

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124103.D
 Acq On : 27 May 2021 21:05
 Operator : JU/CG
 Sample : M2547-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 28 03:07:02 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	38997	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	141026	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	68924	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	110857	20.000	ng	0.00
76) Chrysene-d12	14.045	240	98471	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	101249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	204379	73.584	ng	0.00
7) Phenol-d6	6.504	99	255719	70.973	ng	0.00
23) Nitrobenzene-d5	7.439	82	205060	62.649	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	72733	87.859	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	342215	61.100	ng	0.00
79) Terphenyl-d14	12.986	244	297326	45.731	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	28492	4.055	ng	98
75) Fluoranthene	12.616	202	45770	6.291	ng	93
78) Pyrene	12.845	202	36796	4.209	ng	98
81) Benzo(a)anthracene	14.033	228	17324	2.433	ng	99
83) Chrysene	14.068	228	16188m	2.363	ng	
88) Benzo(b)fluoranthene	15.092	252	22276m	2.844	ng	
90) Benzo(a)pyrene	15.468	252	13844	2.045	ng	# 84

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

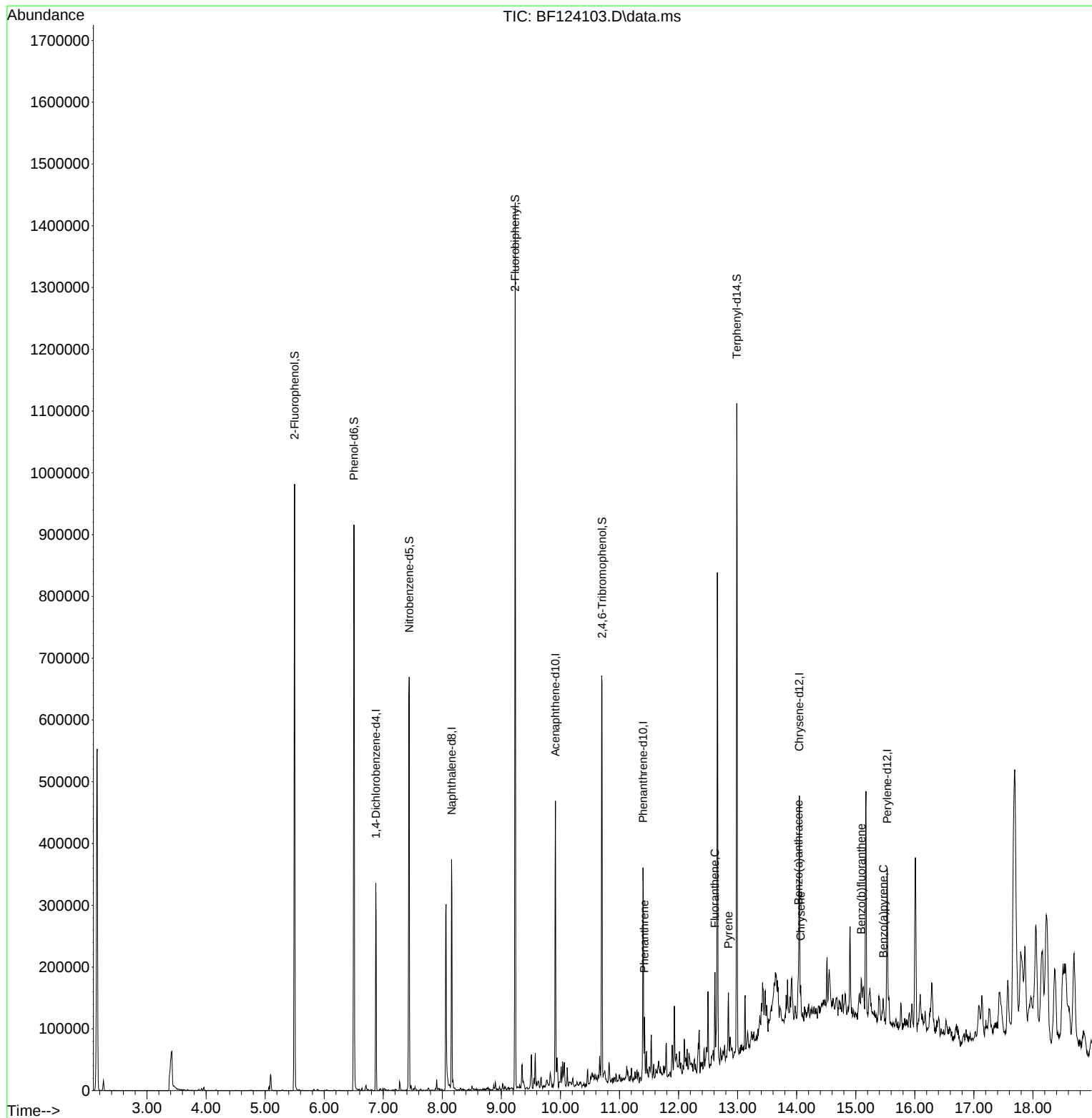
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
Data File : BF124103.D
Acq On : 27 May 2021 21:05
Operator : JU/CG
Sample : M2547-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

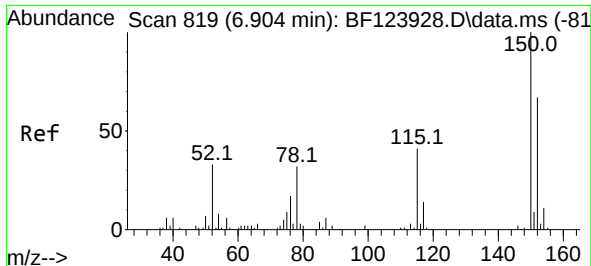
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

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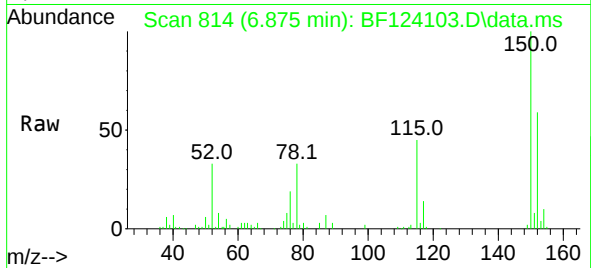
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Quant Time: May 28 03:07:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

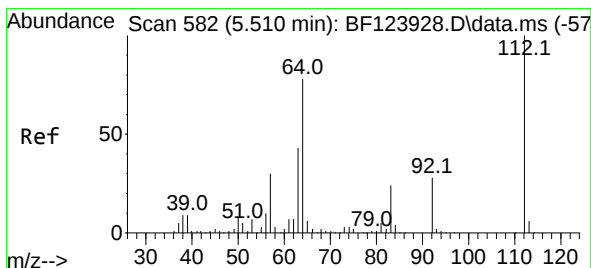
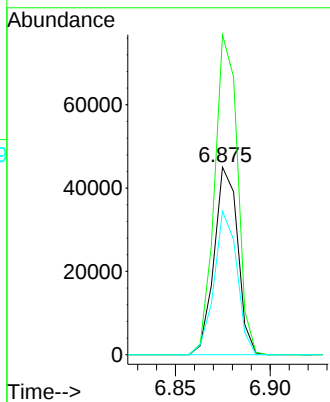
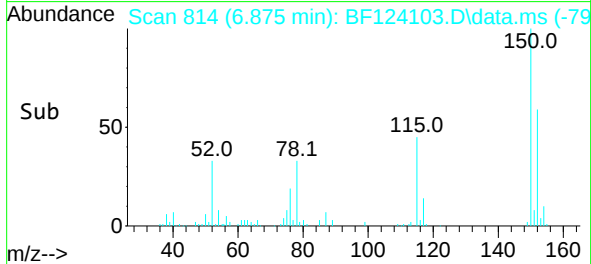




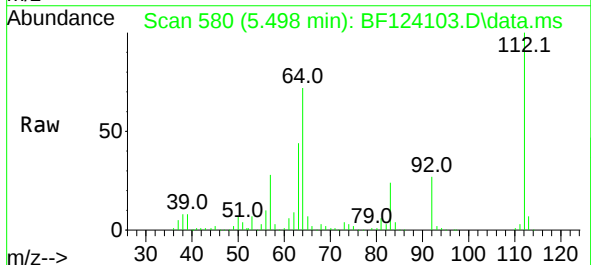
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



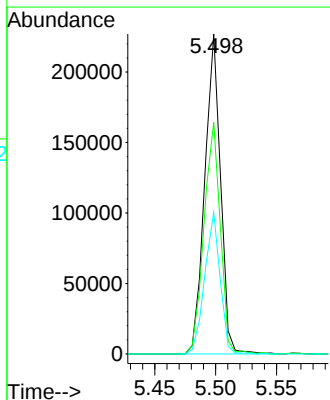
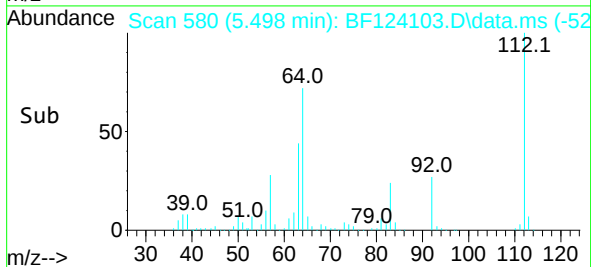
Tgt Ion:152 Resp: 38997
Ion Ratio Lower Upper
152 100
150 170.7 127.0 190.6
115 76.5 54.3 81.5



#5
2-Fluorophenol
Concen: 73.584 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



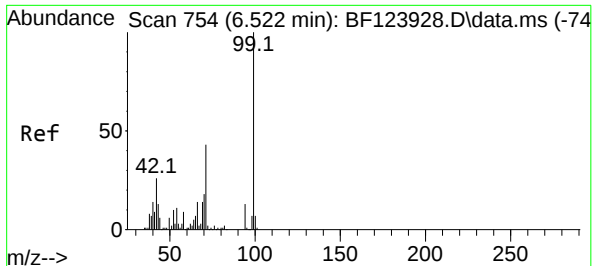
Tgt Ion:112 Resp: 204379
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 44.3 33.0 49.4



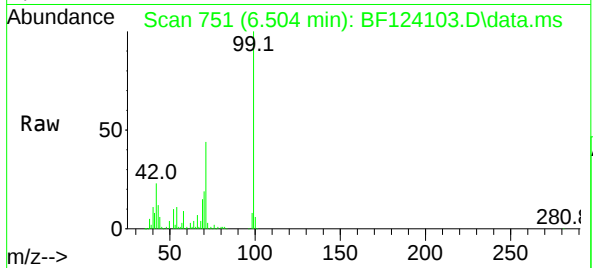
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

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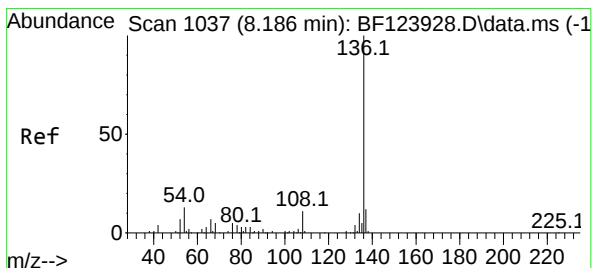
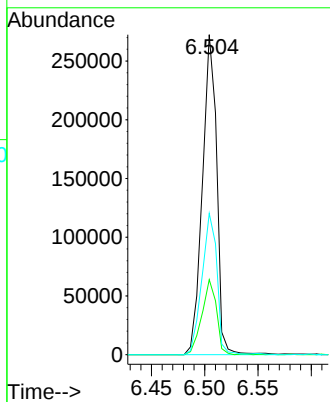
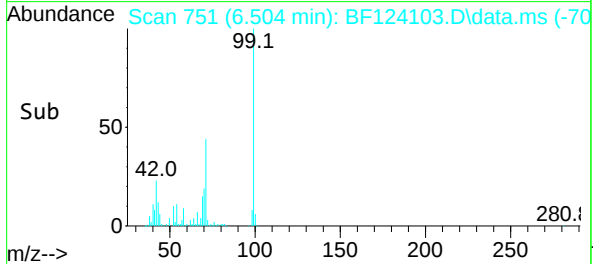
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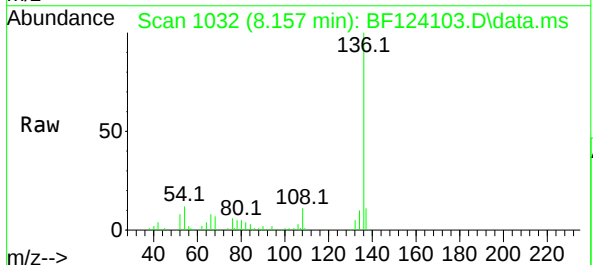
#7
Phenol-d6
Concen: 70.973 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



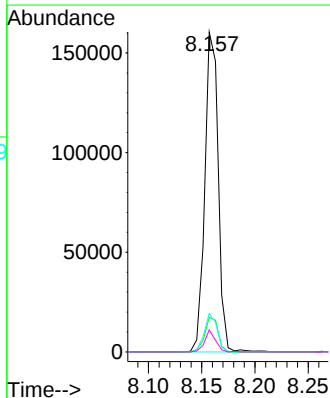
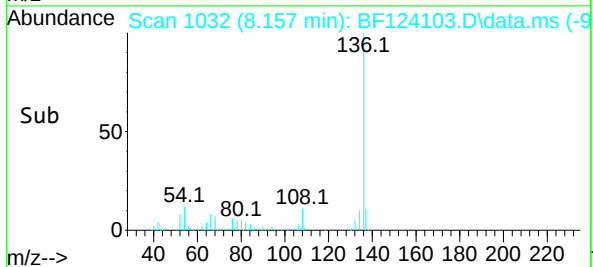
Tgt Ion: 99 Resp: 255719
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.8
71 44.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



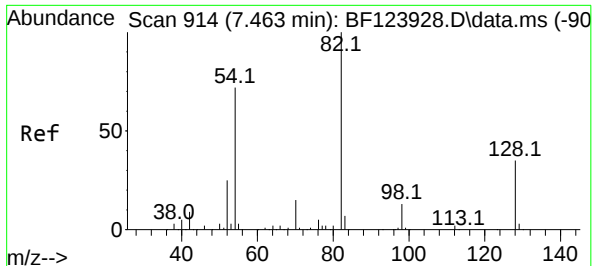
Tgt Ion: 136 Resp: 141026
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.1 9.8 14.6
68 6.9 4.1 6.1#



Instrument :
BNA_F
ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 62.649 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF124103.D

Acq: 27 May 2021 21:05

Tgt Ion: 82 Resp: 205060

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.4	44.2
54	65.1	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

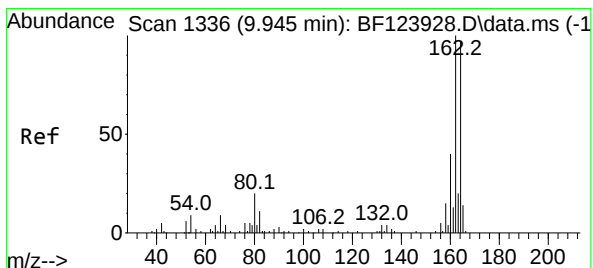
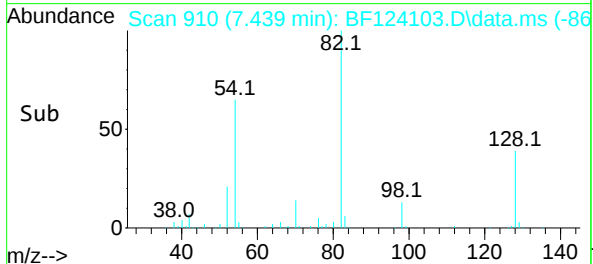
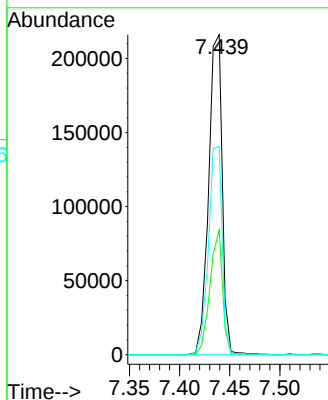
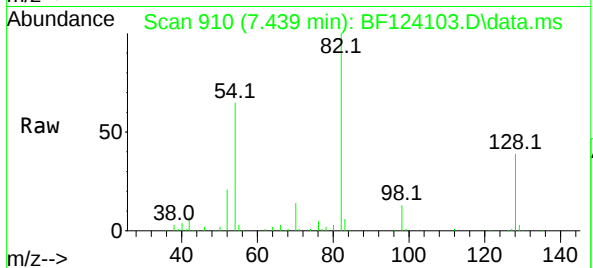
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

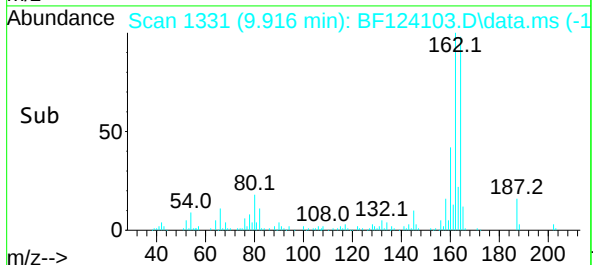
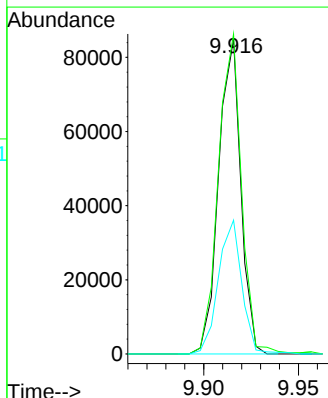
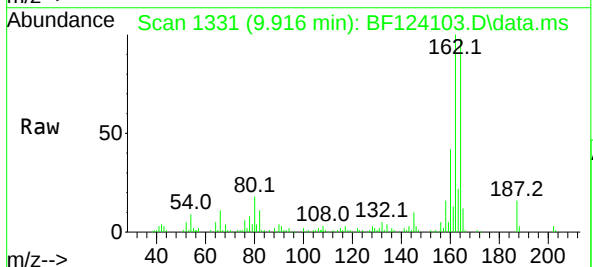
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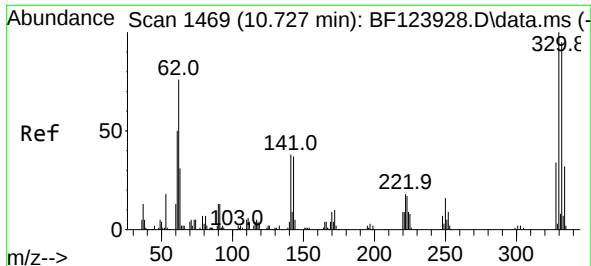
Lab File: BF124103.D

Acq: 27 May 2021 21:05

Tgt Ion:164 Resp: 68924

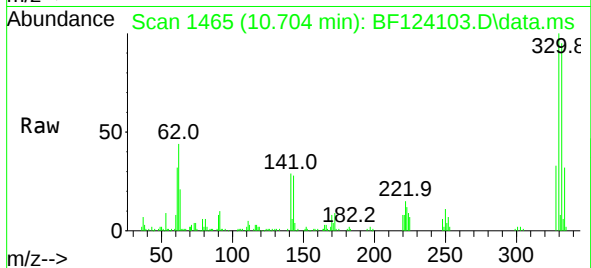
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	42.5	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 87.859 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05

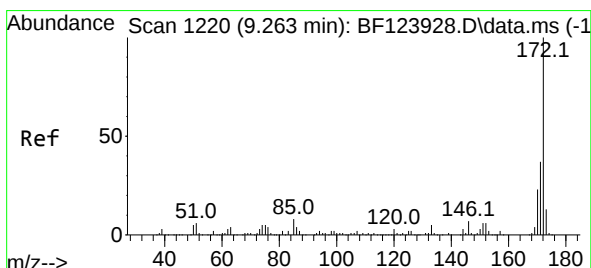
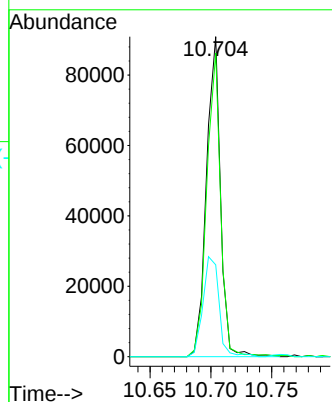
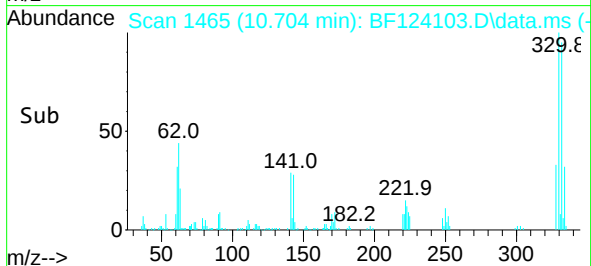
Instrument :
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ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP



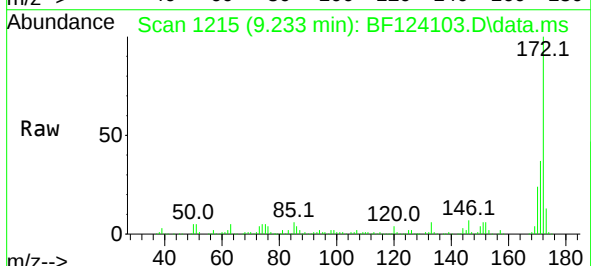
Tgt Ion: 330 Resp: 72733
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 35.9 27.9 41.9

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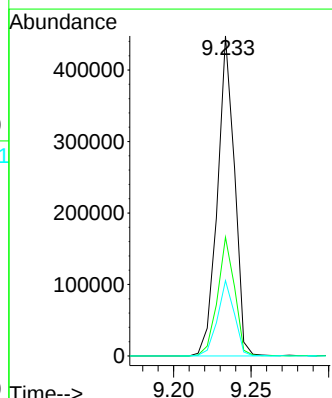
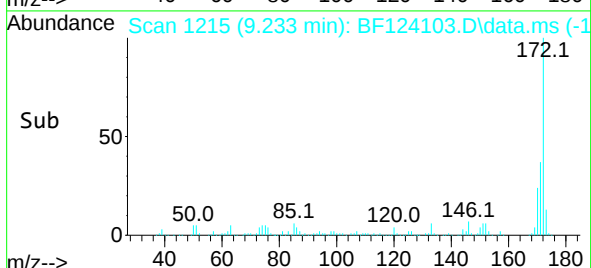
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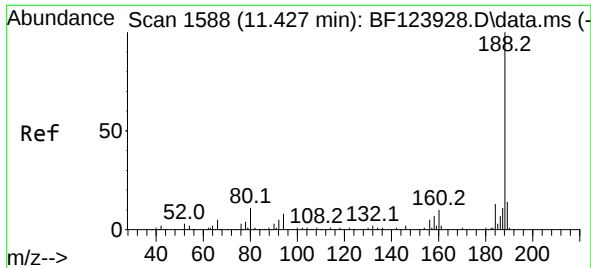


#45
2-Fluorobiphenyl
Concen: 61.100 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



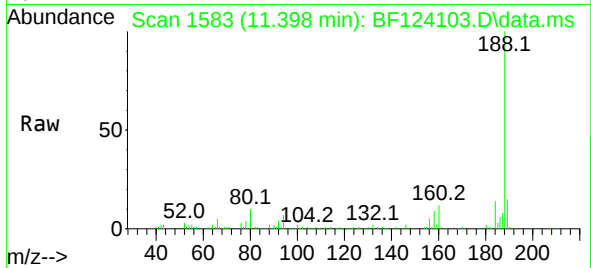
Tgt Ion: 172 Resp: 342215
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.5 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05

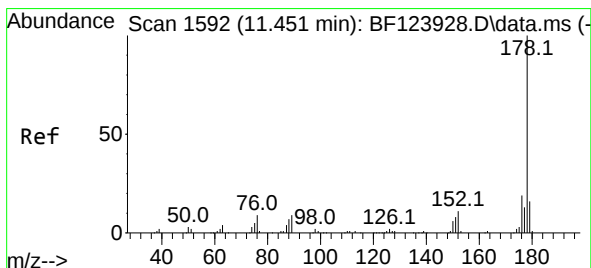
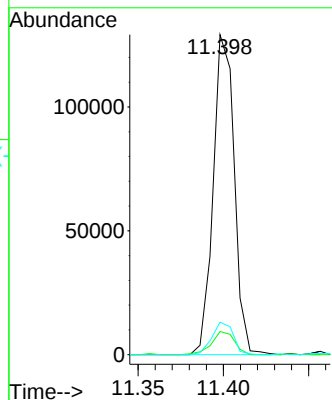
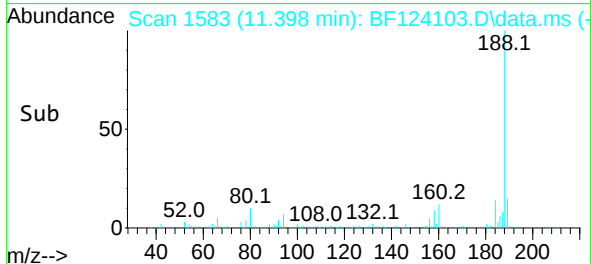
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP



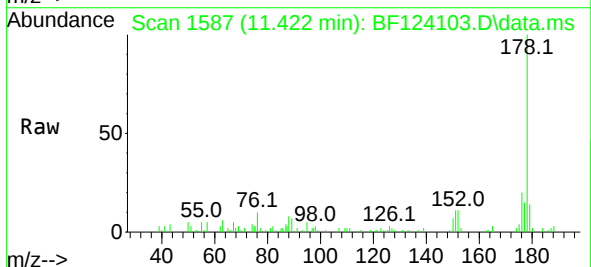
Tgt Ion:188 Resp: 110857
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 10.1 8.2 12.2

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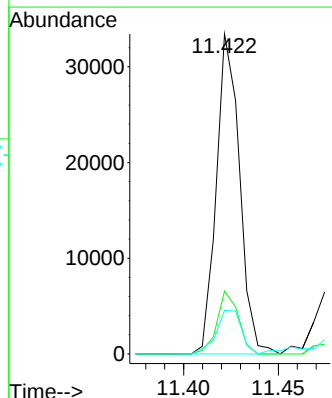
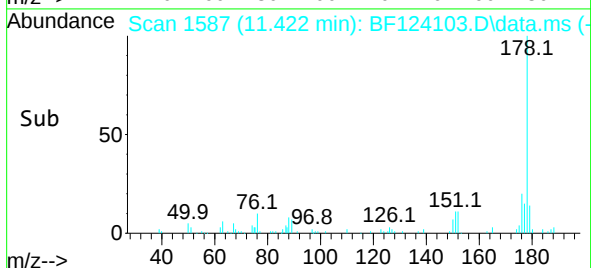
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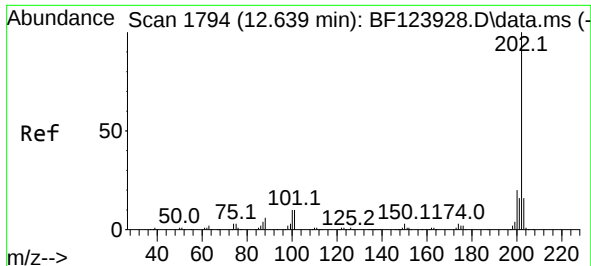


#71
Phenanthrene
Concen: 4.055 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05

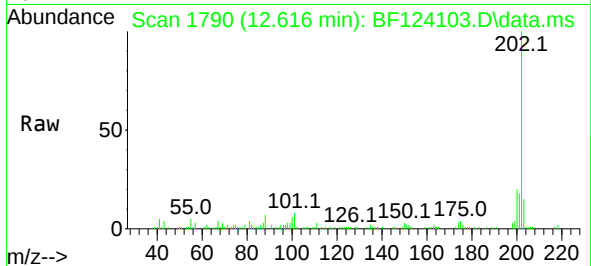


Tgt Ion:178 Resp: 28492
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 13.6 12.5 18.7

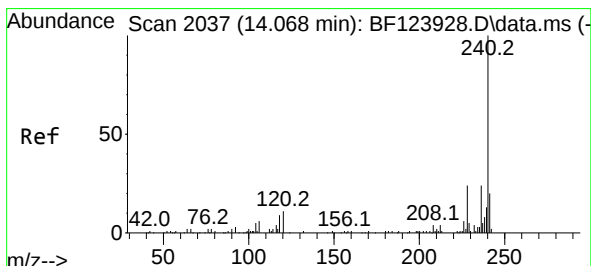
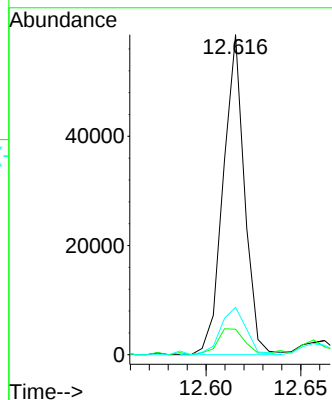
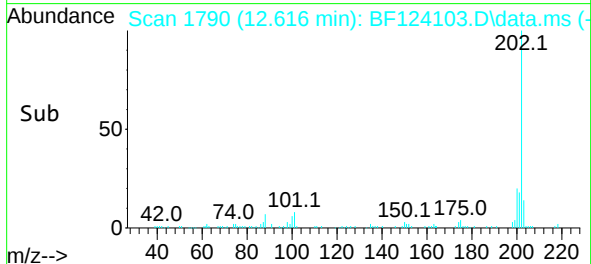




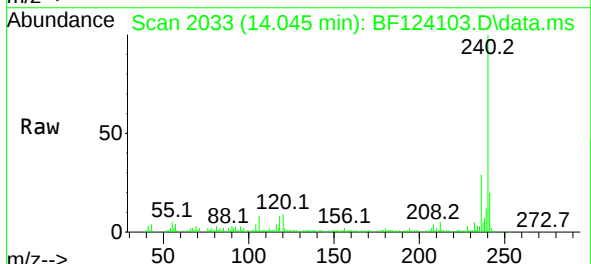
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Fluoranthene
Concen: 6.291 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



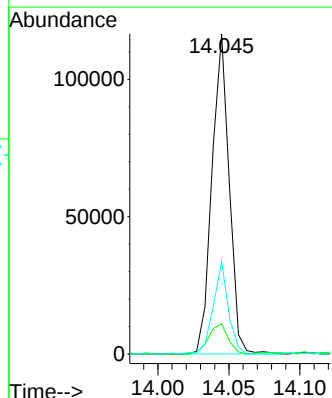
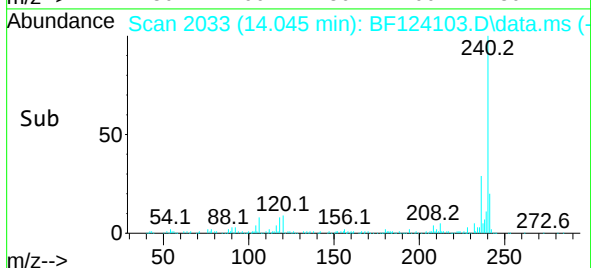
Tgt Ion:202 Resp: 45770
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.9
203 14.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



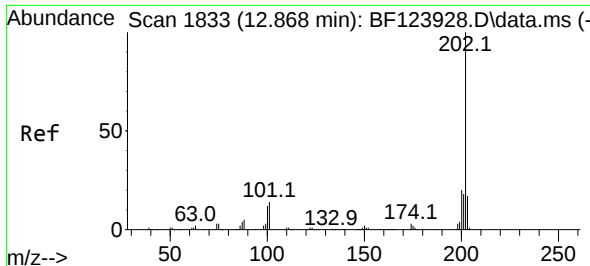
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Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 28.9 19.0 28.4#



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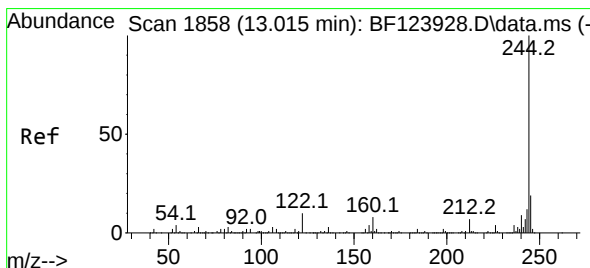
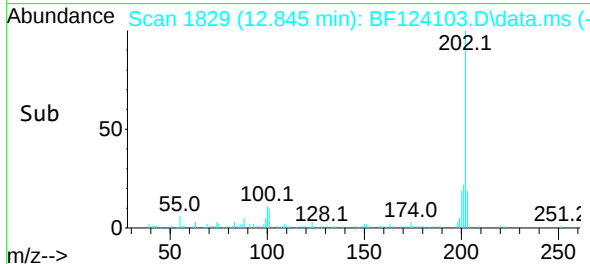
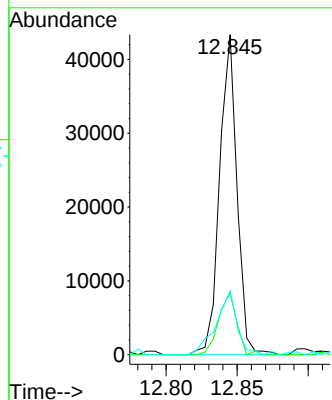
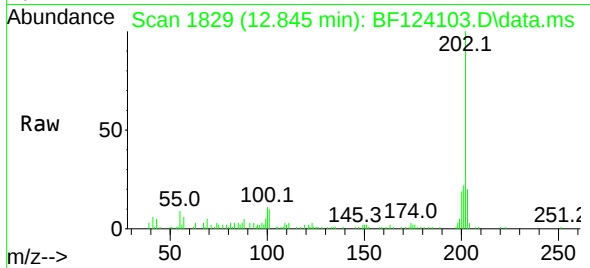
#78
Pyrene
Concen: 4.209 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05

Tgt Ion:	202	Resp:	36796
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.1	24.1
203	19.9	14.8	22.2

Instrument :
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ClientSampleId :
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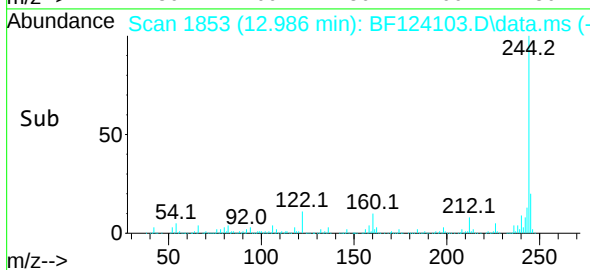
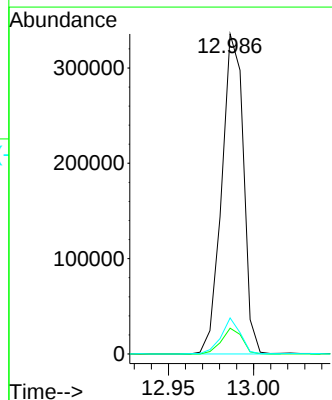
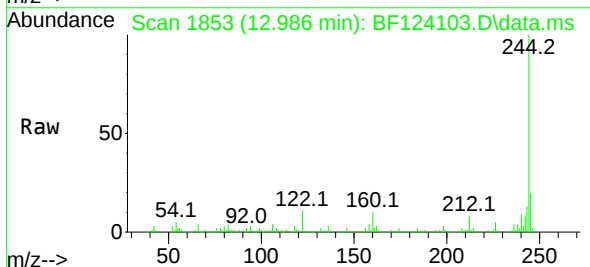
Manual Integrations
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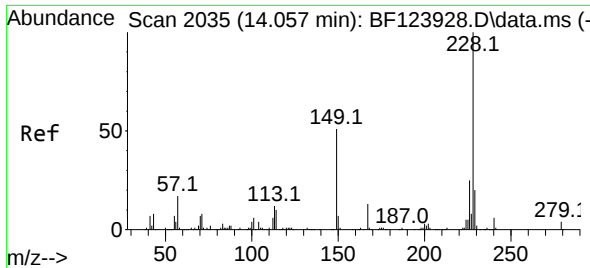
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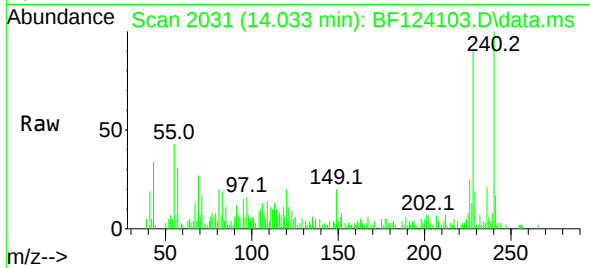
#79
Terphenyl-d14
Concen: 45.731 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05

Tgt Ion:	244	Resp:	297326
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.7	8.5
122	11.2	9.7	14.5

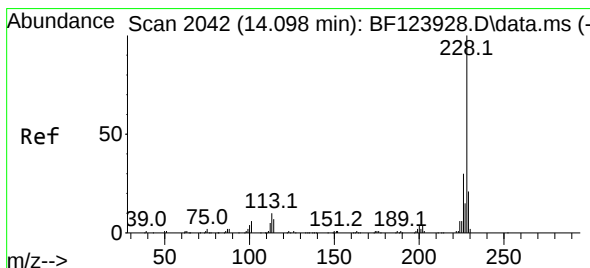
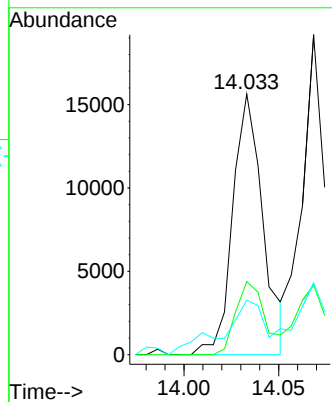
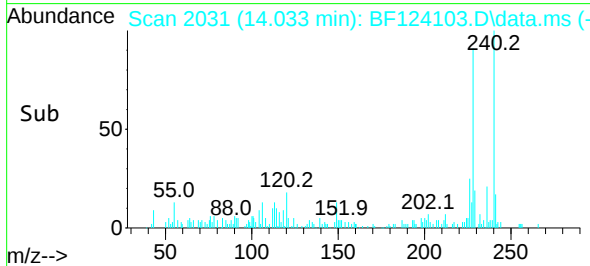




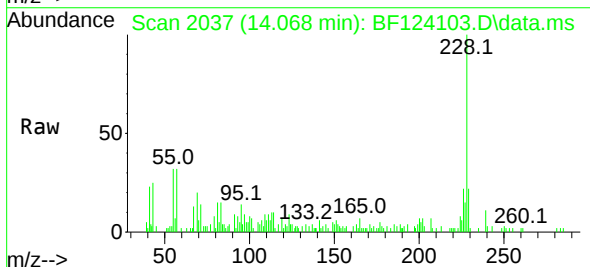
#81
Benzo(a)anthracene
Concen: 2.433 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



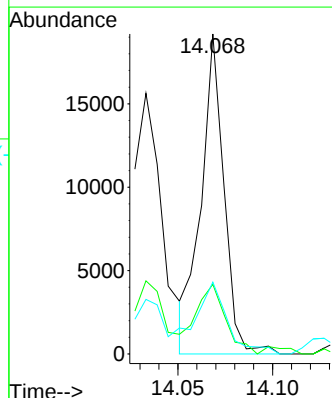
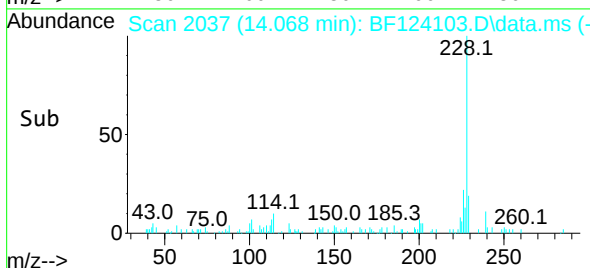
Tgt Ion:228 Resp: 17324
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.9 16.0 24.0



#83
Chrysene
Concen: 2.363 ng m
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



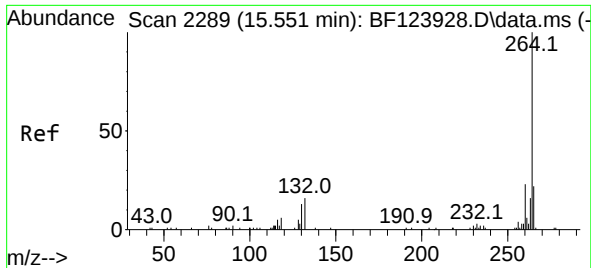
Tgt Ion:228 Resp: 16188
Ion Ratio Lower Upper
228 100
226 21.8 24.3 36.5#
229 22.5 16.2 24.2



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

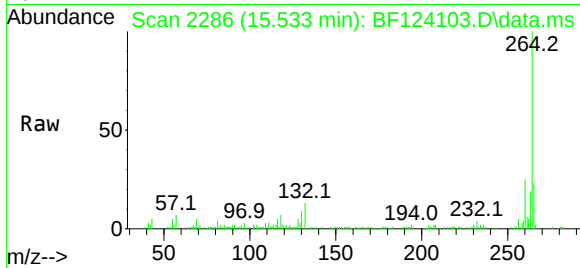
Manual Integrations
APPROVED

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: BF124103.D
 Acq: 27 May 2021 21:05

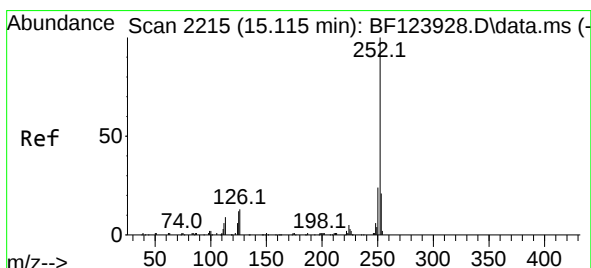
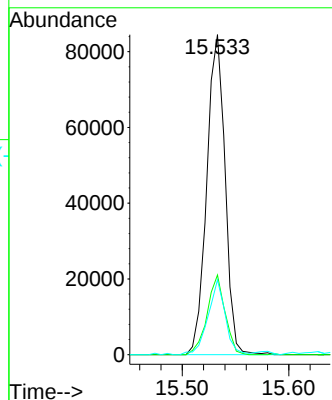
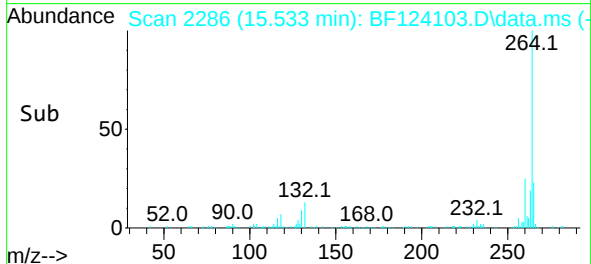
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-LOAMY-TOP



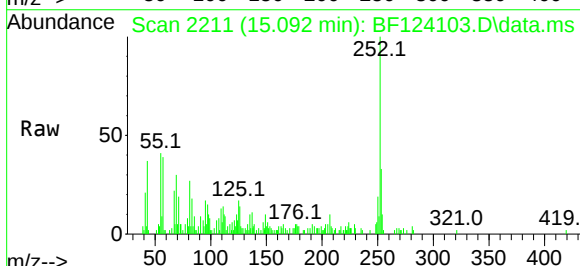
Tgt Ion:264 Resp: 101249
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.7 28.1
 265 23.4 17.8 26.8

Manual Integrations
 APPROVED

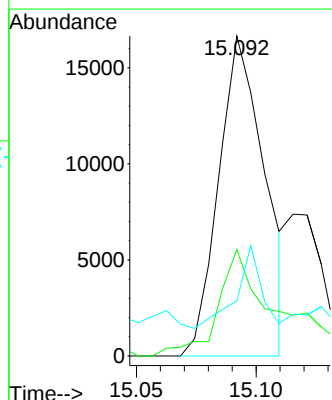
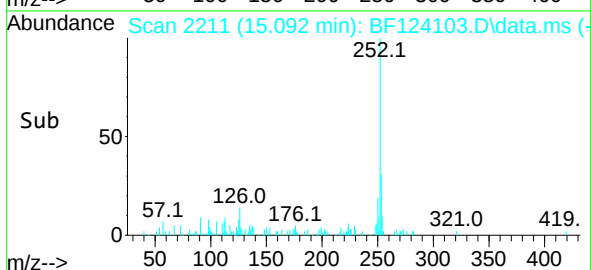
mohammad
 5/28/2021 12:36:36 PM

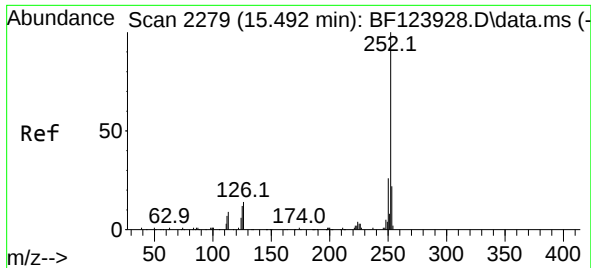


#88
 Benzo(b)fluoranthene
 Concen: 2.844 ng m
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF124103.D
 Acq: 27 May 2021 21:05

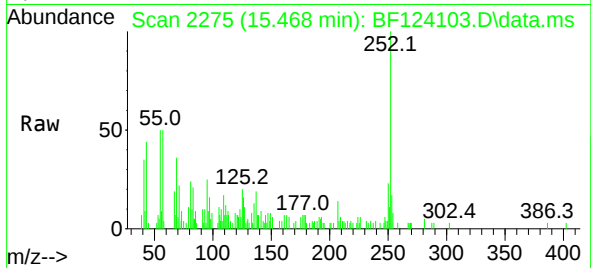


Tgt Ion:252 Resp: 22276
 Ion Ratio Lower Upper
 252 100
 253 33.2 18.1 27.1#
 125 17.2 6.2 9.4#

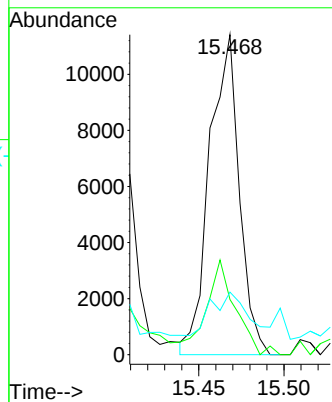
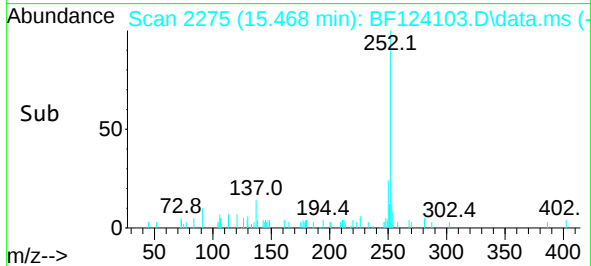




#90
Benzo(a)pyrene
Concen: 2.045 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF124103.D
Acq: 27 May 2021 21:05



Tgt Ion:252 Resp: 13844
Ion Ratio Lower Upper
252 100
253 17.2 18.4 27.6#
125 19.5 8.0 12.0#



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

Manual Integrations
APPROVED

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5/28/2021 12:36:36 PM