

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124211.D
 Acq On : 9 Jun 2021 16:23
 Operator : JU/CG
 Sample : M2624-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Manual Integrations
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Quant Time: Jun 09 16:45:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 14:34:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33370	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	124710	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	72791	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	125653	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	82330	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	81322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	213117	96.138	ng	0.00
7) Phenol-d6	6.492	99	268308	90.046	ng	0.00
23) Nitrobenzene-d5	7.410	82	208913	66.440	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	96366	93.444	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	352318	60.907	ng	0.00
79) Terphenyl-d14	12.957	244	261827	43.663	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	40835	5.202	ng	97
75) Fluoranthene	12.586	202	58227	7.067	ng	94
78) Pyrene	12.815	202	42713m	5.403	ng	
81) Benzo(a)anthracene	14.004	228	22001m	3.668	ng	
83) Chrysene	14.039	228	24718	4.272	ng	95
87) Indeno(1,2,3-cd)pyrene	16.962	276	11171	5.837	ng	# 86
88) Benzo(b)fluoranthene	15.056	252	34296m	5.429	ng	
90) Benzo(a)pyrene	15.427	252	21381	3.897	ng	98
92) Benzo(g,h,i)perylene	17.409	276	9441	5.332	ng	# 87

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

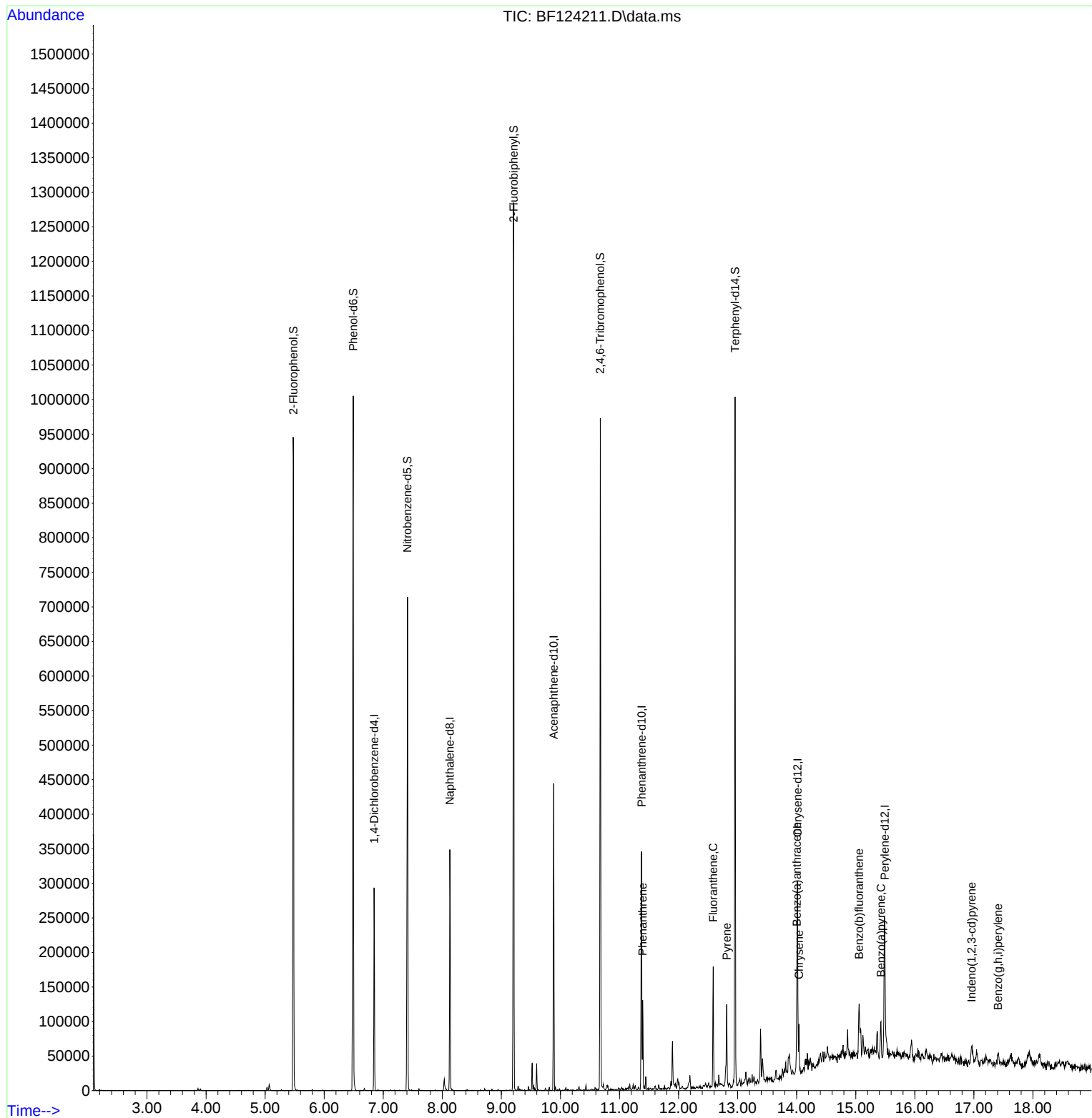
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Data File : BF124211.D
Acq On : 9 Jun 2021 16:23
Operator : JU/CG
Sample : M2624-01
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ALS Vial : 8 Sample Multiplier: 1

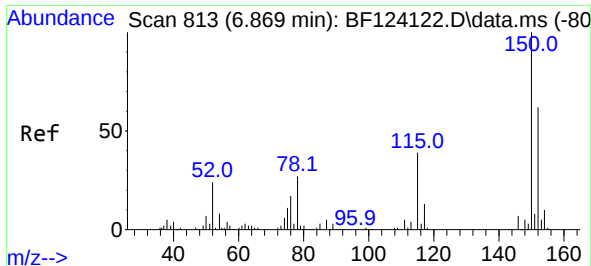
Instrument :
BNA_F
ClientSampleId :
G-1

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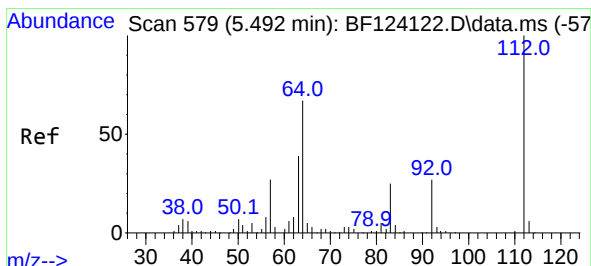
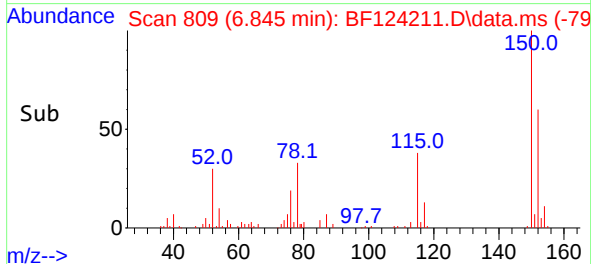
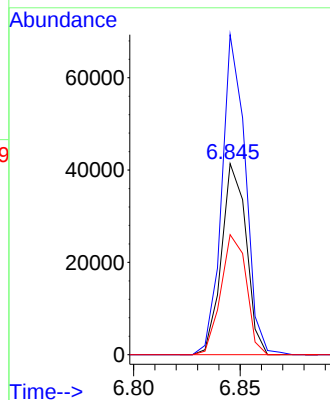
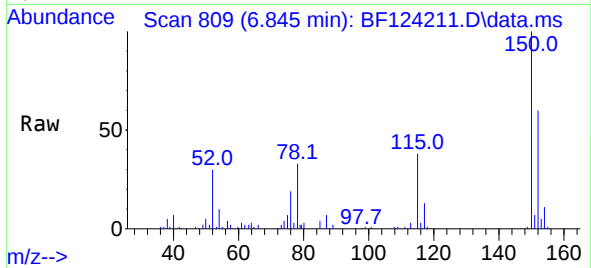
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:152 Resp: 33370
Ion Ratio Lower Upper
152 100
150 167.5 127.0 190.6
115 62.8 54.3 81.5

Instrument :
BNA_F
ClientSampled :
G-1

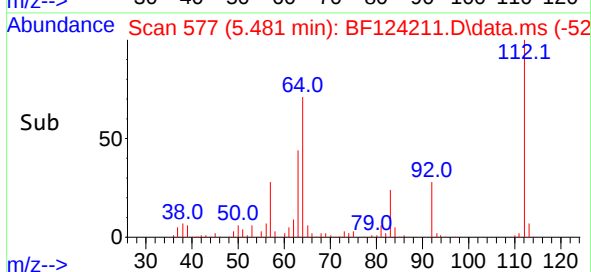
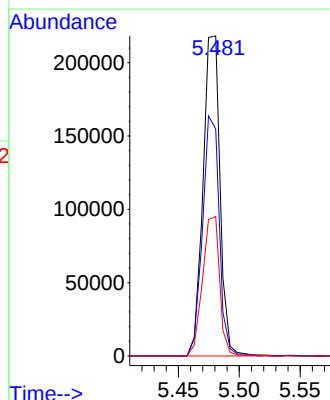
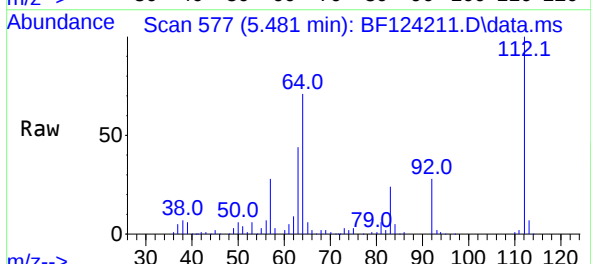
Manual Integrations
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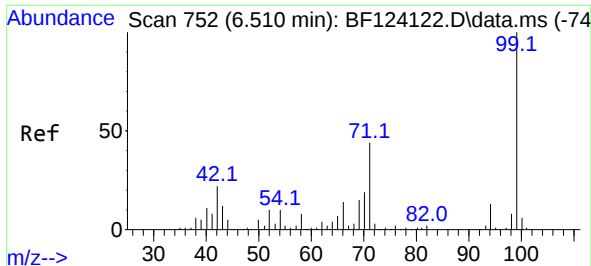
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#5
2-Fluorophenol
Concen: 96.138 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:112 Resp: 213117
Ion Ratio Lower Upper
112 100
64 70.9 61.4 92.0
63 43.5 33.0 49.4





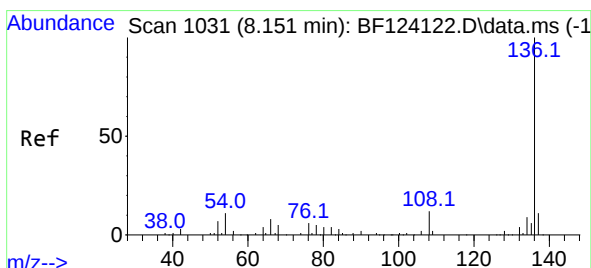
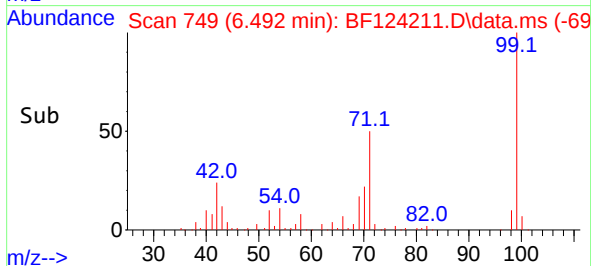
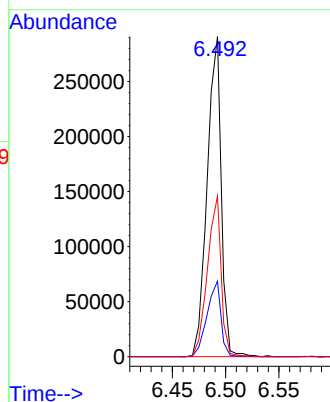
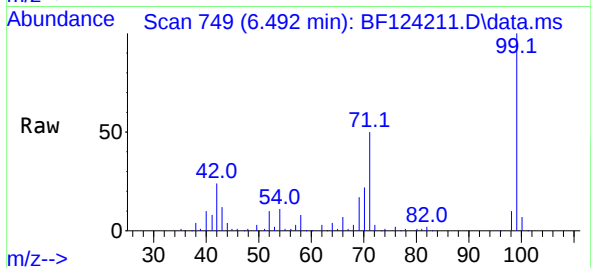
#7
Phenol-d6
Concen: 90.046 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion: 99 Resp: 268308
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 50.2 31.1 46.7#

Instrument :
BNA_F
ClientSampled :
G-1

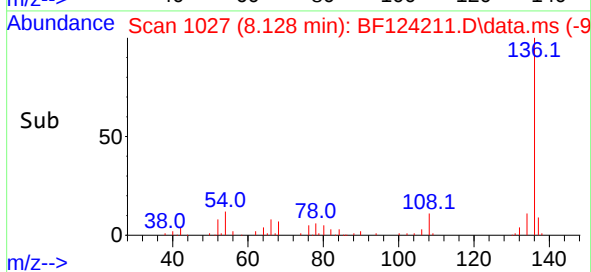
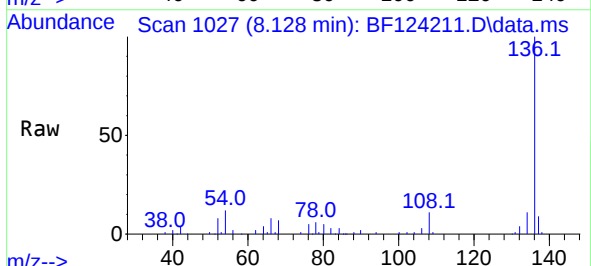
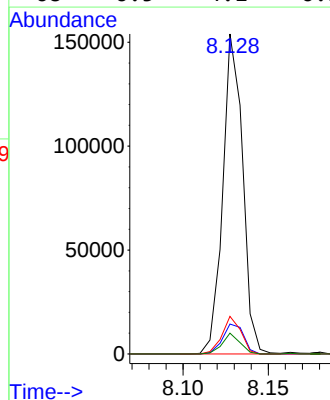
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

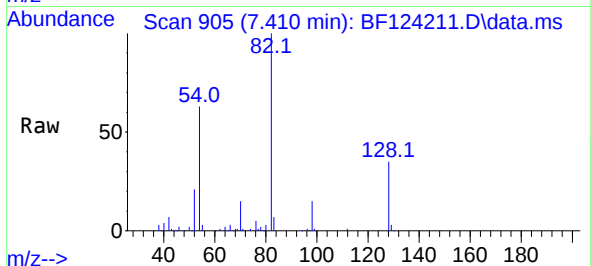
Tgt Ion: 136 Resp: 124710
Ion Ratio Lower Upper
136 100
137 9.4 8.7 13.1
54 11.7 9.8 14.6
68 6.5 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 66.440 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

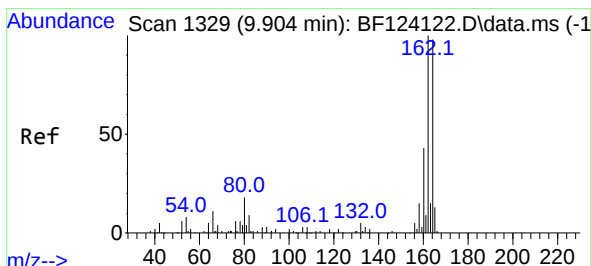
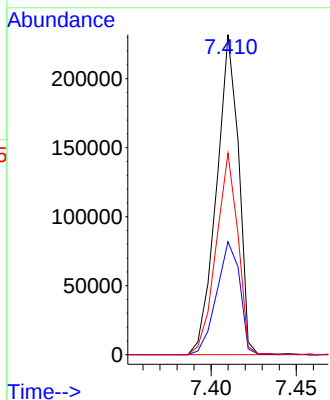
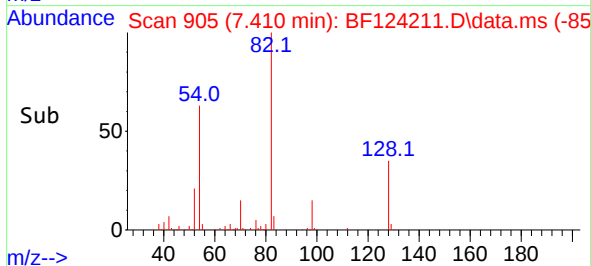
Instrument :
BNA_F
ClientSampled :
G-1



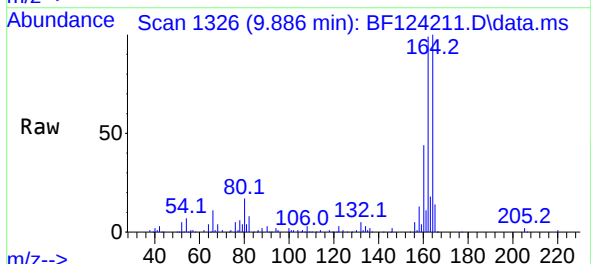
Tgt Ion: 82 Resp: 208913
Ion Ratio Lower Upper
82 100
128 35.3 29.4 44.2
54 63.0 54.1 81.1

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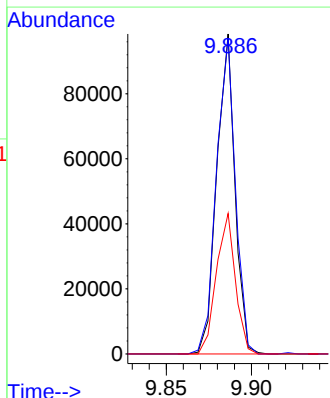
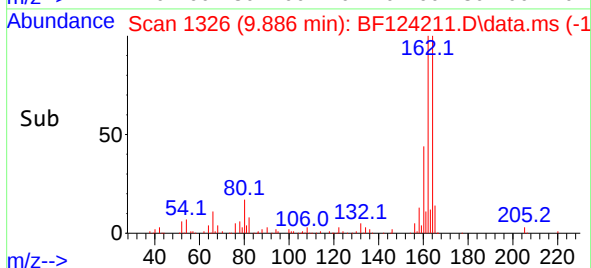
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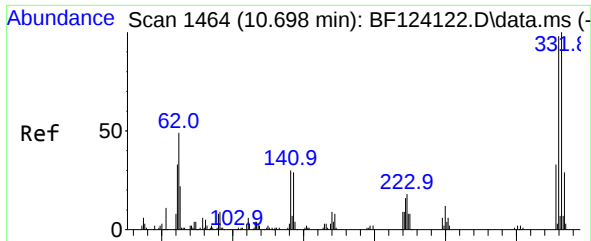


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

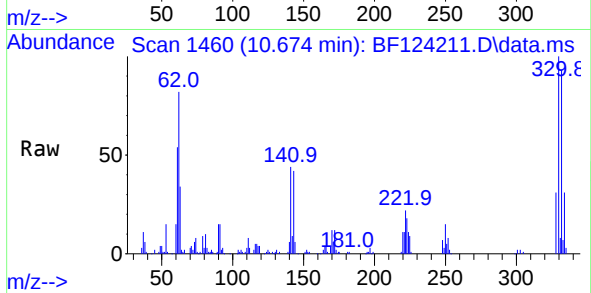


Tgt Ion: 164 Resp: 72791
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 43.9 37.3 55.9

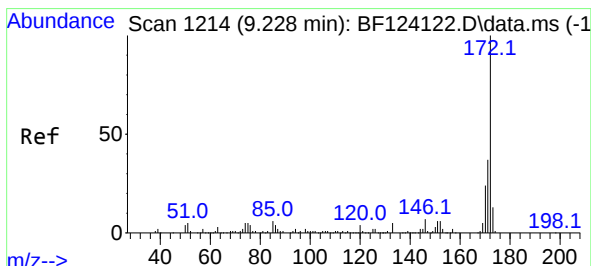
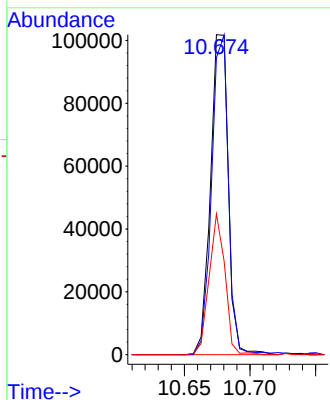
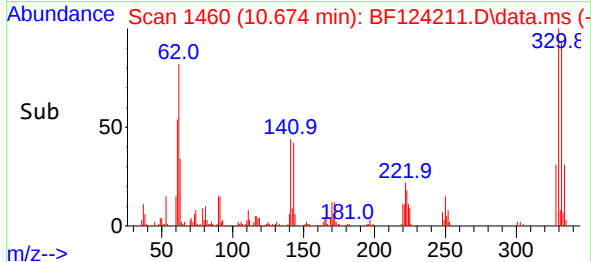




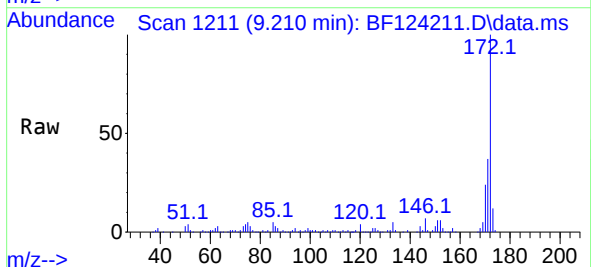
#42
2,4,6-Tribromophenol
Concen: 93.444 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



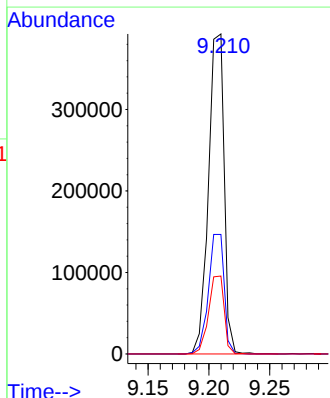
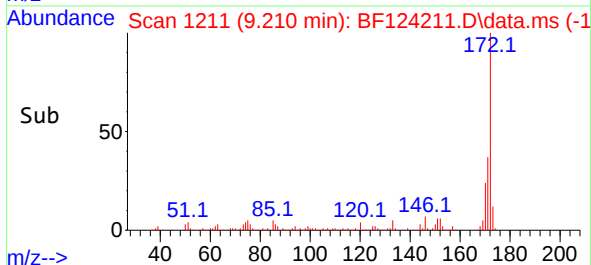
Tgt Ion:330 Resp: 96366
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.907 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



Tgt Ion:172 Resp: 352318
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 24.4 19.2 28.8



Instrument :
BNA_F
ClientSampled :
G-1

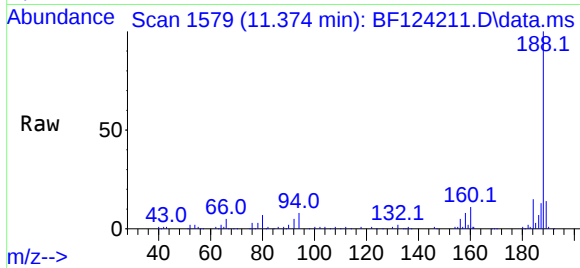
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

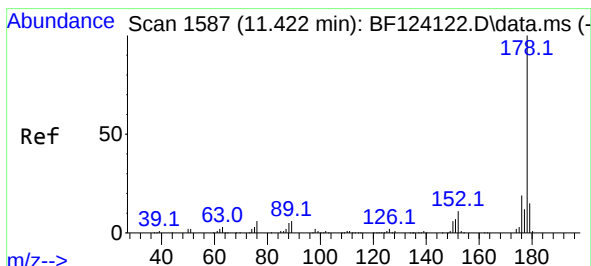
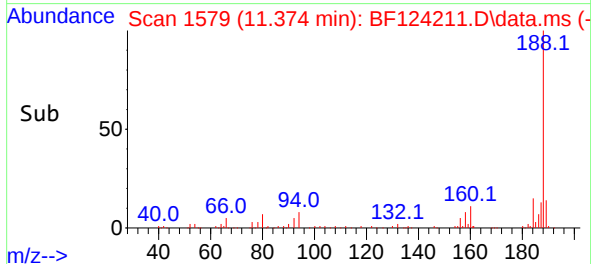
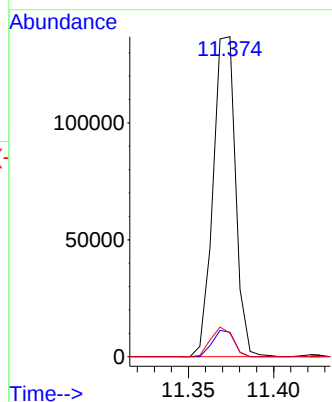
Instrument :
BNA_F
ClientSampled :
G-1



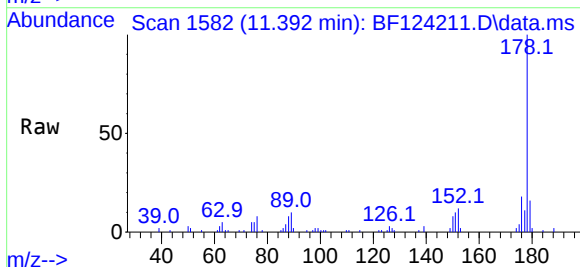
Tgt Ion:188 Resp: 125653
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 7.4 8.2 12.2#

Manual Integrations
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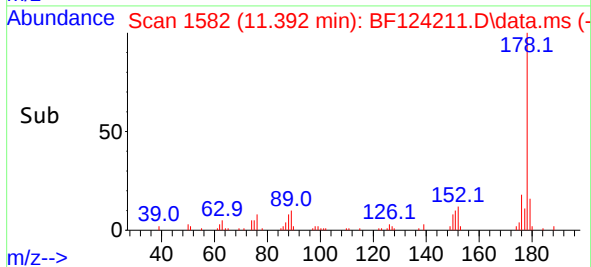
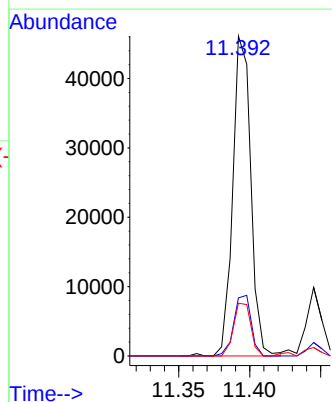
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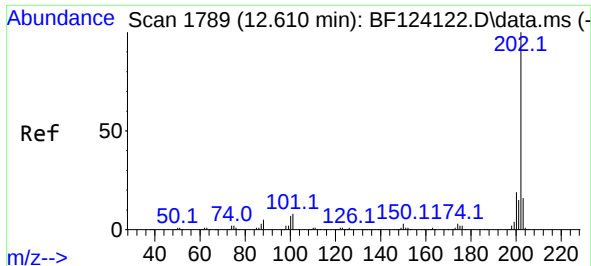


#71
Phenanthrene
Concen: 5.202 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

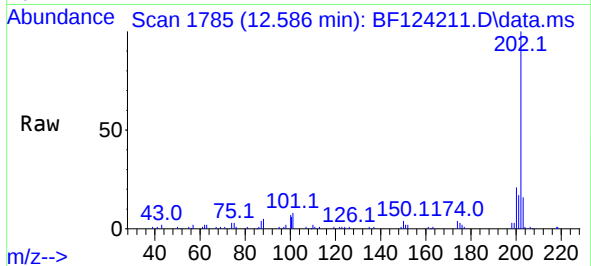


Tgt Ion:178 Resp: 40835
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 16.5 12.5 18.7

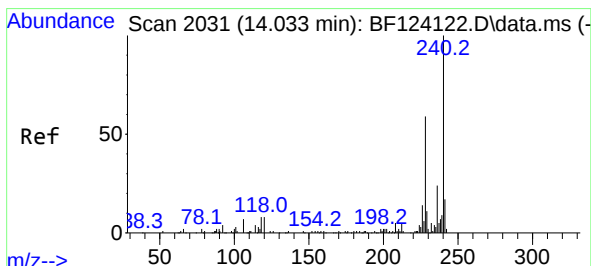
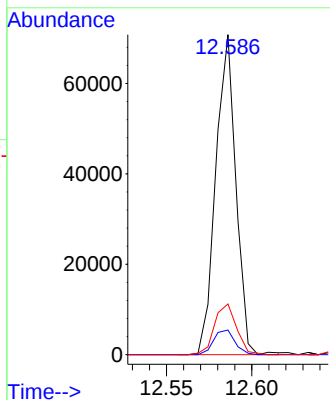
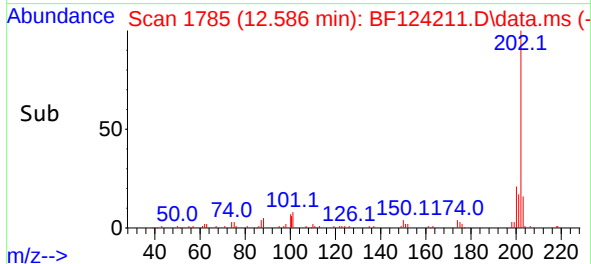




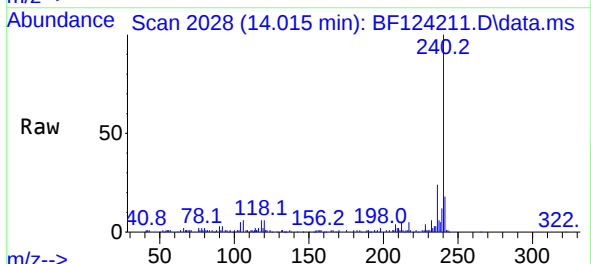
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Fluoranthene
Concen: 7.067 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



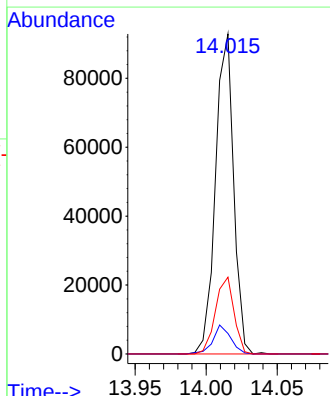
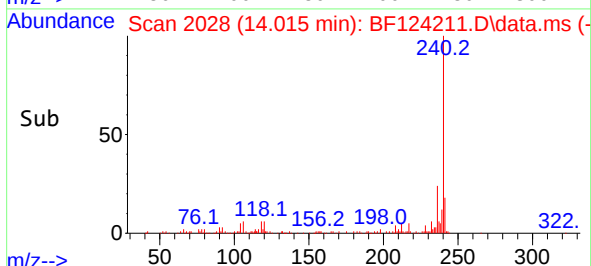
Tgt Ion:202 Resp: 58227
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.9
203 15.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



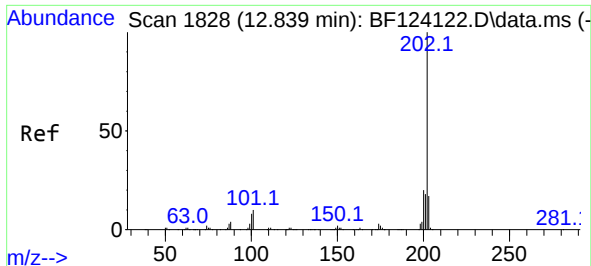
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Ion Ratio Lower Upper
240 100
120 6.4 7.2 10.8#
236 24.0 19.0 28.4



Instrument :
BNA_F
ClientSampled :
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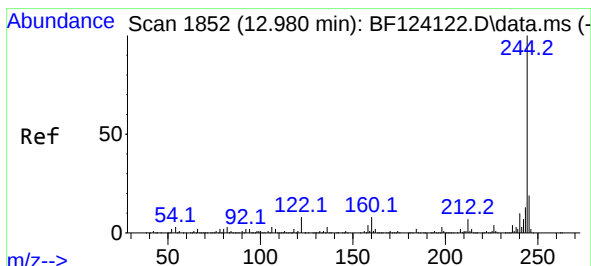
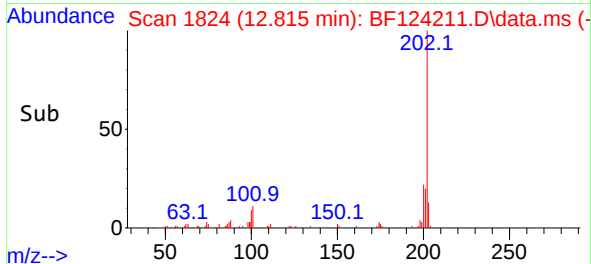
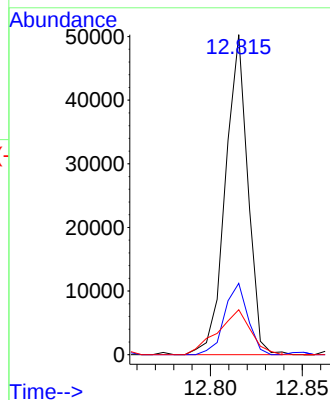
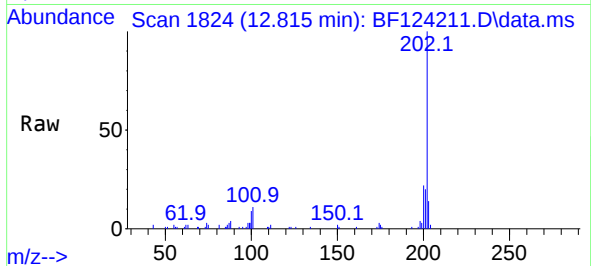
#78
Pyrene
Concen: 5.403 ng m
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:202 Resp: 42713
Ion Ratio Lower Upper
202 100
200 22.3 16.1 24.1
203 14.1 14.8 22.2#

Instrument :
BNA_F
ClientSampled :
G-1

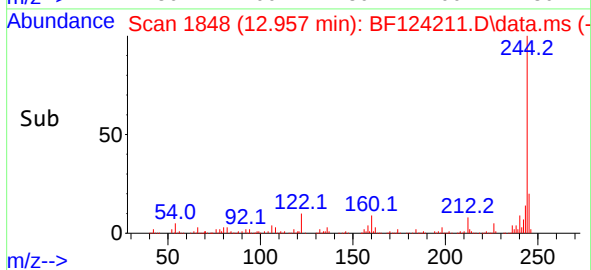
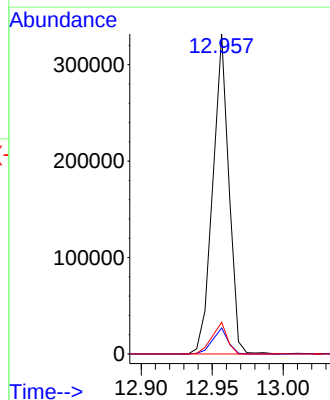
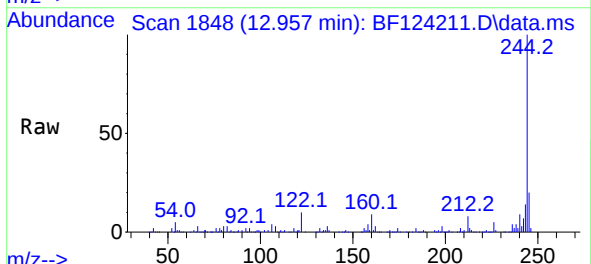
Manual Integrations
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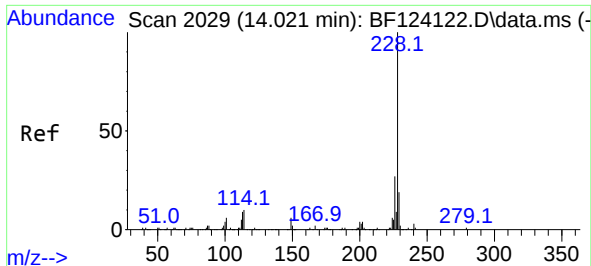
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#79
Terphenyl-d14
Concen: 43.663 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:244 Resp: 261827
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.9 9.7 14.5





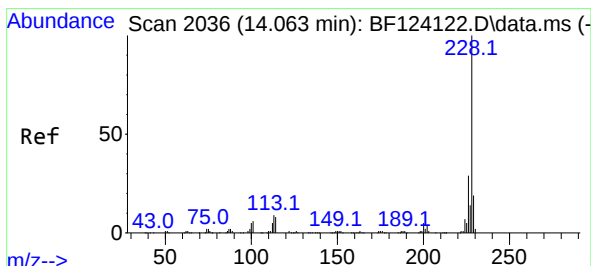
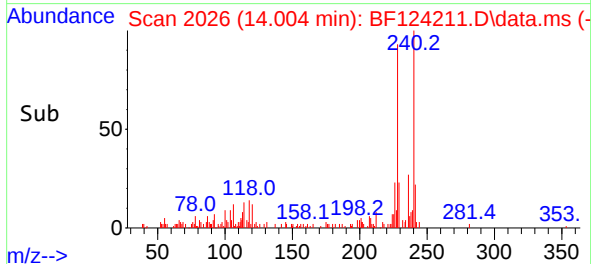
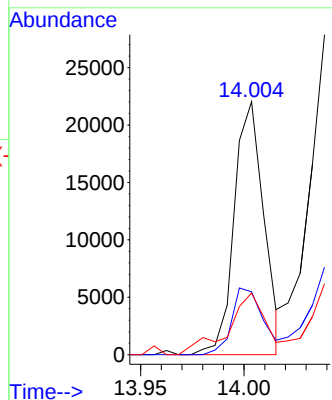
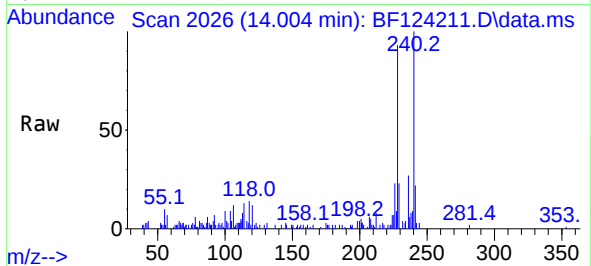
#81
Benzo(a)anthracene
Concen: 3.668 ng m
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:228 Resp: 22001
Ion Ratio Lower Upper
228 100
226 24.9 22.4 33.6
229 24.3 16.0 24.0#

Instrument :
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ClientSampleId :
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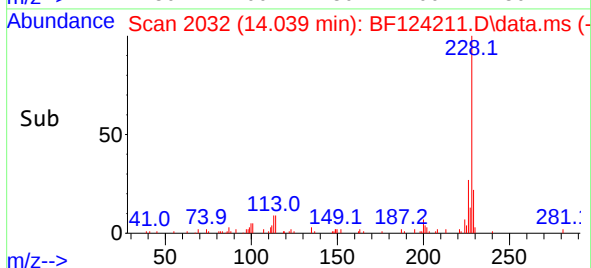
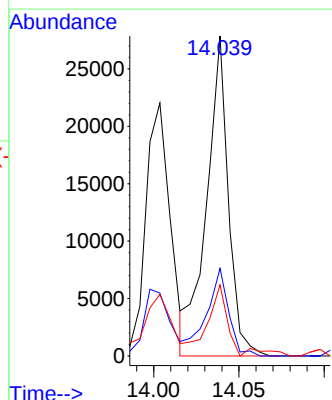
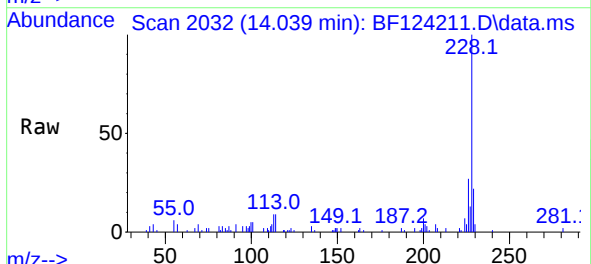
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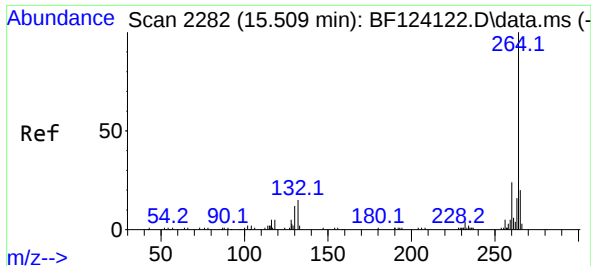
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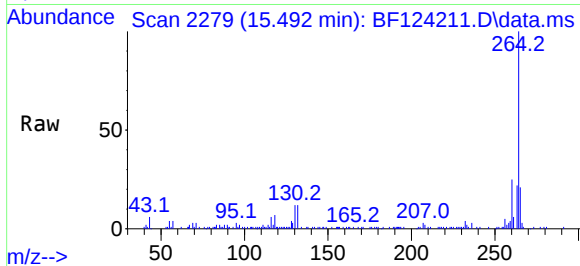
#83
Chrysene
Concen: 4.272 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:228 Resp: 24718
Ion Ratio Lower Upper
228 100
226 27.4 24.3 36.5
229 22.2 16.2 24.2

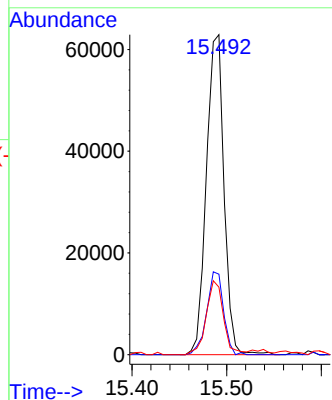
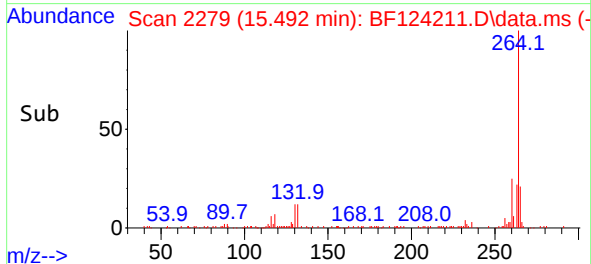




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



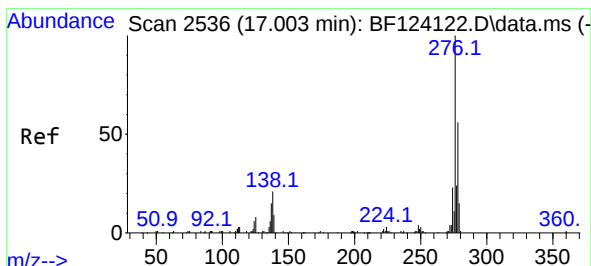
Tgt Ion:264 Resp: 81322
Ion Ratio Lower Upper
264 100
260 25.1 18.7 28.1
265 21.1 17.8 26.8



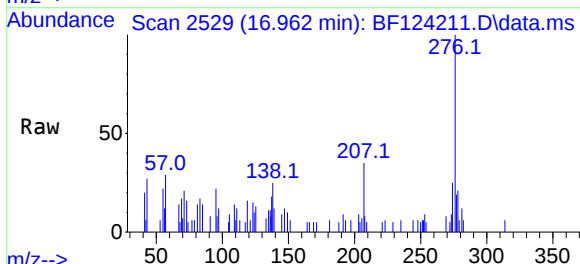
Instrument :
BNA_F
ClientSampled :
G-1

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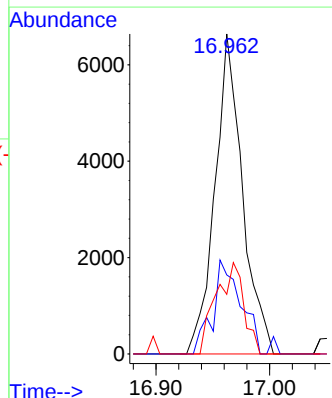
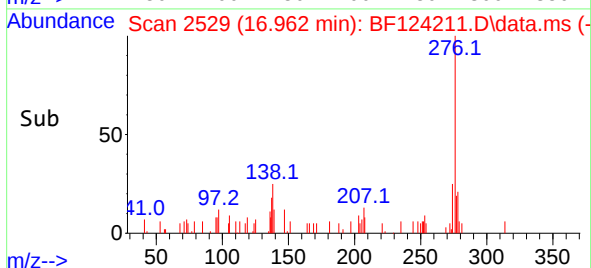
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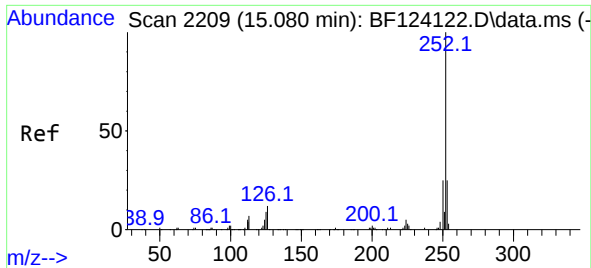


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.837 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.018 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23



Tgt Ion:276 Resp: 11171
Ion Ratio Lower Upper
276 100
138 30.1 16.2 24.2#
277 28.8 20.1 30.1





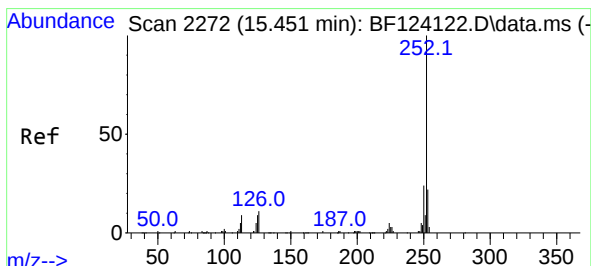
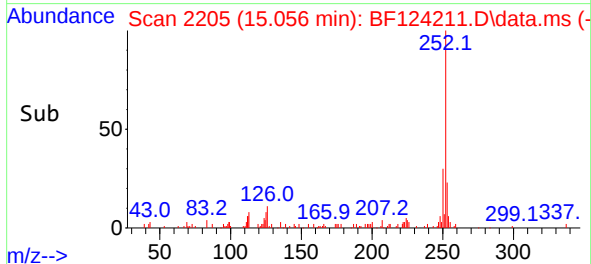
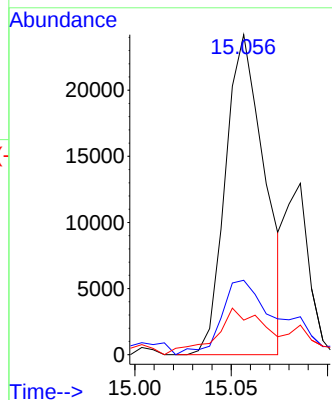
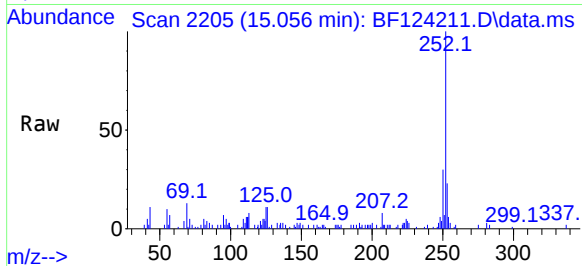
#88
Benzo(b)fluoranthene
Concen: 5.429 ng m
RT: 15.056 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:252 Resp: 34296
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.8 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
G-1

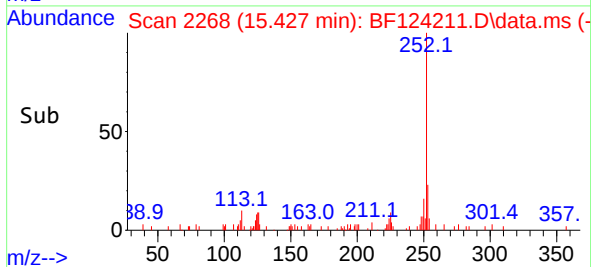
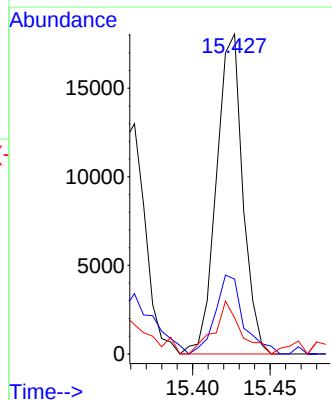
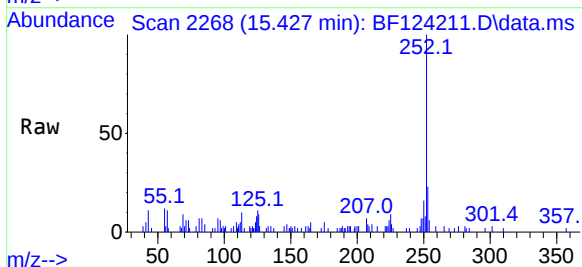
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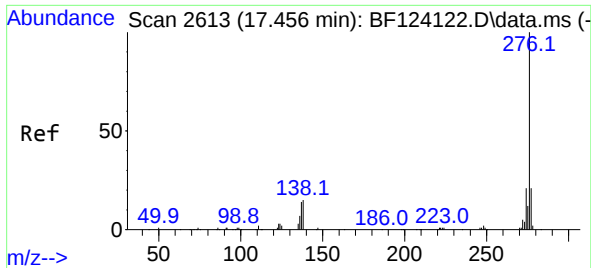
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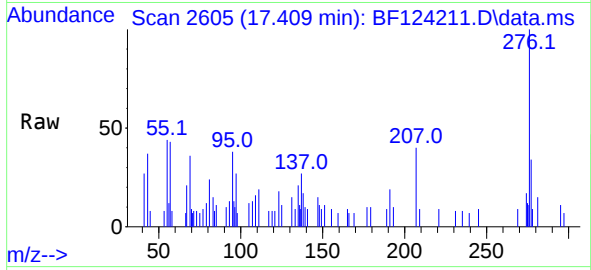
#90
Benzo(a)pyrene
Concen: 3.897 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF124211.D
Acq: 9 Jun 2021 16:23

Tgt Ion:252 Resp: 21381
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 11.3 8.0 12.0

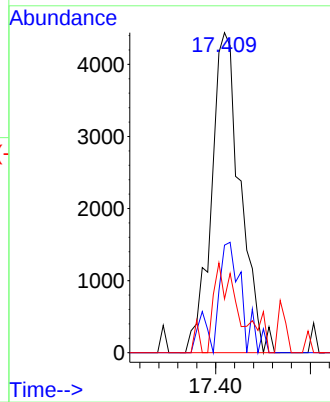
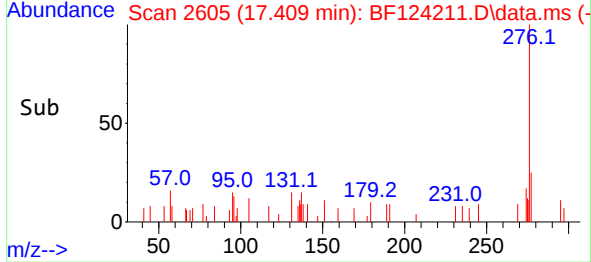




#92
 Benzo(g,h,i)perylene
 Concen: 5.332 ng
 RT: 17.409 min Scan# 2605
 Delta R.T. -0.023 min
 Lab File: BF124211.D
 Acq: 9 Jun 2021 16:23



Tgt Ion: 276 Resp: 9441
 Ion Ratio Lower Upper
 276 100
 277 33.6 18.2 27.2#
 138 16.8 13.8 20.6



Instrument :
 BNA_F
 ClientSampleId :
 G-1

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