

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124191.D
 Acq On : 8 Jun 2021 21:17
 Operator : JU/CG
 Sample : M2629-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-060721

Manual Integrations
 APPROVED

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Quant Time: Jun 09 04:09:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	38826	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	139420	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	67829	20.000	ng	# 0.00
64) Phenanthrene-d10	11.386	188	100767	20.000	ng	0.00
76) Chrysene-d12	14.033	240	86888	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	73956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	201382	78.079	ng	0.00
7) Phenol-d6	6.510	99	255640	73.738	ng	0.00
23) Nitrobenzene-d5	7.428	82	202442	57.589	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	70983	73.866	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	369068	68.470	ng	0.00
79) Terphenyl-d14	12.974	244	293630	46.398	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	24834	3.945	ng	97
75) Fluoranthene	12.598	202	37663	5.700	ng	98
78) Pyrene	12.833	202	29976	3.593	ng	100
81) Benzo(a)anthracene	14.021	228	12960	2.047	ng	# 90
83) Chrysene	14.057	228	14503m	2.375	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	4966	5.069	ng	# 75
88) Benzo(b)fluoranthene	15.080	252	18832m	3.278	ng	
92) Benzo(g,h,i)perylene	17.445	276	6434	4.950	ng	# 52

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

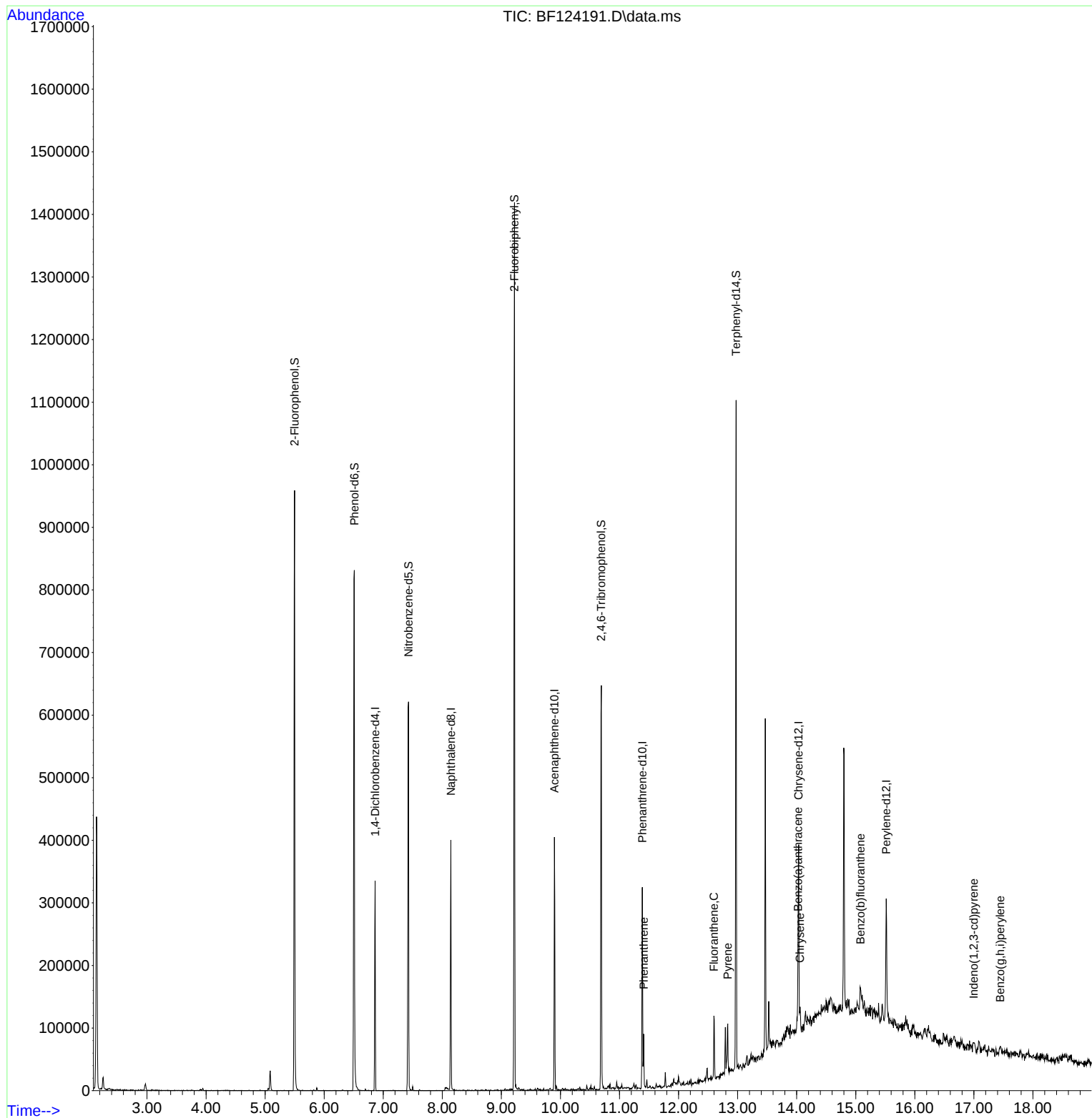
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124191.D
Acq On : 8 Jun 2021 21:17
Operator : JU/CG
Sample : M2629-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

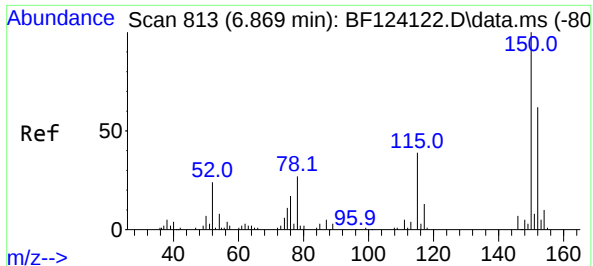
Instrument :
BNA_F
ClientSampleId :
OK-02-060721

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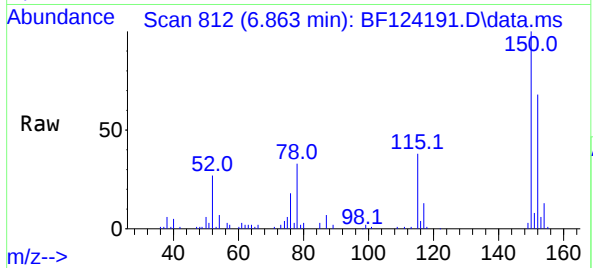
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Quant Time: Jun 09 04:09:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

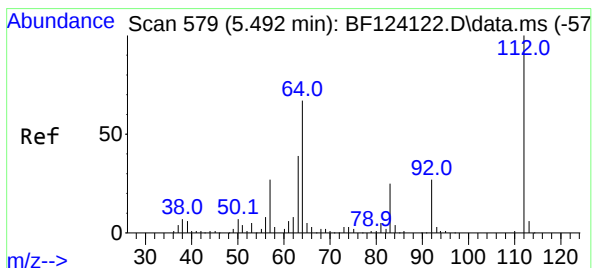
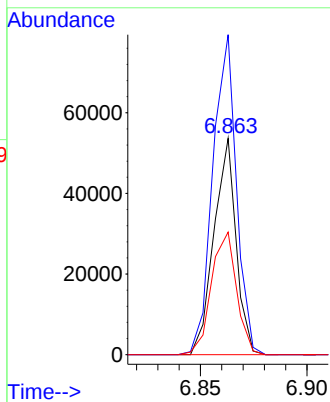
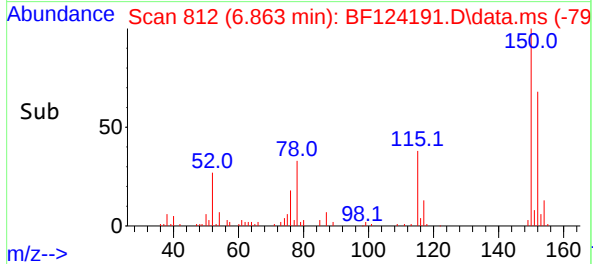




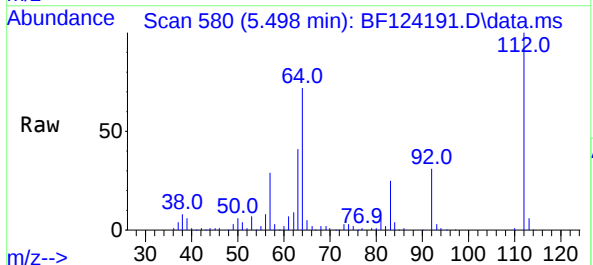
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



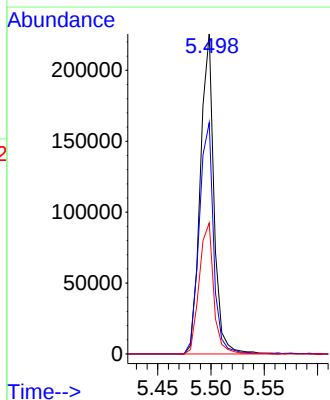
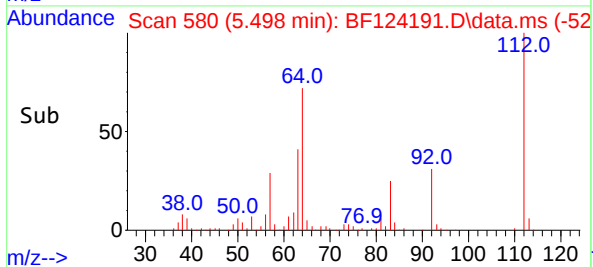
Tgt Ion:152 Resp: 38826
Ion Ratio Lower Upper
152 100
150 147.9 127.0 190.6
115 56.7 54.3 81.5



#5
2-Fluorophenol
Concen: 78.079 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



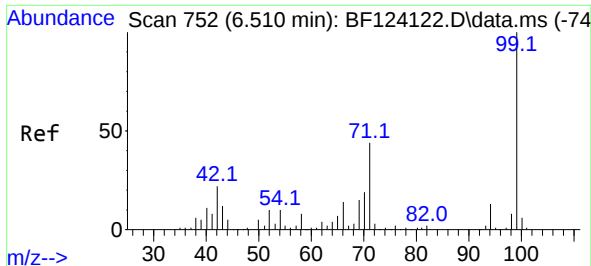
Tgt Ion:112 Resp: 201382
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 41.0 33.0 49.4



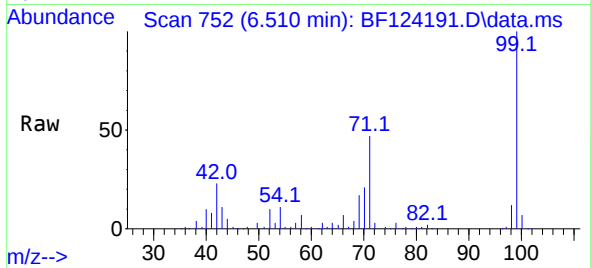
Instrument :
BNA_F
ClientSampled :
OK-02-060721

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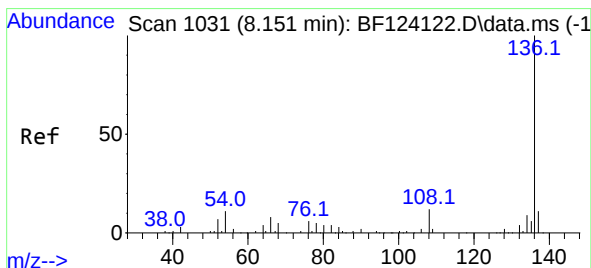
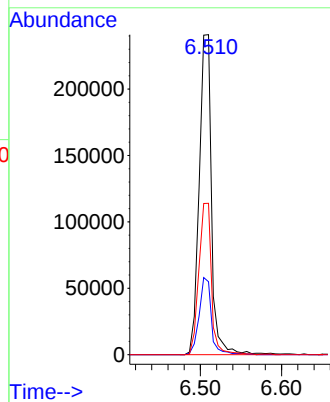
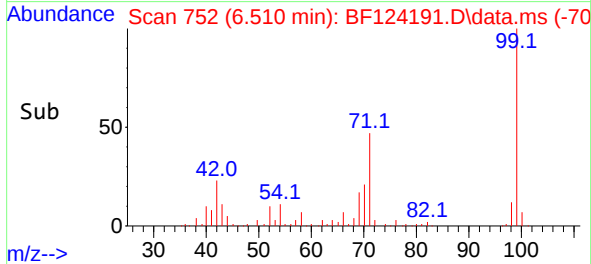
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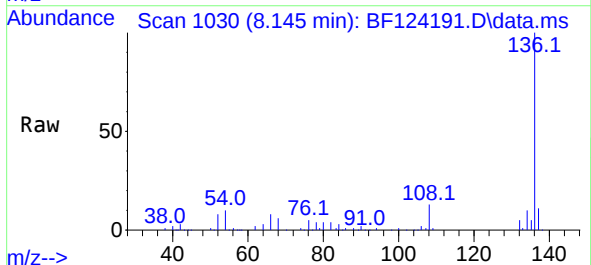
#7
Phenol-d6
Concen: 73.738 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



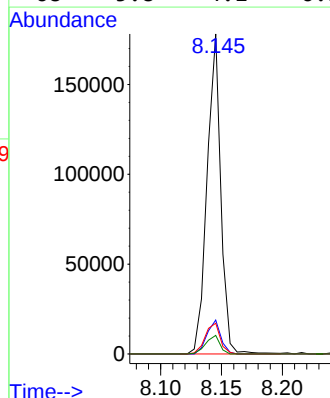
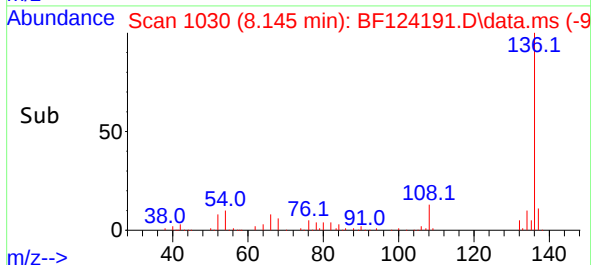
Tgt Ion: 99 Resp: 255640
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 47.3 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



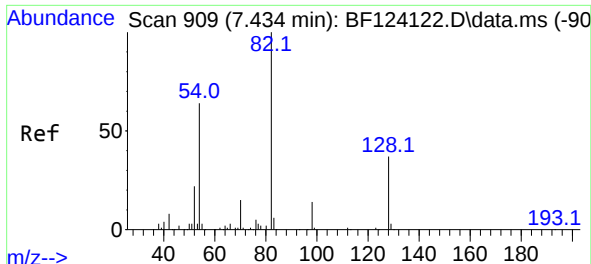
Tgt Ion: 136 Resp: 139420
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.6 9.8 14.6#
68 5.8 4.1 6.1



Instrument :
BNA_F
ClientSampleId :
OK-02-060721

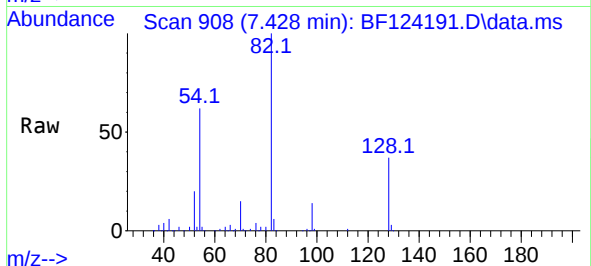
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#23
Nitrobenzene-d5
Concen: 57.589 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

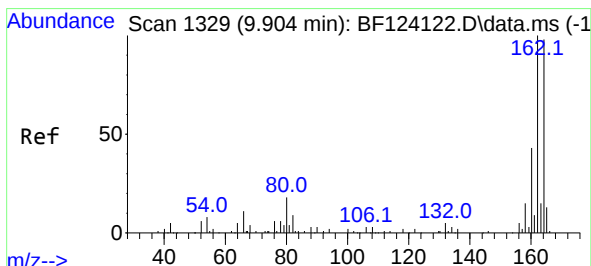
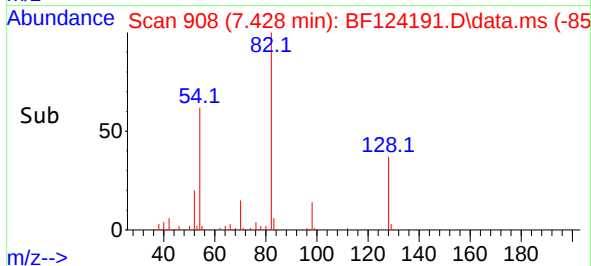
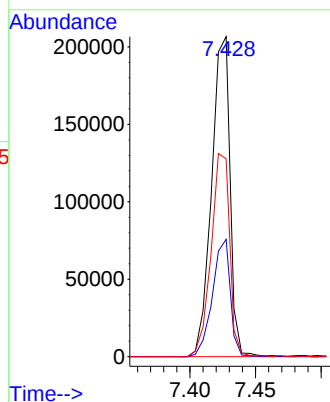
Instrument :
BNA_F
ClientSampleId :
OK-02-060721



Tgt Ion: 82 Resp: 202442
Ion Ratio Lower Upper
82 100
128 36.6 29.4 44.2
54 61.8 54.1 81.1

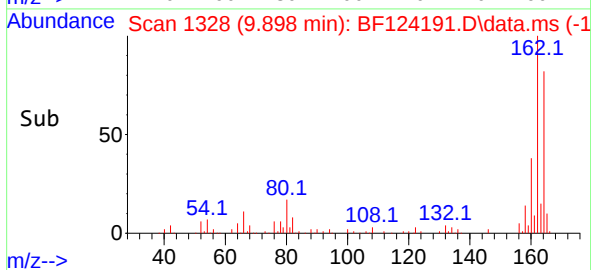
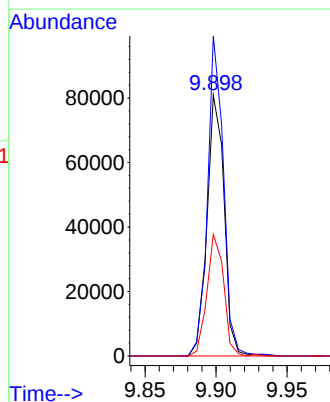
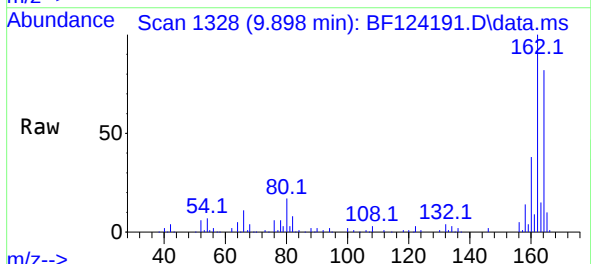
Manual Integrations
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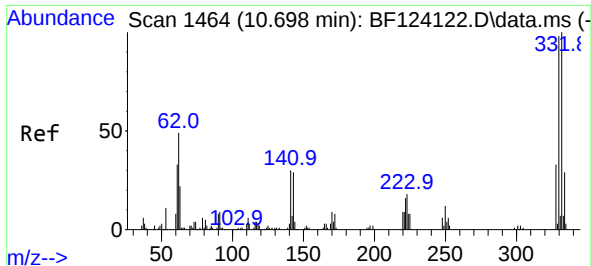
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

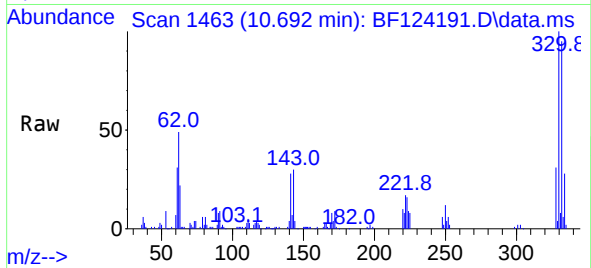
Tgt Ion: 164 Resp: 67829
Ion Ratio Lower Upper
164 100
162 122.7 80.7 121.1#
160 46.6 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 73.866 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

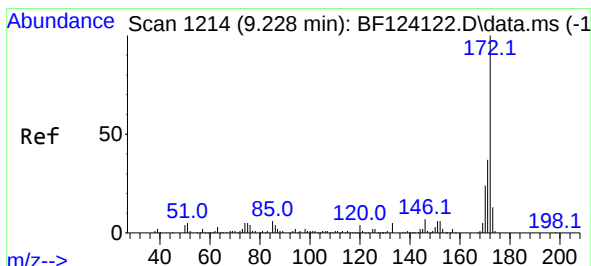
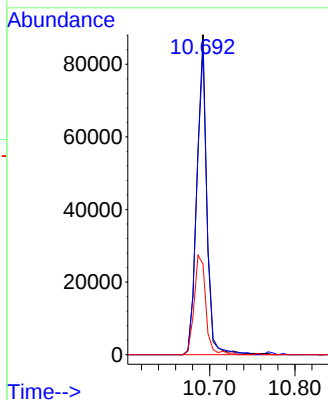
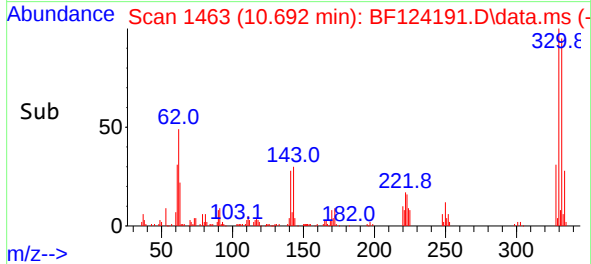
Instrument :
BNA_F
ClientSampleId :
OK-02-060721



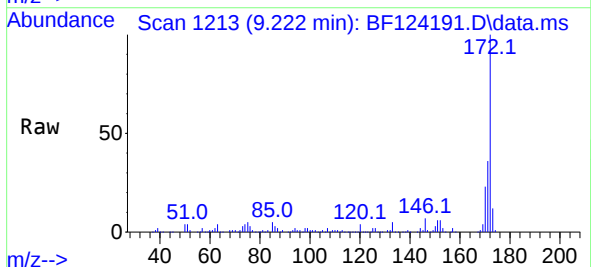
Tgt Ion: 330 Resp: 70983
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 36.5 27.9 41.9

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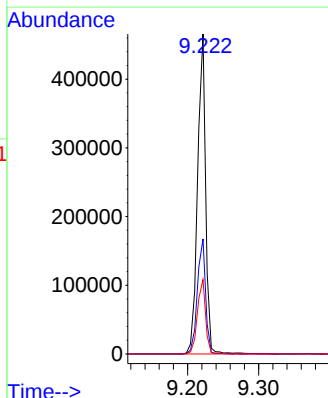
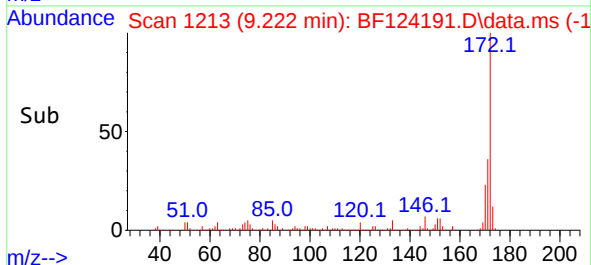
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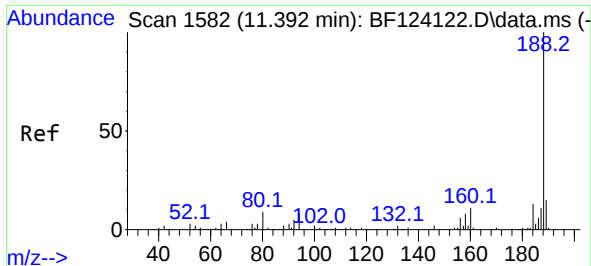


#45
2-Fluorobiphenyl
Concen: 68.470 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



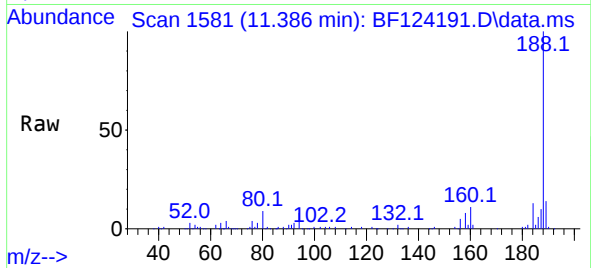
Tgt Ion: 172 Resp: 369068
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.2 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

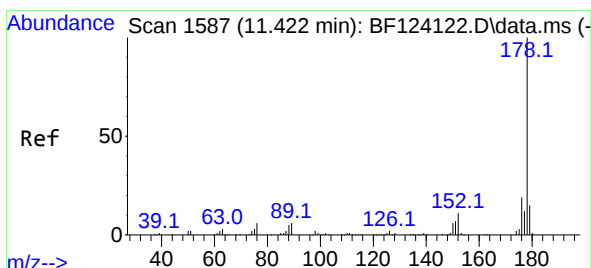
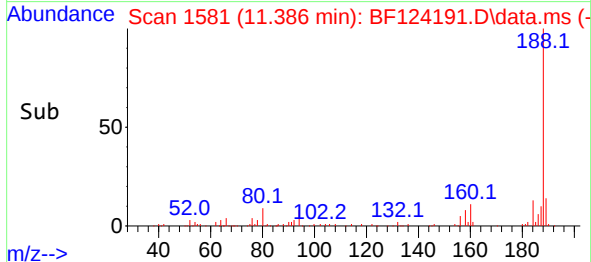
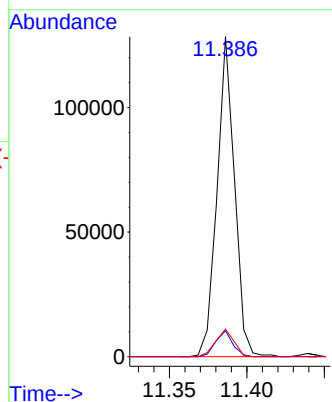
Instrument :
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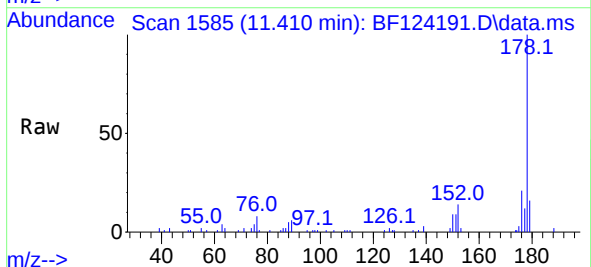
Tgt Ion:188 Resp: 100767
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.6 8.2 12.2

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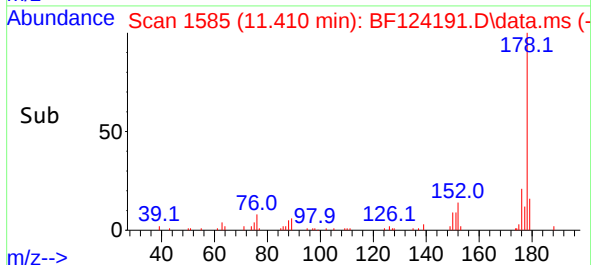
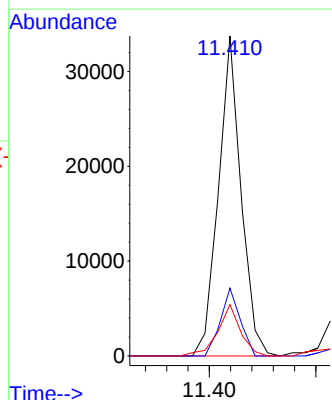
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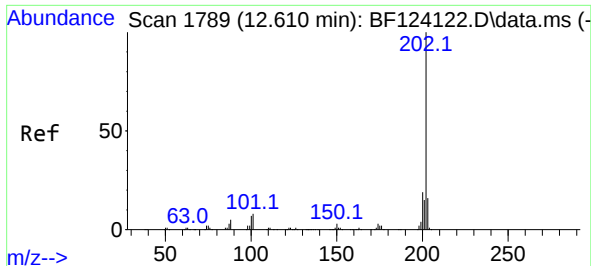


#71
Phenanthrene
Concen: 3.945 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

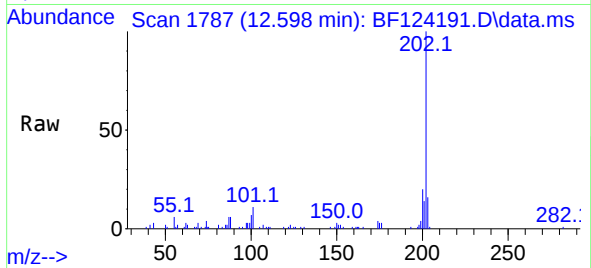


Tgt Ion:178 Resp: 24834
Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 16.1 12.5 18.7

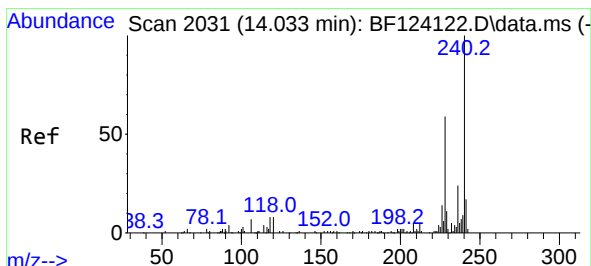
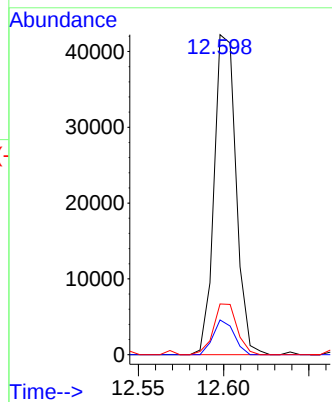
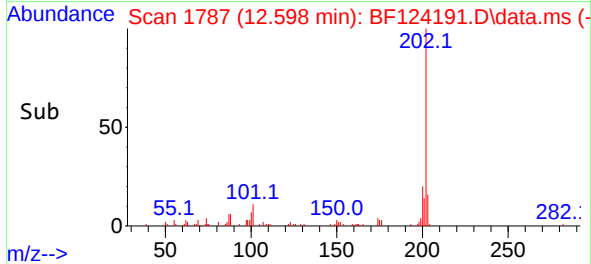




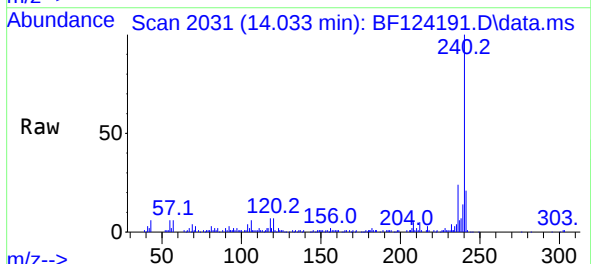
#75
Fluoranthene
Concen: 5.700 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



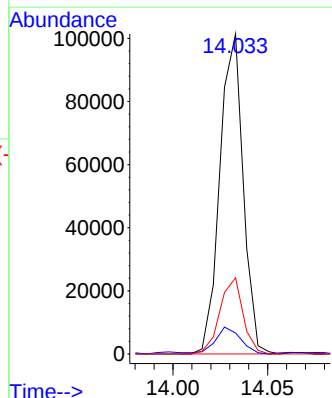
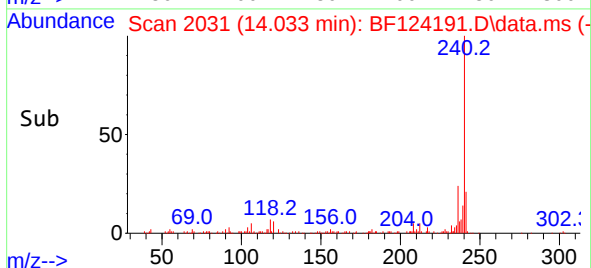
Tgt Ion:202 Resp: 37663
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 15.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



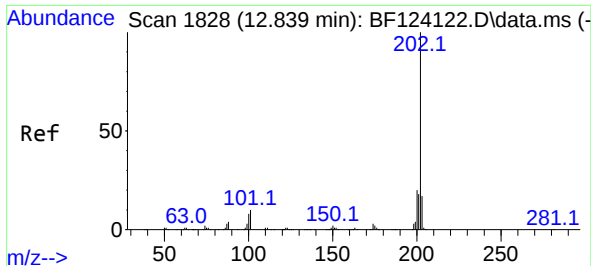
Tgt Ion:240 Resp: 86888
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 23.8 19.0 28.4



Instrument :
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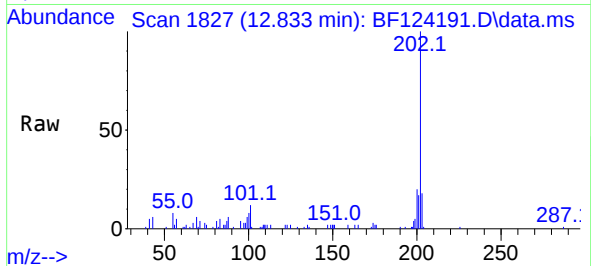
Manual Integrations
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#78
Pyrene
Concen: 3.593 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

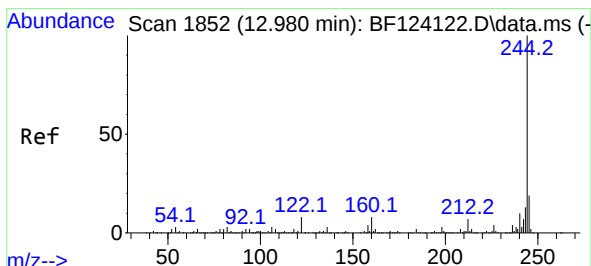
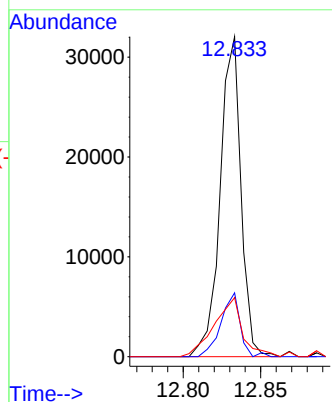
Instrument :
BNA_F
ClientSampleId :
OK-02-060721



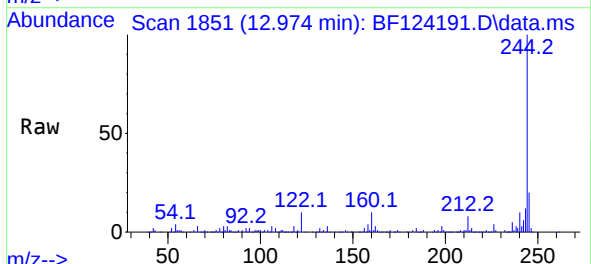
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Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 18.5 14.8 22.2

Manual Integrations
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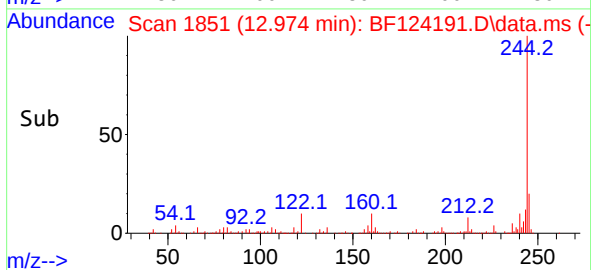
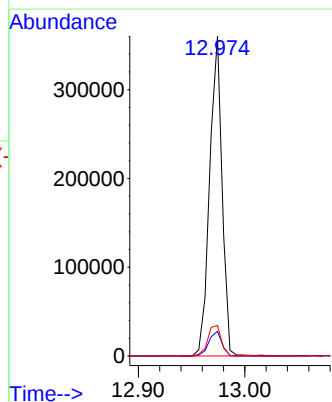
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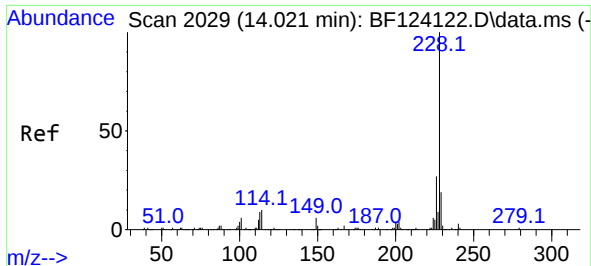


#79
Terphenyl-d14
Concen: 46.398 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



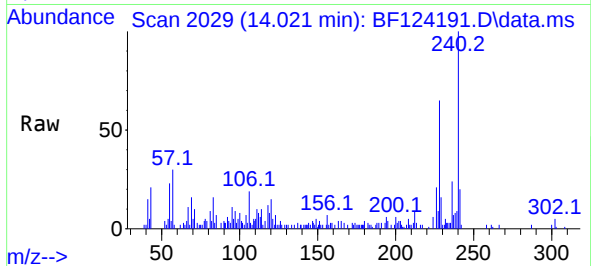
Tgt Ion:244 Resp: 293630
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.5 9.7 14.5#





#81
Benzo(a)anthracene
Concen: 2.047 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

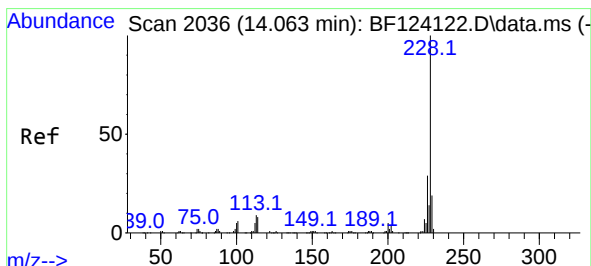
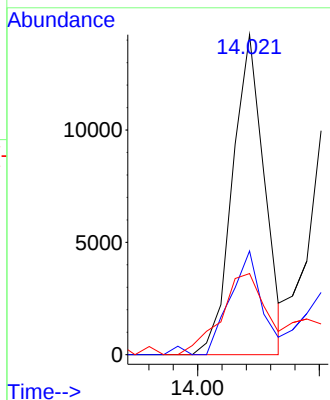
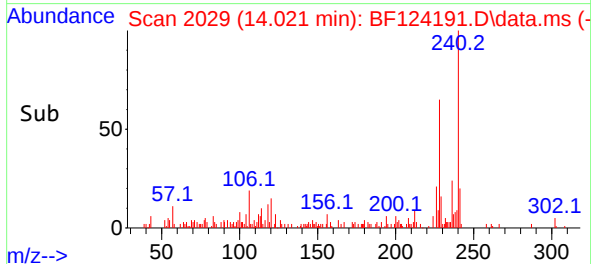
Instrument :
BNA_F
ClientSampled :
OK-02-060721



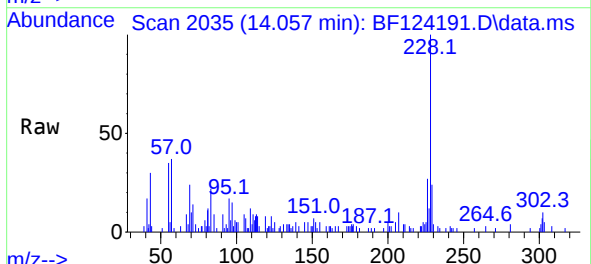
Tgt Ion:228 Resp: 12960
Ion Ratio Lower Upper
228 100
226 32.4 22.4 33.6
229 25.4 16.0 24.0#

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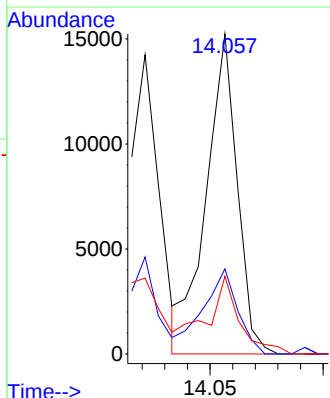
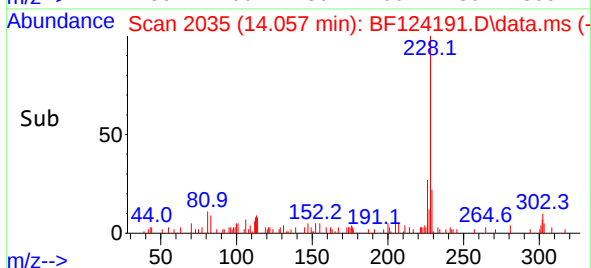
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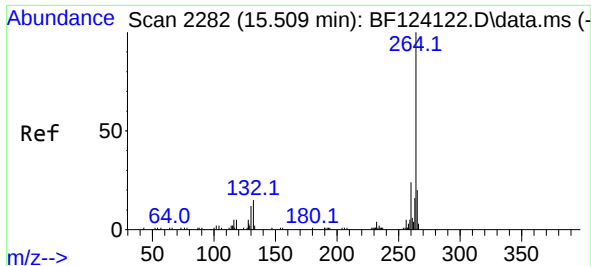


#83
Chrysene
Concen: 2.375 ng m
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

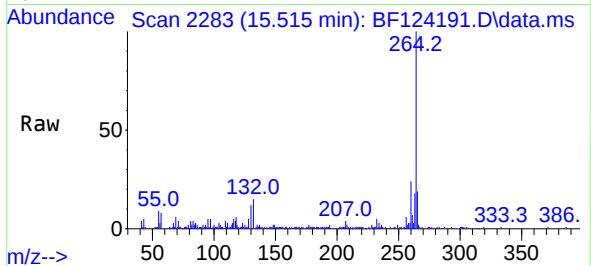


Tgt Ion:228 Resp: 14503
Ion Ratio Lower Upper
228 100
226 26.6 24.3 36.5
229 24.2 16.2 24.2

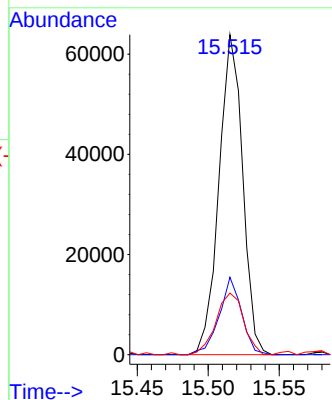
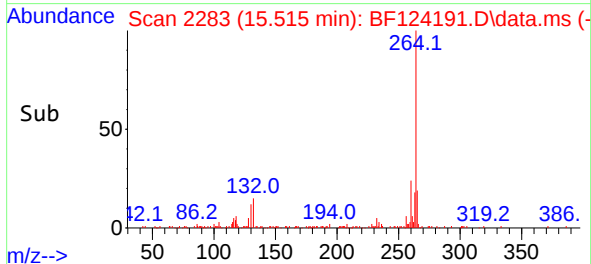




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



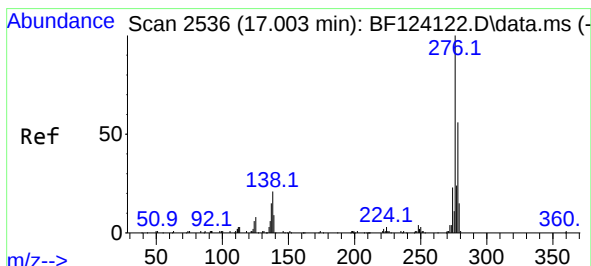
Tgt Ion:264 Resp: 73956
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 19.3 17.8 26.8



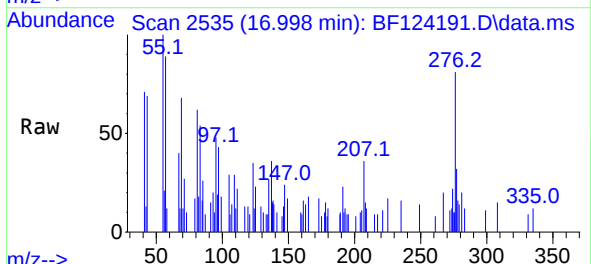
Instrument :
BNA_F
ClientSampleId :
OK-02-060721

Manual Integrations
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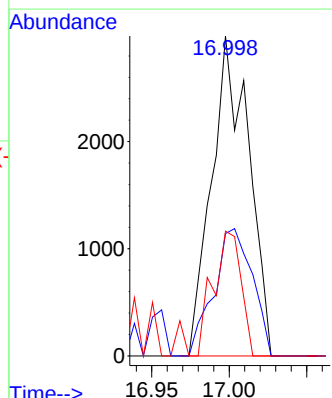
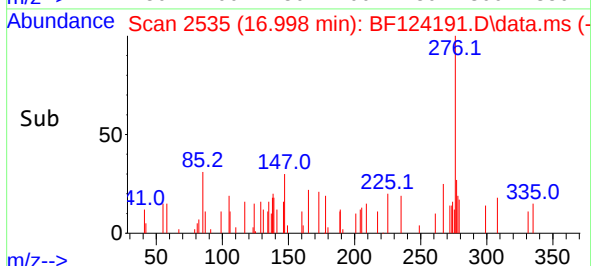
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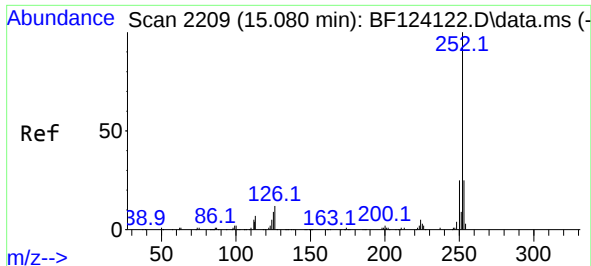


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.069 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



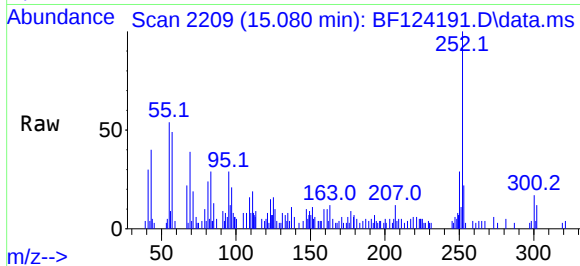
Tgt Ion:276 Resp: 4966
Ion Ratio Lower Upper
276 100
138 41.4 16.2 24.2#
277 29.3 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 3.278 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17

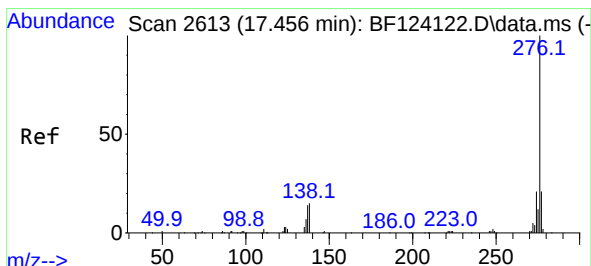
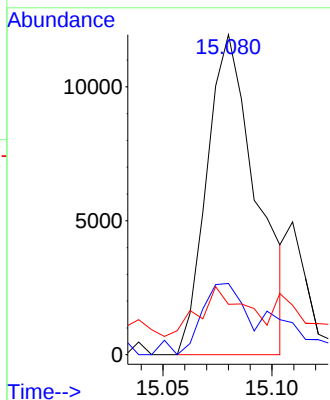
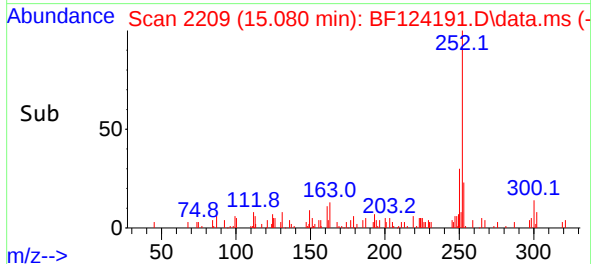
Instrument :
BNA_F
ClientSampleId :
OK-02-060721



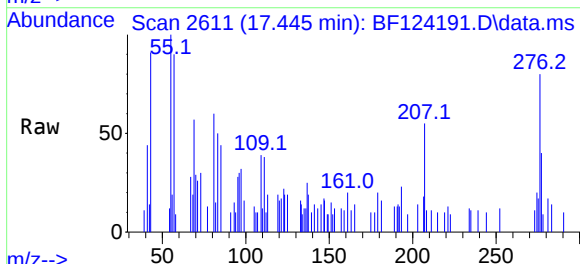
Tgt Ion:252 Resp: 18832
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 15.7 6.2 9.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.950 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124191.D
Acq: 8 Jun 2021 21:17



Tgt Ion:276 Resp: 6434
Ion Ratio Lower Upper
276 100
277 49.4 18.2 27.2#
138 0.0 13.8 20.6#

