

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124105.D
 Acq On : 27 May 2021 22:09
 Operator : JU/CG
 Sample : M2531-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-052621

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Quant Time: May 28 03:07:21 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	40908	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	140503	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	68243	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	114131	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	107264	20.00	ng	0.00
86) Perylene-d12	15.533	264	93309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	255031	87.53	ng	0.01
7) Phenol-d6	6.510	99	315862	83.57	ng	0.00
23) Nitrobenzene-d5	7.439	82	240720	73.82	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	81838	99.84	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	404166	72.88	ng	0.00
79) Terphenyl-d14	12.992	244	380008	53.66	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.628	163	15783	2.90	ng	# 92
71) Phenanthrene	11.422	178	15832	2.19	ng	94
75) Fluoranthene	12.616	202	65947	8.80	ng	96
78) Pyrene	12.845	202	61086	6.41	ng	98
81) Benzo(a)anthracene	14.033	228	50432m	6.50	ng	
83) Chrysene	14.068	228	47063	6.31	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	32651	4.53	ng	# 88
88) Benzo(b)fluoranthene	15.098	252	79901m	11.07	ng	
89) Benzo(k)fluoranthene	15.121	252	20569m	3.13	ng	
90) Benzo(a)pyrene	15.468	252	55145	8.84	ng	# 97
92) Benzo(g,h,i)perylene	17.480	276	29812	4.90	ng	# 90

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

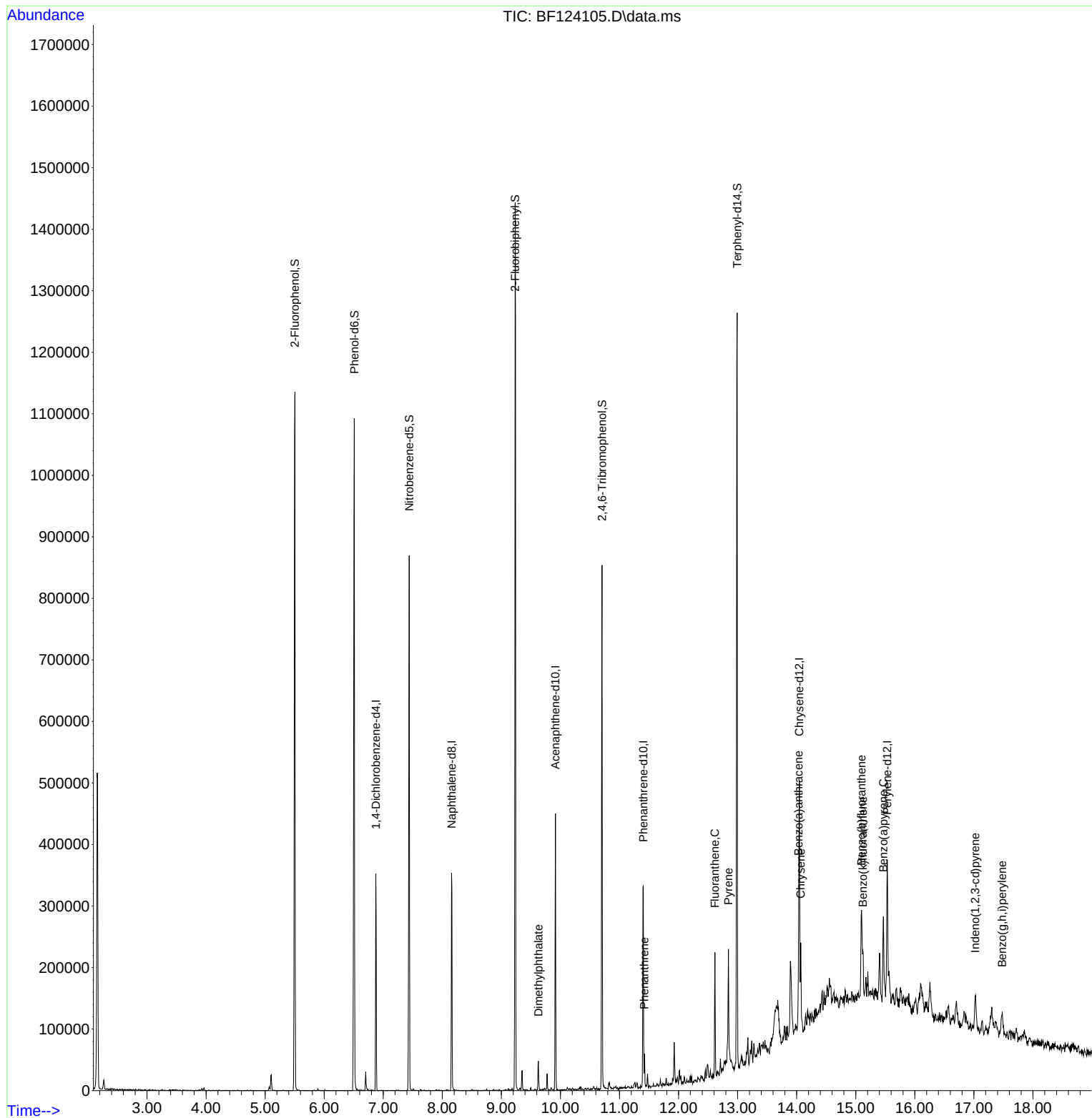
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Data File : BF124105.D
Acq On : 27 May 2021 22:09
Operator : JU/CG
Sample : M2531-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

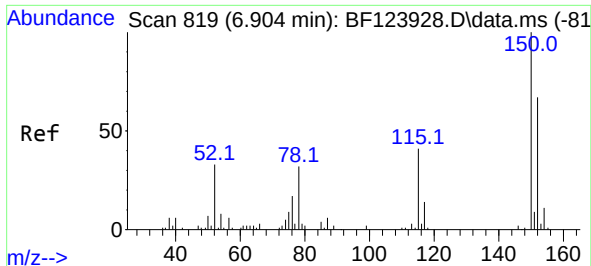
Instrument :
BNA_F
ClientSampleId :
SU-04-052621

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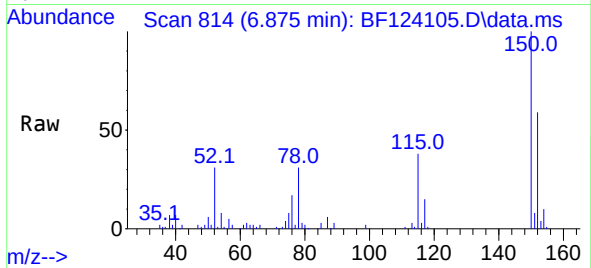
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Quant Time: May 28 03:07:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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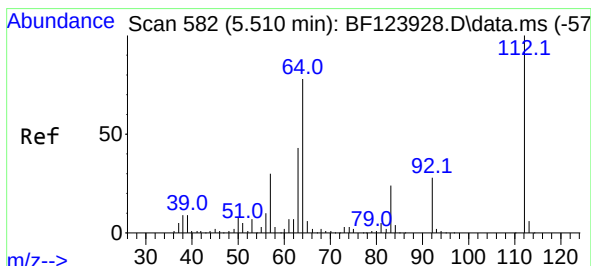
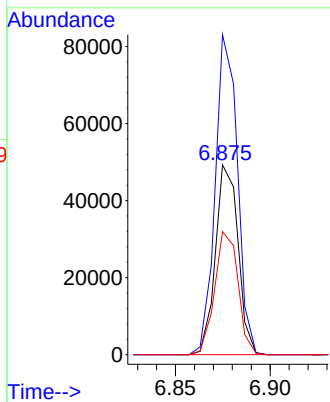
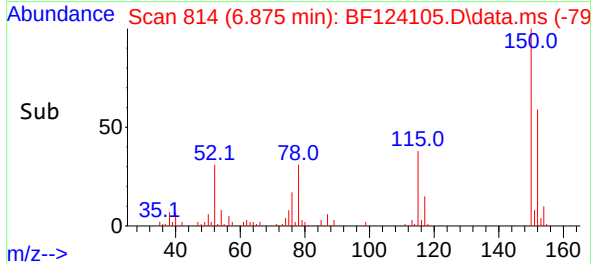




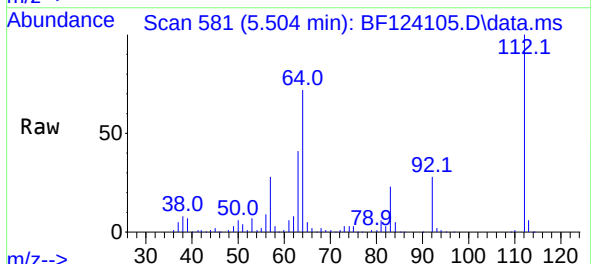
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



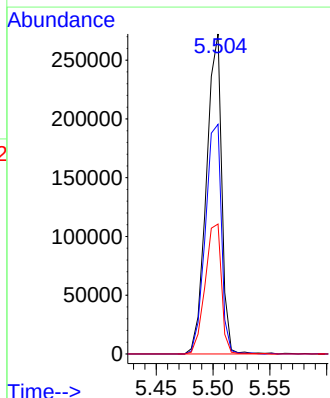
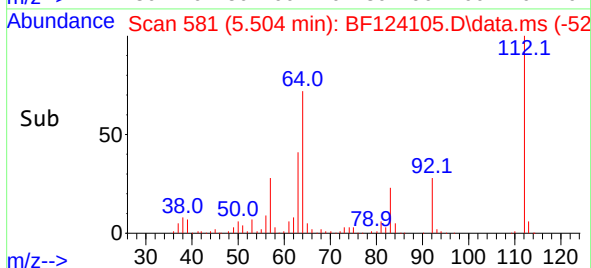
Tgt Ion:152 Resp: 40908
Ion Ratio Lower Upper
152 100
150 168.5 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 87.53 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



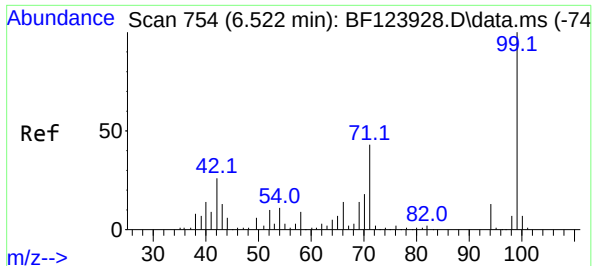
Tgt Ion:112 Resp: 255031
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 40.6 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
SU-04-052621

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5/28/2021 12:36:41 PM



#7
Phenol-d6
Concen: 83.57 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

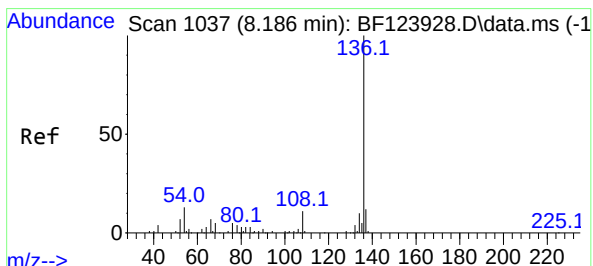
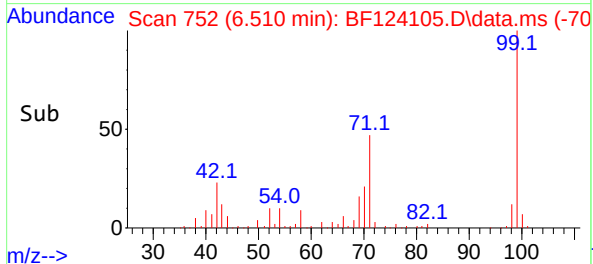
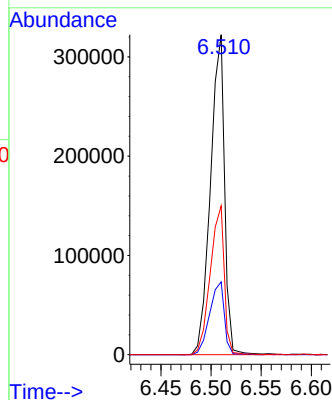
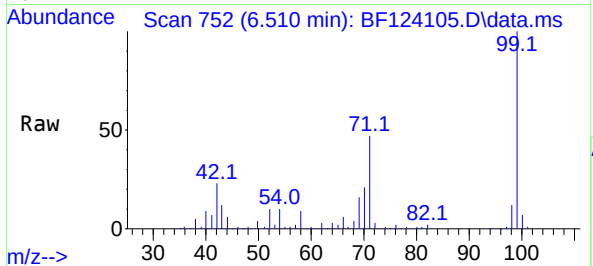
Tgt Ion: 99 Resp: 315862

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.8	29.8
71	46.5	31.1	46.7

Instrument :
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ClientSampleId :
SU-04-052621

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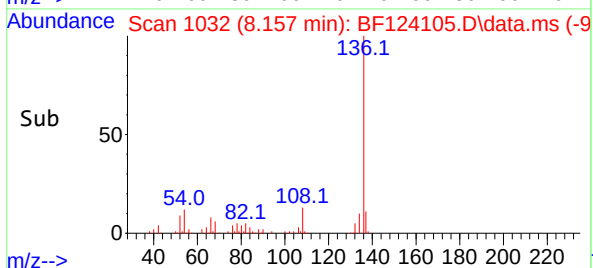
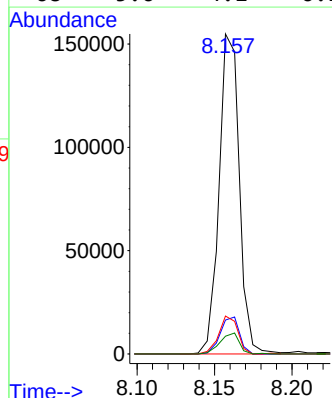
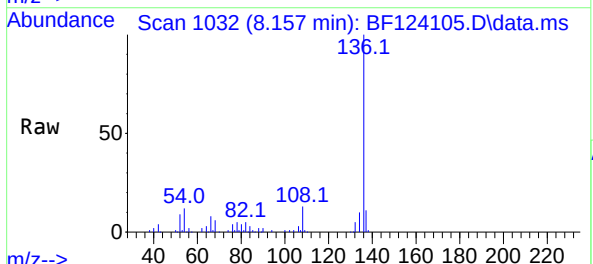
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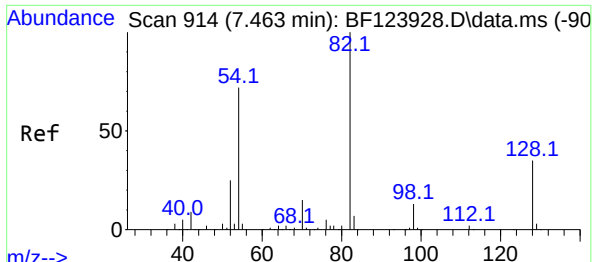


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion: 136 Resp: 140503

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.8	9.8	14.6
68	5.6	4.1	6.1





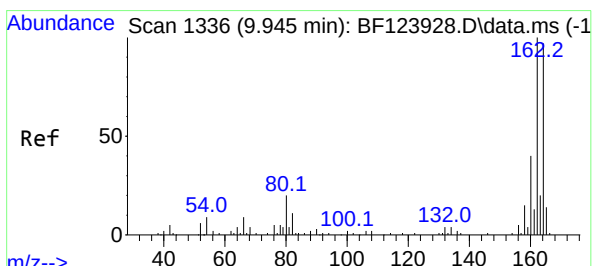
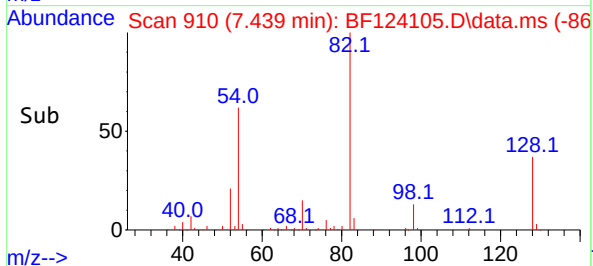
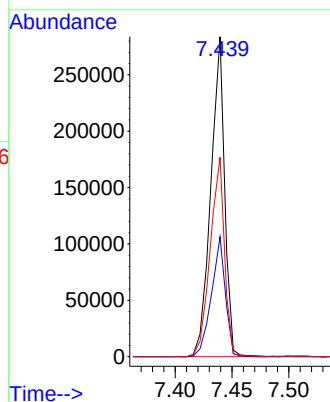
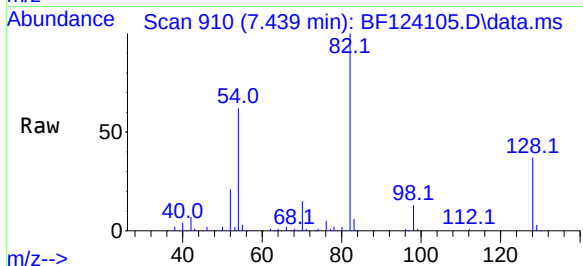
#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion:	82	Resp:	240720
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	62.3	54.1	81.1

Instrument :
BNA_F
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SU-04-052621

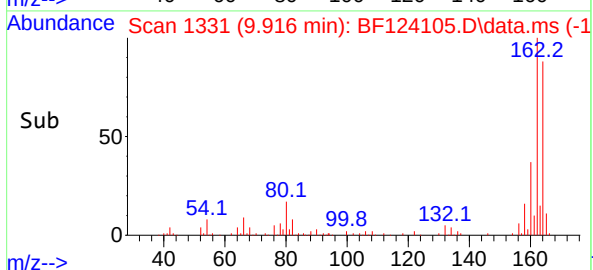
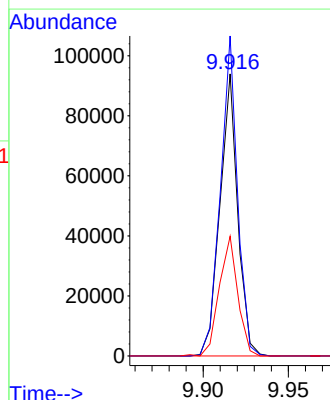
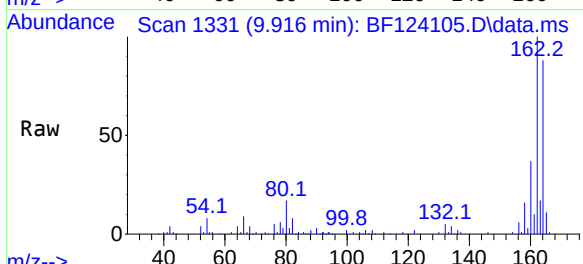
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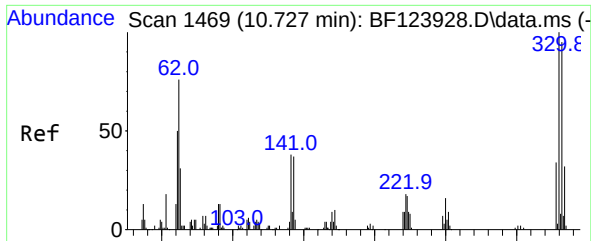
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

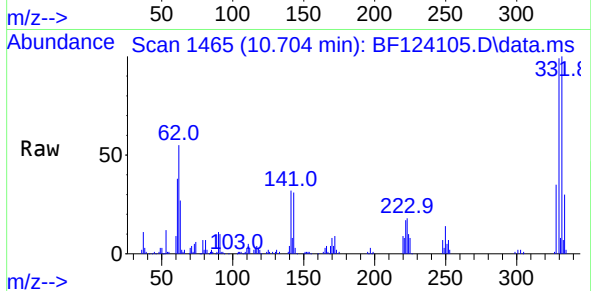
Tgt Ion:	164	Resp:	68243
Ion	Ratio	Lower	Upper
164	100		
162	113.4	80.7	121.1
160	42.4	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 99.84 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

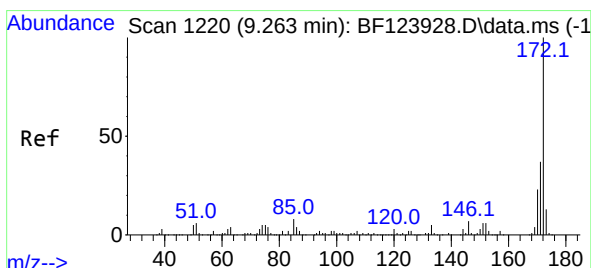
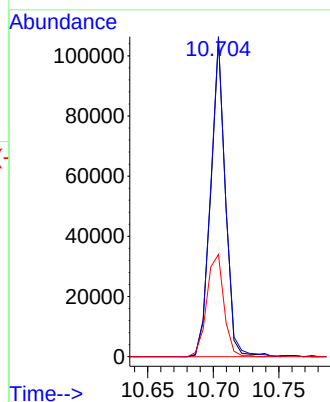
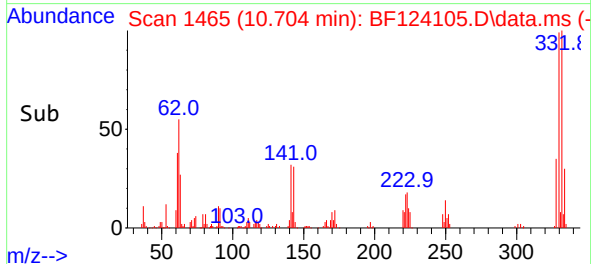
Instrument :
BNA_F
ClientSampled :
SU-04-052621



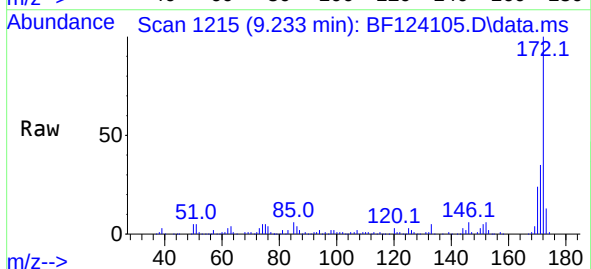
Tgt Ion: 330 Resp: 81838
Ion Ratio Lower Upper
330 100
332 101.6 77.1 115.7
141 38.0 27.9 41.9

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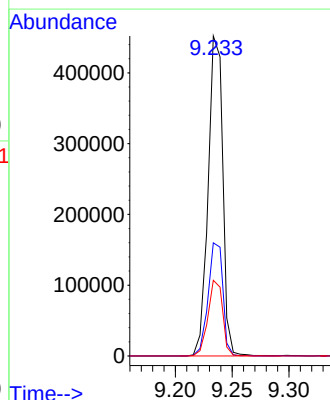
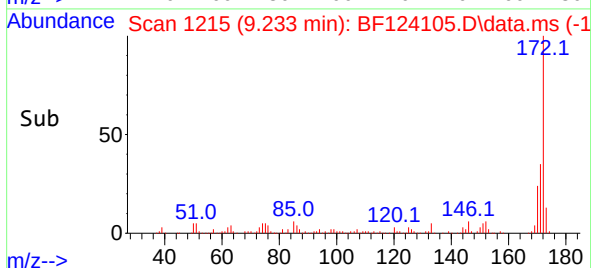
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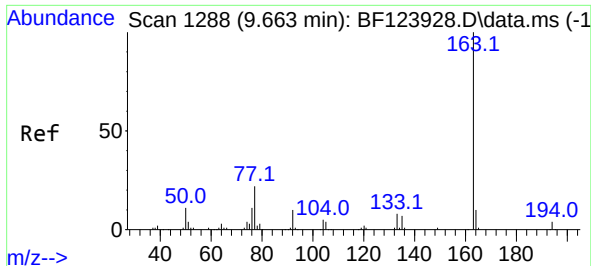


#45
2-Fluorobiphenyl
Concen: 72.88 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



Tgt Ion: 172 Resp: 404166
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.7 19.2 28.8





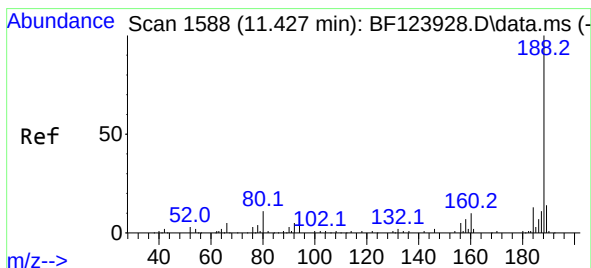
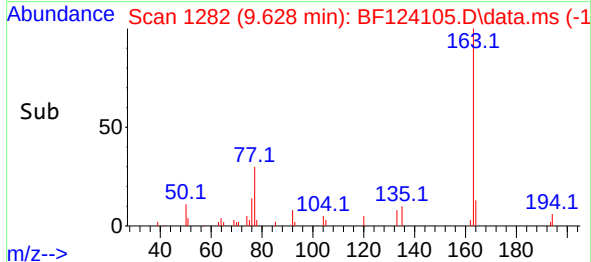
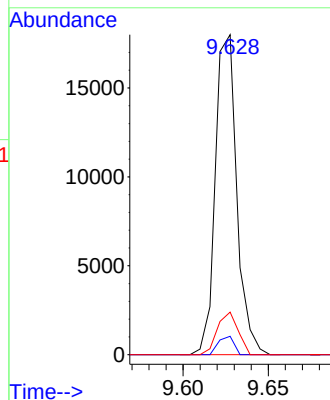
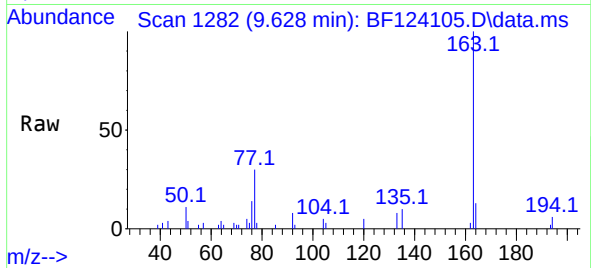
#50
Dimethylphthalate
Concen: 2.90 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion:163 Resp: 15783
Ion Ratio Lower Upper
163 100
194 5.8 3.1 4.7#
164 13.3 8.2 12.2#

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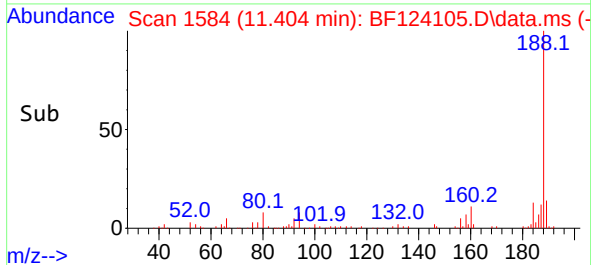
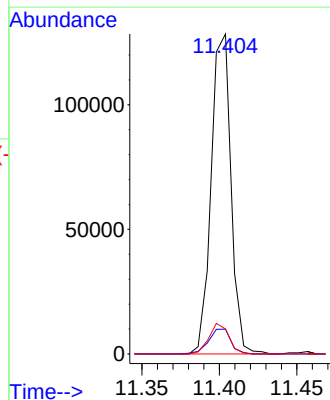
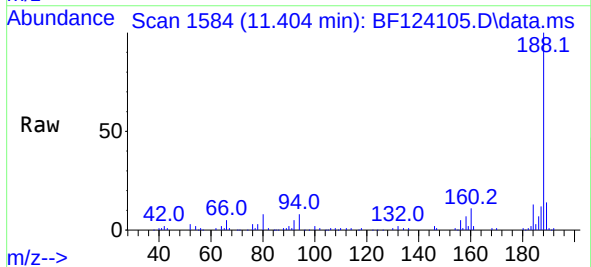
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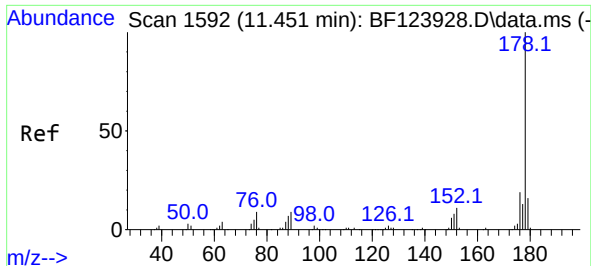
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

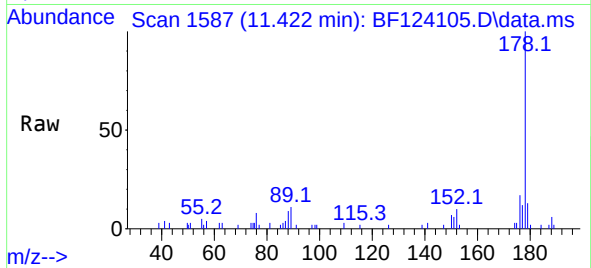
Tgt Ion:188 Resp: 114131
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 7.8 8.2 12.2#





#71
Phenanthrene
Concen: 2.19 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

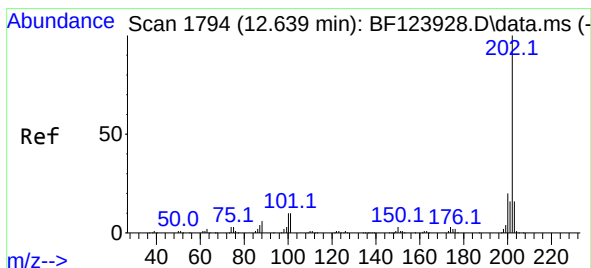
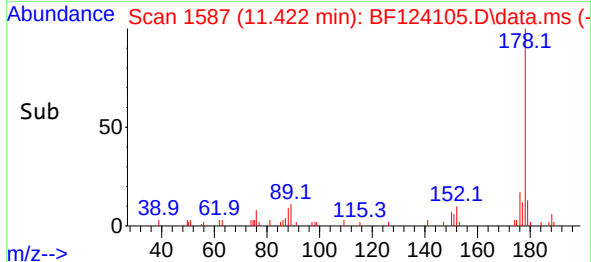
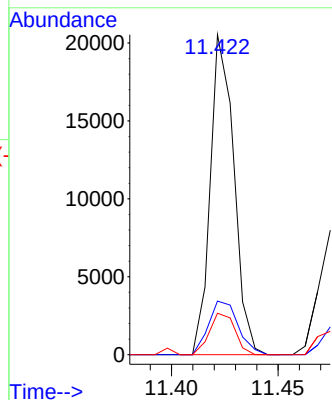
Instrument :
BNA_F
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SU-04-052621



Tgt Ion:178 Resp: 15832
Ion Ratio Lower Upper
178 100
176 16.7 15.6 23.4
179 13.0 12.5 18.7

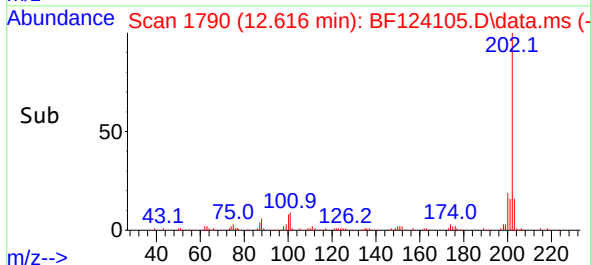
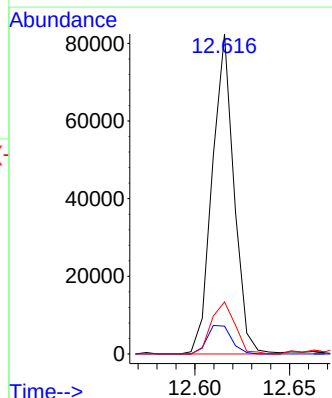
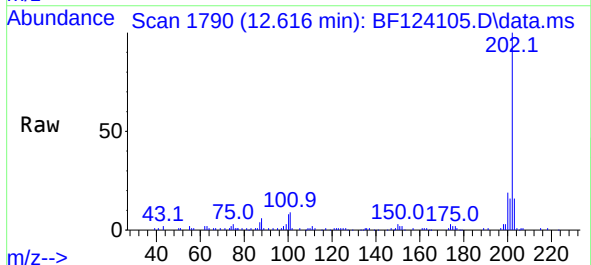
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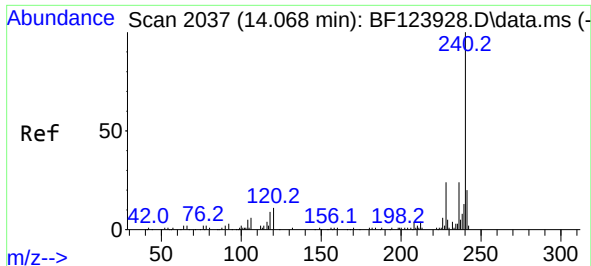
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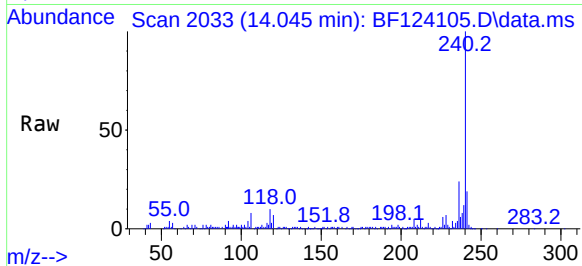
#75
Fluoranthene
Concen: 8.80 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion:202 Resp: 65947
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.9
203 16.3 0.0 37.5

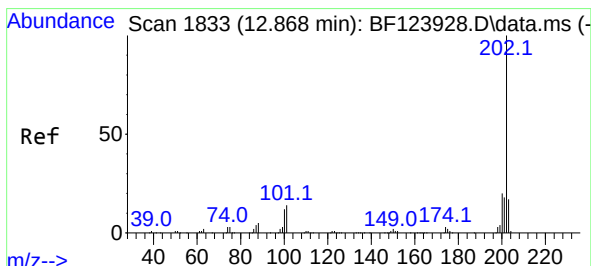
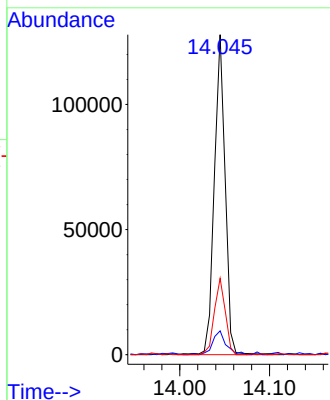
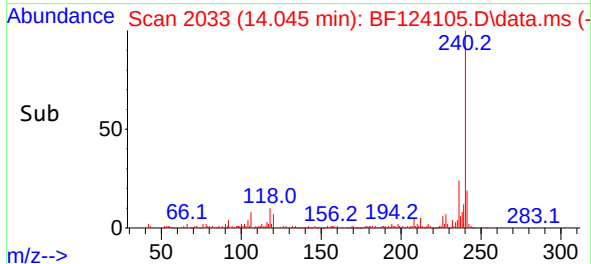




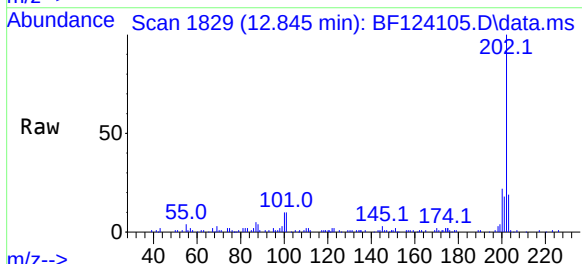
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



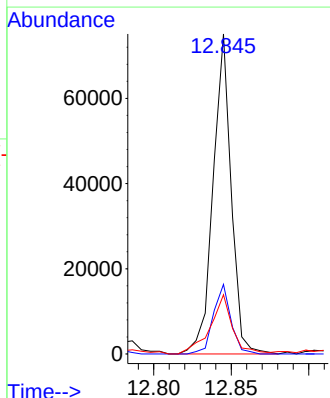
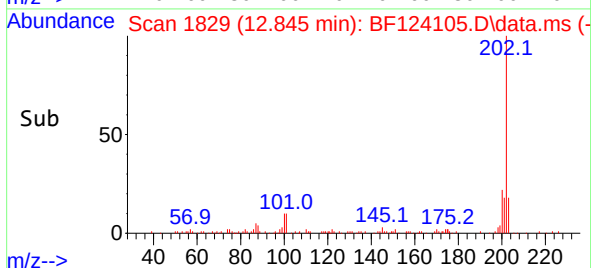
Tgt Ion:240 Resp: 107264
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 23.9 19.0 28.4



#78
Pyrene
Concen: 6.41 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



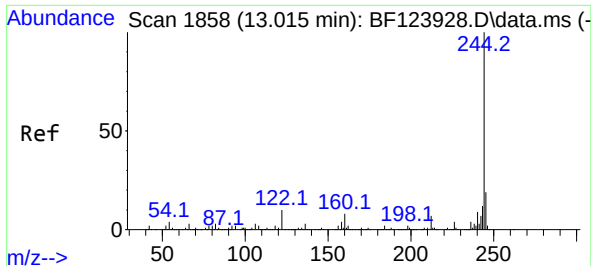
Tgt Ion:202 Resp: 61086
Ion Ratio Lower Upper
202 100
200 21.8 16.1 24.1
203 18.5 14.8 22.2



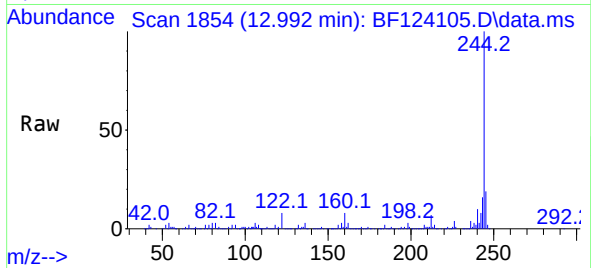
Instrument :
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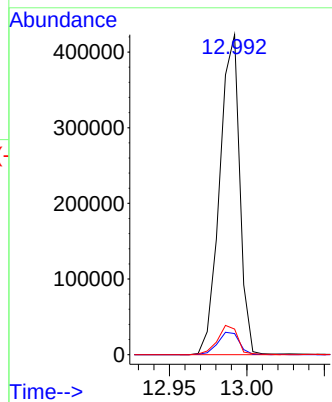
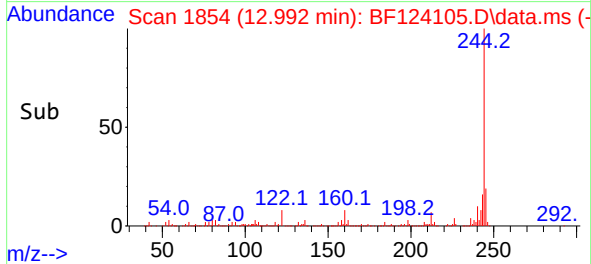
mohammad
5/28/2021 12:36:41 PM



#79
Terphenyl-d14
Concen: 53.66 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



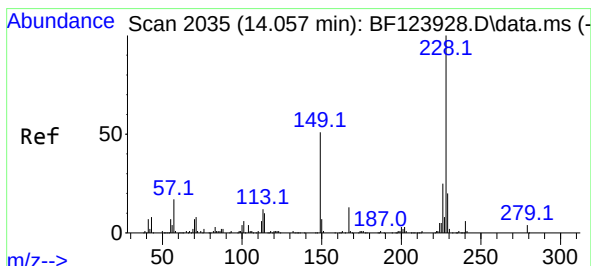
Tgt Ion:244 Resp: 380008
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 8.0 9.7 14.5#



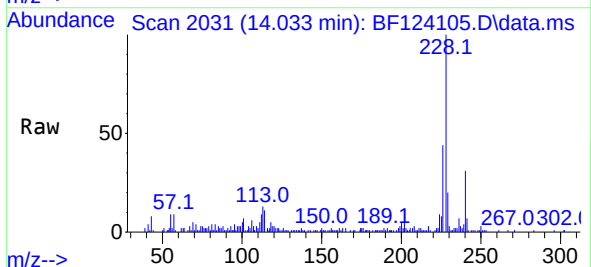
Instrument :
BNA_F
ClientSampleId :
SU-04-052621

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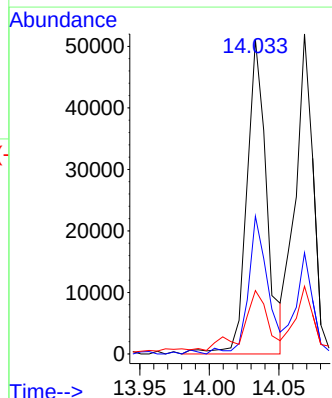
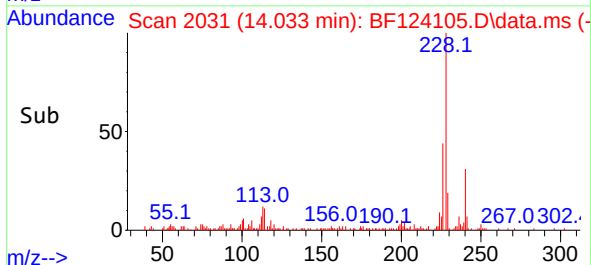
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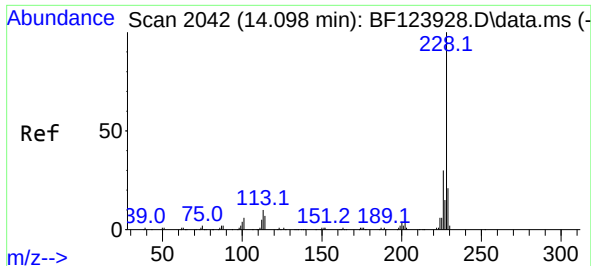


#81
Benzo(a)anthracene
Concen: 6.50 ng m
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

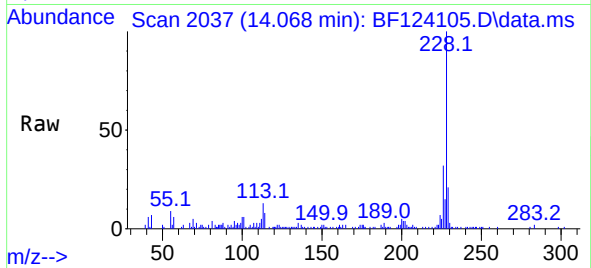


Tgt Ion:228 Resp: 50432
Ion Ratio Lower Upper
228 100
226 43.8 22.4 33.6#
229 20.1 16.0 24.0





#83
Chrysene
Concen: 6.31 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

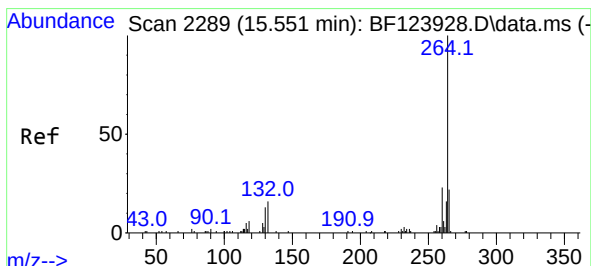
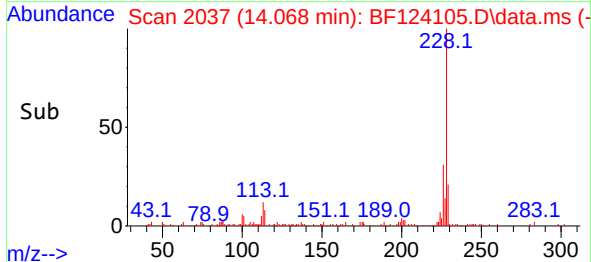
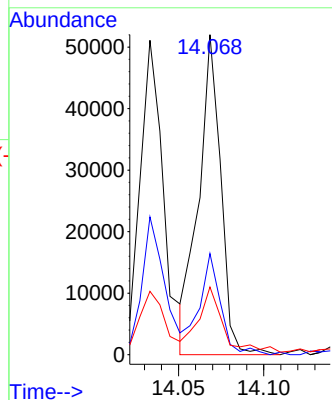


Tgt Ion:	228	Resp:	47063
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.3	36.5
229	21.2	16.2	24.2

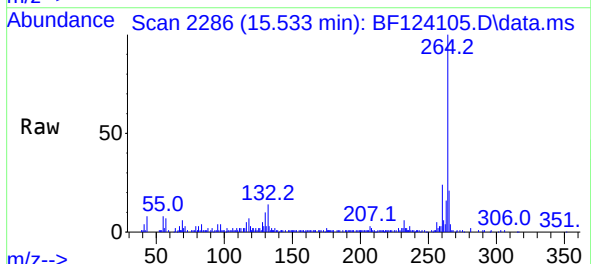
Instrument :
BNA_F
ClientSampled :
SU-04-052621

Manual Integrations
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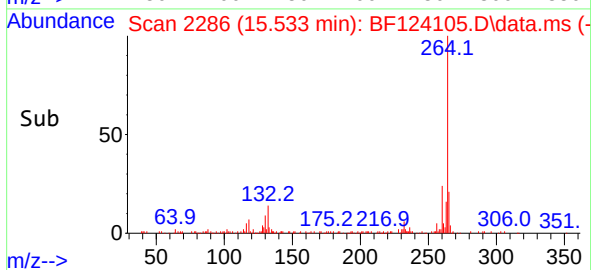
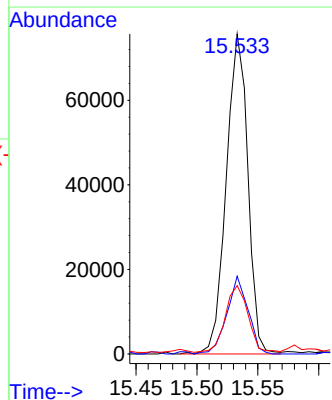
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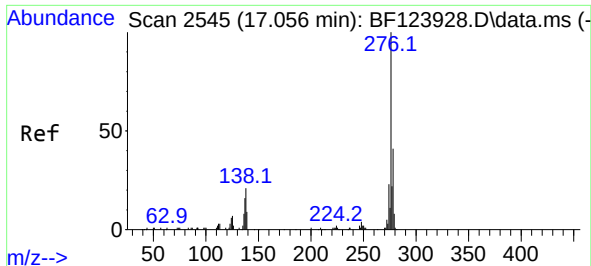


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



Tgt Ion:	264	Resp:	93309
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	21.4	17.8	26.8





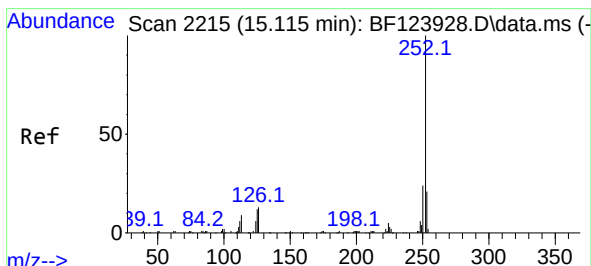
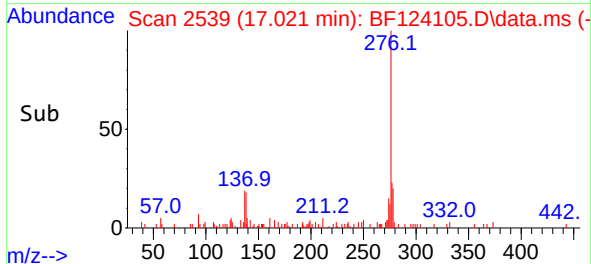
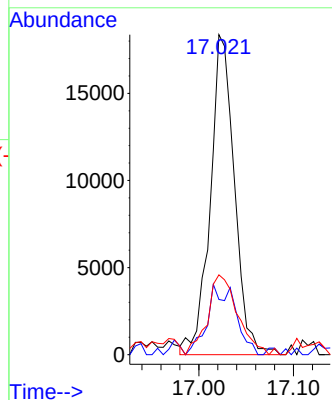
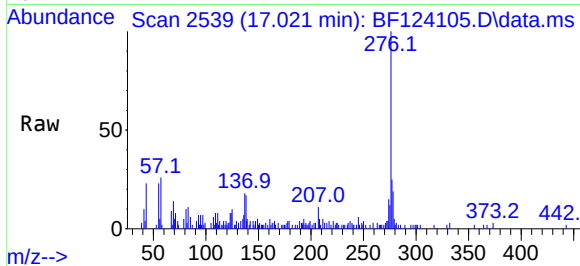
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.012 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion: 276 Resp: 32651
Ion Ratio Lower Upper
276 100
138 25.5 16.2 24.2#
277 31.2 20.1 30.1#

Instrument :
BNA_F
ClientSampleId :
SU-04-052621

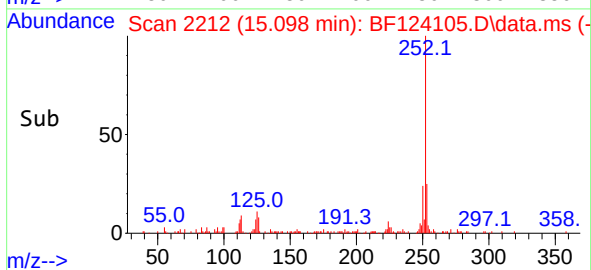
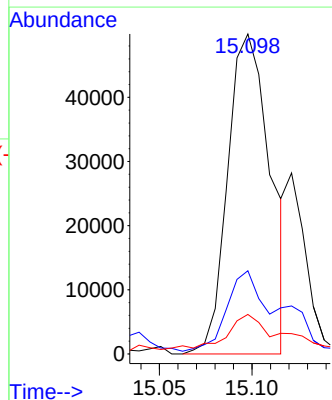
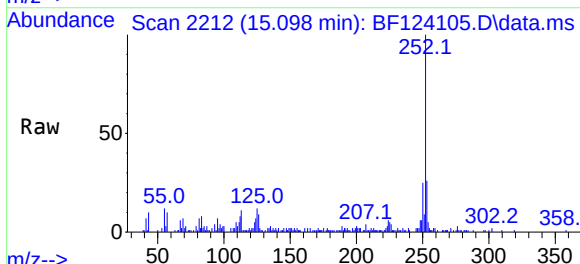
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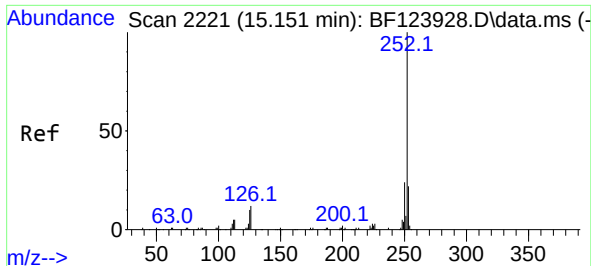
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#88
Benzo(b)fluoranthene
Concen: 11.07 ng m
RT: 15.098 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09

Tgt Ion: 252 Resp: 79901
Ion Ratio Lower Upper
252 100
253 26.0 18.1 27.1
125 12.4 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 3.13 ng m

RT: 15.121 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF124105.D

Acq: 27 May 2021 22:09

Tgt Ion:	252	Resp:	20569
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.9	26.9
125	11.3	7.0	10.6#

Instrument :

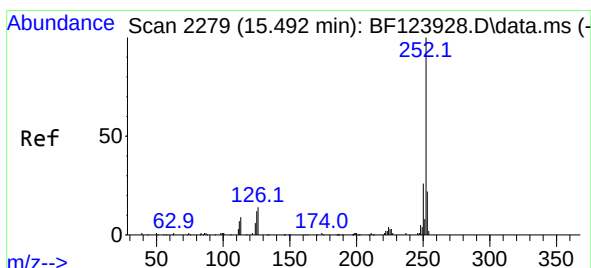
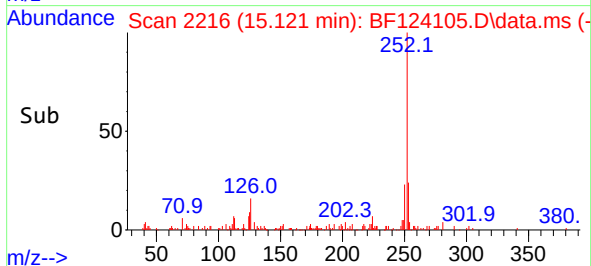
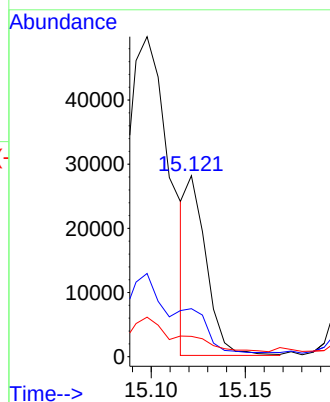
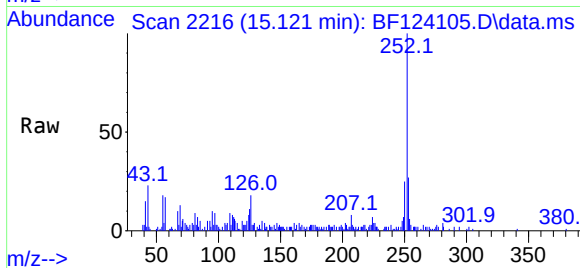
BNA_F

ClientSampleId :

SU-04-052621

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#90

Benzo(a)pyrene

Concen: 8.84 ng

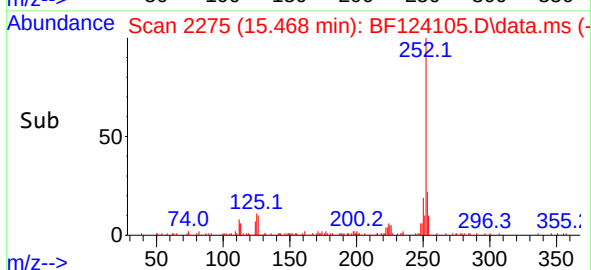
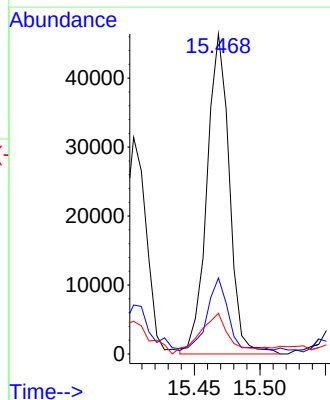
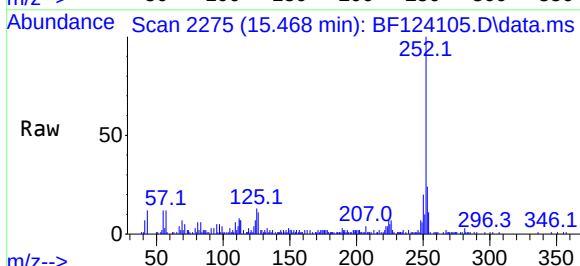
RT: 15.468 min Scan# 2275

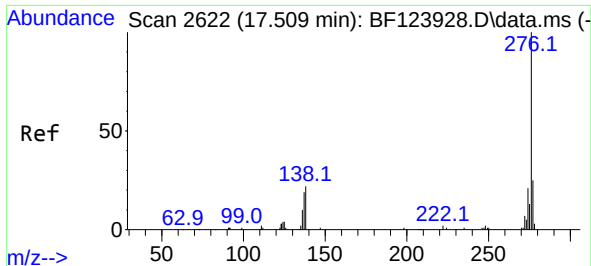
Delta R.T. 0.000 min

Lab File: BF124105.D

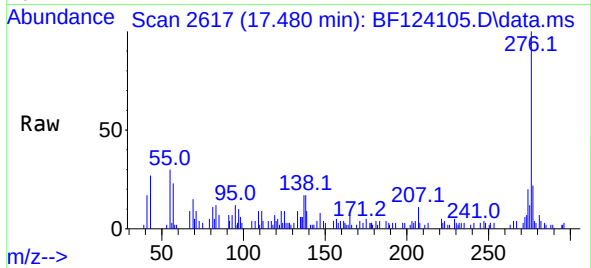
Acq: 27 May 2021 22:09

Tgt Ion:	252	Resp:	55145
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.4	27.6
125	12.7	8.0	12.0#

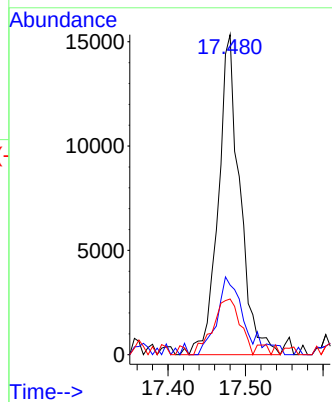
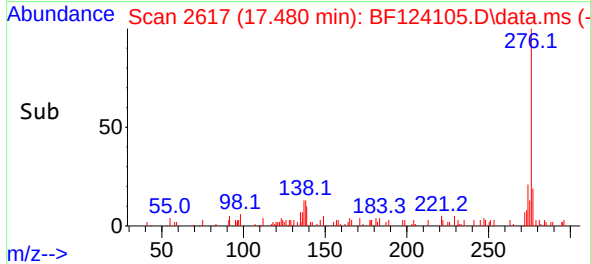




#92
Benzo(g,h,i)perylene
Concen: 4.90 ng
RT: 17.480 min Scan# 2617
Delta R.T. -0.006 min
Lab File: BF124105.D
Acq: 27 May 2021 22:09



Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.2	27.2
138	26.5	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
SU-04-052621

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