

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124381.D
 Acq On : 18 Jun 2021 19:05
 Operator : JU/CG
 Sample : M2749-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-01 4.5-5.0

Manual Integrations
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Quant Time: Jun 18 23:17:53 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	28361	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	114055	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69878	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	135696	20.000	ng	0.00
76) Chrysene-d12	13.957	240	89979	20.000	ng	0.00
86) Perylene-d12	15.416	264	84709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	196299	104.191	ng	0.00
7) Phenol-d6	6.434	99	256450	101.267	ng	-0.01
23) Nitrobenzene-d5	7.351	82	196935	68.482	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	90732	91.648	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	365357	65.794	ng	0.00
79) Terphenyl-d14	12.898	244	414478	63.244	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	121948	14.386	ng	97
72) Anthracene	11.386	178	25276m	2.961	ng	
75) Fluoranthene	12.527	202	179101	20.129	ng	95
78) Pyrene	12.757	202	151064	17.484	ng	99
81) Benzo(a)anthracene	13.945	228	68324	10.423	ng	97
83) Chrysene	13.980	228	58026	9.175	ng	95
87) Indeno(1,2,3-cd)pyrene	16.868	276	30842	8.315	ng	98
88) Benzo(b)fluoranthene	14.992	252	66286m	10.073	ng	
89) Benzo(k)fluoranthene	15.021	252	27112m	4.352	ng	
90) Benzo(a)pyrene	15.357	252	50293	8.799	ng	94
91) Dibenzo(a,h)anthracene	16.868	278	10186m	5.721	ng	
92) Benzo(g,h,i)perylene	17.304	276	26729m	7.952	ng	

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

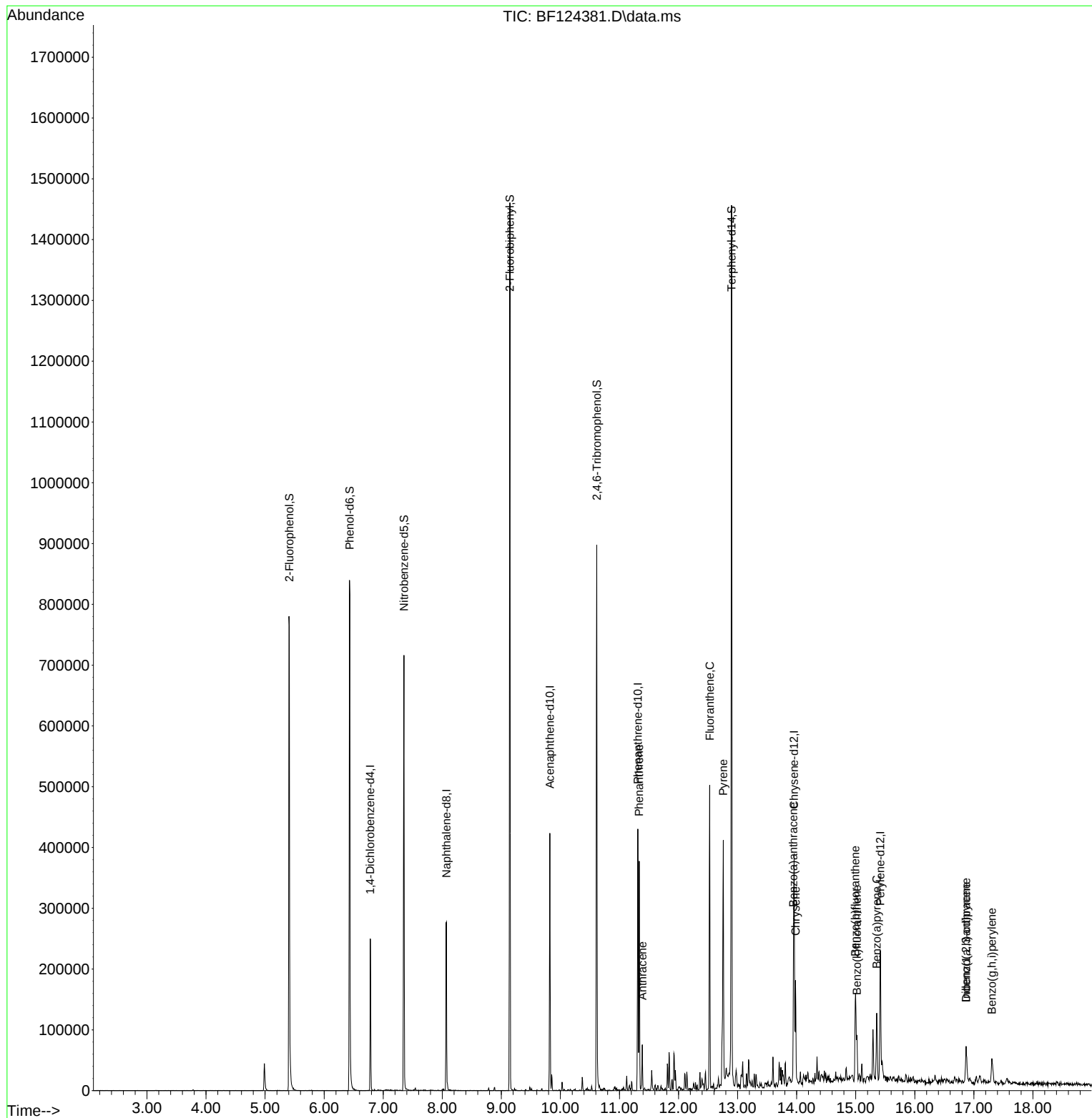
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124381.D
Acq On : 18 Jun 2021 19:05
Operator : JU/CG
Sample : M2749-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

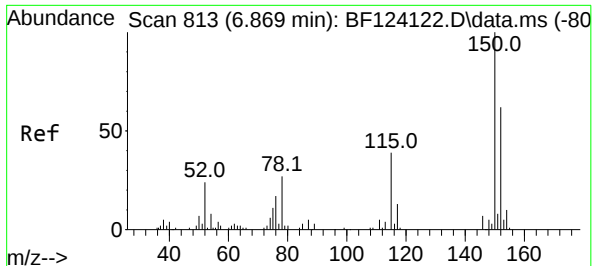
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0

Manual Integrations
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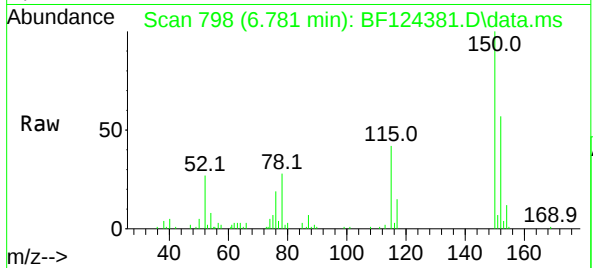
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Quant Time: Jun 18 23:17:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

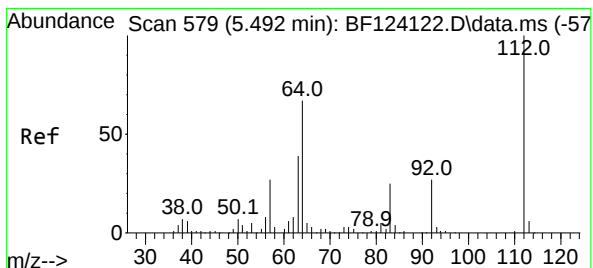
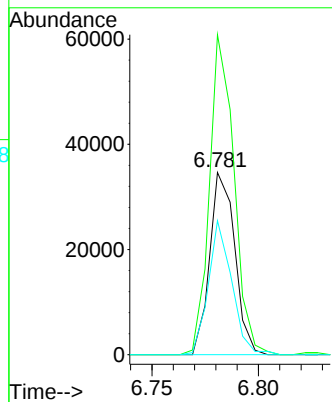
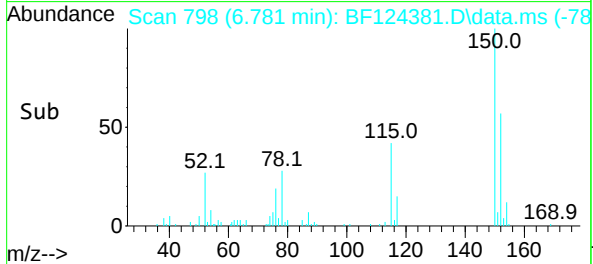




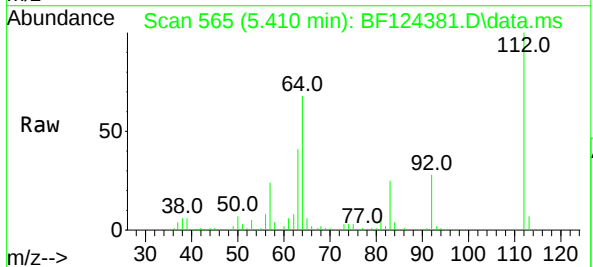
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



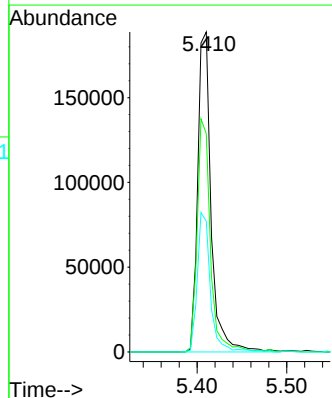
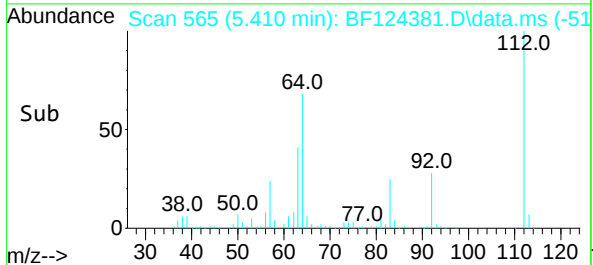
Tgt Ion:152 Resp: 28361
Ion Ratio Lower Upper
152 100
150 175.5 127.0 190.6
115 73.5 54.3 81.5



#5
2-Fluorophenol
Concen: 104.191 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



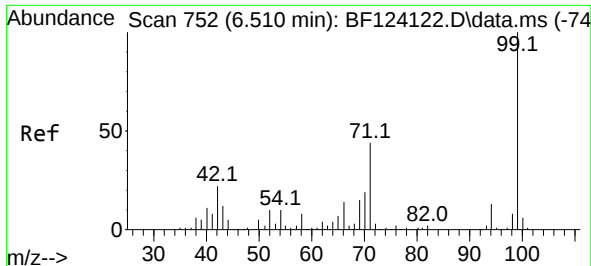
Tgt Ion:112 Resp: 196299
Ion Ratio Lower Upper
112 100
64 68.2 61.4 92.0
63 40.9 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0

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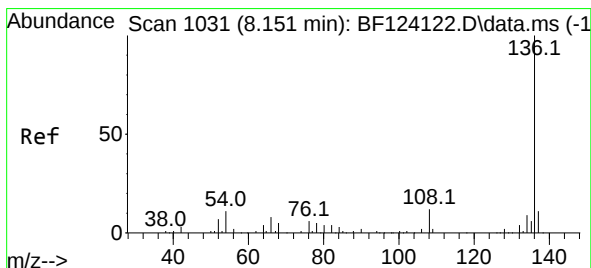
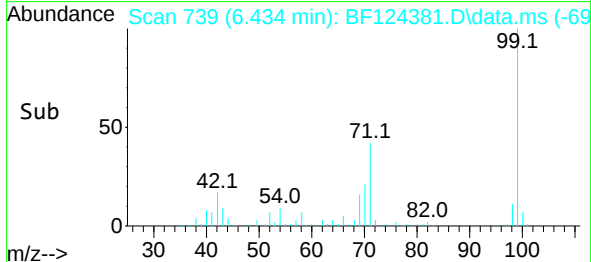
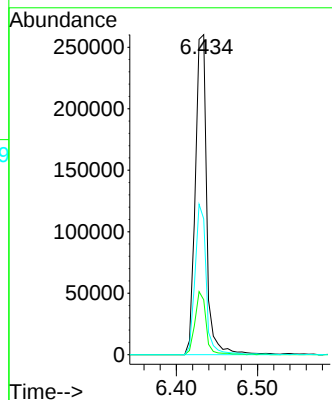
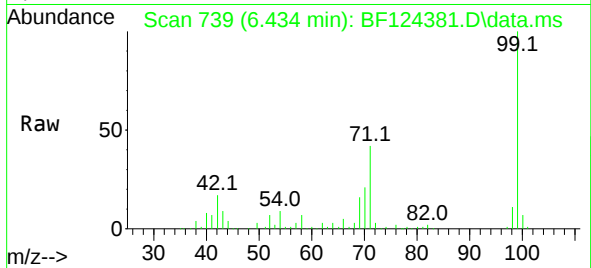
#7
Phenol-d6
Concen: 101.267 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

Tgt Ion: 99 Resp: 256450
Ion Ratio Lower Upper
99 100
42 17.2 19.8 29.8#
71 42.5 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0

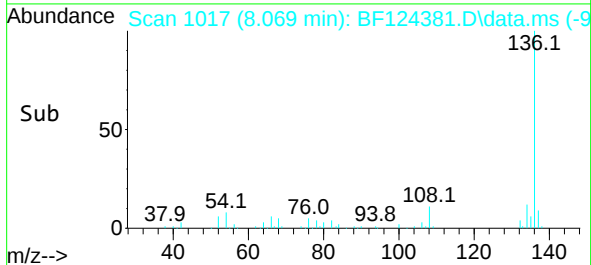
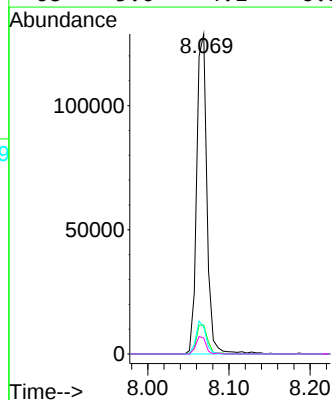
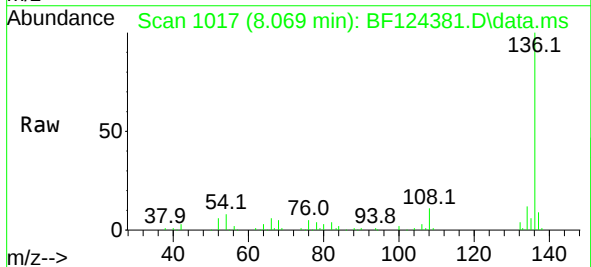
Manual Integrations
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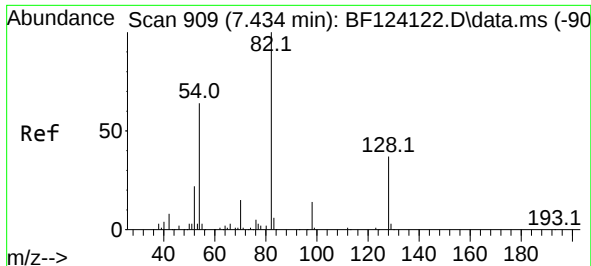
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

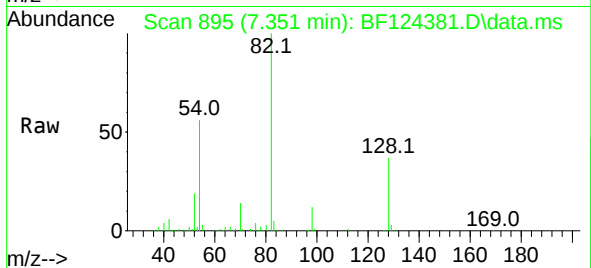
Tgt Ion: 136 Resp: 114055
Ion Ratio Lower Upper
136 100
137 9.0 8.7 13.1
54 8.4 9.8 14.6#
68 5.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 68.482 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

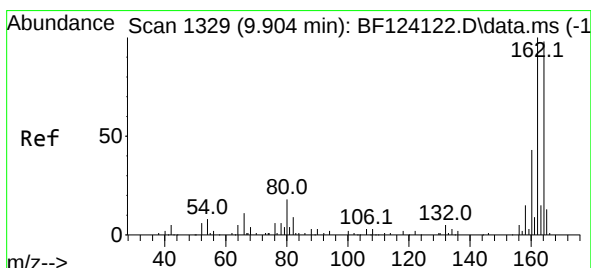
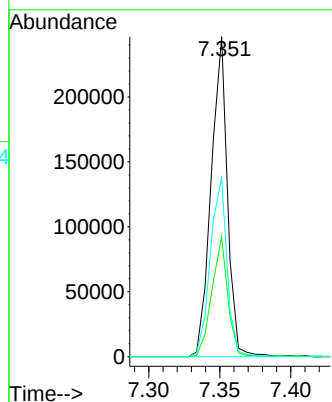
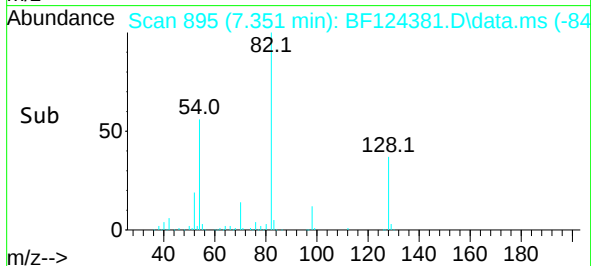
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0



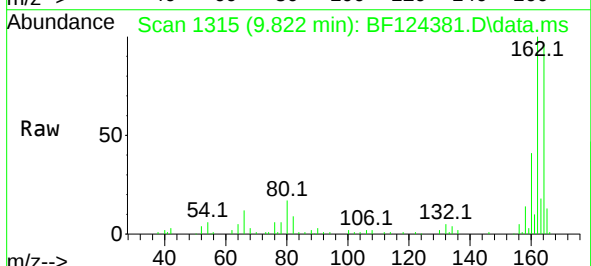
Tgt Ion: 82 Resp: 196935
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 55.8 54.1 81.1

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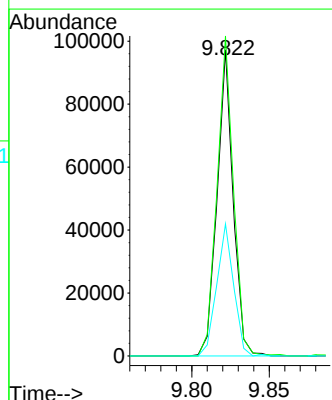
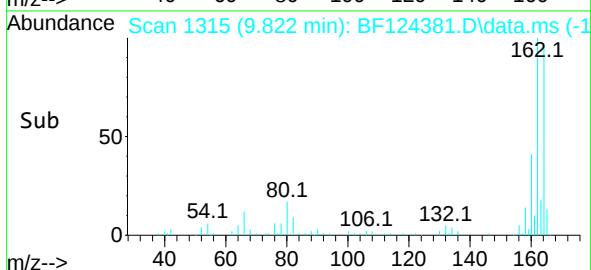
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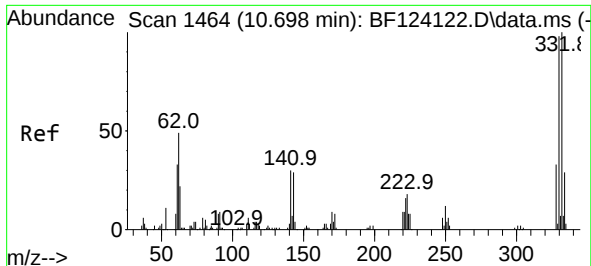


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



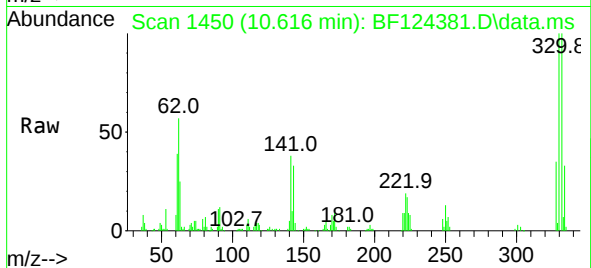
Tgt Ion: 164 Resp: 69878
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 43.2 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 91.648 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

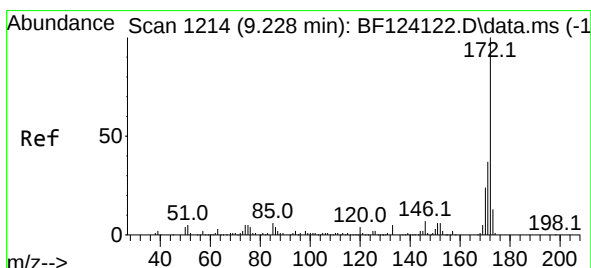
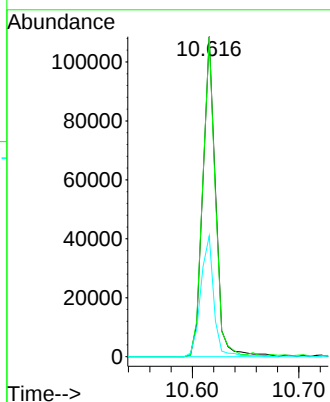
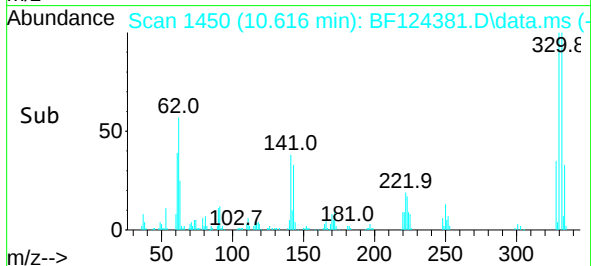
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ClientSampleId :
PP-01_4.5-5.0



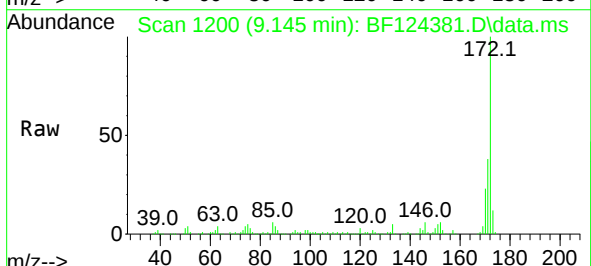
Tgt Ion: 330 Resp: 90732
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.0 27.9 41.9

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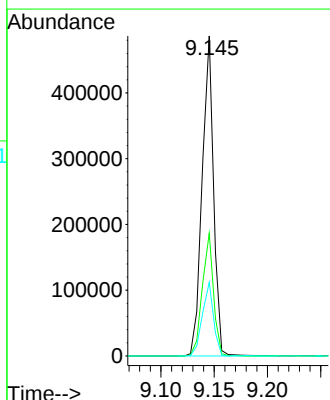
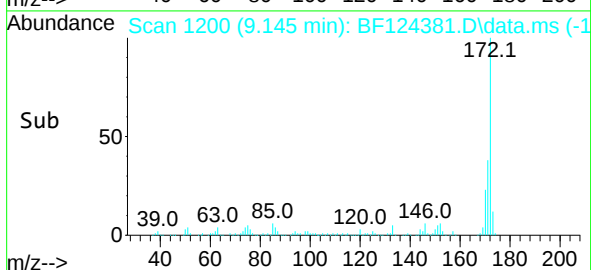
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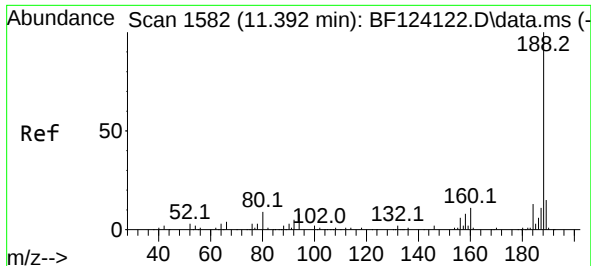


#45
2-Fluorobiphenyl
Concen: 65.794 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



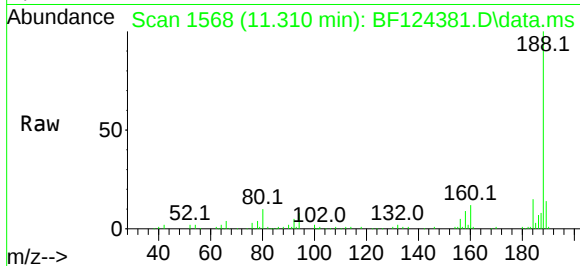
Tgt Ion: 172 Resp: 365357
Ion Ratio Lower Upper
172 100
171 38.4 28.1 42.1
170 23.0 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

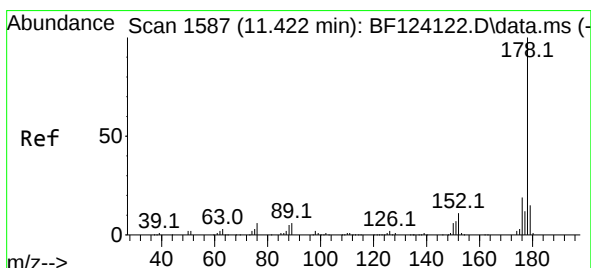
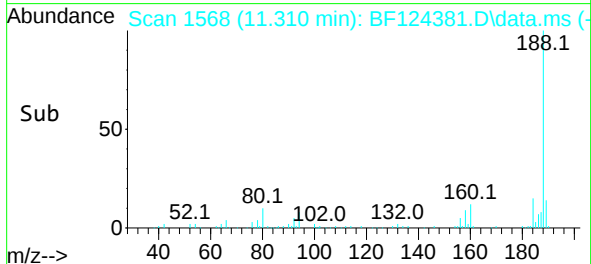
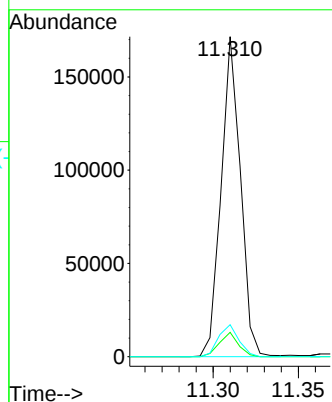
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ClientSampleId :
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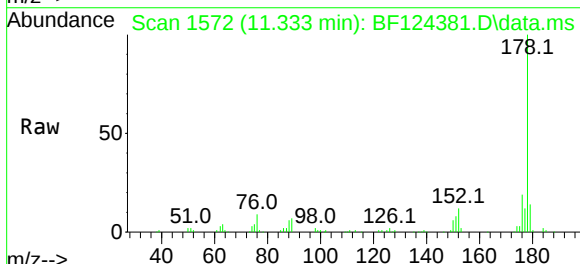
Tgt Ion:188 Resp: 135696
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 10.0 8.2 12.2

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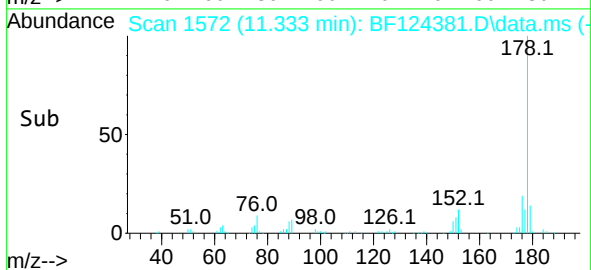
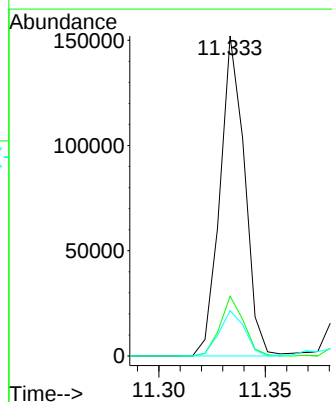
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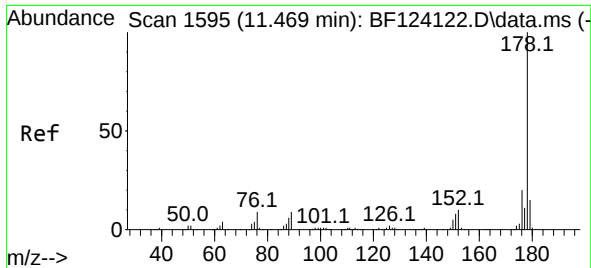


#71
Phenanthrene
Concen: 14.386 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



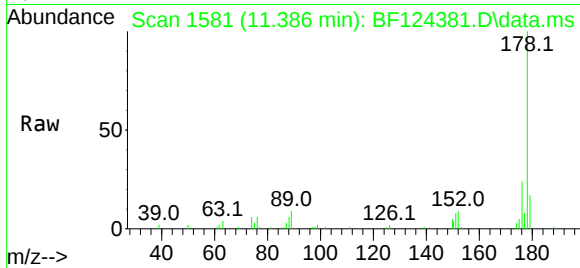
Tgt Ion:178 Resp: 121948
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 14.1 12.5 18.7





#72
 Anthracene
 Concen: 2.961 ng m
 RT: 11.386 min Scan# 1581
 Delta R.T. -0.012 min
 Lab File: BF124381.D
 Acq: 18 Jun 2021 19:05

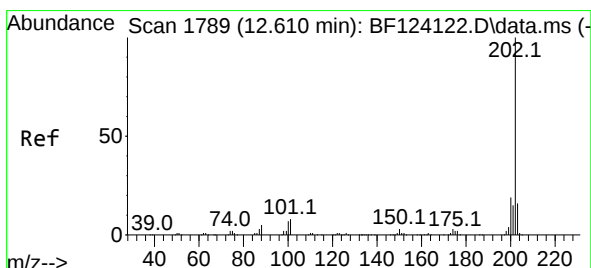
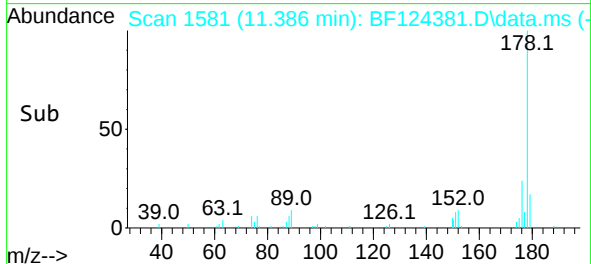
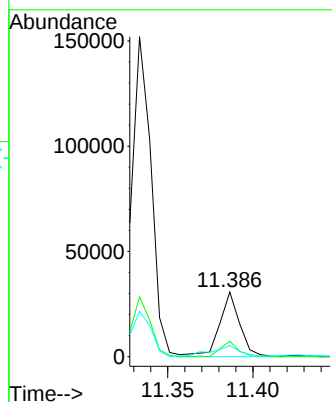
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 179 17.0 12.6 18.8

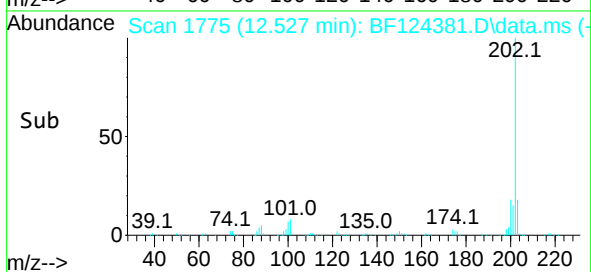
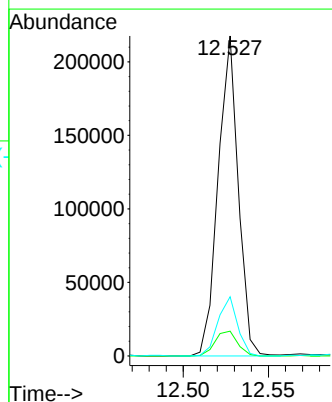
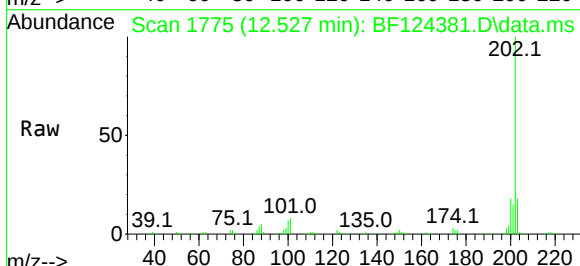
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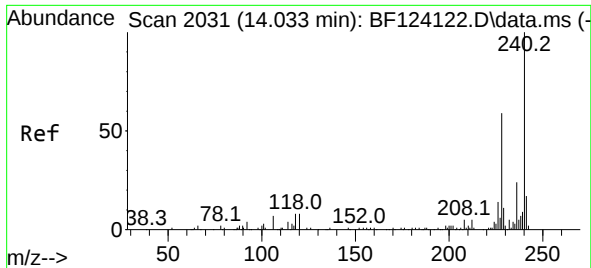
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#75
 Fluoranthene
 Concen: 20.129 ng
 RT: 12.527 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: BF124381.D
 Acq: 18 Jun 2021 19:05

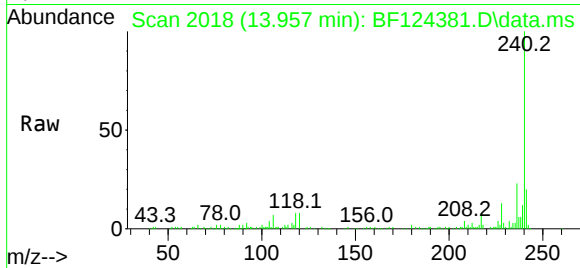
Tgt Ion:202 Resp: 179101
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 30.9
 203 18.5 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

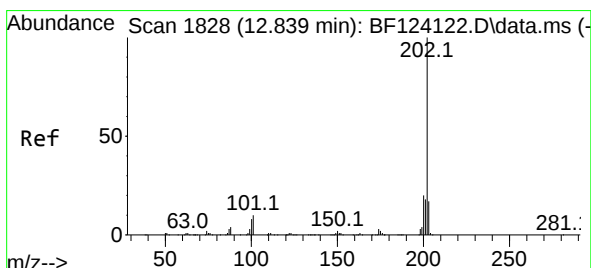
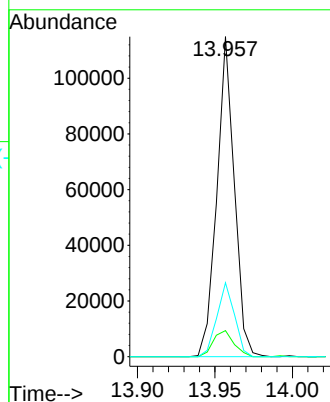
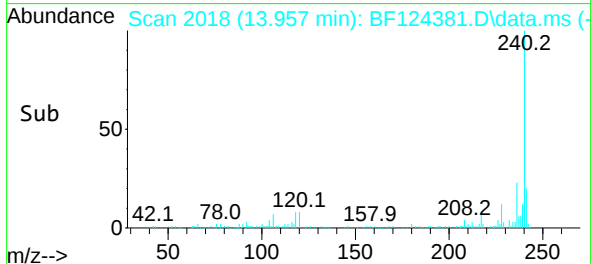
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0



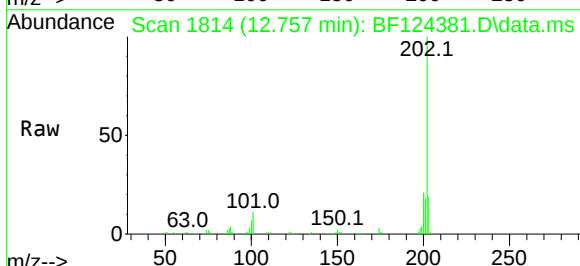
Tgt Ion:240 Resp: 89979
Ion Ratio Lower Upper
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120 8.2 7.2 10.8
236 23.1 19.0 28.4

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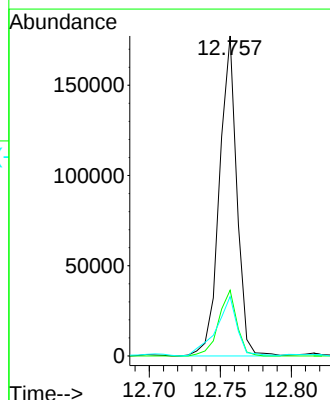
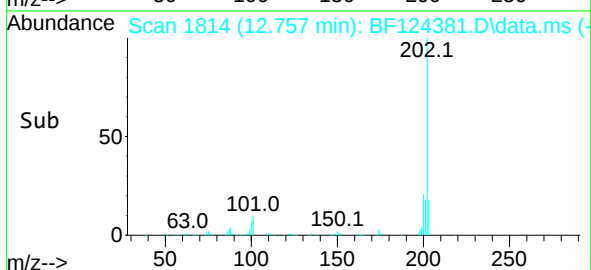
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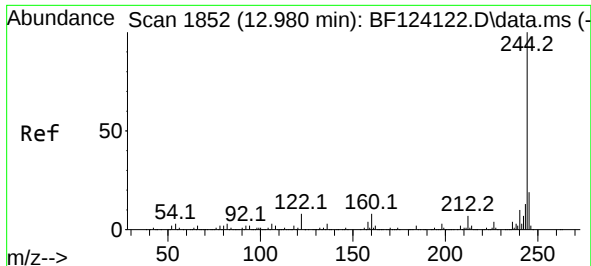


#78
Pyrene
Concen: 17.484 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



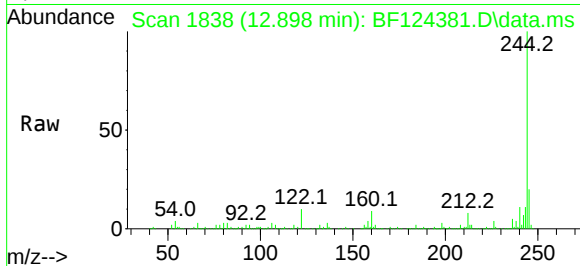
Tgt Ion:202 Resp: 151064
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 18.6 14.8 22.2





#79
Terphenyl-d14
Concen: 63.244 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

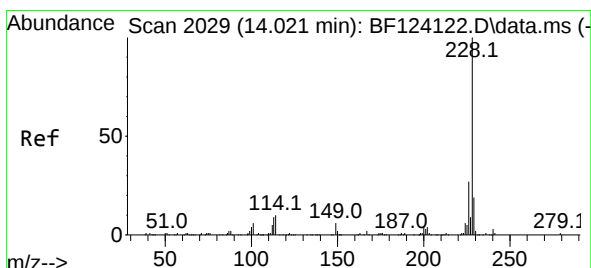
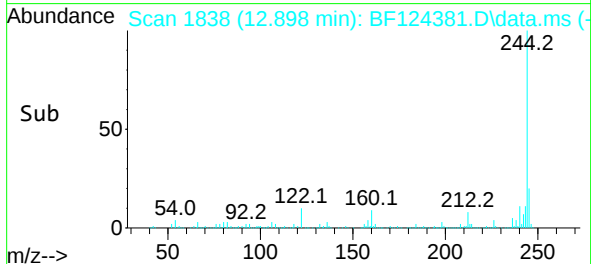
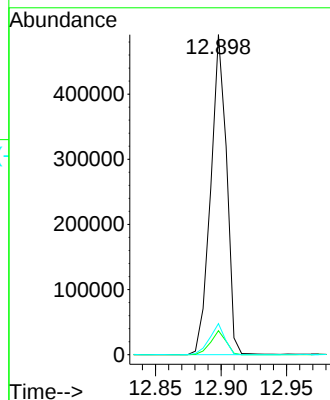
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0



Tgt Ion:244 Resp: 414478
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.7 9.7 14.5

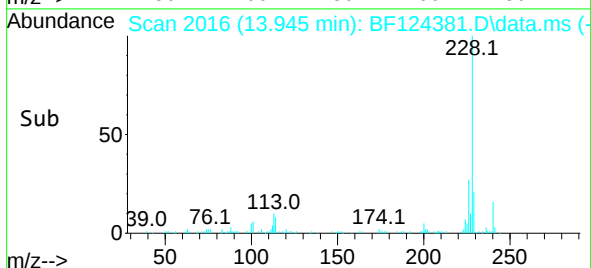
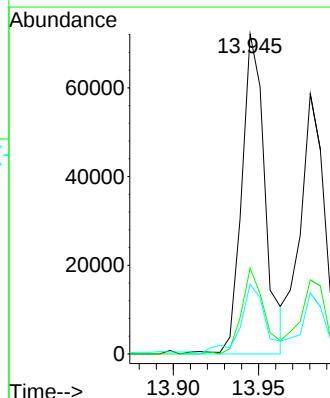
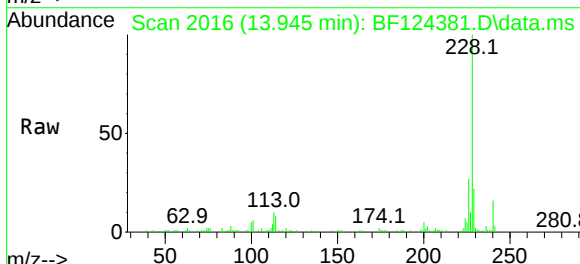
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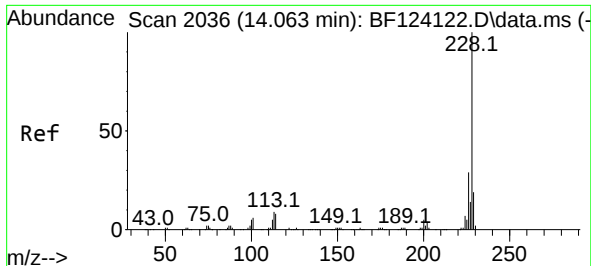
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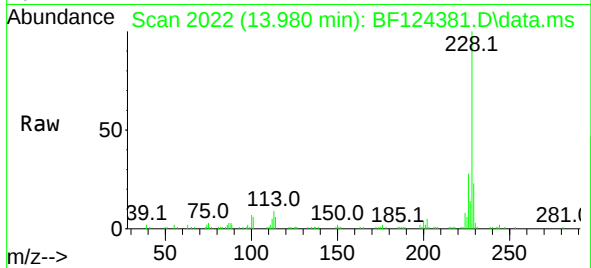
#81
Benzo(a)anthracene
Concen: 10.423 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

Tgt Ion:228 Resp: 68324
Ion Ratio Lower Upper
228 100
226 26.8 22.4 33.6
229 21.7 16.0 24.0

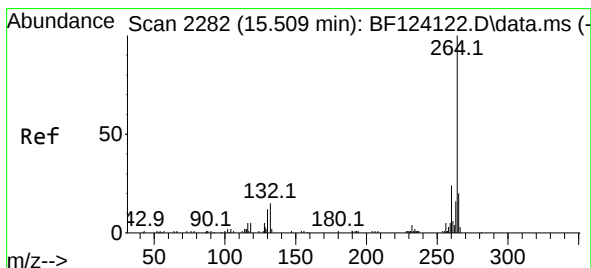
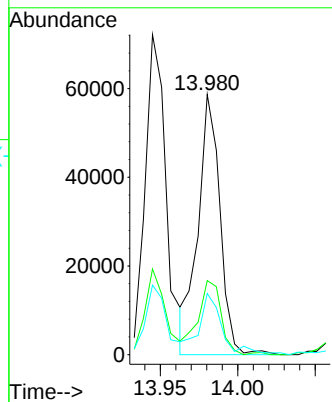
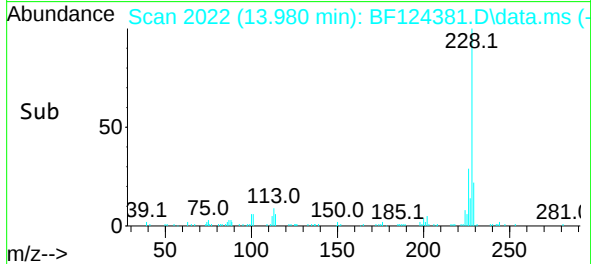




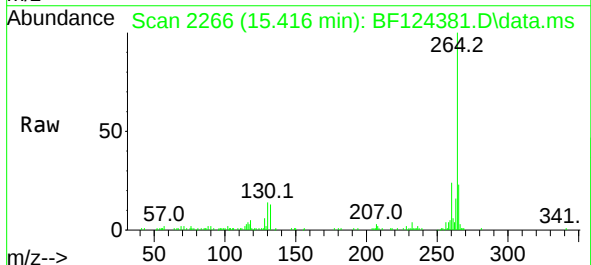
#83
Chrysene
Concen: 9.175 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



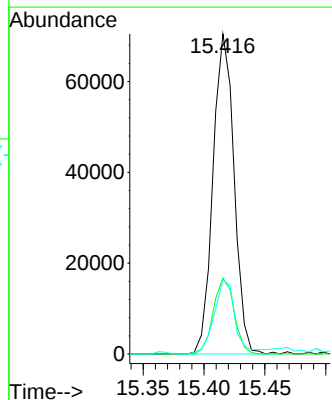
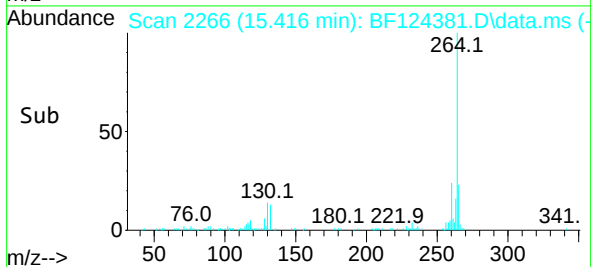
Tgt Ion:228 Resp: 58026
Ion Ratio Lower Upper
228 100
226 28.4 24.3 36.5
229 23.5 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



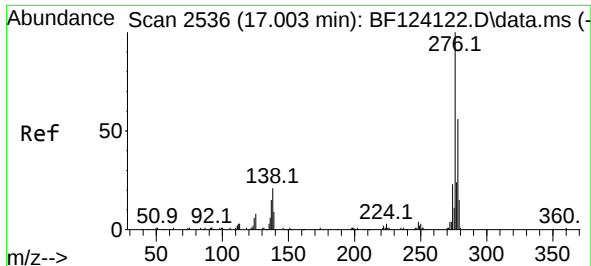
Tgt Ion:264 Resp: 84709
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 23.2 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0

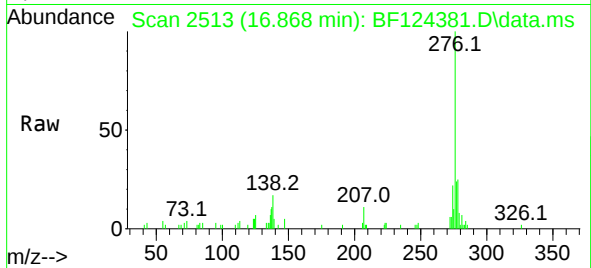
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.315 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

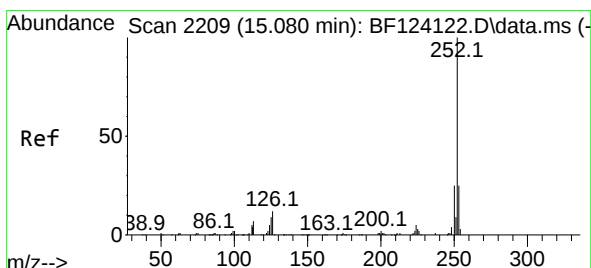
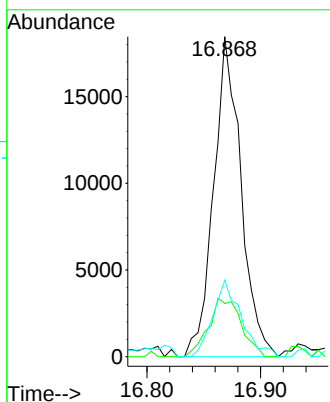
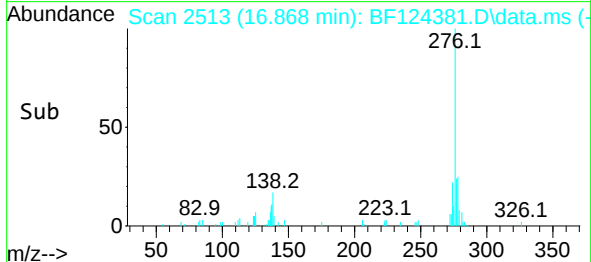
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0



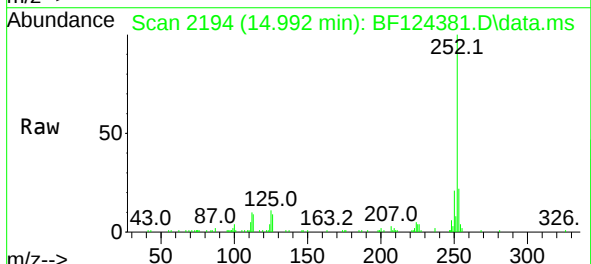
Tgt Ion: 276 Resp: 30842
Ion Ratio Lower Upper
276 100
138 21.7 16.2 24.2
277 24.8 20.1 30.1

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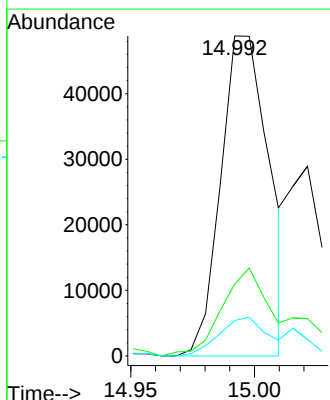
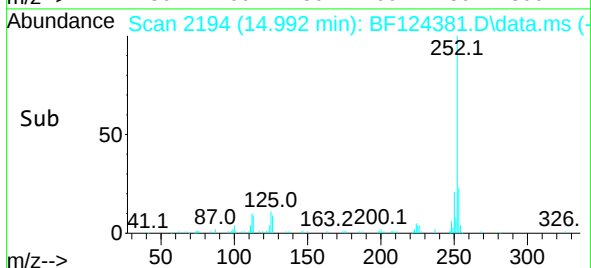
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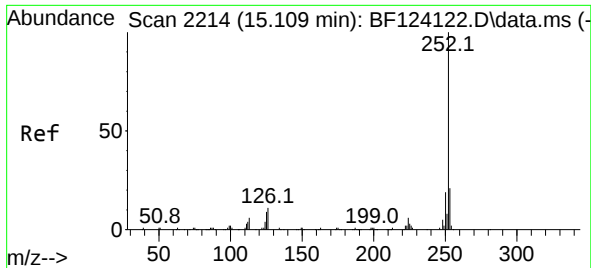


#88
Benzo(b)fluoranthene
Concen: 10.073 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



Tgt Ion: 252 Resp: 66286
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.1 6.2 9.4#





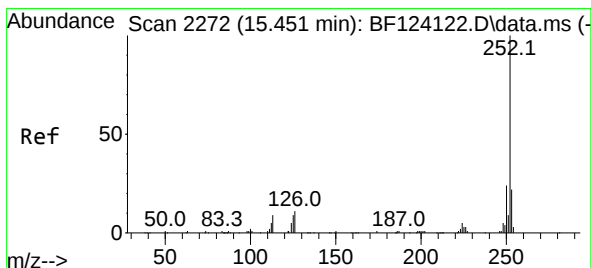
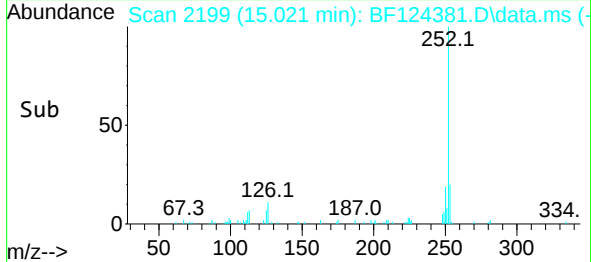
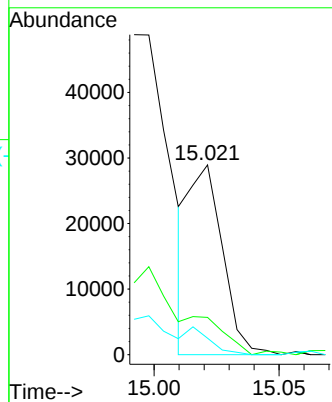
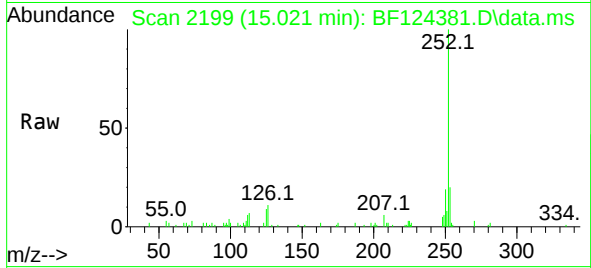
#89
Benzo(k)fluoranthene
Concen: 4.352 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

Tgt Ion:252 Resp: 27112
Ion Ratio Lower Upper
252 100
253 19.6 17.9 26.9
125 8.7 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0

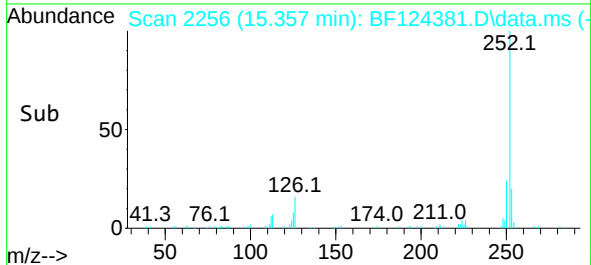
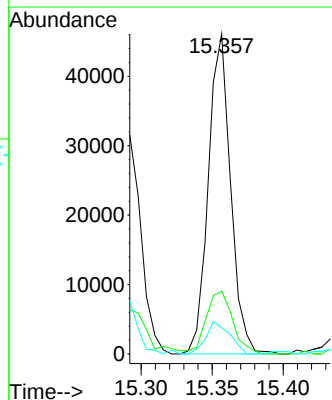
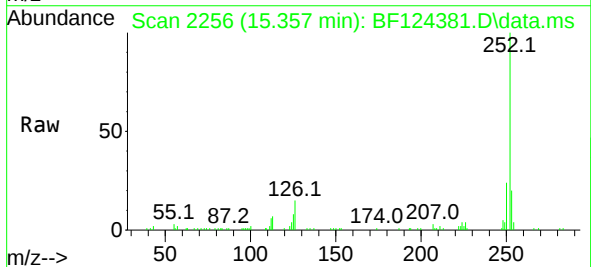
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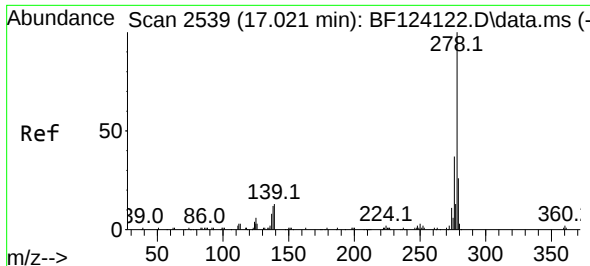
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#90
Benzo(a)pyrene
Concen: 8.799 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

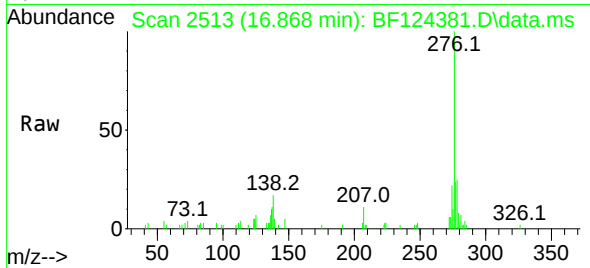
Tgt Ion:252 Resp: 50293
Ion Ratio Lower Upper
252 100
253 19.6 18.4 27.6
125 8.1 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 5.721 ng m
RT: 16.868 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05

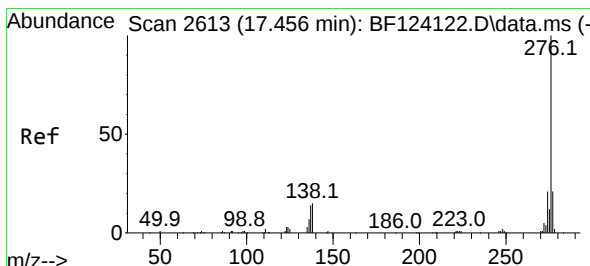
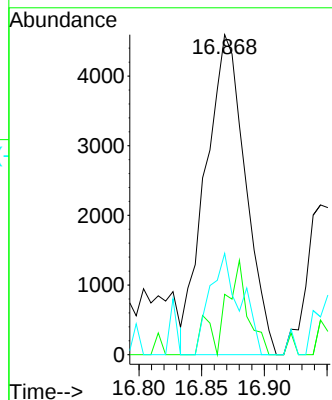
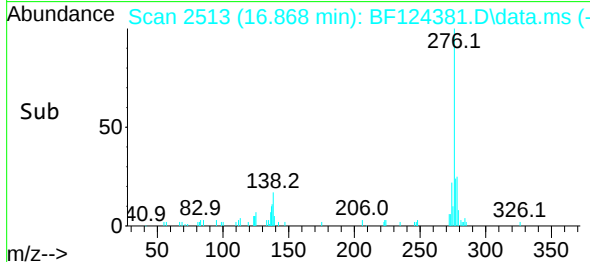
Instrument :
BNA_F
ClientSampleId :
PP-01_4.5-5.0



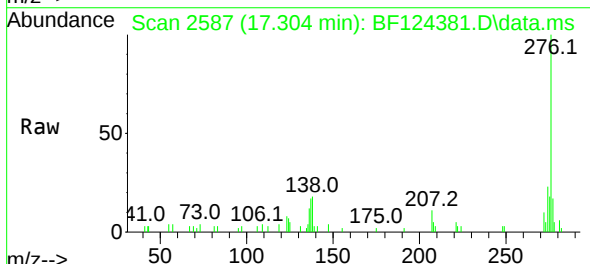
Tgt Ion:278 Resp: 10186
Ion Ratio Lower Upper
278 100
139 18.9 10.2 15.2#
279 31.6 19.4 29.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.952 ng m
RT: 17.304 min Scan# 2587
Delta R.T. -0.012 min
Lab File: BF124381.D
Acq: 18 Jun 2021 19:05



Tgt Ion:276 Resp: 26729
Ion Ratio Lower Upper
276 100
277 17.0 18.2 27.2#
138 18.1 13.8 20.6

