

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124361.D
 Acq On : 17 Jun 2021 14:07
 Operator : JU/CG
 Sample : M2746-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-DORP-2

Manual Integrations
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Quant Time: Jun 17 14:34:14 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	33262	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	130071	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	77715	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	128705	20.000	ng	0.00
76) Chrysene-d12	13.957	240	95186	20.000	ng	0.00
86) Perylene-d12	15.415	264	74700	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	237848	107.643	ng	0.00
7) Phenol-d6	6.434	99	299506	100.842	ng	-0.01
23) Nitrobenzene-d5	7.351	82	223265	68.078	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	96244	87.412	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	399363	64.665	ng	0.00
79) Terphenyl-d14	12.898	244	355984	51.347	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	17155	2.134	ng	97
75) Fluoranthene	12.527	202	76520	9.067	ng	93
78) Pyrene	12.757	202	67686	7.405	ng	98
81) Benzo(a)anthracene	13.945	228	43986	6.343	ng	95
83) Chrysene	13.980	228	35153	5.254	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	14913	6.517	ng	# 88
88) Benzo(b)fluoranthene	14.992	252	52964m	9.127	ng	
89) Benzo(k)fluoranthene	15.021	252	17364m	3.161	ng	
90) Benzo(a)pyrene	15.351	252	31163m	6.183	ng	
91) Dibenzo(a,h)anthracene	16.862	278	5055	5.045	ng	# 88
92) Benzo(g,h,i)perylene	17.303	276	13887	6.249	ng	# 83

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

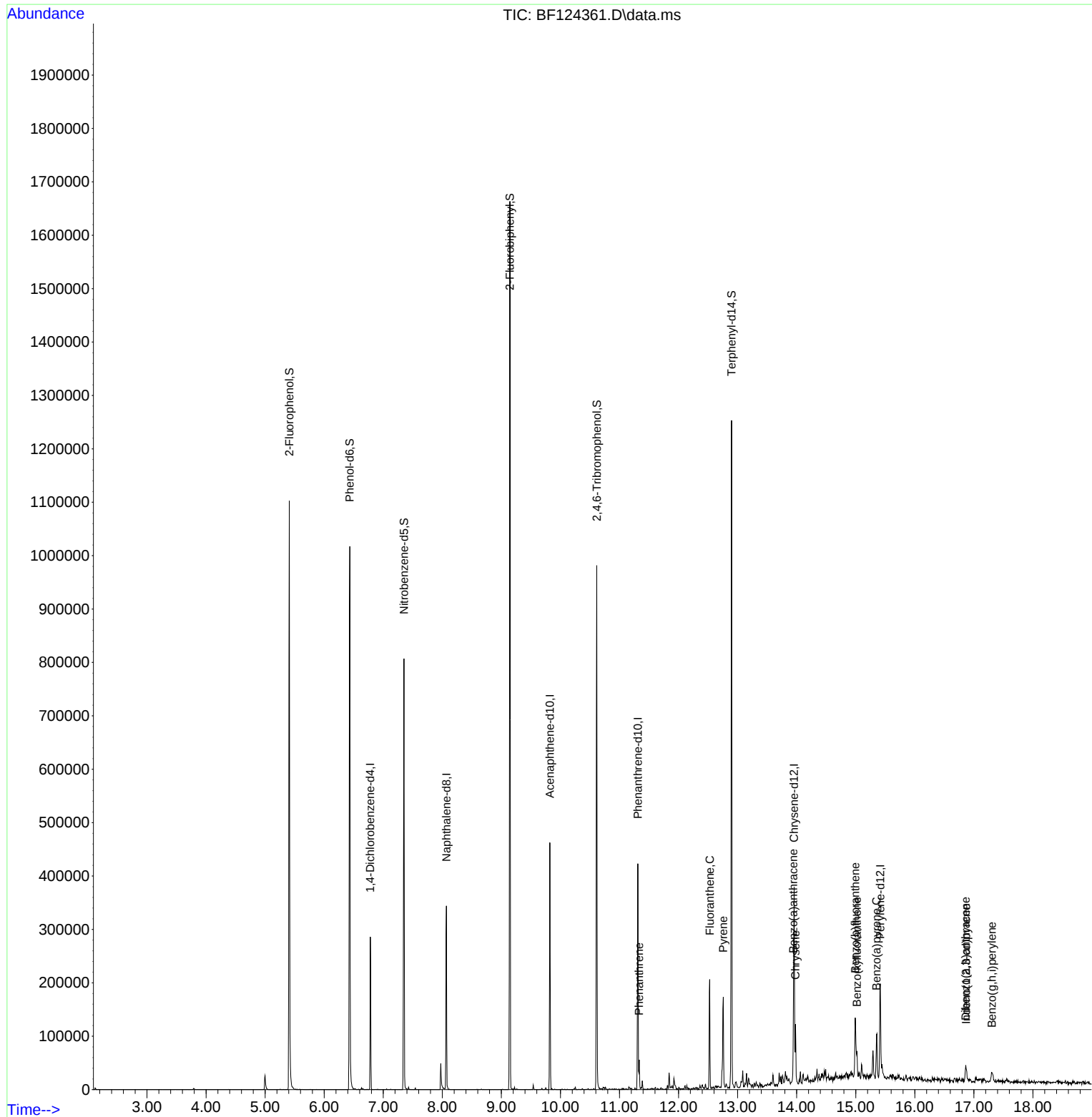
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Data File : BF124361.D
Acq On : 17 Jun 2021 14:07
Operator : JU/CG
Sample : M2746-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

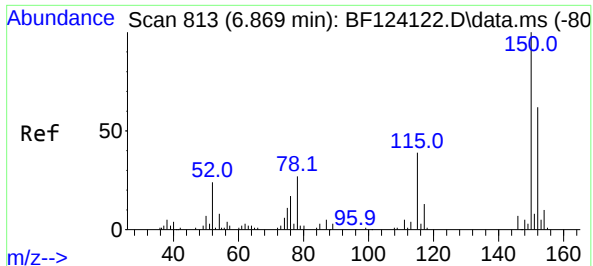
Instrument :
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ClientSampleId :
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Quant Time: Jun 17 14:34:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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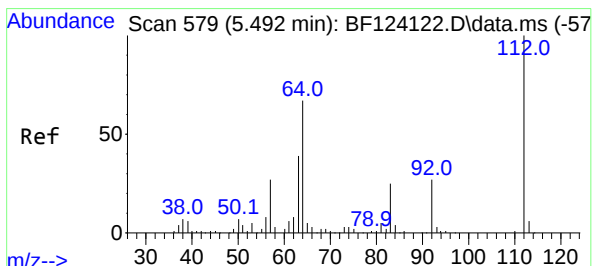
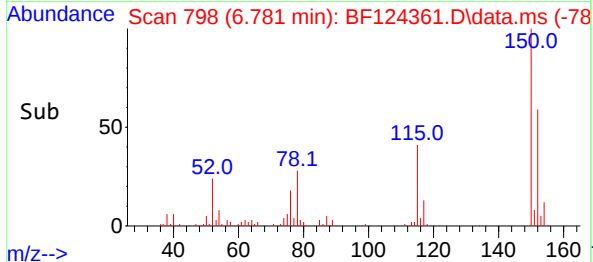
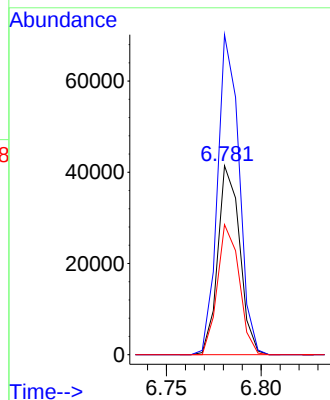
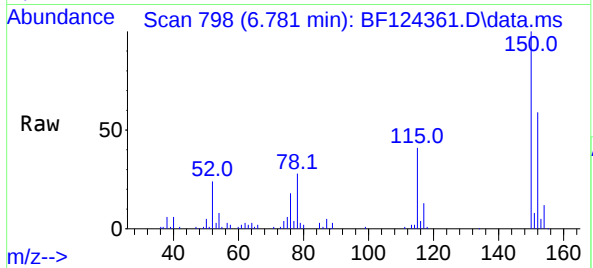
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:	152	Resp:	33262
Ion Ratio	Lower	Upper	
152	100		
150	169.4	127.0	190.6
115	68.9	54.3	81.5

Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

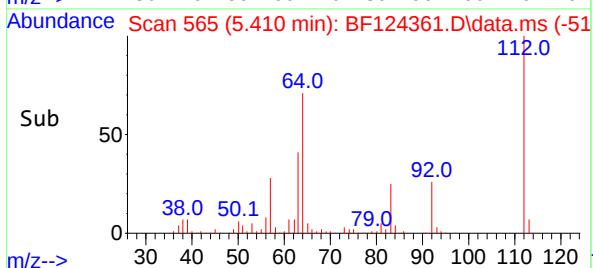
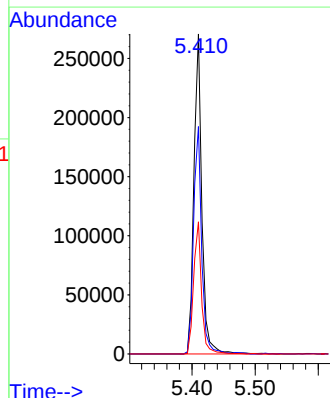
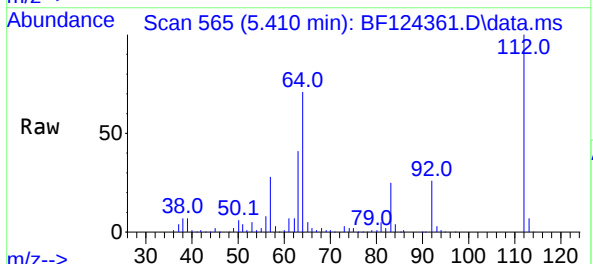
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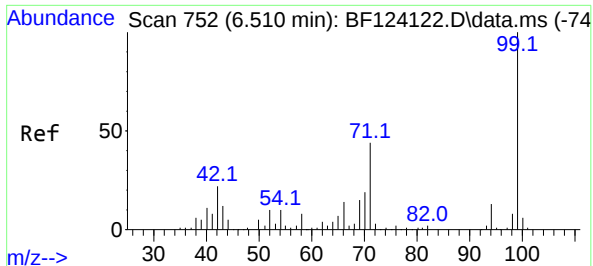
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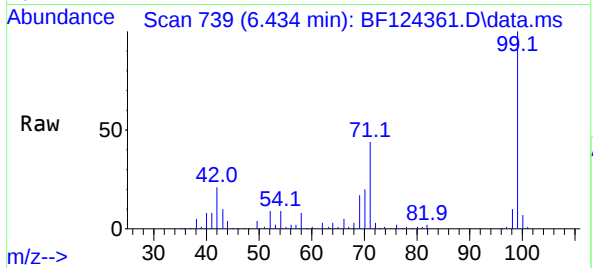
#5
2-Fluorophenol
Concen: 107.643 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:	112	Resp:	237848
Ion Ratio	Lower	Upper	
112	100		
64	71.0	61.4	92.0
63	41.3	33.0	49.4

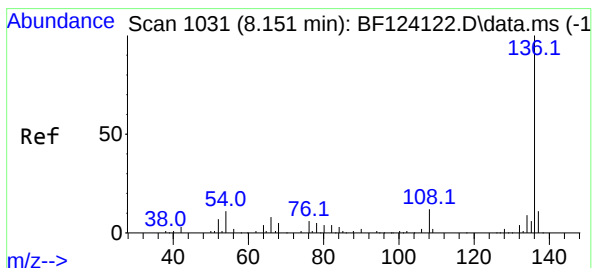
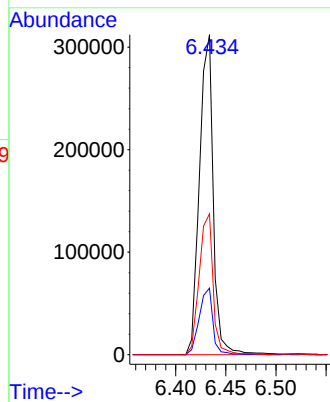
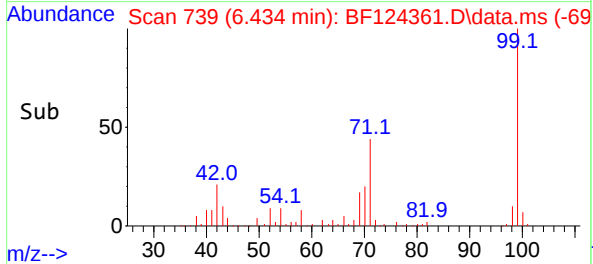




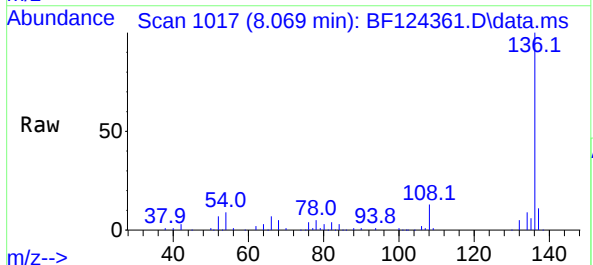
#7
Phenol-d6
Concen: 100.842 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



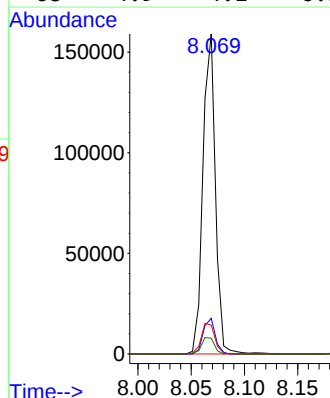
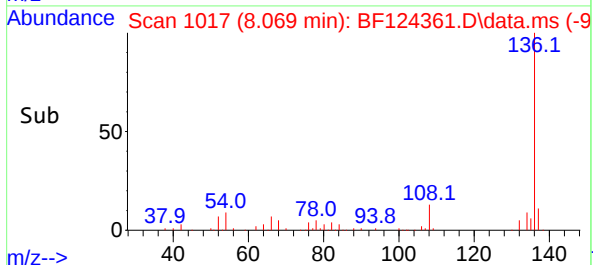
Tgt Ion: 99 Resp: 299506
Ion Ratio Lower Upper
99 100
42 20.8 19.8 29.8
71 44.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



Tgt Ion: 136 Resp: 130071
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.0 9.8 14.6#
68 4.9 4.1 6.1



Instrument :
BNA_F
ClientSampleId :
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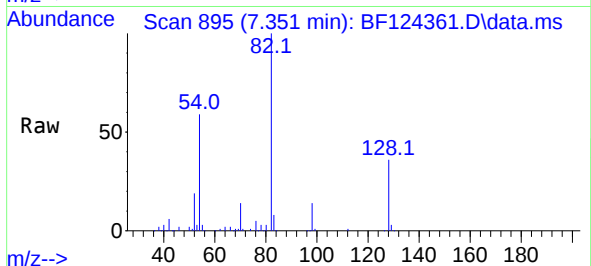
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#23
Nitrobenzene-d5
Concen: 68.078 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

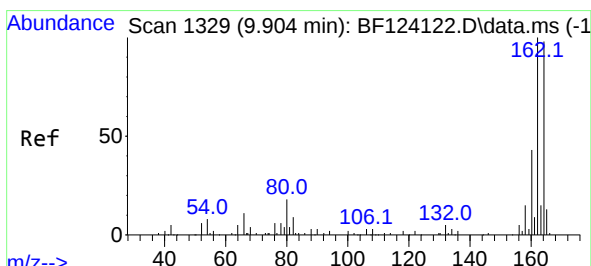
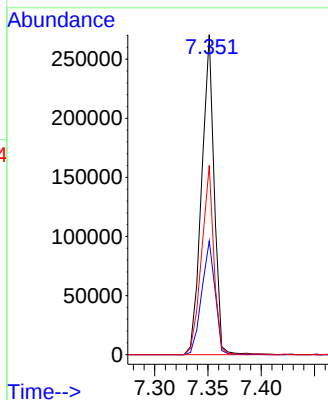
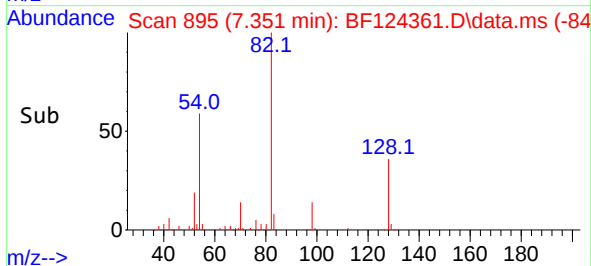
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BNA_F
ClientSampleId :
NEW-DORP-2



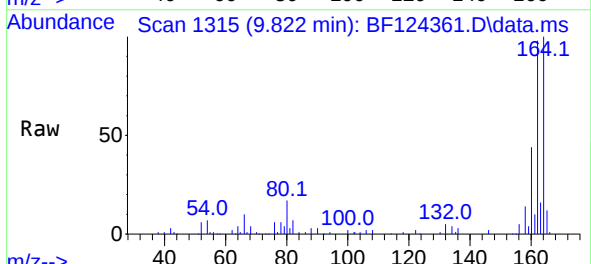
Tgt Ion: 82 Resp: 223265
Ion Ratio Lower Upper
82 100
128 35.6 29.4 44.2
54 59.2 54.1 81.1

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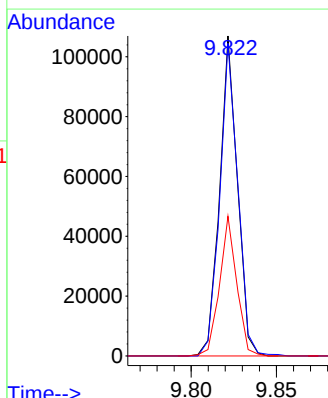
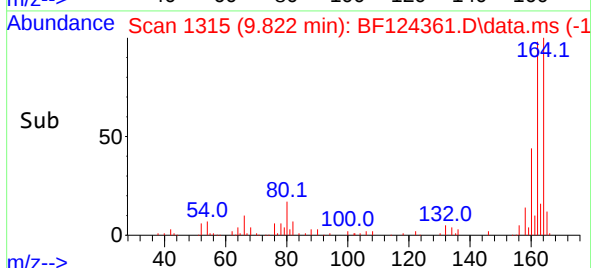
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



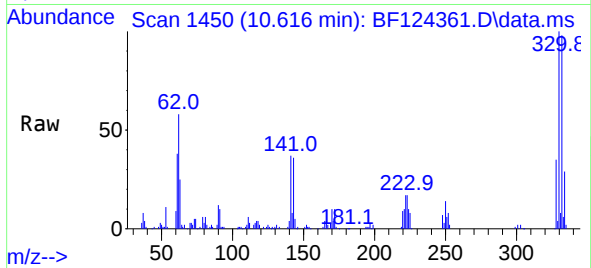
Tgt Ion: 164 Resp: 77715
Ion Ratio Lower Upper
164 100
162 97.7 80.7 121.1
160 43.6 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 87.412 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

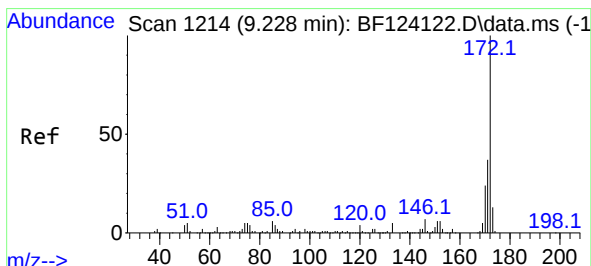
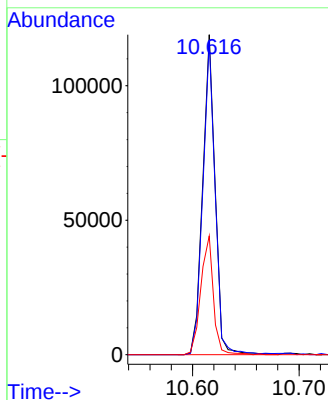
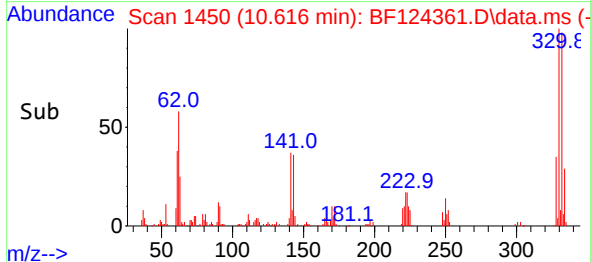
Instrument :
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ClientSampleId :
NEW-DORP-2



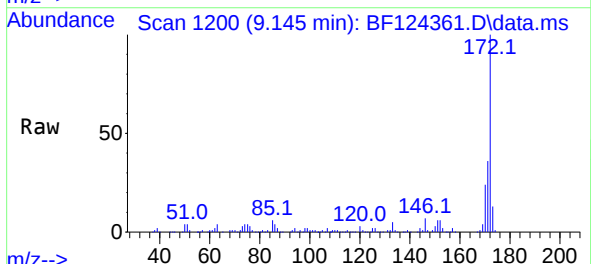
Tgt Ion: 330 Resp: 96244
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.9 27.9 41.9

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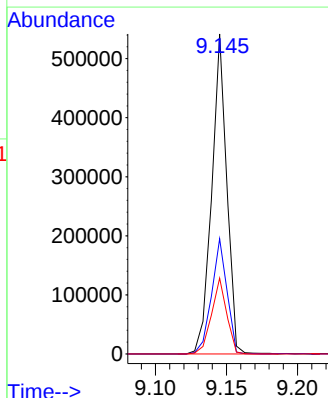
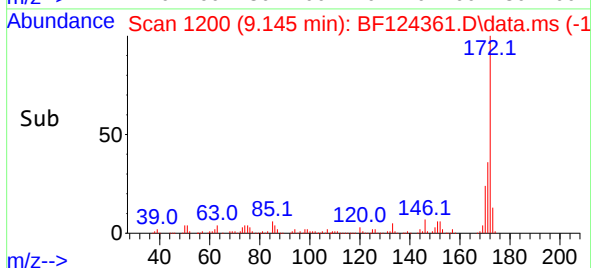
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#45
2-Fluorobiphenyl
Concen: 64.665 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



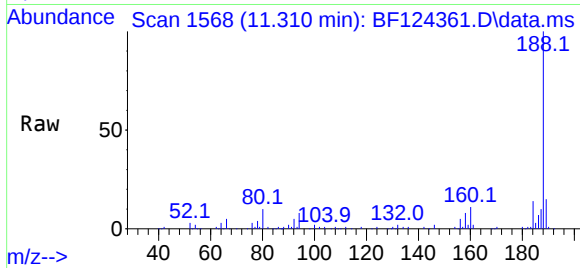
Tgt Ion: 172 Resp: 399363
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.7 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

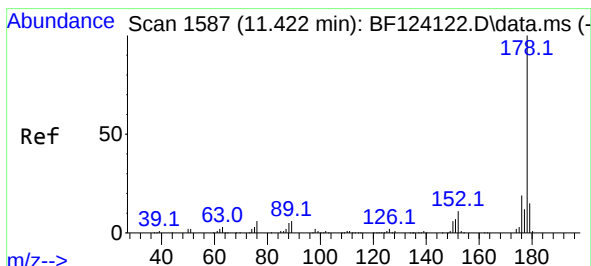
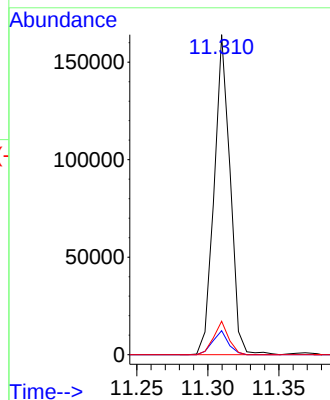
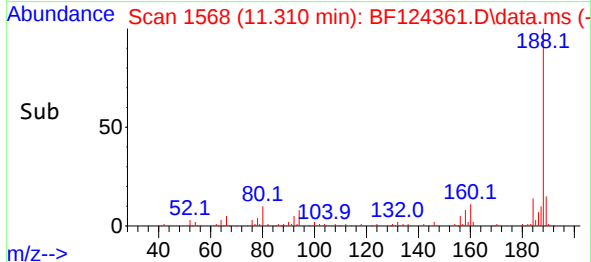
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ClientSampleId :
NEW-DORP-2



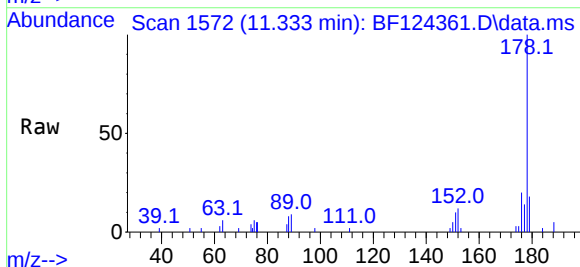
Tgt Ion:188 Resp: 128705
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 10.4 8.2 12.2

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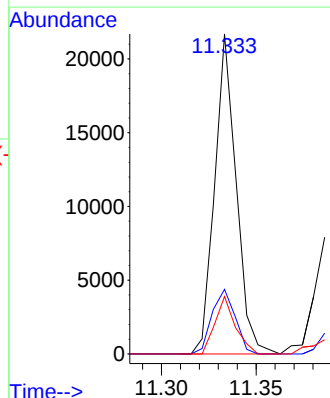
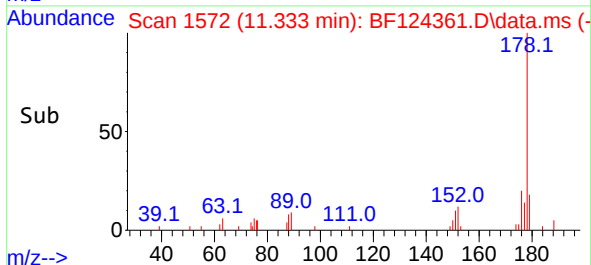
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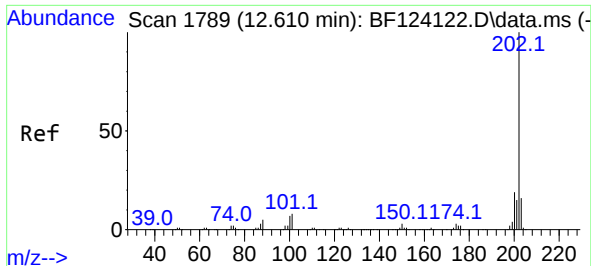


#71
Phenanthrene
Concen: 2.134 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

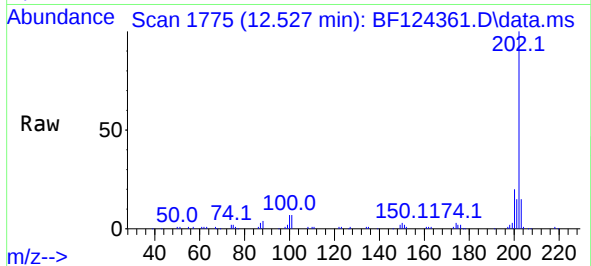


Tgt Ion:178 Resp: 17155
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 18.0 12.5 18.7

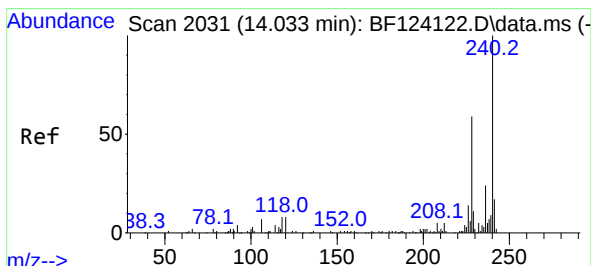
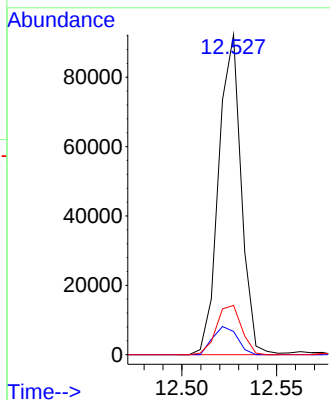
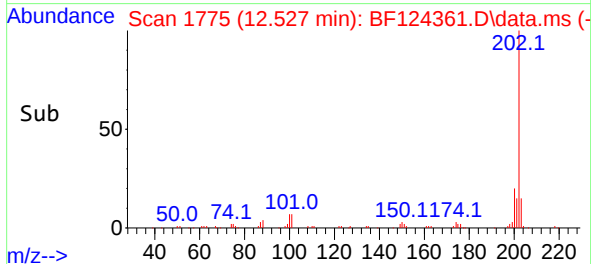




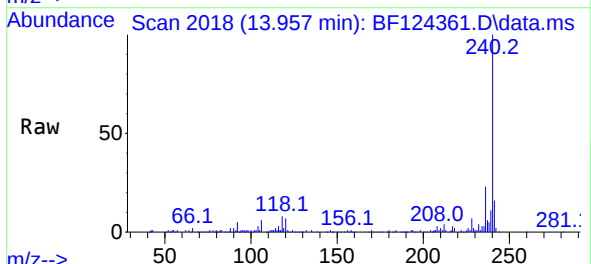
#75
Fluoranthene
Concen: 9.067 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



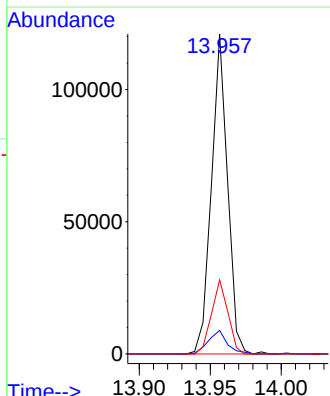
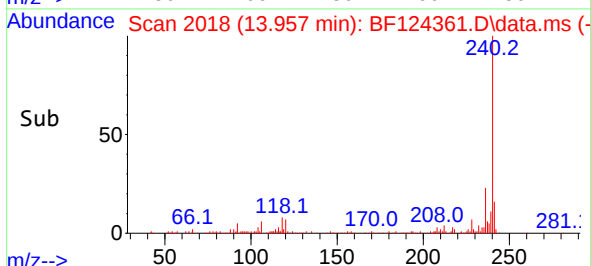
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Ion Ratio Lower Upper
202 100
101 7.3 0.0 30.9
203 15.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



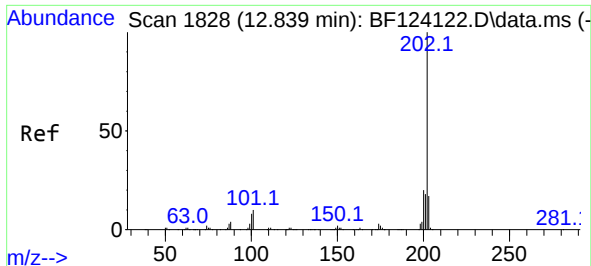
Tgt Ion: 240 Resp: 95186
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 23.2 19.0 28.4



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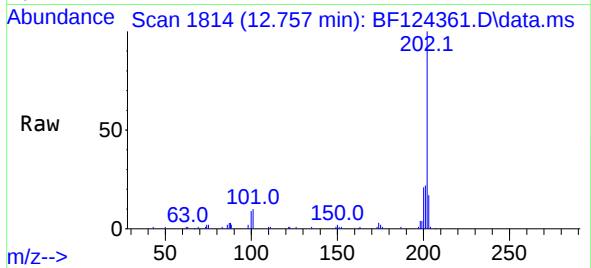
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#78
Pyrene
Concen: 7.405 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

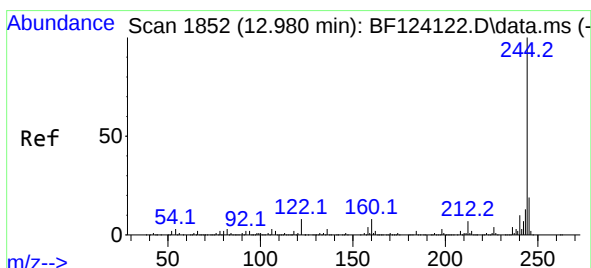
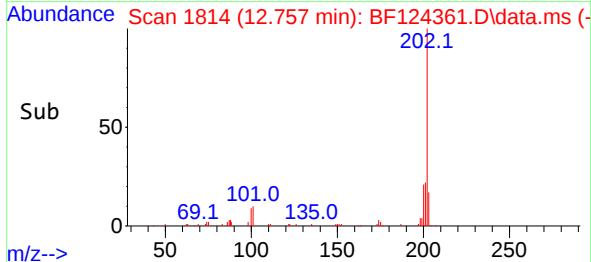
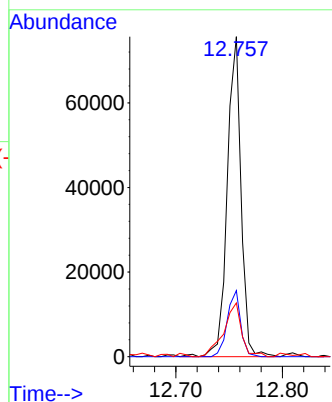
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2



Tgt Ion:202 Resp: 67686
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 16.8 14.8 22.2

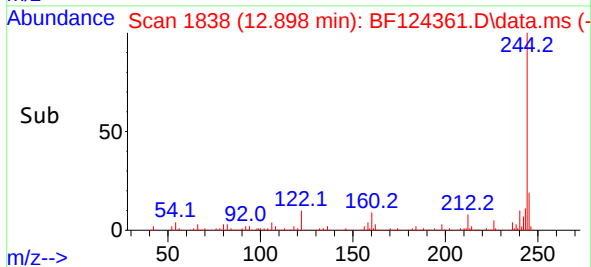
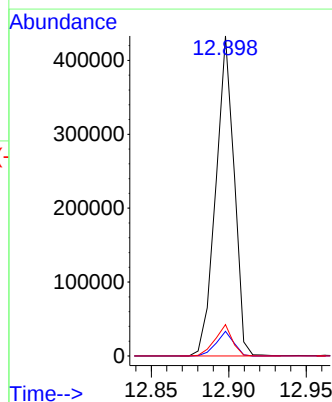
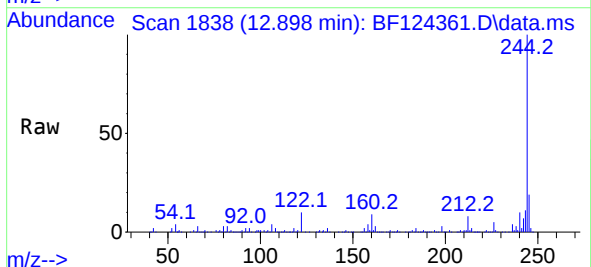
Manual Integrations
APPROVED

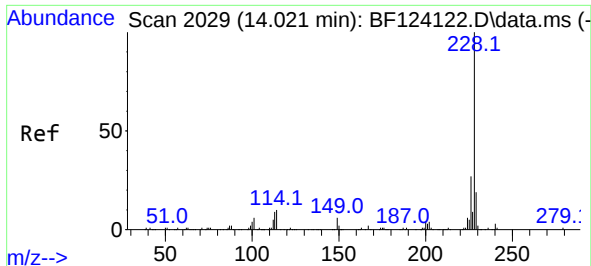
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#79
Terphenyl-d14
Concen: 51.347 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

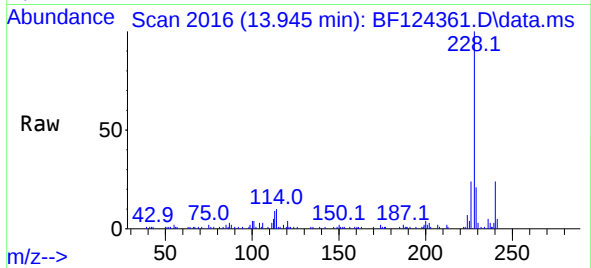
Tgt Ion:244 Resp: 355984
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.8 9.7 14.5





#81
Benzo(a)anthracene
Concen: 6.343 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

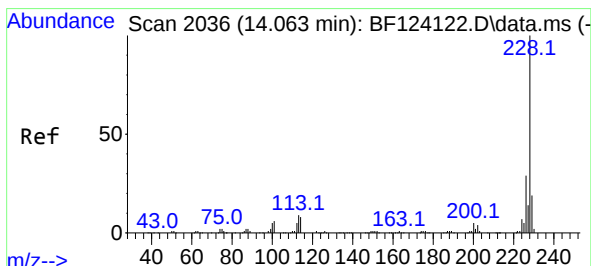
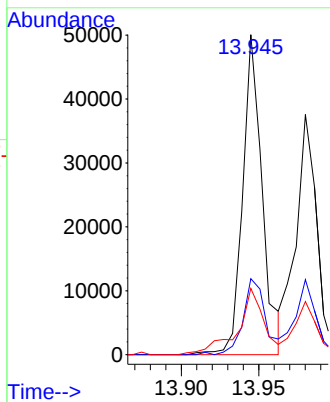
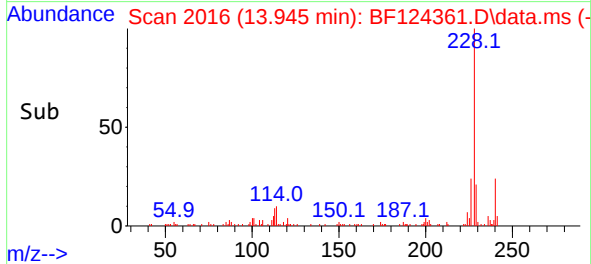
Instrument :
BNA_F
ClientSampled :
NEW-DORP-2



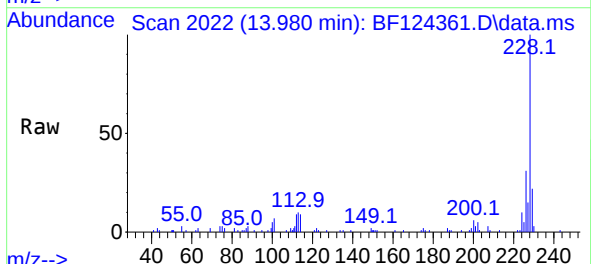
Tgt Ion:228 Resp: 43986
Ion Ratio Lower Upper
228 100
226 23.7 22.4 33.6
229 20.7 16.0 24.0

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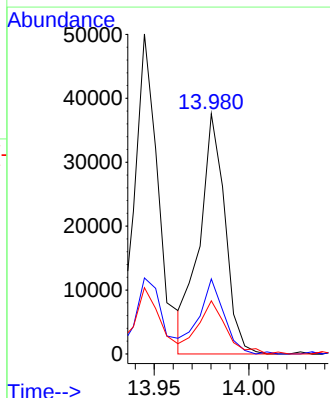
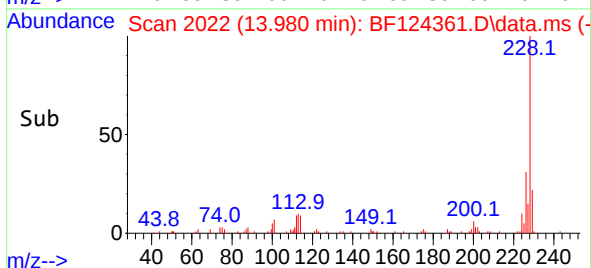
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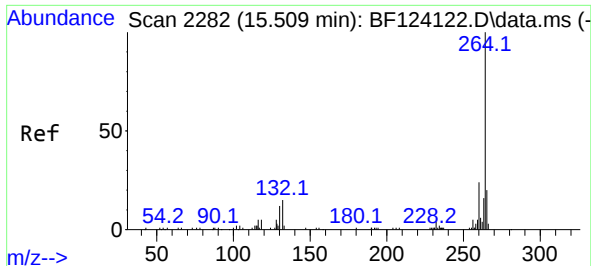


#83
Chrysene
Concen: 5.254 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



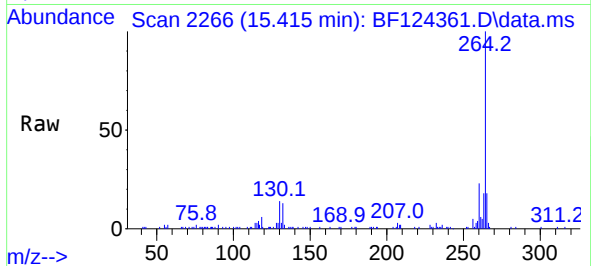
Tgt Ion:228 Resp: 35153
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 22.1 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

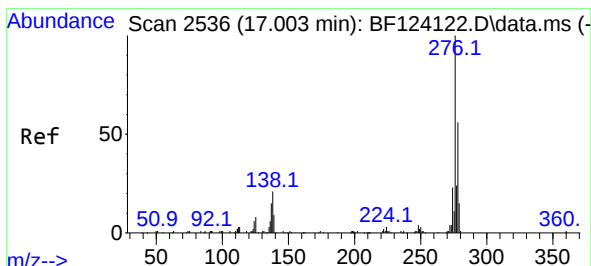
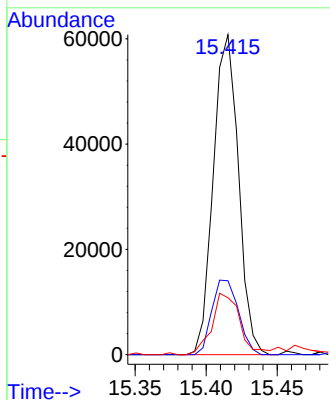
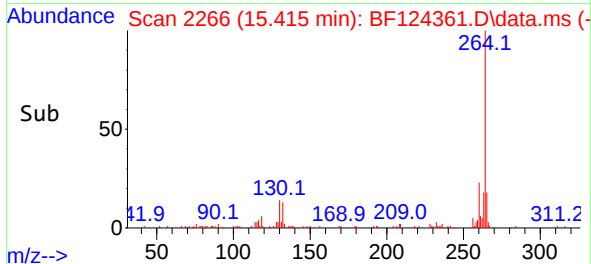
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2



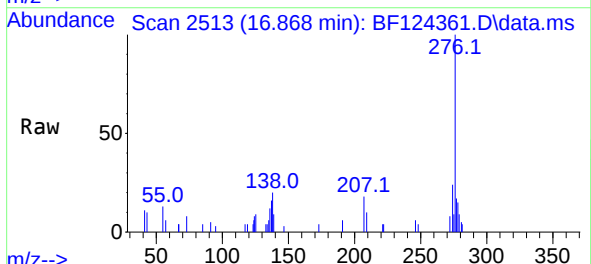
Tgt Ion:264 Resp: 74700
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 17.8 17.8 26.8#

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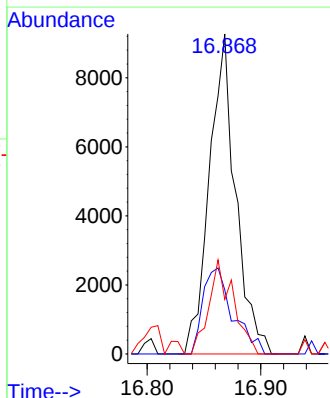
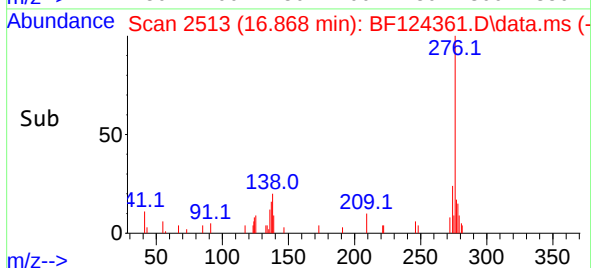
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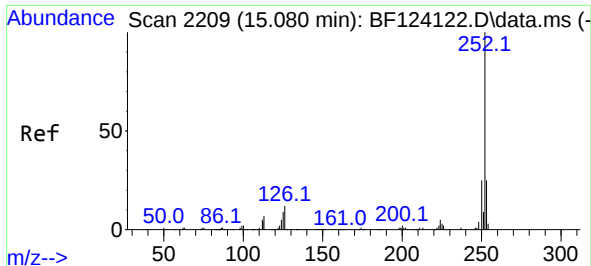


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.517 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

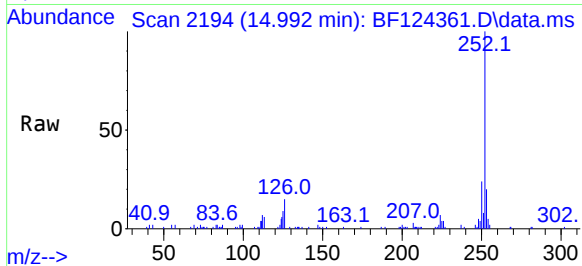


Tgt Ion:276 Resp: 14913
Ion Ratio Lower Upper
276 100
138 30.7 16.2 24.2#
277 27.2 20.1 30.1

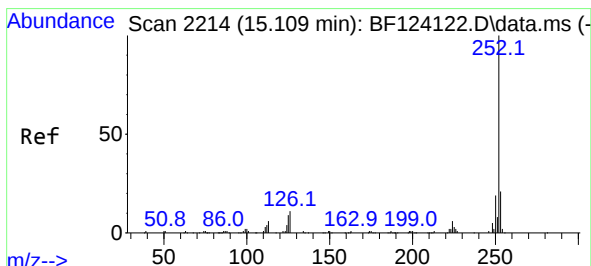
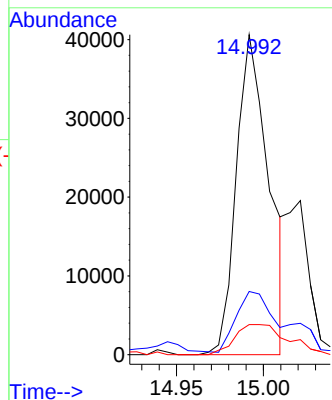
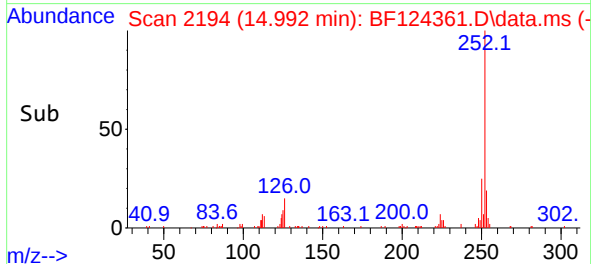




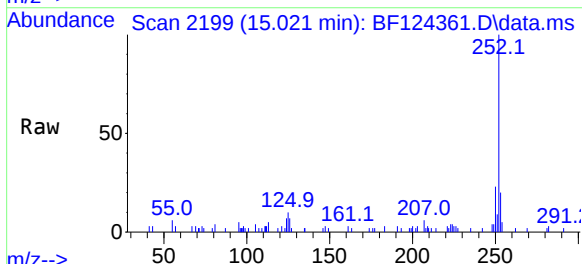
#88
Benzo(b)fluoranthene
Concen: 9.127 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



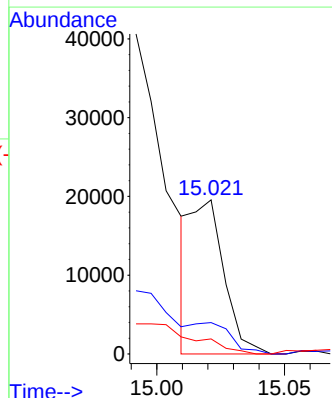
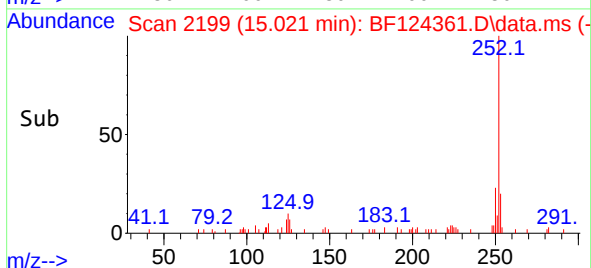
Tgt Ion:252 Resp: 52964
Ion Ratio Lower Upper
252 100
253 19.8 18.1 27.1
125 9.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.161 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



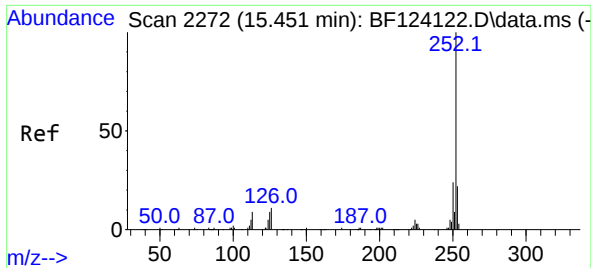
Tgt Ion:252 Resp: 17364
Ion Ratio Lower Upper
252 100
253 20.3 17.9 26.9
125 9.8 7.0 10.6



Instrument :
BNA_F
ClientSampleId :
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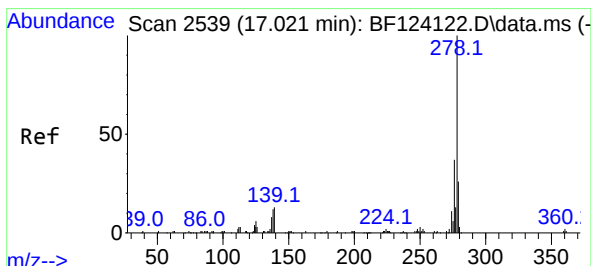
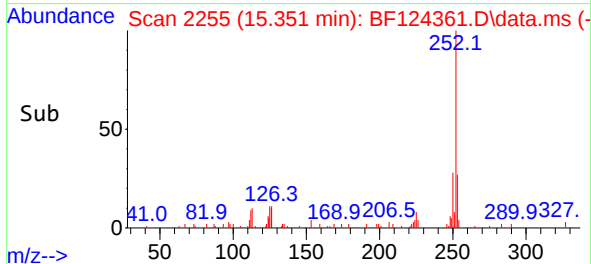
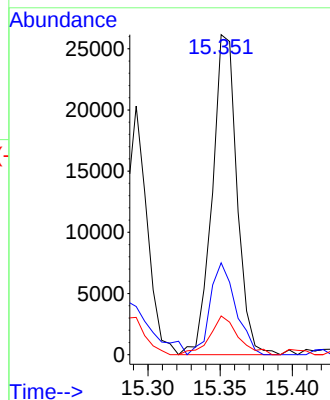
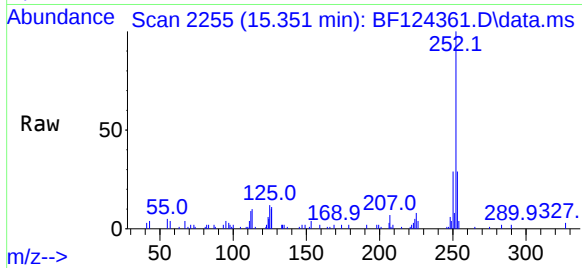
#90
Benzo(a)pyrene
Concen: 6.183 ng m
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion: 252 Resp: 31163
Ion Ratio Lower Upper
252 100
253 28.7 18.4 27.6#
125 12.1 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

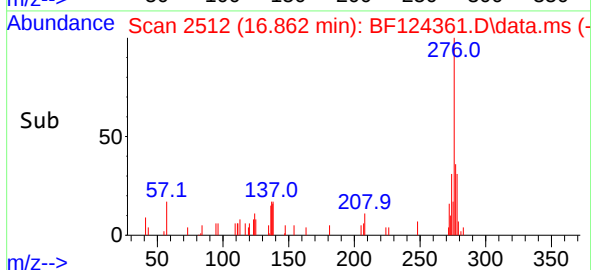
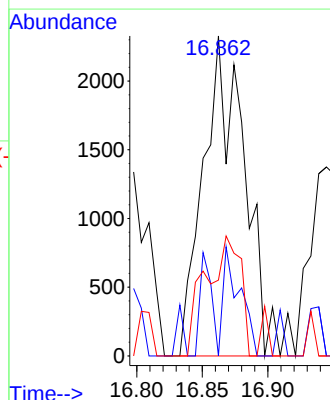
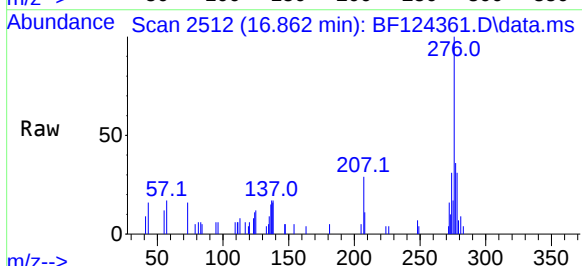
Manual Integrations
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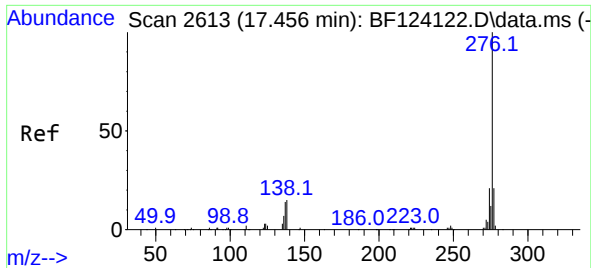
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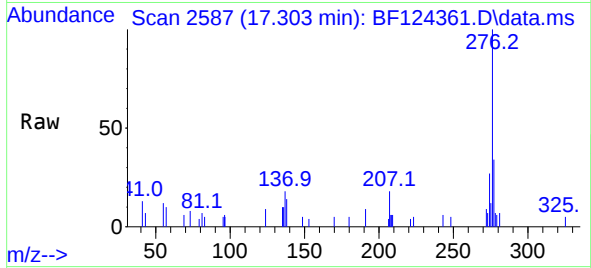
#91
Dibenzo(a,h)anthracene
Concen: 5.045 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion: 278 Resp: 5055
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 23.7 19.4 29.0

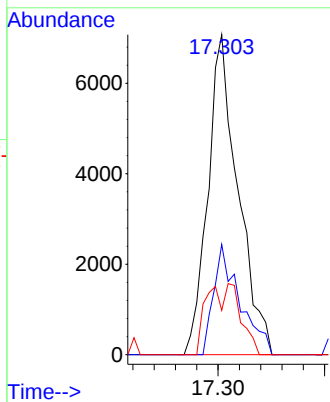
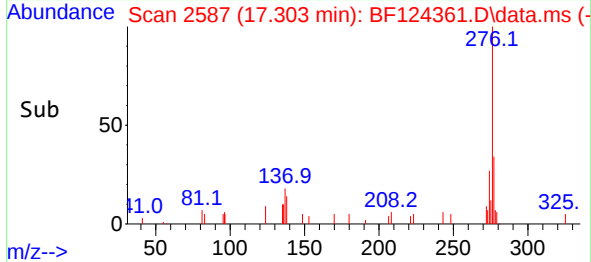




#92
Benzo(g,h,i)perylene
Concen: 6.249 ng
RT: 17.303 min Scan# 2587
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07



Tgt Ion:	276	Resp:	13887
Ion Ratio	Lower	Upper	
276	100		
277	34.4	18.2	27.2#
138	13.9	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

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