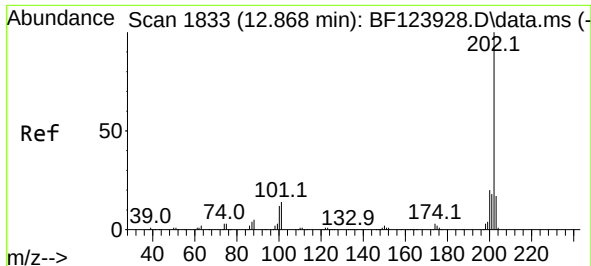


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



Tgt Ion:240 Resp: 98938
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 22.8 19.0 28.4





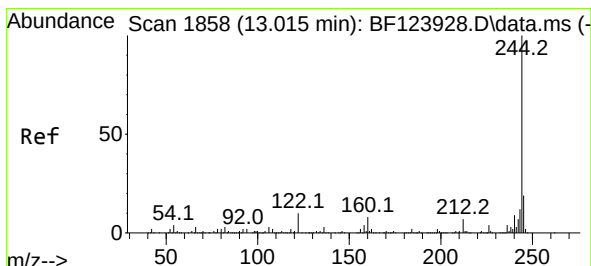
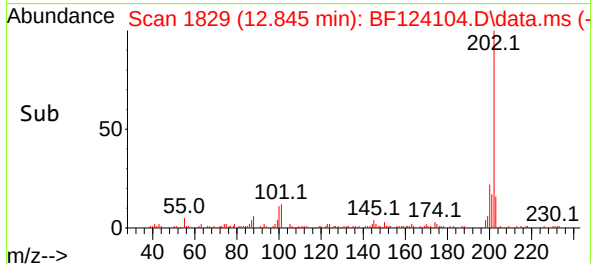
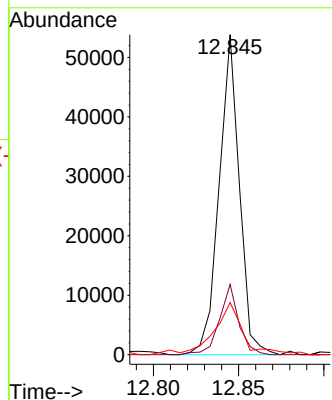
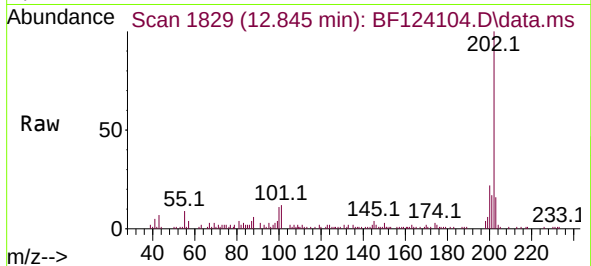
#78
Pyrene
Concen: 5.08 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:202	Resp:	44578
Ion Ratio	Lower	Upper
202	100	
200	21.9	16.1 24.1
203	16.3	14.8 22.2

Instrument :
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ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

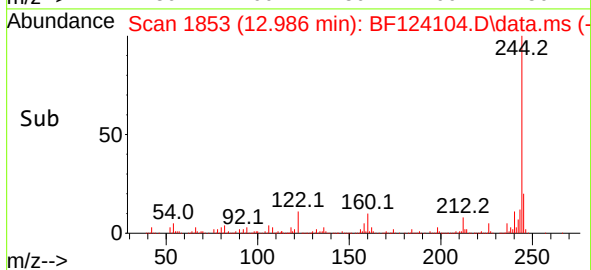
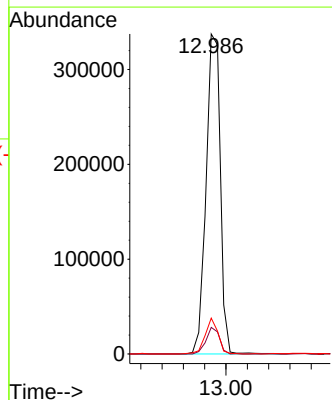
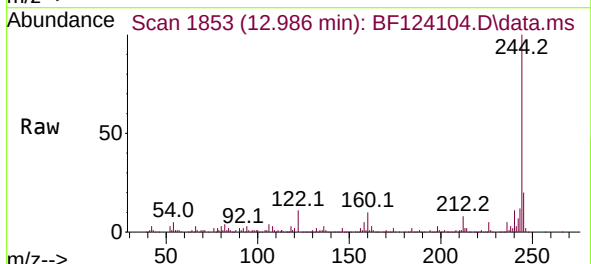
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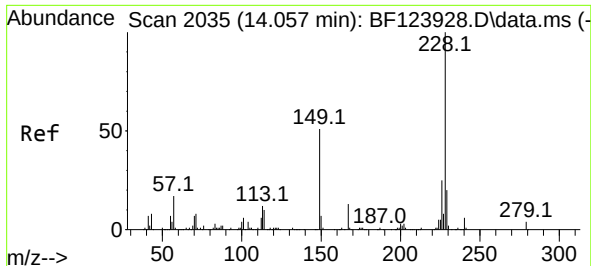
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#79
Terphenyl-d14
Concen: 48.19 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:244	Resp:	314825
Ion Ratio	Lower	Upper
244	100	
212	8.3	5.7 8.5
122	11.2	9.7 14.5





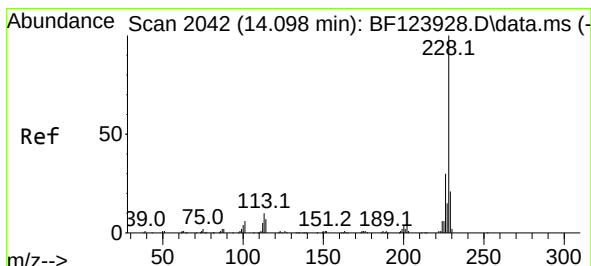
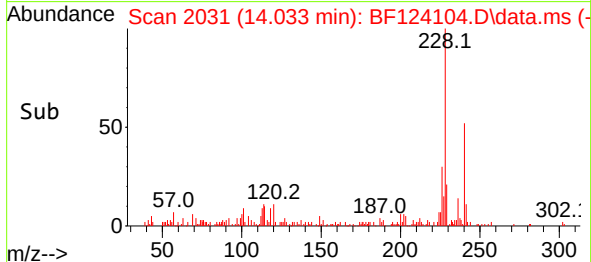
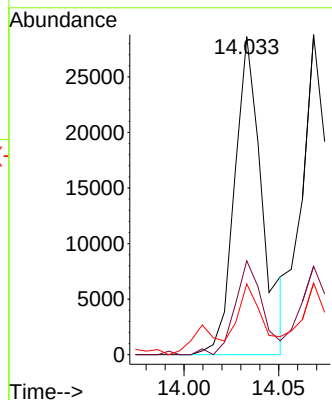
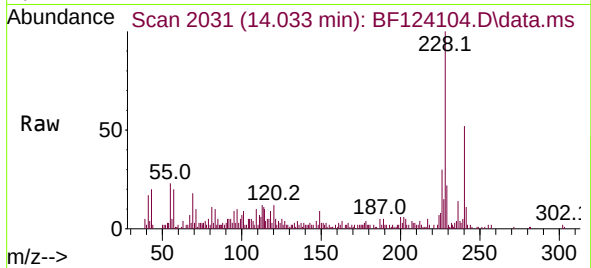
#81
Benzo(a)anthracene
Concen: 4.06 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:	228	Resp:	29045
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.4	33.6
229	22.3	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

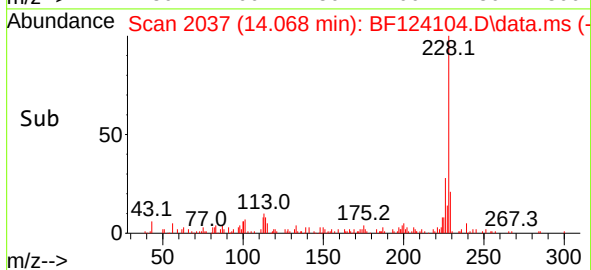
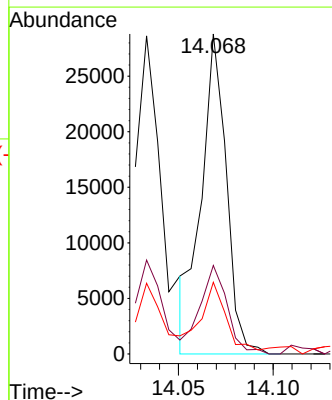
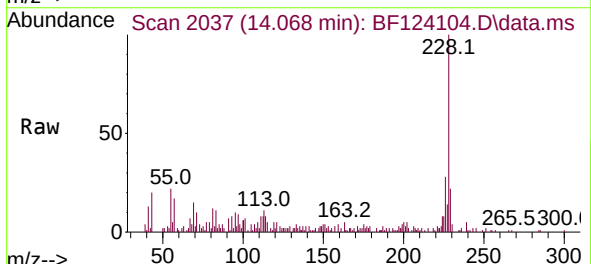
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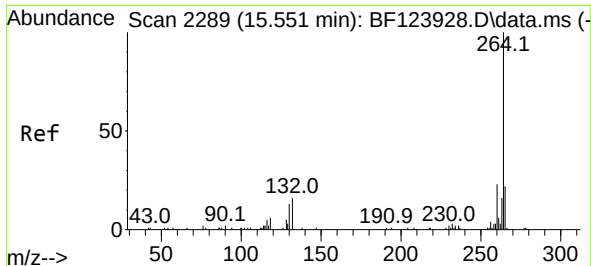
mohammad
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#83
Chrysene
Concen: 3.85 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:	228	Resp:	26466
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.3	36.5
229	22.4	16.2	24.2





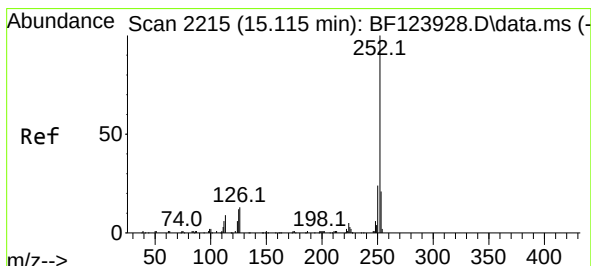
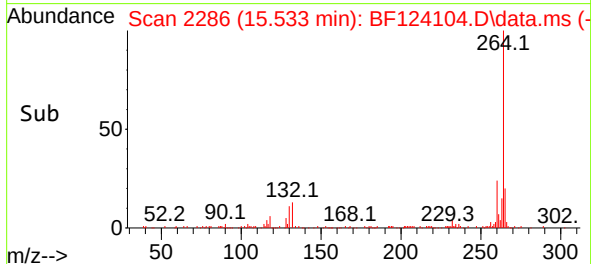
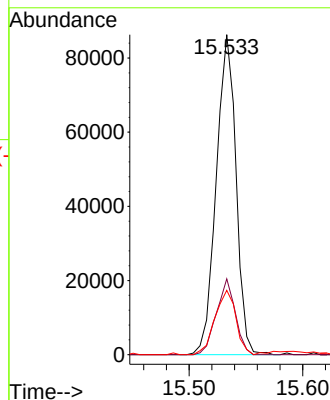
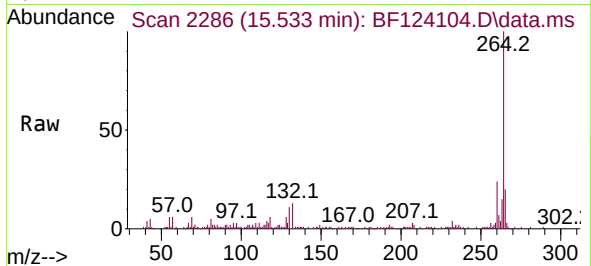
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:264 Resp: 104497
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 20.1 17.8 26.8

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

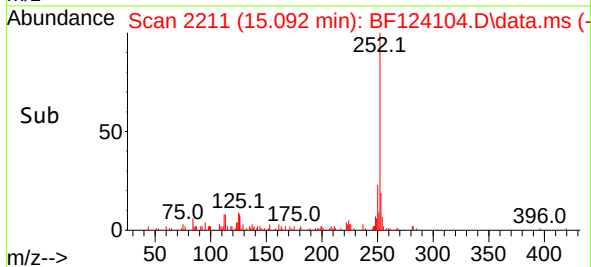
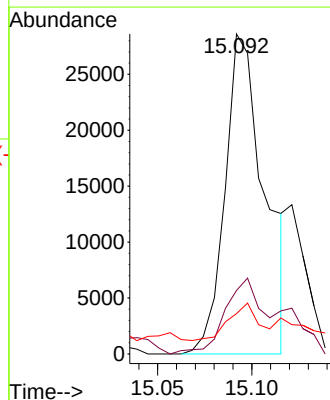
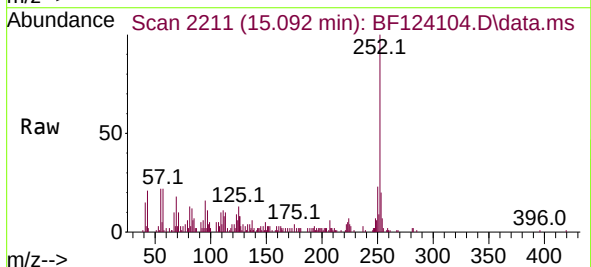
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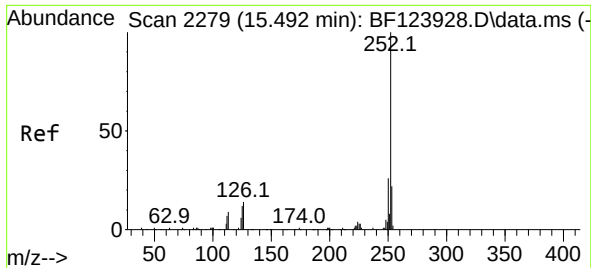
mohammad
5/28/2021 12:36:38 PM



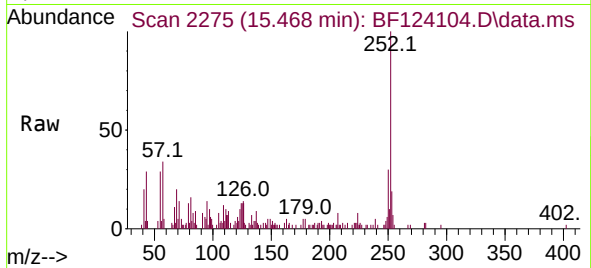
#88
Benzo(b)fluoranthene
Concen: 5.17 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37

Tgt Ion:252 Resp: 41799
Ion Ratio Lower Upper
252 100
253 19.8 18.1 27.1
125 12.6 6.2 9.4#

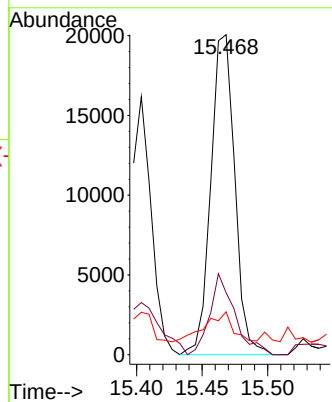
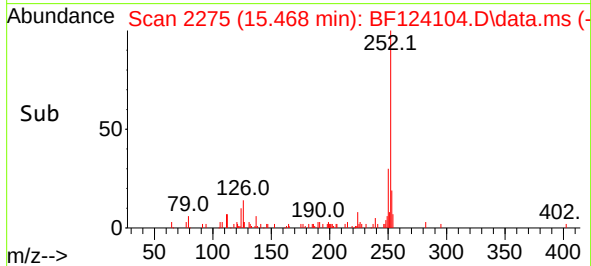




#90
Benzo(a)pyrene
Concen: 3.65 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF124104.D
Acq: 27 May 2021 21:37



Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.3	18.4	27.6
125	13.4	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

Manual Integrations
APPROVED

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