

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124170.D
 Acq On : 7 Jun 2021 22:36
 Operator : JU/CG
 Sample : M2589-16DL 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B11(4-6)DL

Manual Integrations
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Quant Time: Jun 08 01:31:13 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	34062	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	123327	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	61329	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	108874	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	80387	20.000	ng	0.00
86) Perylene-d12	15.515	264	54157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2625	1.160	ng	0.00
7) Phenol-d6	6.504	99	2989	0.983	ng	0.00
23) Nitrobenzene-d5	7.416	82	2829	0.910	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	789	0.908	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4491	0.921	ng	-0.01
79) Terphenyl-d14	12.968	244	5155	0.880	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	32190	4.733	ng	94
75) Fluoranthene	12.604	202	45588	6.386	ng	97
78) Pyrene	12.833	202	37394	4.844	ng	95
81) Benzo(a)anthracene	14.021	228	17594	3.004	ng	93
83) Chrysene	14.057	228	14031	2.483	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.015	149	432058	115.992	ng	96
87) Indeno(1,2,3-cd)pyrene	16.998	276	4592	5.262	ng	# 65
88) Benzo(b)fluoranthene	15.080	252	14556m	3.460	ng	
90) Benzo(a)pyrene	15.451	252	9297	2.544	ng	# 89
92) Benzo(g,h,i)perylene	17.439	276	5030	5.027	ng	# 52

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

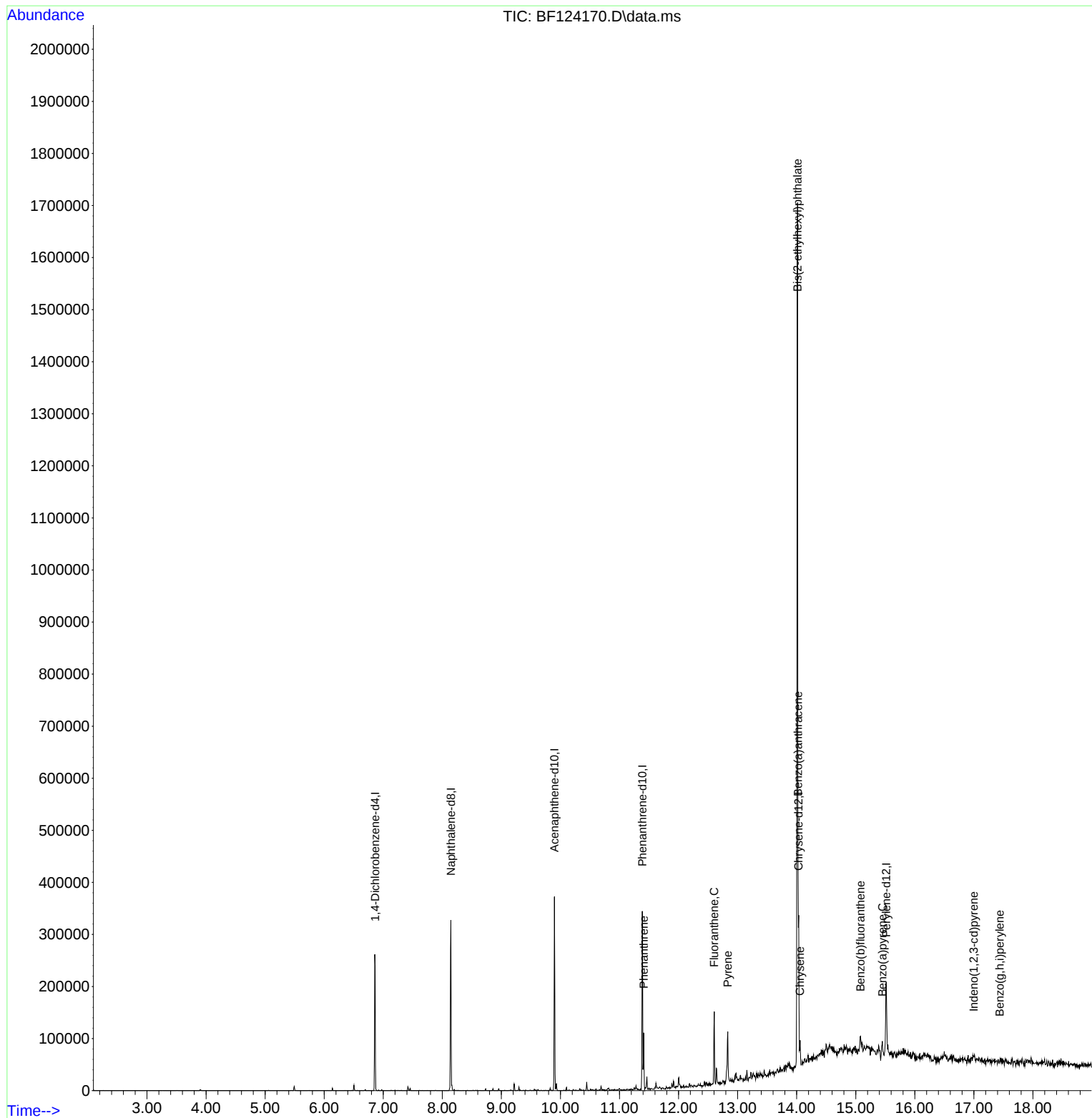
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124170.D
Acq On : 7 Jun 2021 22:36
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Misc :
ALS Vial : 21 Sample Multiplier: 1

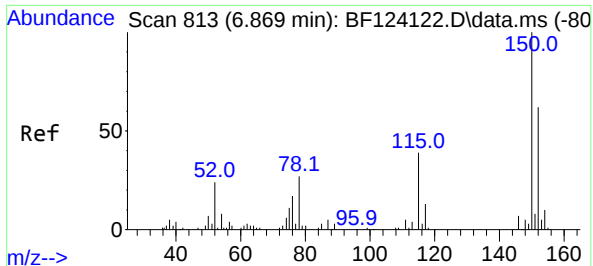
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL

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Quant Time: Jun 08 01:31:13 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





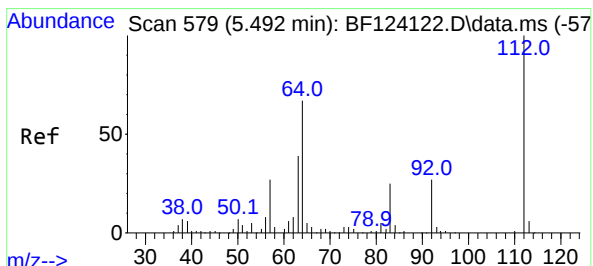
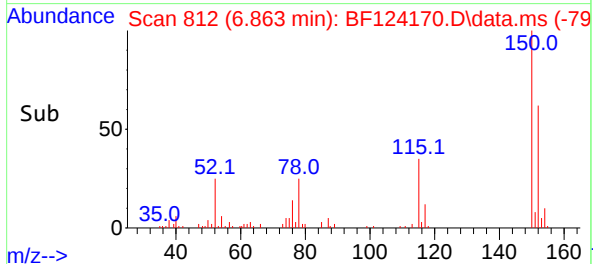
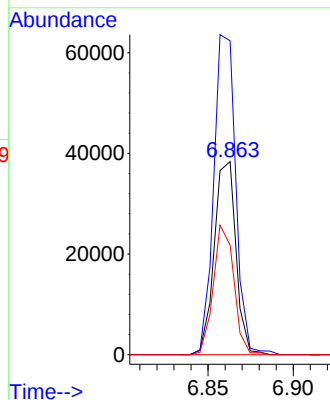
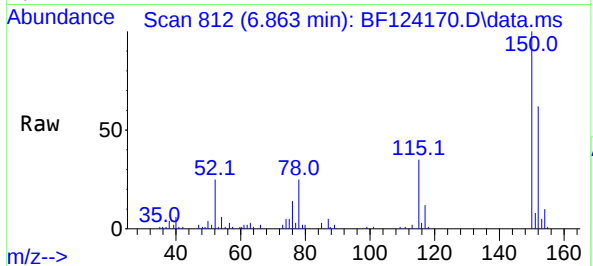
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:152 Resp: 34062
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 56.7 54.3 81.5

Instrument :
BNA_F
ClientSampleID :
18-B11(4-6)DL

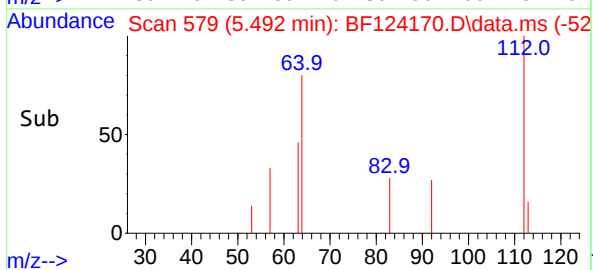
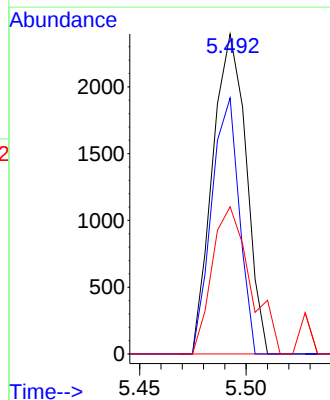
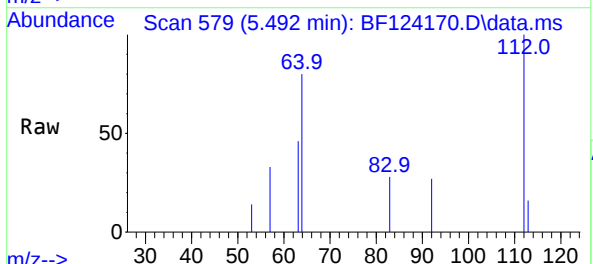
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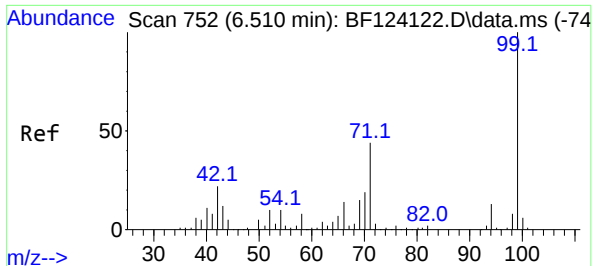
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#5
2-Fluorophenol
Concen: 1.160 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:112 Resp: 2625
Ion Ratio Lower Upper
112 100
64 80.0 61.4 92.0
63 46.0 33.0 49.4





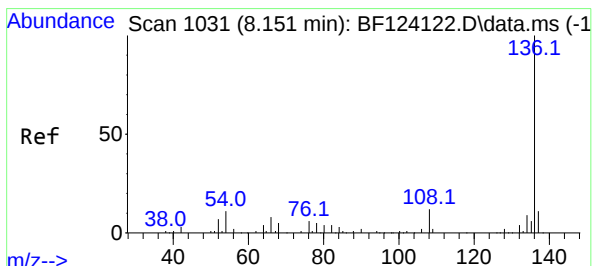
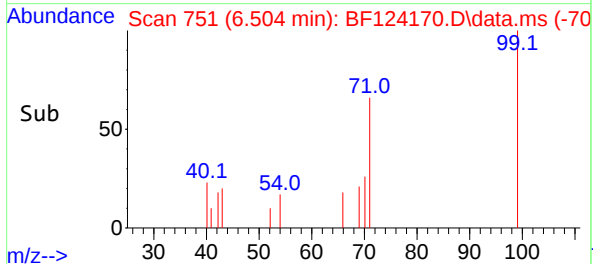
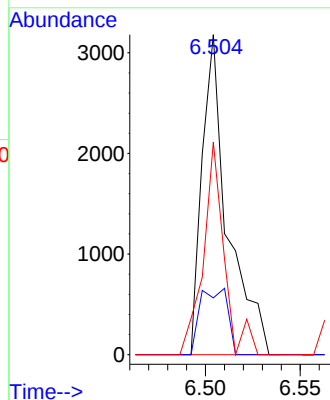
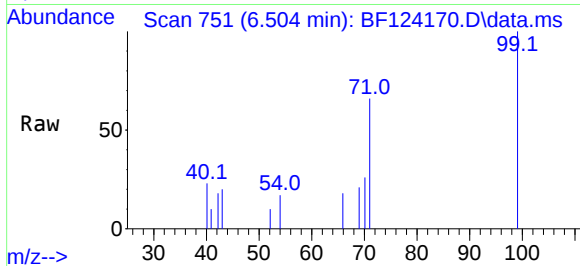
#7
Phenol-d6
Concen: 0.983 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:	99	Resp:	2989
Ion	Ratio	Lower	Upper
99	100		
42	17.8	19.8	29.8#
71	66.4	31.1	46.7#

Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL

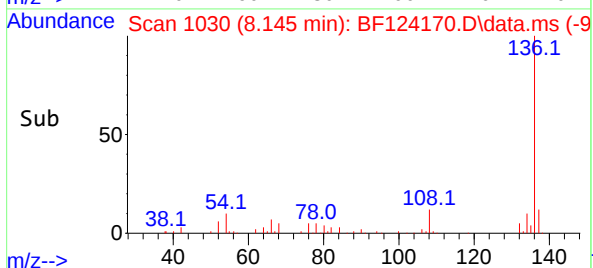
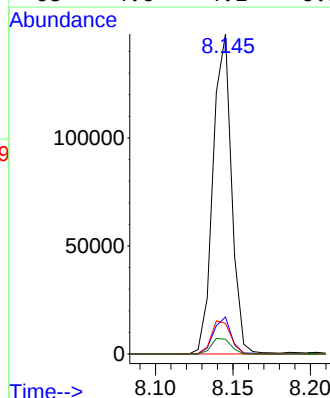
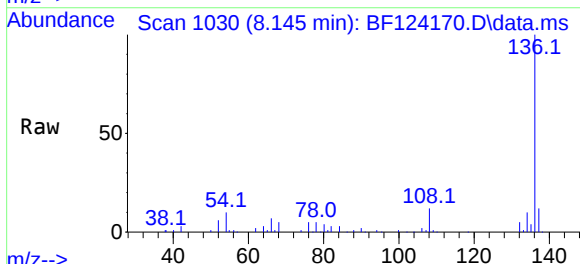
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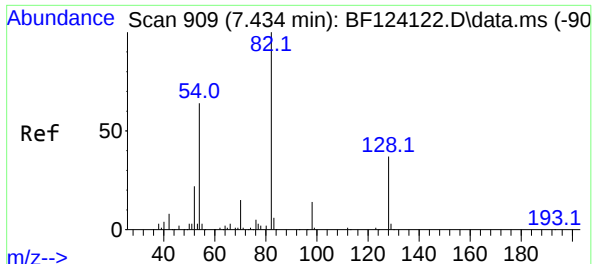
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

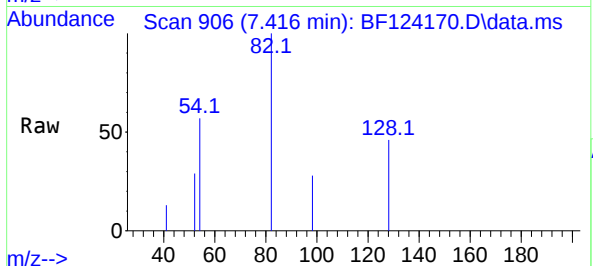
Tgt Ion:	136	Resp:	123327
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.6	9.8	14.6#
68	4.6	4.1	6.1





#23
Nitrobenzene-d5
Concen: 0.910 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

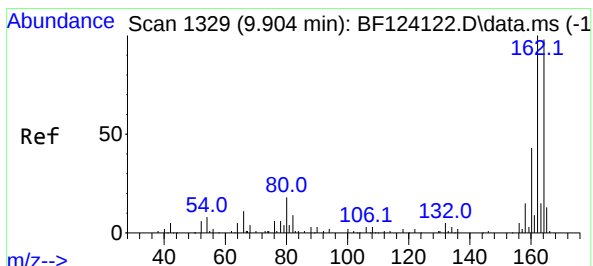
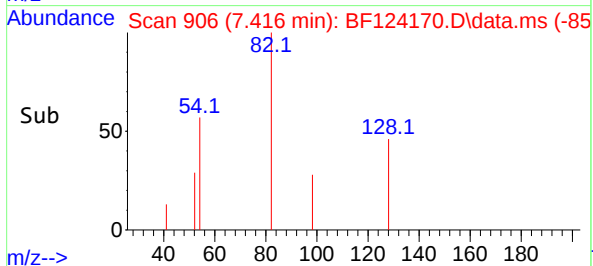
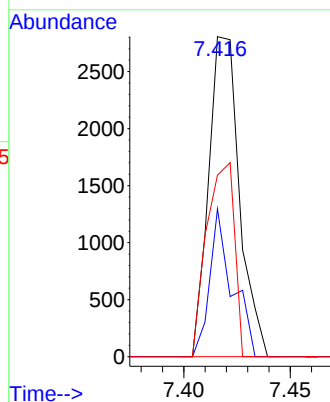
Instrument :
BNA_F
ClientSampled :
18-B11(4-6)DL



Tgt Ion: 82 Resp: 2829
Ion Ratio Lower Upper
82 100
128 46.2 29.4 44.2#
54 56.7 54.1 81.1

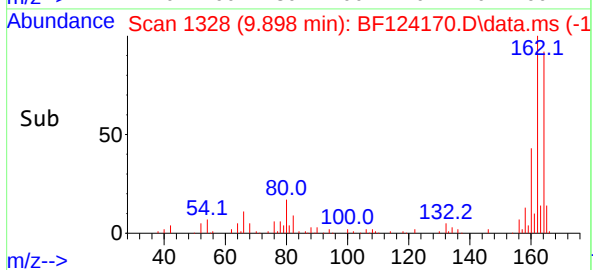
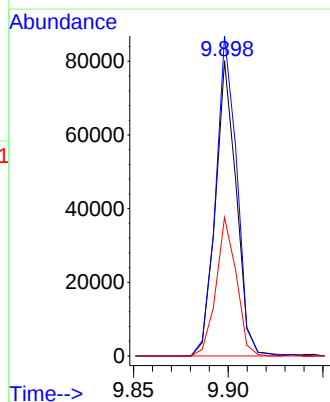
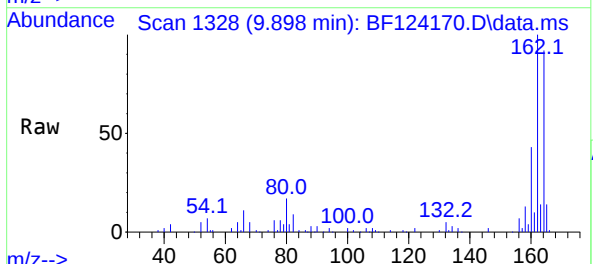
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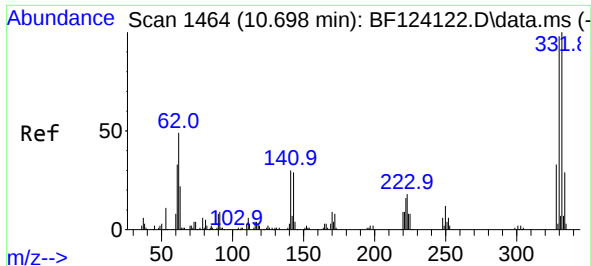
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

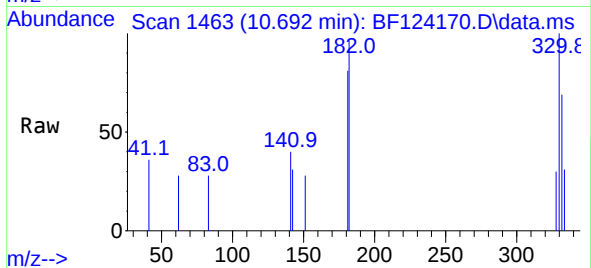
Tgt Ion: 164 Resp: 61329
Ion Ratio Lower Upper
164 100
162 108.4 80.7 121.1
160 47.0 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 0.908 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

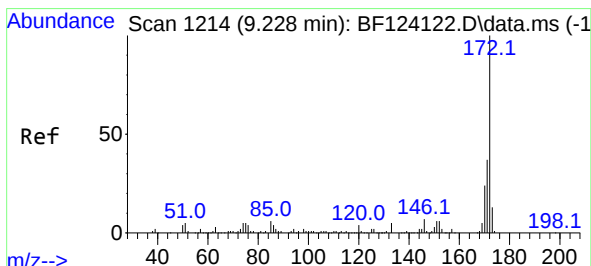
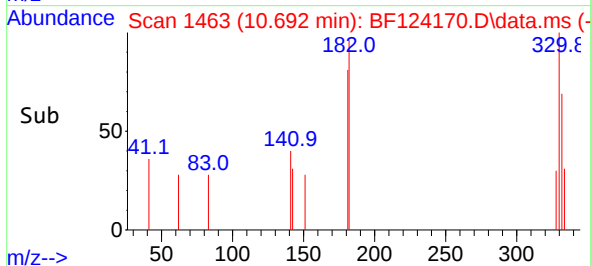
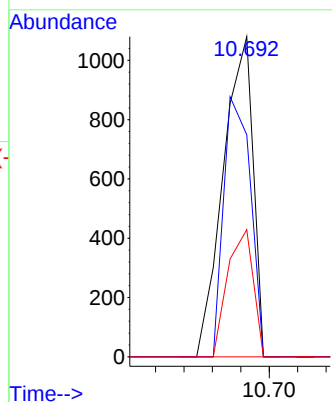
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ClientSampled :
18-B11(4-6)DL



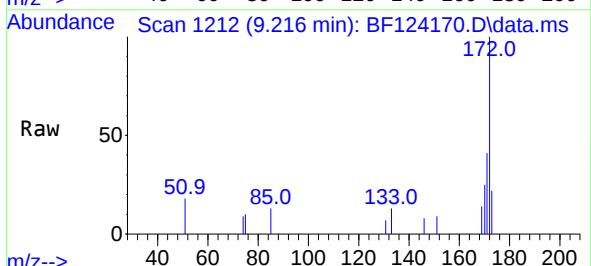
Tgt Ion:330 Resp: 789
Ion Ratio Lower Upper
330 100
332 72.8 77.1 115.7#
141 34.0 27.9 41.9

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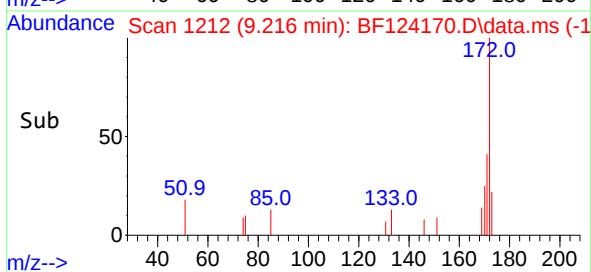
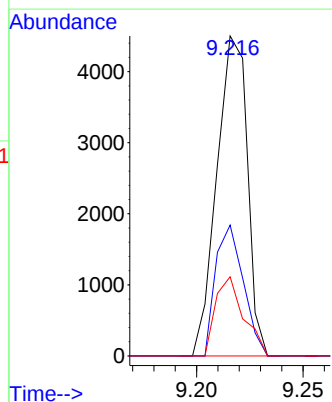
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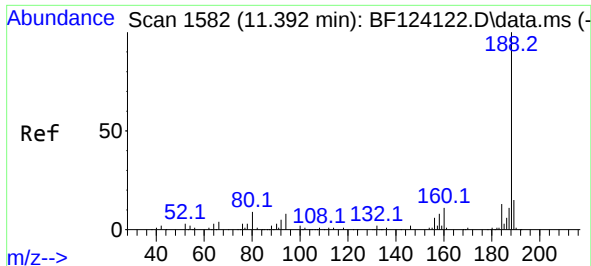


#45
2-Fluorobiphenyl
Concen: 0.921 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36



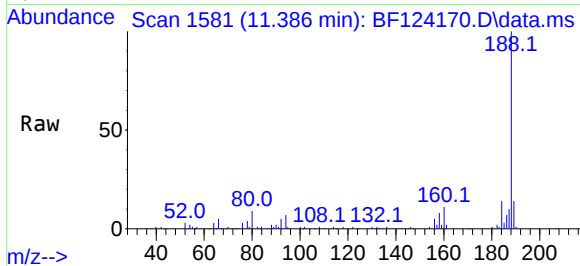
Tgt Ion:172 Resp: 4491
Ion Ratio Lower Upper
172 100
171 40.9 28.1 42.1
170 24.7 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

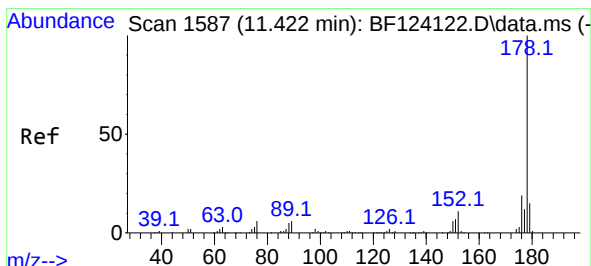
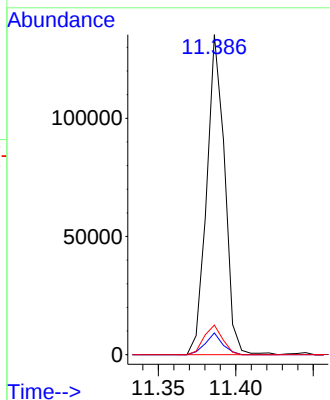
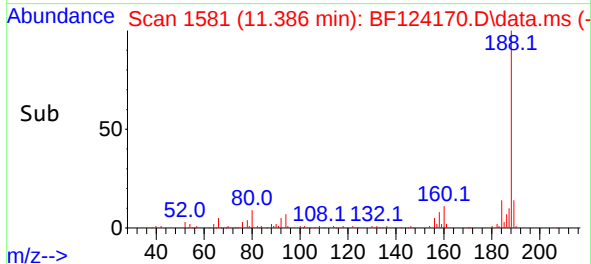
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL



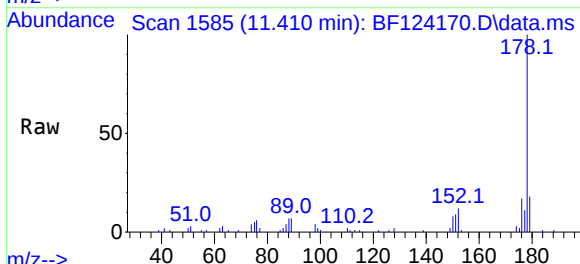
Tgt Ion:188 Resp: 108874
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 9.3 8.2 12.2

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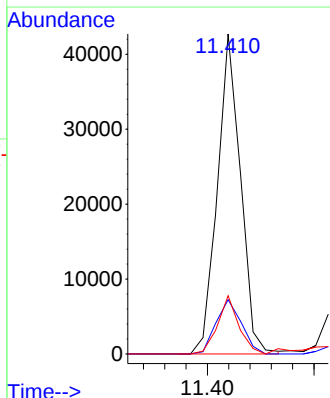
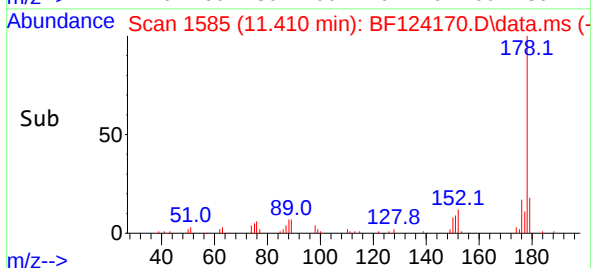
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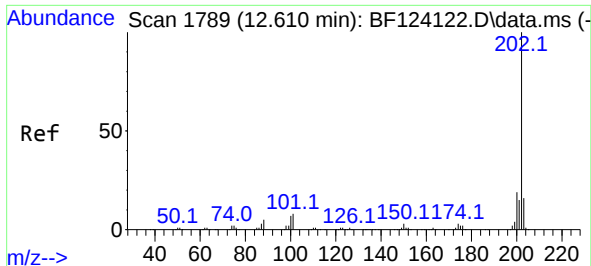


#71
Phenanthrene
Concen: 4.733 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36



Tgt Ion:178 Resp: 32190
Ion Ratio Lower Upper
178 100
176 16.9 15.6 23.4
179 18.2 12.5 18.7





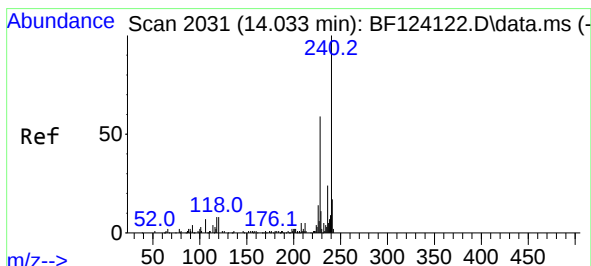
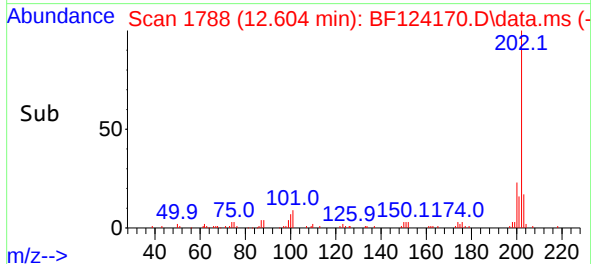
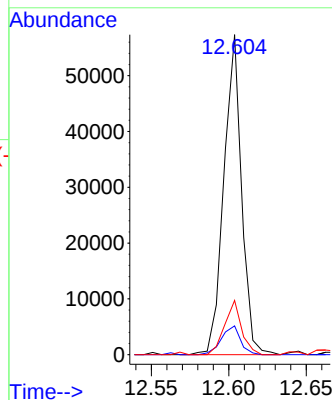
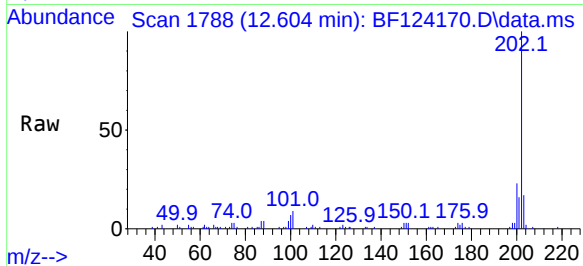
#75
Fluoranthene
Concen: 6.386 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:	202	Resp:	45588
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.9
203	16.9	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL

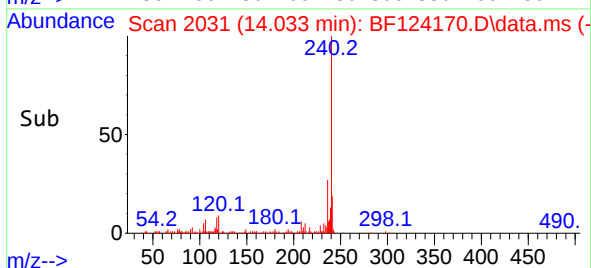
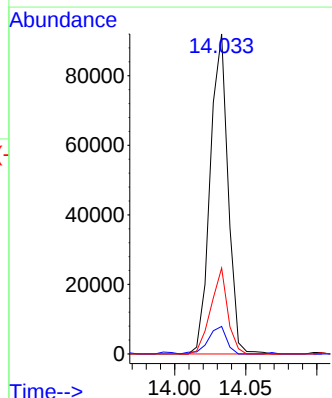
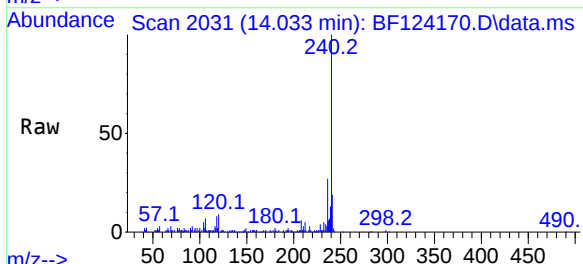
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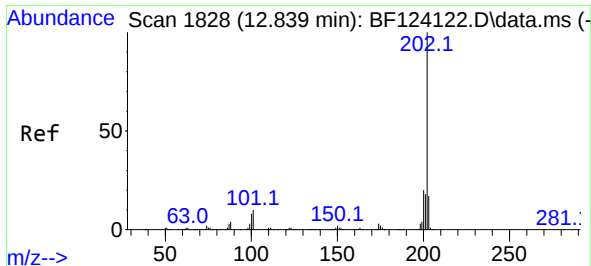
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:	240	Resp:	80387
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	26.9	19.0	28.4





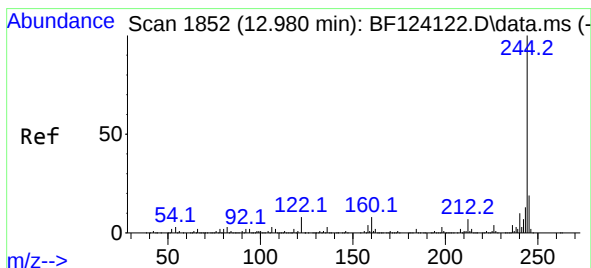
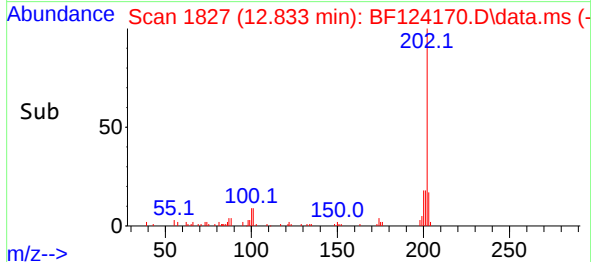
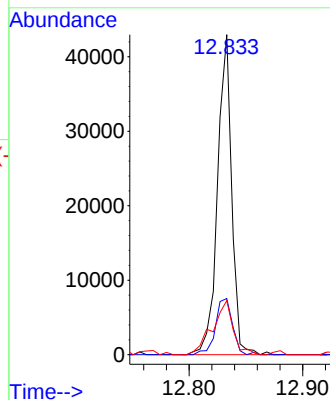
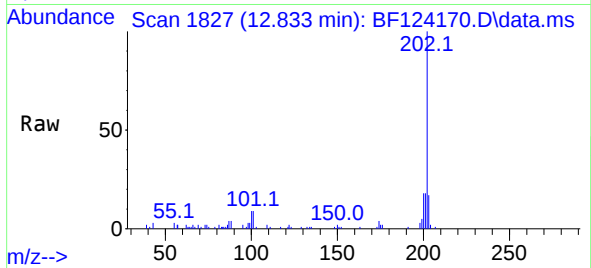
#78
Pyrene
Concen: 4.844 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:	202	Resp:	37394
Ion	Ratio	Lower	Upper
202	100		
200	17.6	16.1	24.1
203	16.9	14.8	22.2

Instrument :
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18-B11(4-6)DL

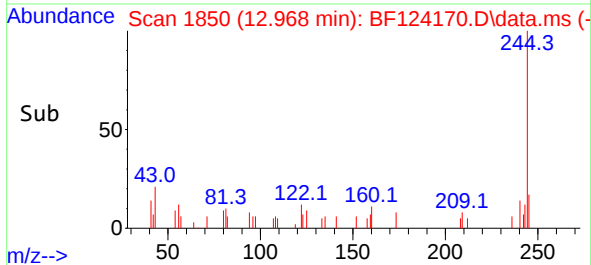
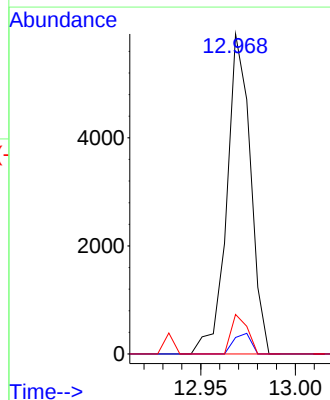
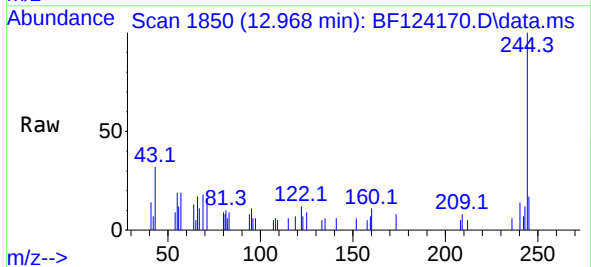
Manual Integrations
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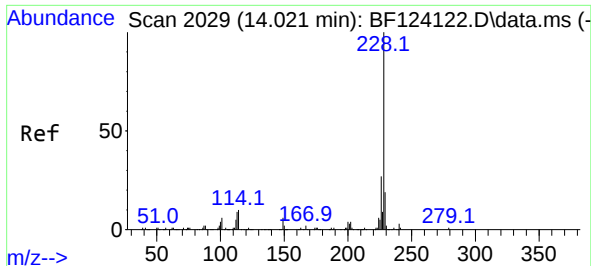
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#79
Terphenyl-d14
Concen: 0.880 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:	244	Resp:	5155
Ion	Ratio	Lower	Upper
244	100		
212	5.1	5.7	8.5#
122	12.3	9.7	14.5





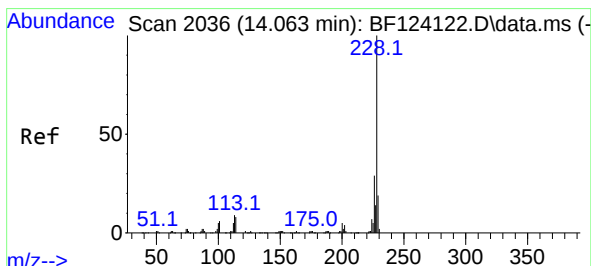
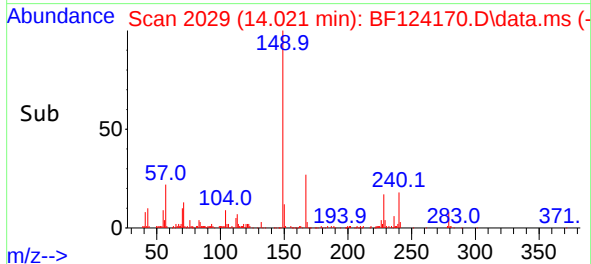
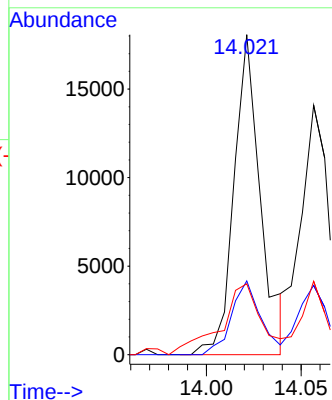
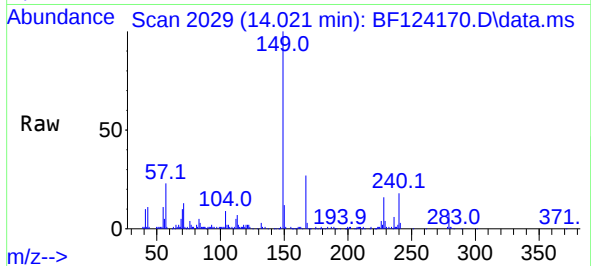
#81
Benzo(a)anthracene
Concen: 3.004 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:228 Resp: 17594
Ion Ratio Lower Upper
228 100
226 23.1 22.4 33.6
229 22.1 16.0 24.0

Instrument :
BNA_F
ClientSampleID :
18-B11(4-6)DL

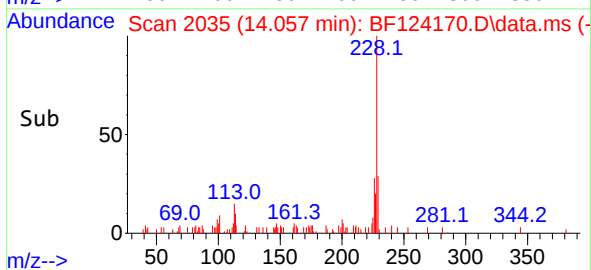
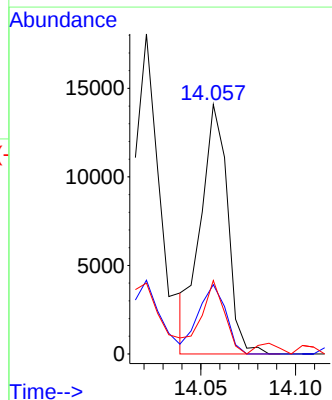
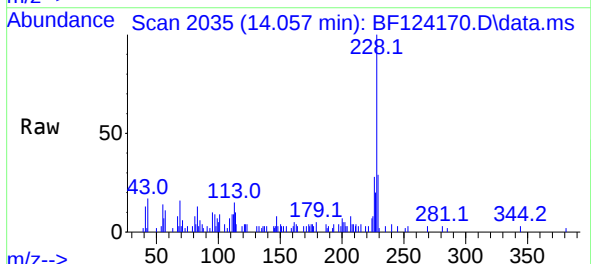
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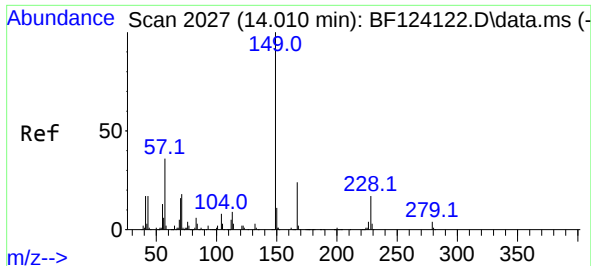
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#83
Chrysene
Concen: 2.483 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:228 Resp: 14031
Ion Ratio Lower Upper
228 100
226 27.8 24.3 36.5
229 29.4 16.2 24.2#





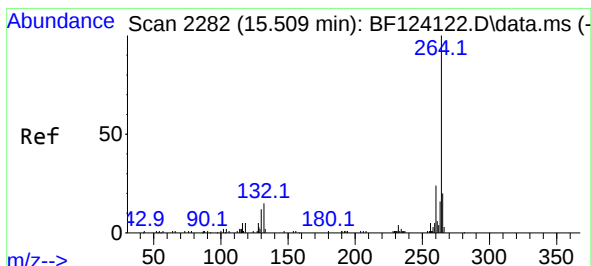
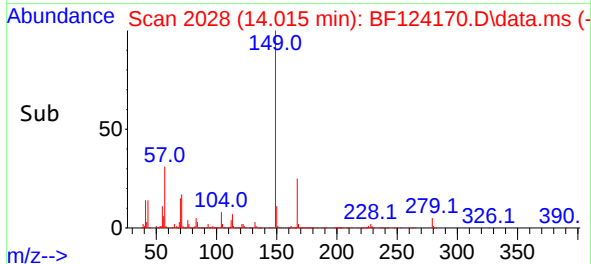
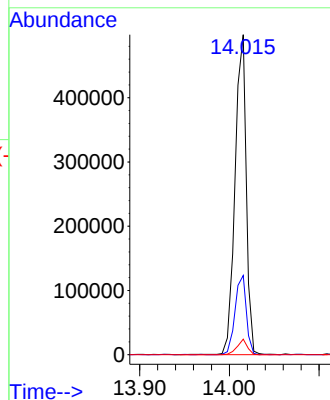
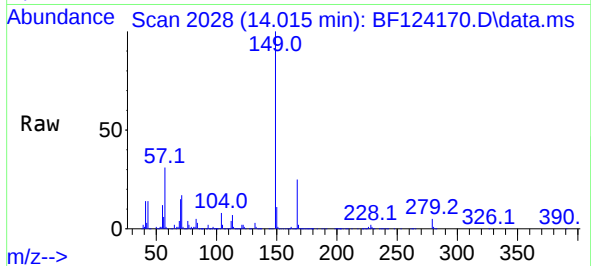
#84
Bis(2-ethylhexyl)phthalate
Concen: 115.992 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion:149 Resp: 432058
Ion Ratio Lower Upper
149 100
167 24.7 21.8 32.6
279 4.8 3.3 4.9

Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL

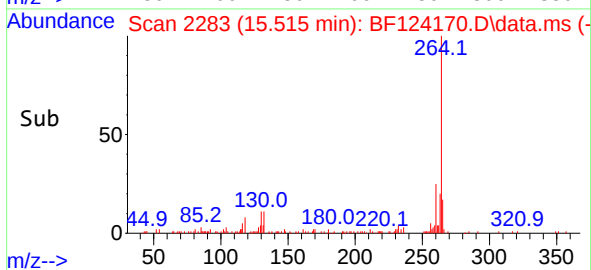
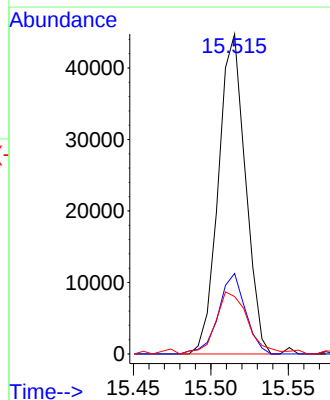
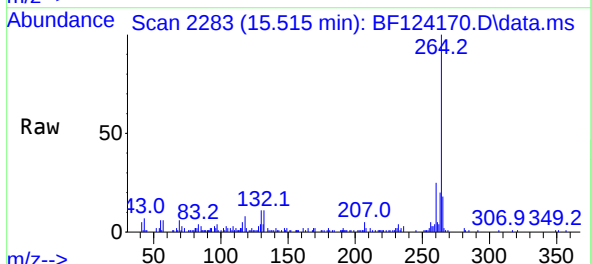
Manual Integrations
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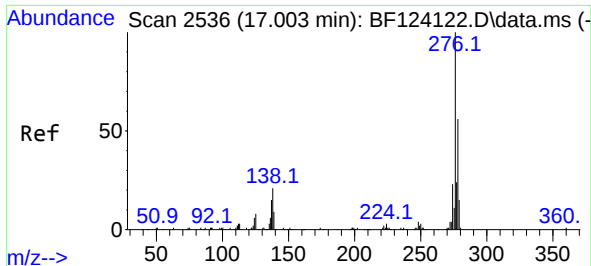
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

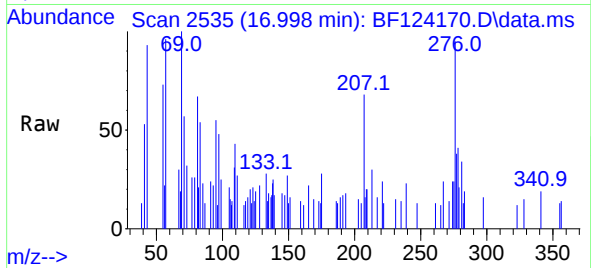
Tgt Ion:264 Resp: 54157
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 17.9 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.262 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

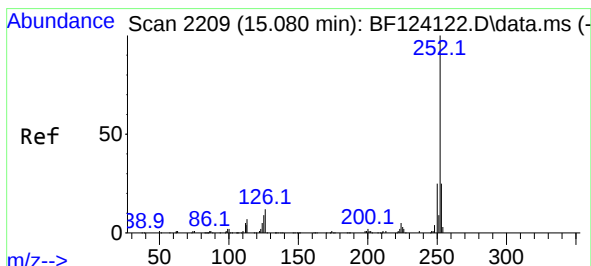
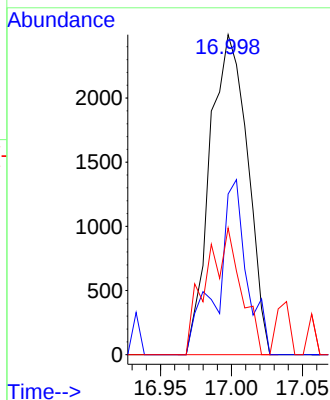
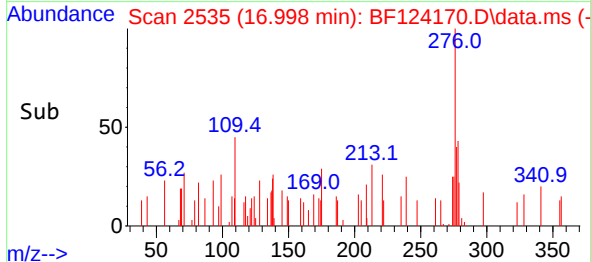
Instrument :
BNA_F
ClientSampled :
18-B11(4-6)DL



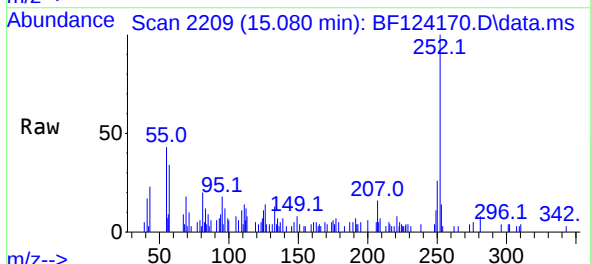
Tgt Ion:276 Resp: 4592
Ion Ratio Lower Upper
276 100
138 42.9 16.2 24.2#
277 36.9 20.1 30.1#

Manual Integrations
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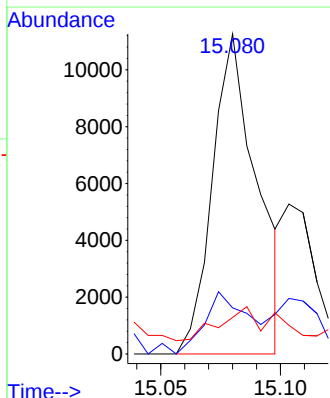
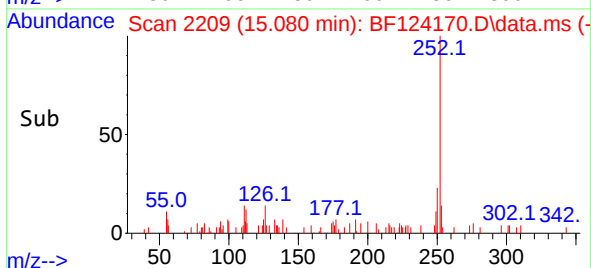
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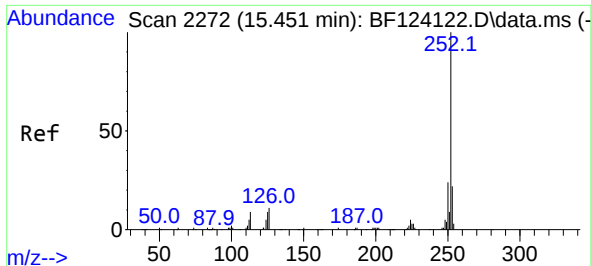


#88
Benzo(b)fluoranthene
Concen: 3.460 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36



Tgt Ion:252 Resp: 14556
Ion Ratio Lower Upper
252 100
253 14.4 18.1 27.1#
125 11.4 6.2 9.4#





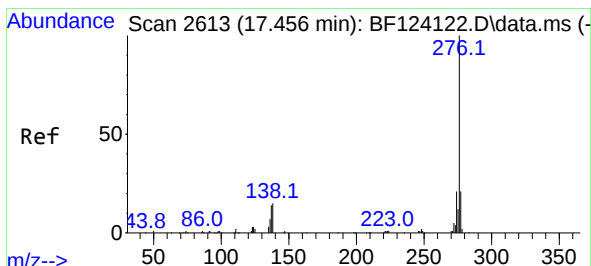
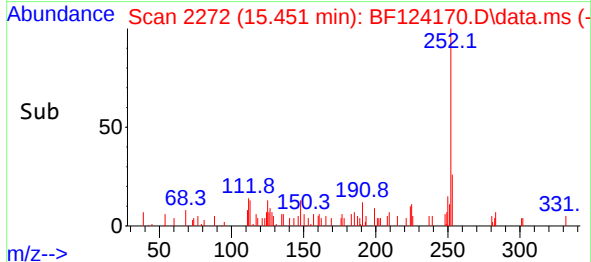
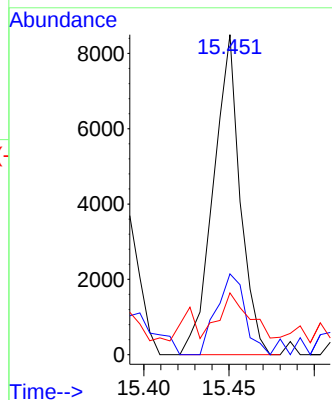
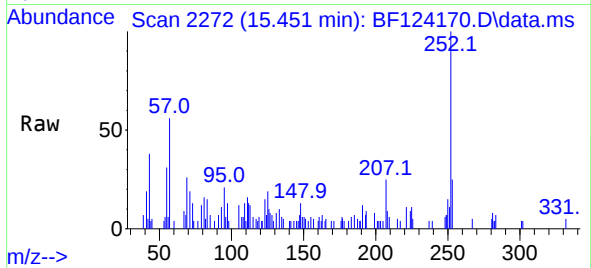
#90
Benzo(a)pyrene
Concen: 2.544 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	19.3	8.0	12.0#

Instrument :
BNA_F
ClientSampled :
18-B11(4-6)DL

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#92
Benzo(g,h,i)perylene
Concen: 5.027 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.017 min
Lab File: BF124170.D
Acq: 7 Jun 2021 22:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	38.2	13.8	20.6#

