

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124382.D
 Acq On : 18 Jun 2021 19:38
 Operator : JU/CG
 Sample : M2749-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-04_14.5-15.0

Manual Integrations
 APPROVED

mohammad
 6/21/2021 11:38:38 AM

Quant Time: Jun 18 23:18:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32572	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	126427	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	72497	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	137891	20.000	ng	0.00
76) Chrysene-d12	13.957	240	92031	20.000	ng	0.00
86) Perylene-d12	15.421	264	92543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	222516	102.838	ng	0.00
7) Phenol-d6	6.433	99	279899	96.237	ng	-0.01
23) Nitrobenzene-d5	7.351	82	208758	65.489	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	101186	98.516	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	404306	70.177	ng	0.00
79) Terphenyl-d14	12.898	244	389049	58.040	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.857	154	11086	2.344	ng	89
58) Fluorene	10.368	166	11721	2.063	ng	93
71) Phenanthrene	11.339	178	230230	26.728	ng	97
72) Anthracene	11.386	178	43724	5.040	ng	98
73) Carbazole	11.545	167	20169	2.668	ng	# 86
75) Fluoranthene	12.527	202	307164	33.972	ng	97
78) Pyrene	12.757	202	255393	28.899	ng	97
81) Benzo(a)anthracene	13.951	228	124631	18.589	ng	96
83) Chrysene	13.986	228	112254m	17.354	ng	
87) Indeno(1,2,3-cd)pyrene	16.868	276	51140	10.375	ng	99
88) Benzo(b)fluoranthene	14.998	252	155214m	21.591	ng	
89) Benzo(k)fluoranthene	15.021	252	41559m	6.107	ng	
90) Benzo(a)pyrene	15.356	252	106437	17.046	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	13834m	6.096	ng	
92) Benzo(g,h,i)perylene	17.315	276	42516	9.841	ng	96

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

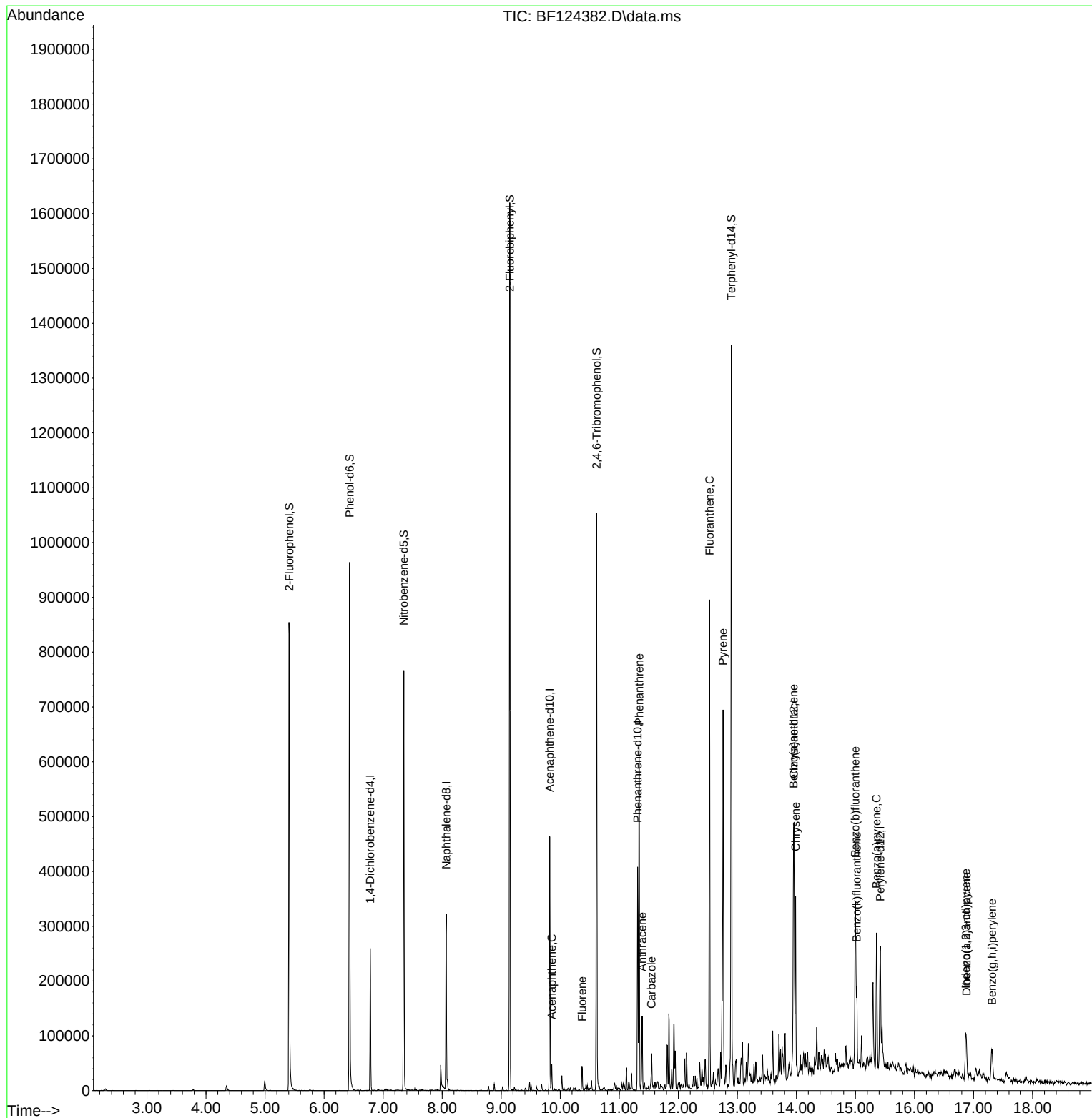
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
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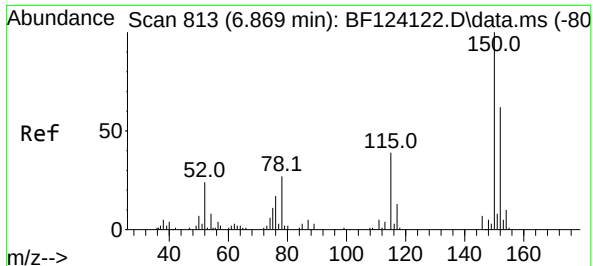
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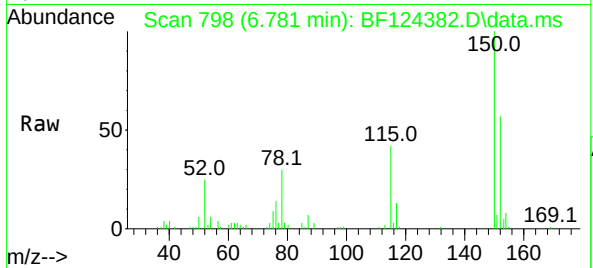
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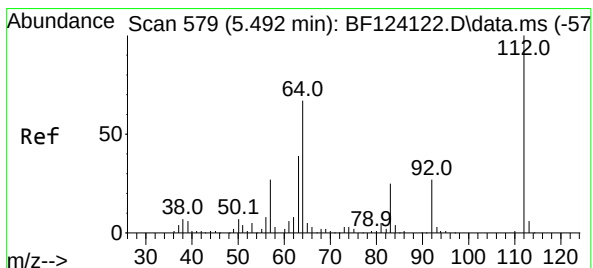
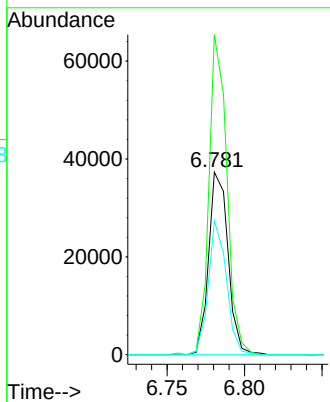
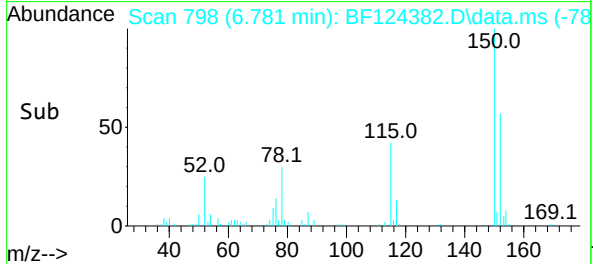




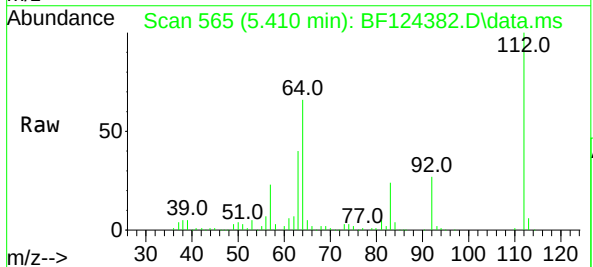
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



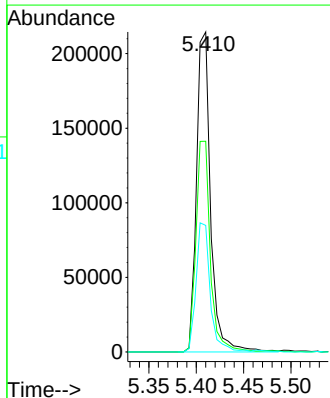
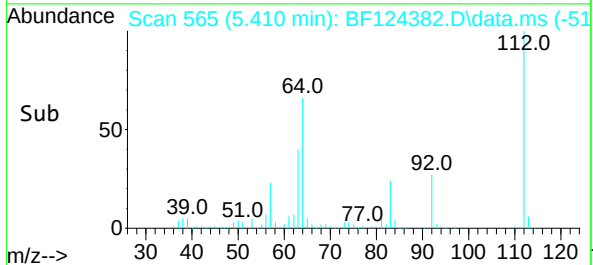
Tgt Ion:152 Resp: 32572
Ion Ratio Lower Upper
152 100
150 175.2 127.0 190.6
115 73.3 54.3 81.5



#5
2-Fluorophenol
Concen: 102.838 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



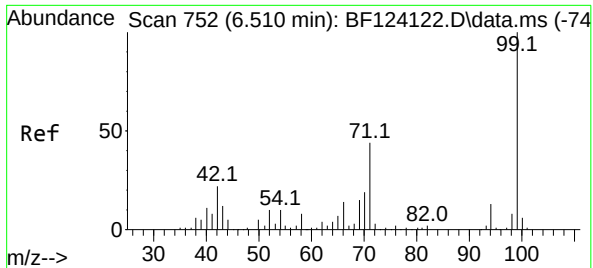
Tgt Ion:112 Resp: 222516
Ion Ratio Lower Upper
112 100
64 65.9 61.4 92.0
63 39.6 33.0 49.4



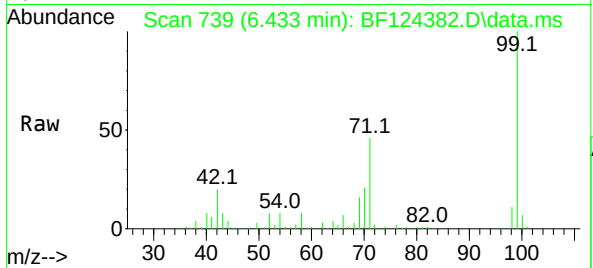
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

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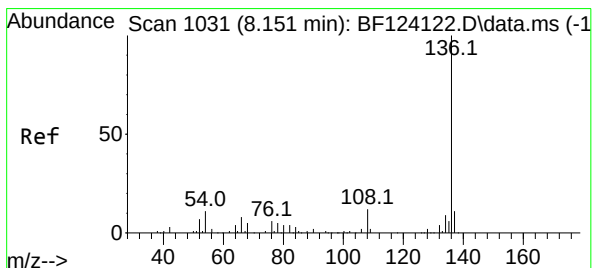
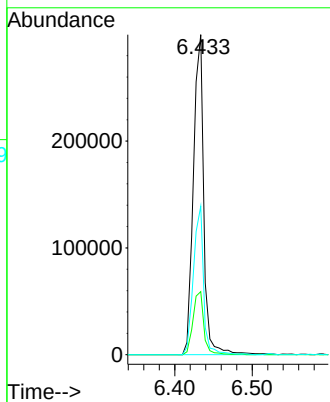
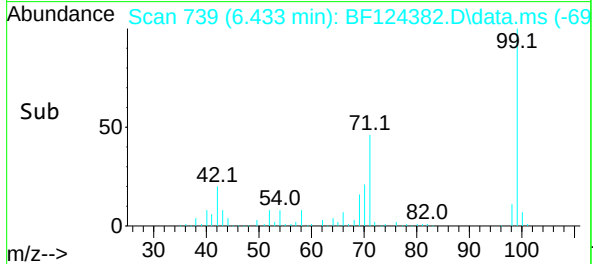
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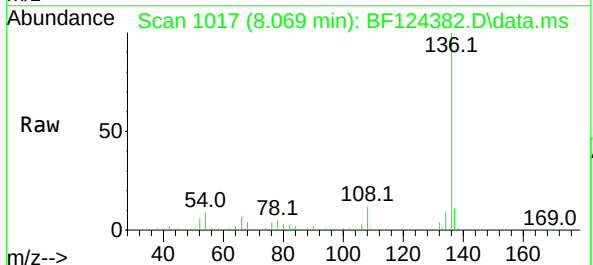
#7
Phenol-d6
Concen: 96.237 ng
RT: 6.433 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



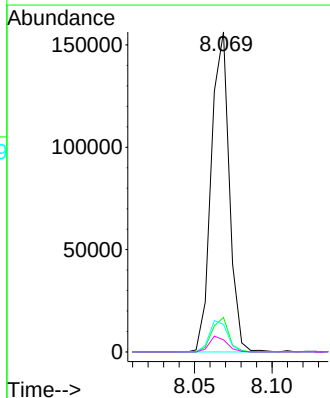
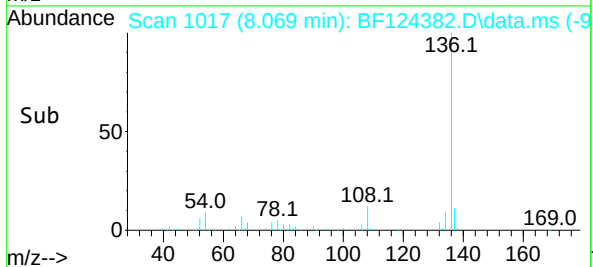
Tgt Ion: 99 Resp: 279899
Ion Ratio Lower Upper
99 100
42 19.7 19.8 29.8#
71 46.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



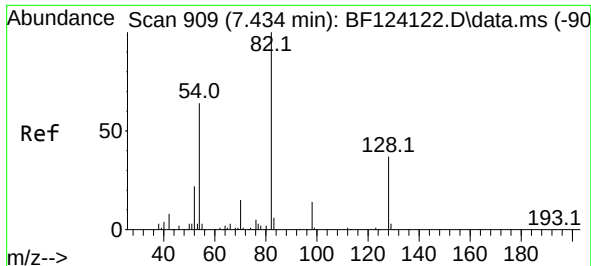
Tgt Ion: 136 Resp: 126427
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.7 9.8 14.6#
68 3.8 4.1 6.1#



Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

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#23

Nitrobenzene-d5

Concen: 65.489 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124382.D

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Tgt Ion:	82	Resp:	208758
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.4	44.2
54	55.5	54.1	81.1

Instrument :

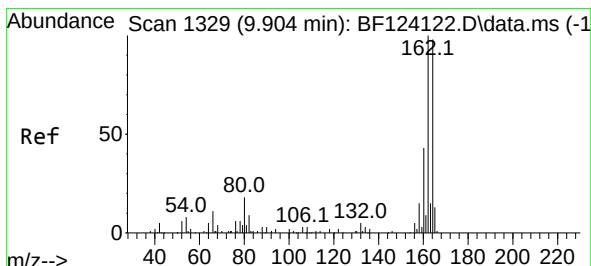
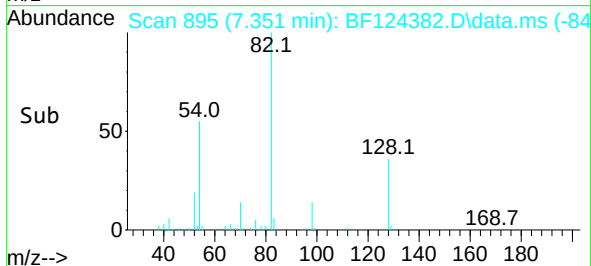
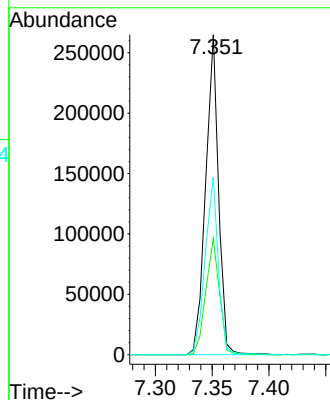
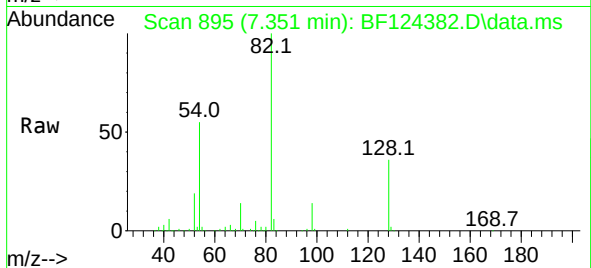
BNA_F

ClientSampleId :

PX-04_14.5-15.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

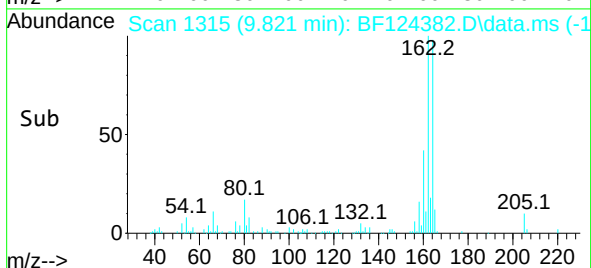
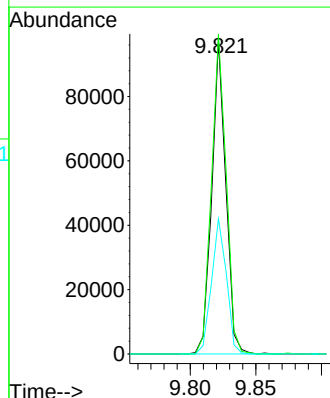
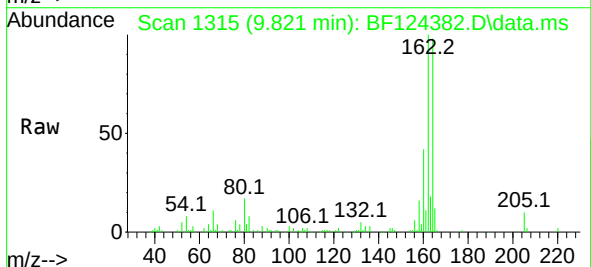
RT: 9.821 min Scan# 1315

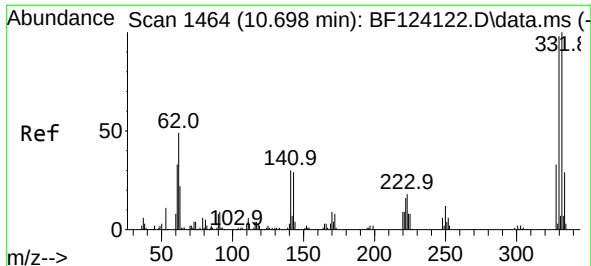
Delta R.T. -0.006 min

Lab File: BF124382.D

Acq: 18 Jun 2021 19:38

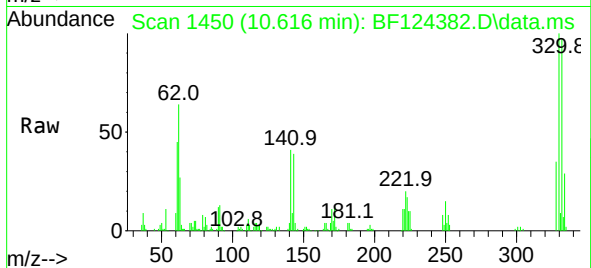
Tgt Ion:	164	Resp:	72497
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.1	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 98.516 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

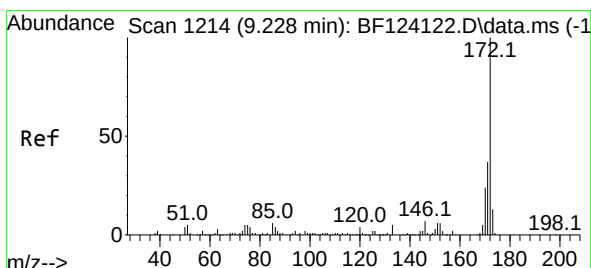
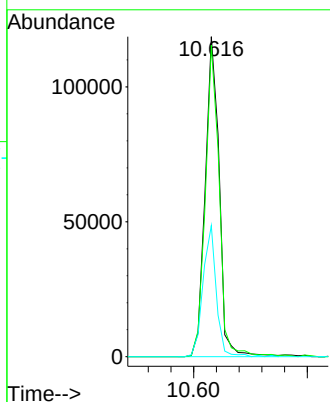
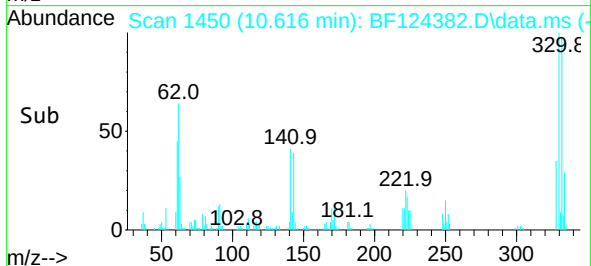
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ClientSampleId :
PX-04_14.5-15.0



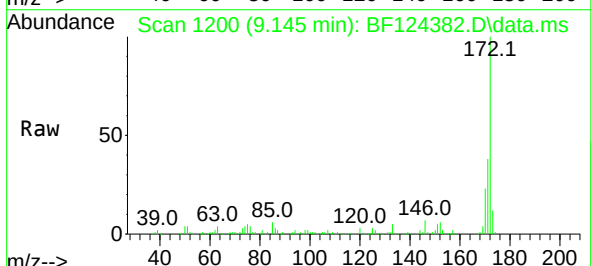
Tgt Ion: 330 Resp: 101186
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 39.2 27.9 41.9

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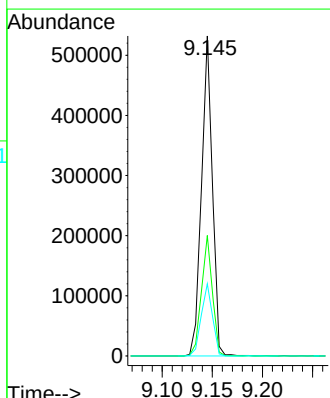
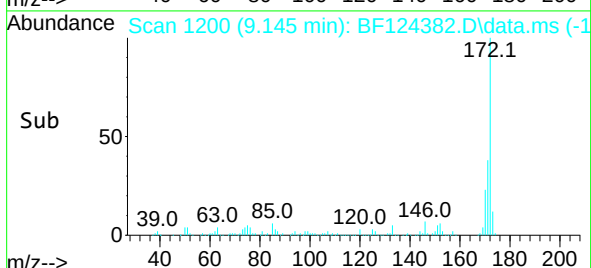
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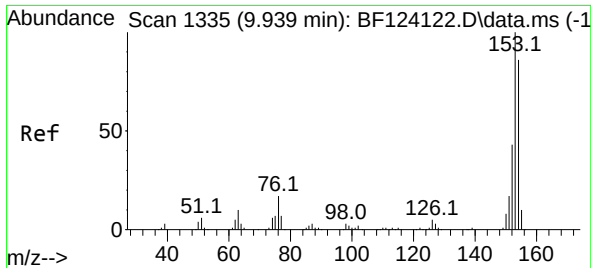


#45
2-Fluorobiphenyl
Concen: 70.177 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



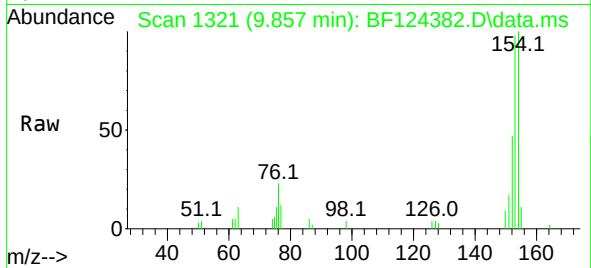
Tgt Ion: 172 Resp: 404306
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 22.6 19.2 28.8





#52
Acenaphthene
Concen: 2.344 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

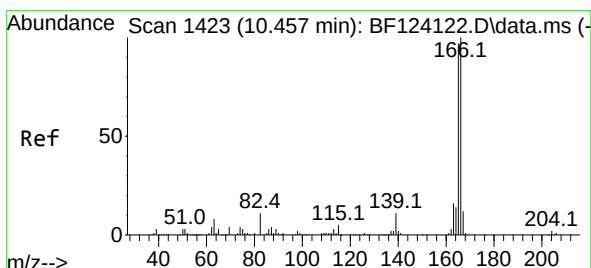
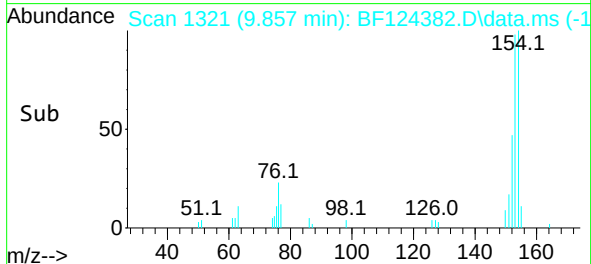
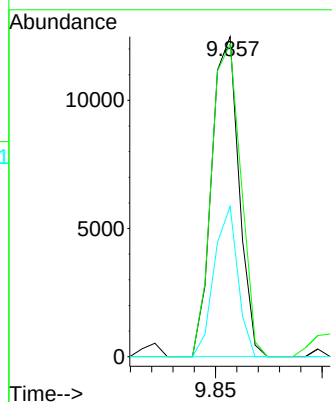
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0



Tgt Ion:154 Resp: 11086
Ion Ratio Lower Upper
154 100
153 97.7 88.1 132.1
152 47.0 43.4 65.0

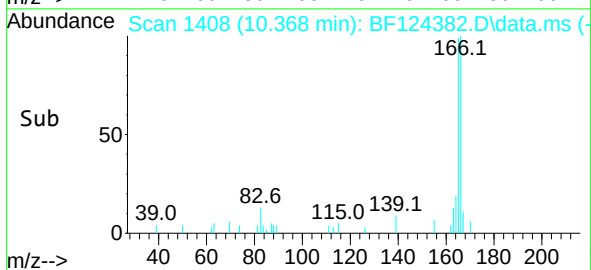
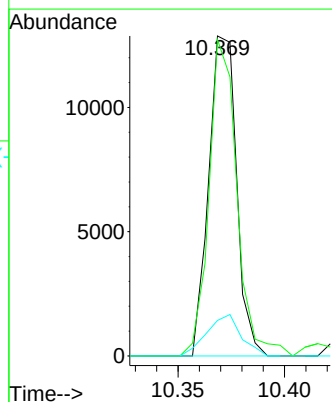
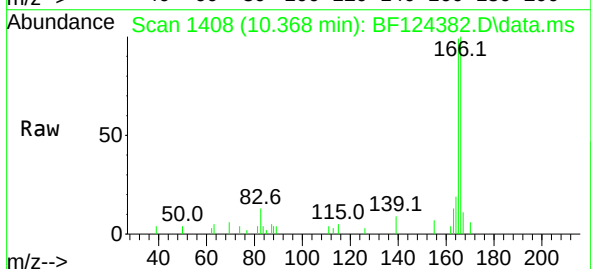
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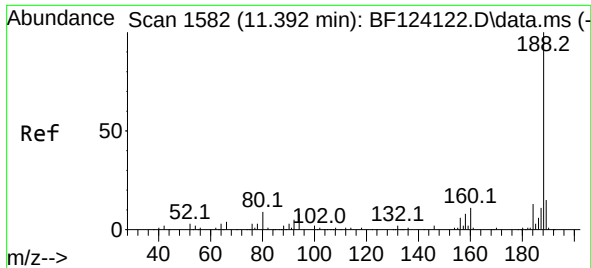
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#58
Fluorene
Concen: 2.063 ng
RT: 10.368 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

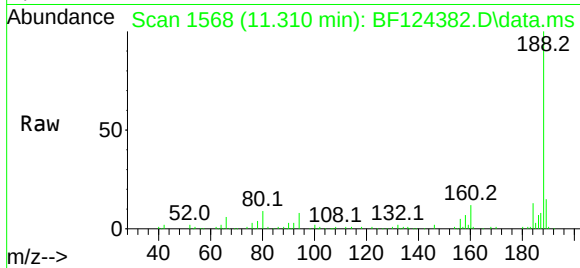
Tgt Ion:166 Resp: 11721
Ion Ratio Lower Upper
166 100
165 98.9 73.5 110.3
167 11.1 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

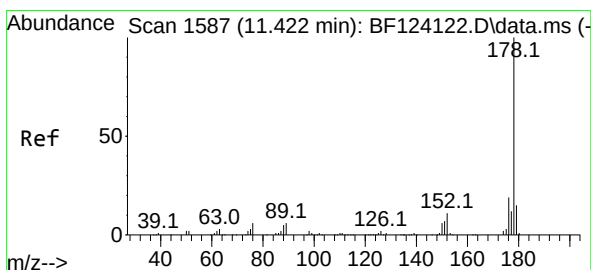
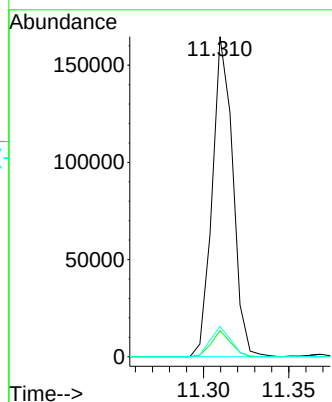
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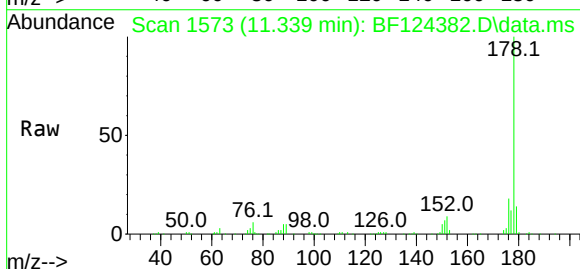
Tgt Ion:188 Resp: 137891
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.5 8.2 12.2

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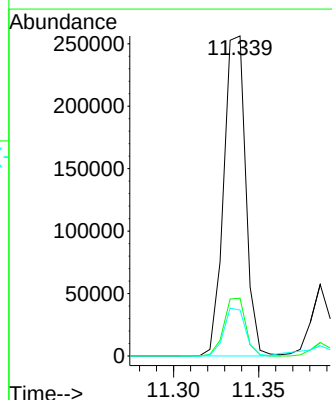
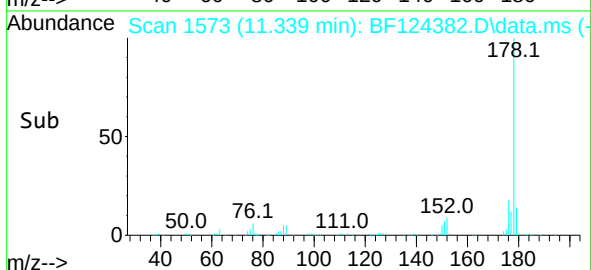
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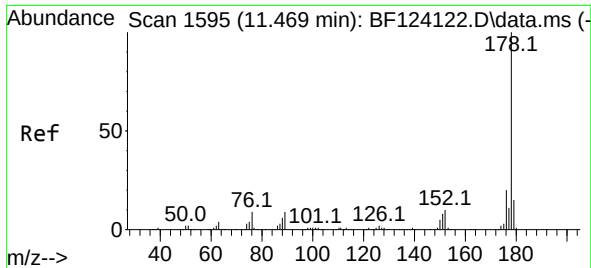


#71
Phenanthrene
Concen: 26.728 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



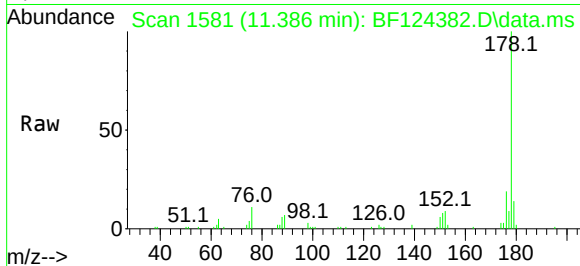
Tgt Ion:178 Resp: 230230
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 14.4 12.5 18.7





#72
 Anthracene
 Concen: 5.040 ng
 RT: 11.386 min Scan# 1581
 Delta R.T. -0.012 min
 Lab File: BF124382.D
 Acq: 18 Jun 2021 19:38

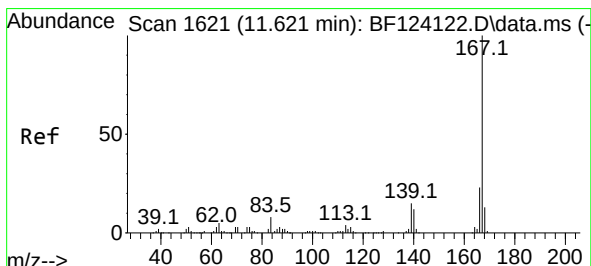
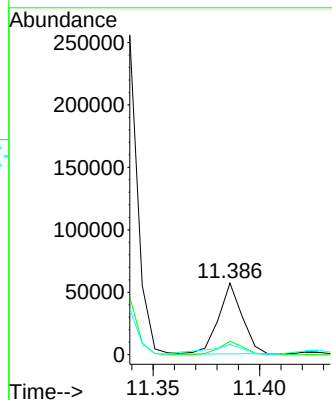
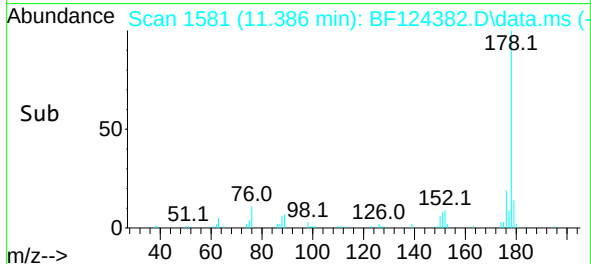
Instrument :
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 ClientSampled :
 PX-04_14.5-15.0



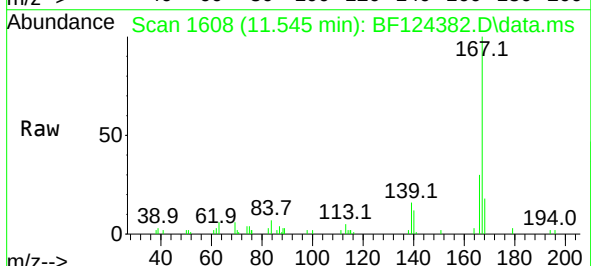
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 Ion Ratio Lower Upper
 178 100
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 179 14.3 12.6 18.8

Manual Integrations
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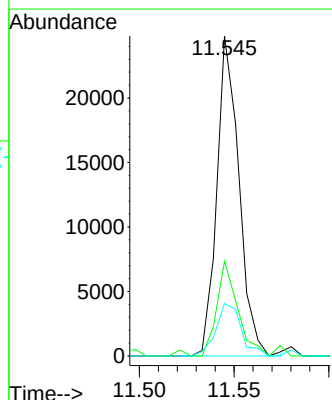
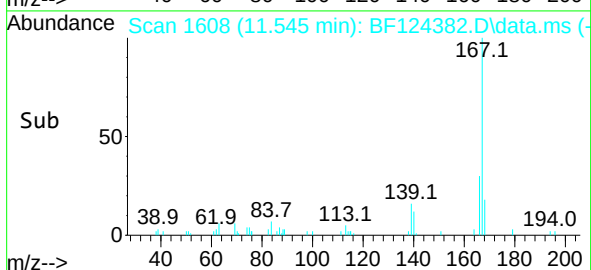
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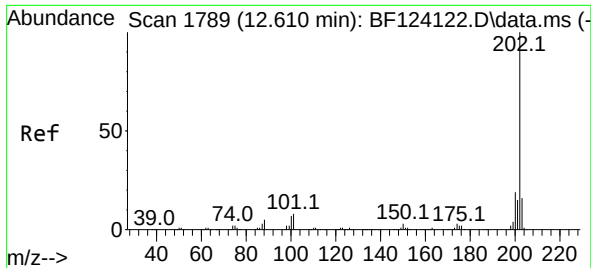


#73
 Carbazole
 Concen: 2.668 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF124382.D
 Acq: 18 Jun 2021 19:38



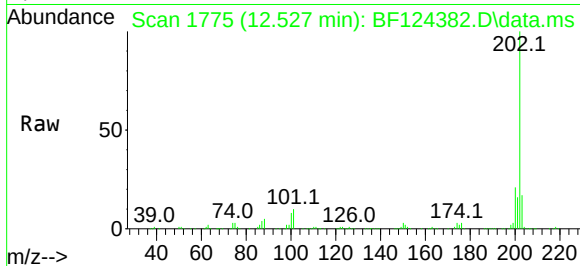
Tgt Ion:167 Resp: 20169
 Ion Ratio Lower Upper
 167 100
 166 29.6 17.0 25.6#
 139 16.4 10.4 15.6#





#75
Fluoranthene
Concen: 33.972 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

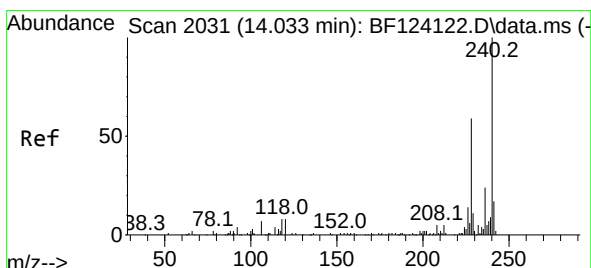
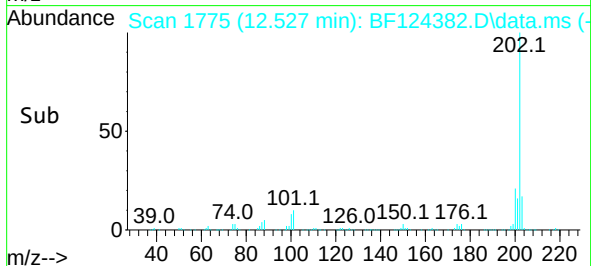
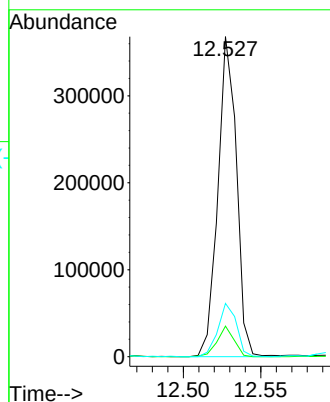
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0



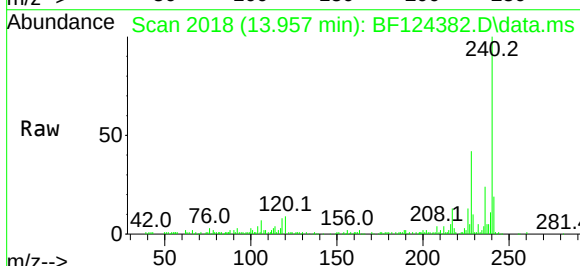
Tgt Ion:202 Resp: 307164
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 16.6 0.0 37.5

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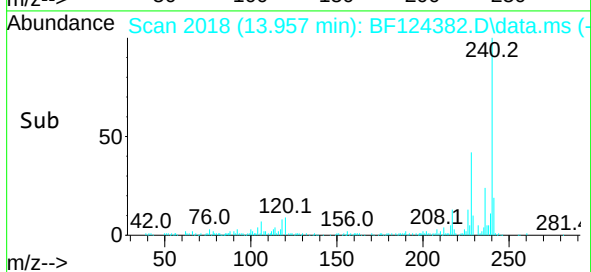
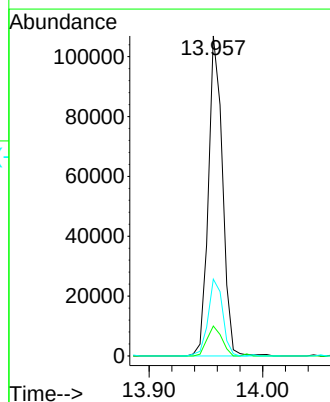
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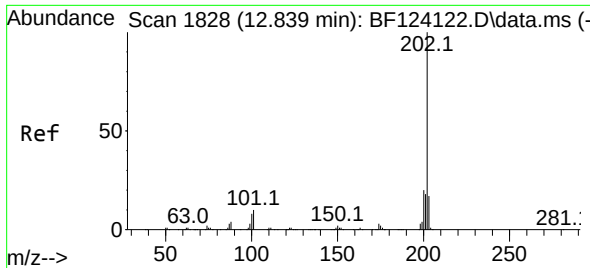


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



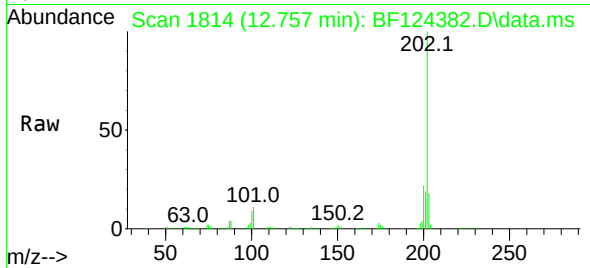
Tgt Ion:240 Resp: 92031
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 24.0 19.0 28.4





#78
Pyrene
Concen: 28.899 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

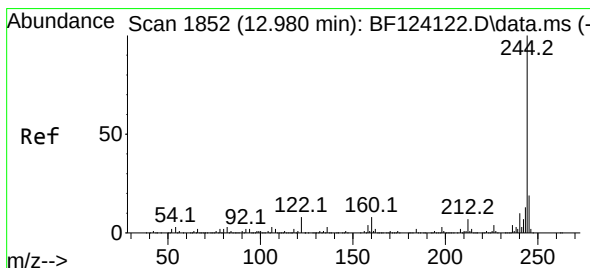
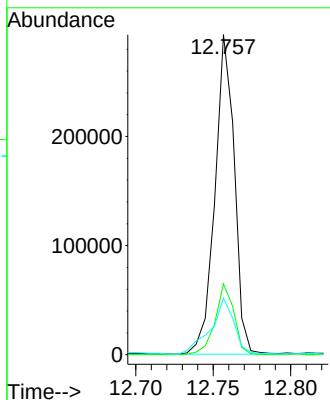
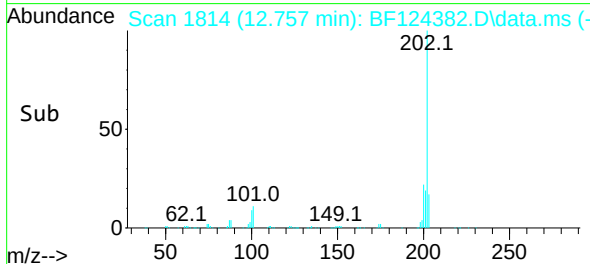
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0



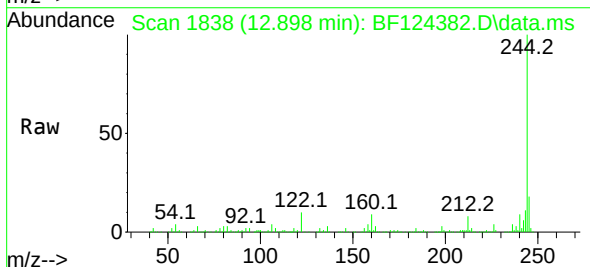
Tgt Ion:202 Resp: 255393
Ion Ratio Lower Upper
202 100
200 22.2 16.1 24.1
203 17.7 14.8 22.2

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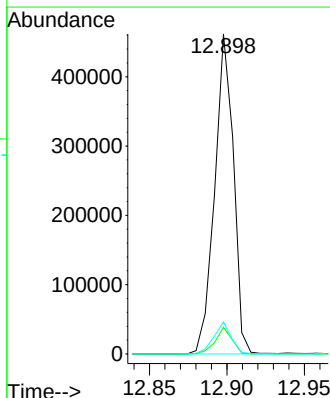
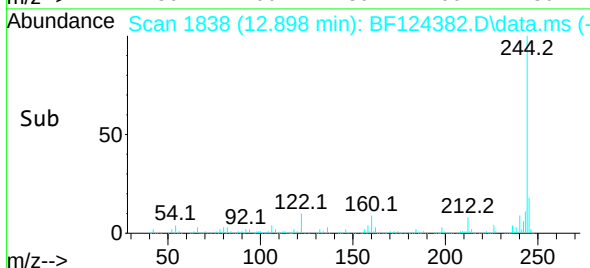
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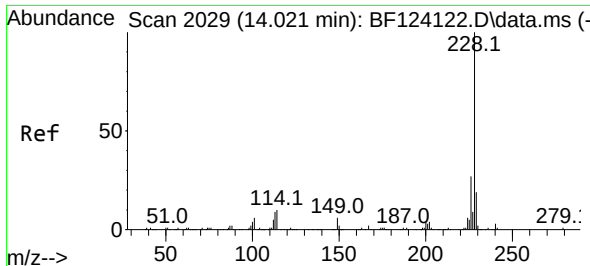


#79
Terphenyl-d14
Concen: 58.040 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

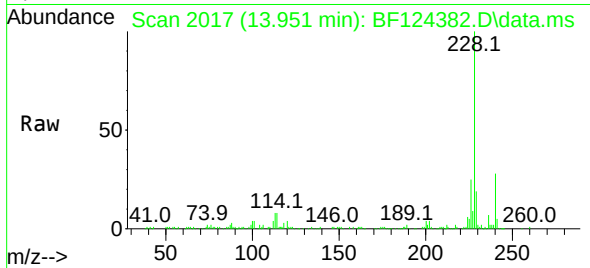


Tgt Ion:244 Resp: 389049
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 10.0 9.7 14.5





#81
Benzo(a)anthracene
Concen: 18.589 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

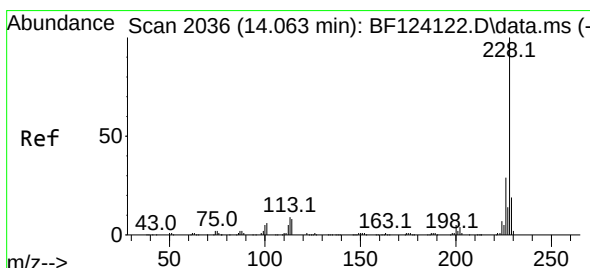
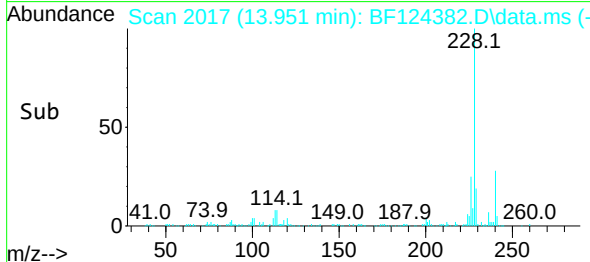
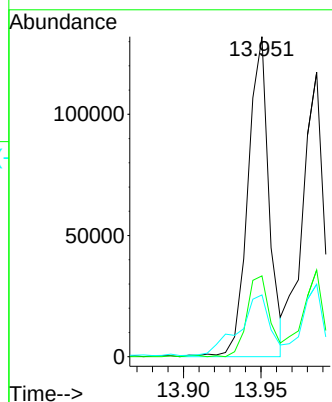


Tgt Ion:228 Resp: 124631
Ion Ratio Lower Upper
228 100
226 25.3 22.4 33.6
229 19.3 16.0 24.0

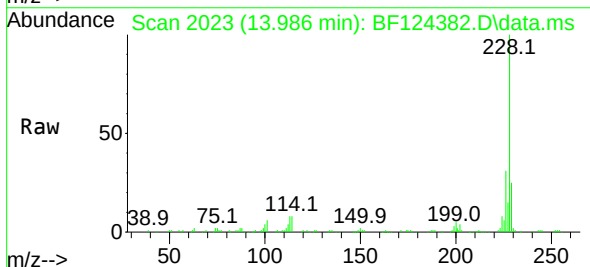
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

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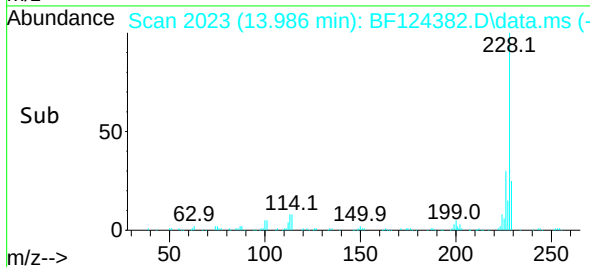
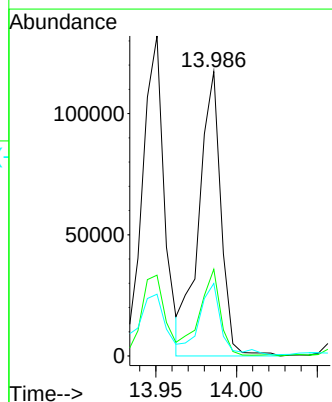
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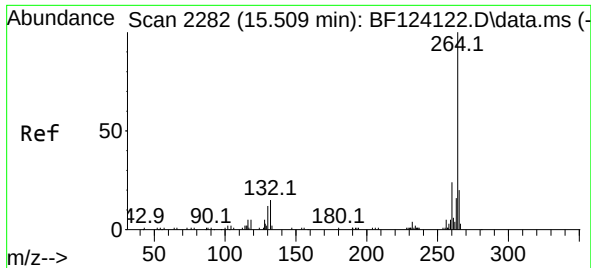


#83
Chrysene
Concen: 17.354 ng m
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



Tgt Ion:228 Resp: 112254
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 25.5 16.2 24.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

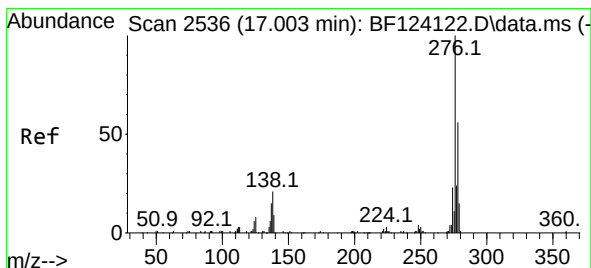
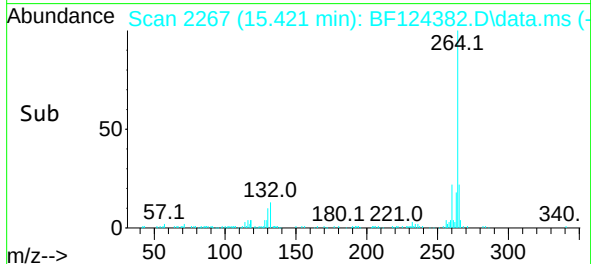
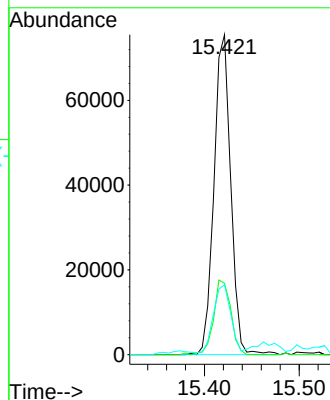
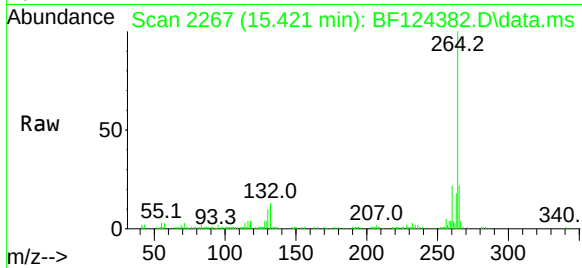
Tgt Ion:264 Resp: 92543

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.8	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

Manual Integrations
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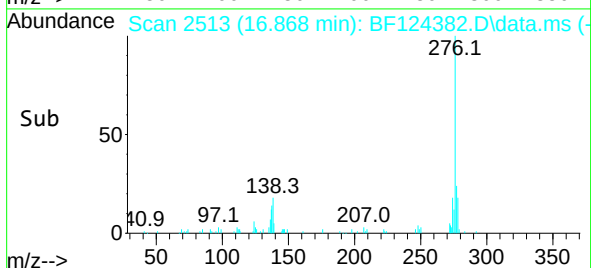
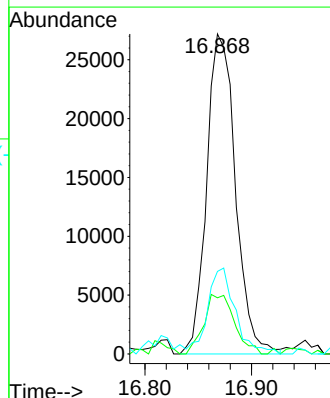
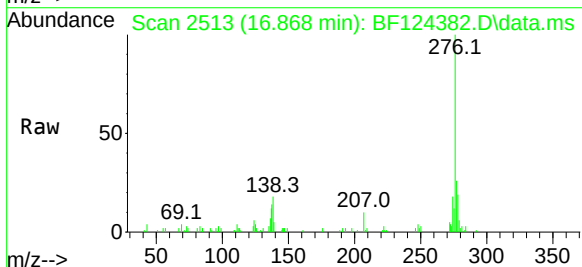
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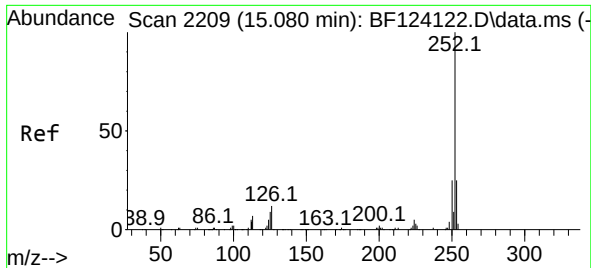


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.375 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

Tgt Ion:276 Resp: 51140

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.2	24.2
277	25.7	20.1	30.1





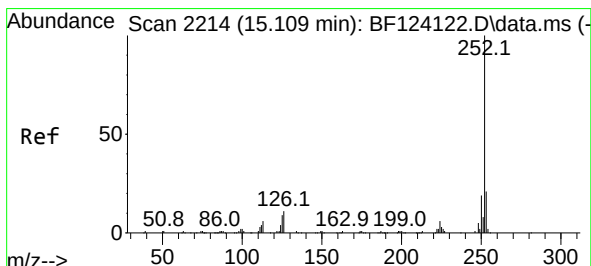
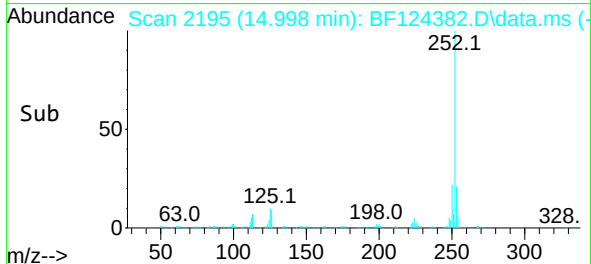
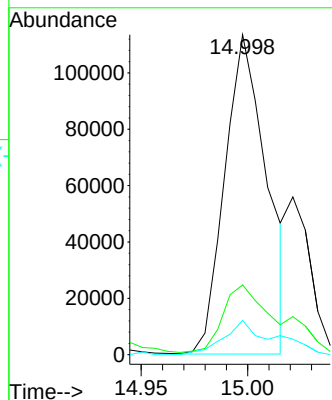
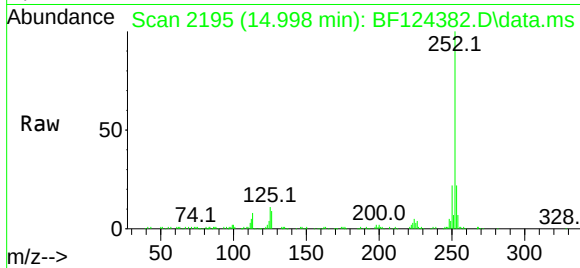
#88
Benzo(b)fluoranthene
Concen: 21.591 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

Tgt Ion:252 Resp: 155214
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 10.7 6.2 9.4#

Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

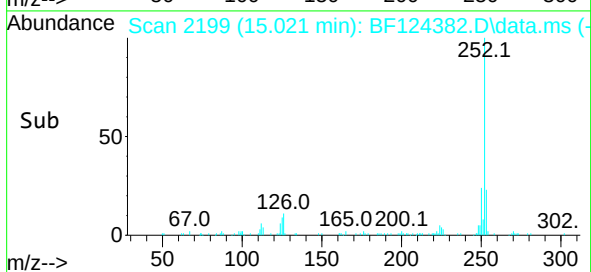
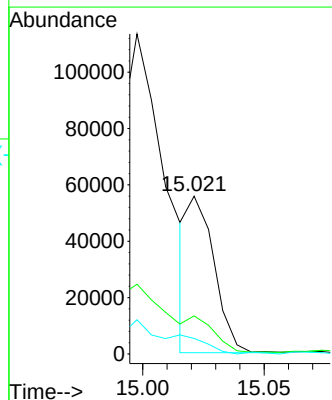
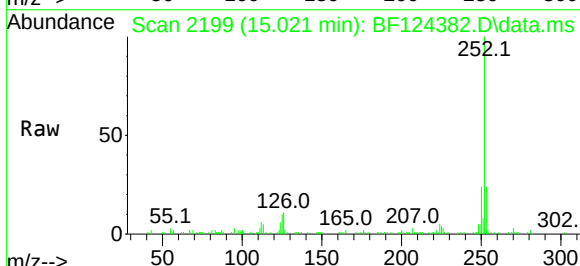
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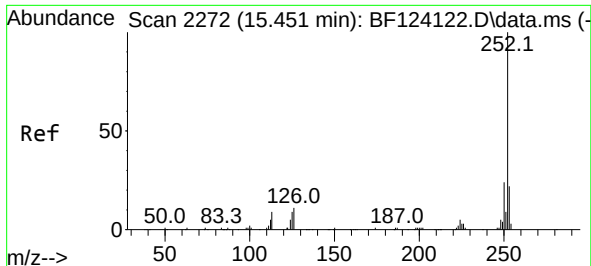
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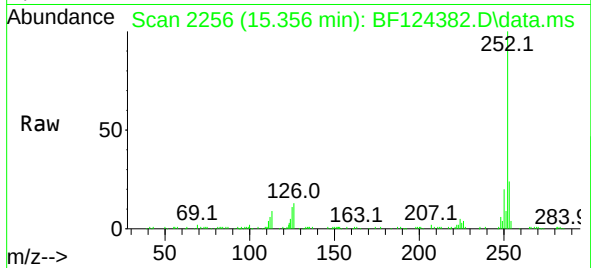
#89
Benzo(k)fluoranthene
Concen: 6.107 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38

Tgt Ion:252 Resp: 41559
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 9.9 7.0 10.6

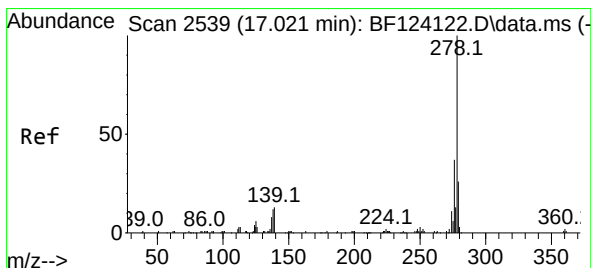
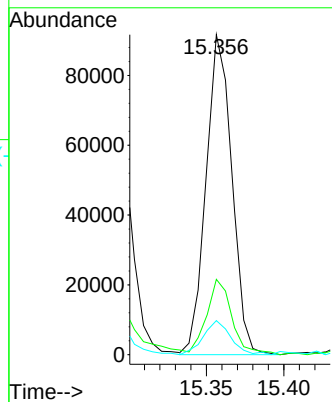
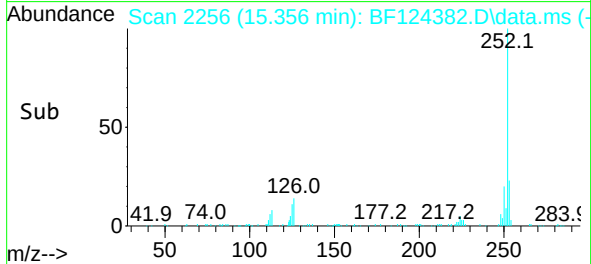




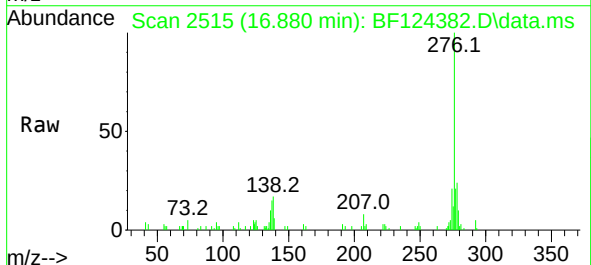
#90
Benzo(a)pyrene
Concen: 17.046 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



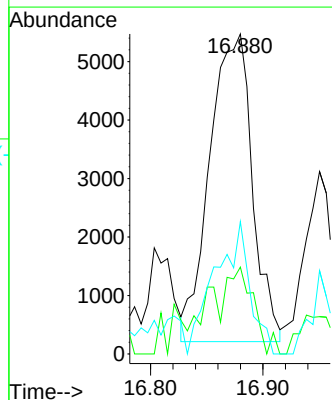
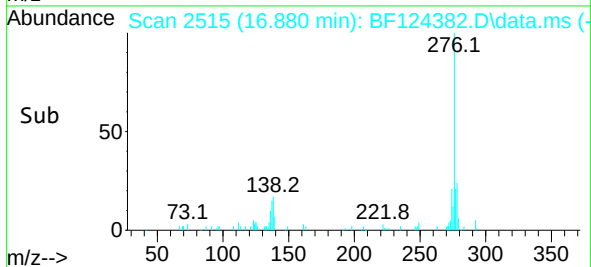
Tgt Ion:252 Resp: 106437
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 10.7 8.0 12.0



#91
Dibenzo(a,h)anthracene
Concen: 6.096 ng m
RT: 16.880 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BF124382.D
Acq: 18 Jun 2021 19:38



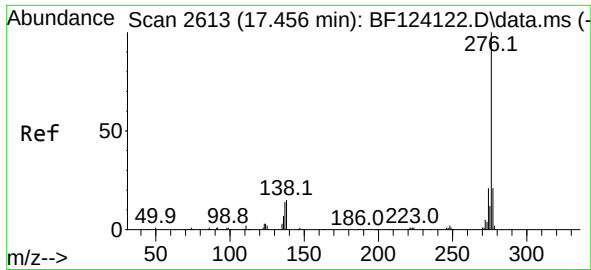
Tgt Ion:278 Resp: 13834
Ion Ratio Lower Upper
278 100
139 27.1 10.2 15.2#
279 41.4 19.4 29.0#



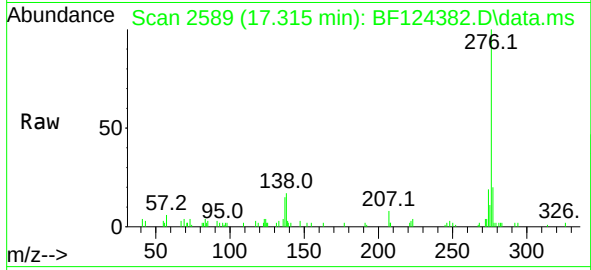
Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

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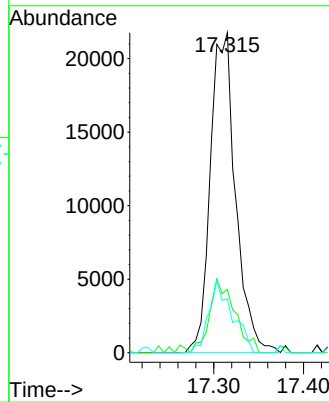
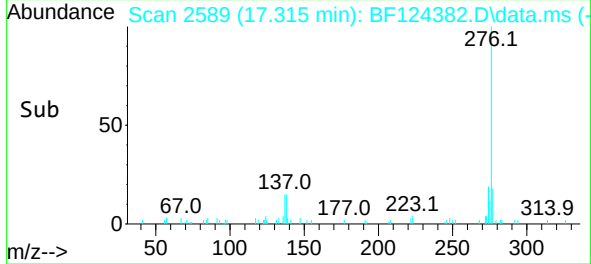
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#92
 Benzo(g,h,i)perylene
 Concen: 9.841 ng
 RT: 17.315 min Scan# 2589
 Delta R.T. -0.000 min
 Lab File: BF124382.D
 Acq: 18 Jun 2021 19:38



Tgt Ion:	276	Resp:	42516
Ion Ratio	Lower	Upper	
276	100		
277	19.8	18.2	27.2
138	16.7	13.8	20.6



Instrument :
 BNA_F
 ClientSampleId :
 PX-04_14.5-15.0

Manual Integrations
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