

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124209.D
 Acq On : 9 Jun 2021 15:14
 Operator : JU/CG
 Sample : M2589-16DL 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 09 15:39:19 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	29675	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	112187	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	70859	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	129178	20.000	ng	0.00
76) Chrysene-d12	14.010	240	76656	20.000	ng	-0.01
86) Perylene-d12	15.486	264	81352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2345	1.190	ng	0.00
7) Phenol-d6	6.493	99	2741	1.034	ng	0.00
23) Nitrobenzene-d5	7.404	82	2324	0.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	672	0.669	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	5113	0.908	ng	-0.01
79) Terphenyl-d14	12.951	244	5316	0.952	ng	-0.01
Target Compounds					Qvalue	
71) Phenanthrene	11.392	178	39966	4.953	ng	96
75) Fluoranthene	12.586	202	50827	6.001	ng	91
78) Pyrene	12.816	202	42099	5.719	ng	97
81) Benzo(a)anthracene	13.998	228	15938	2.854	ng	# 91
83) Chrysene	14.033	228	13816	2.564	ng	# 84
84) Bis(2-ethylhexyl)phtha...	13.992	149	345781	97.348	ng	96
88) Benzo(b)fluoranthene	15.051	252	19448m	3.077	ng	
90) Benzo(a)pyrene	15.421	252	12725	2.318	ng	93

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

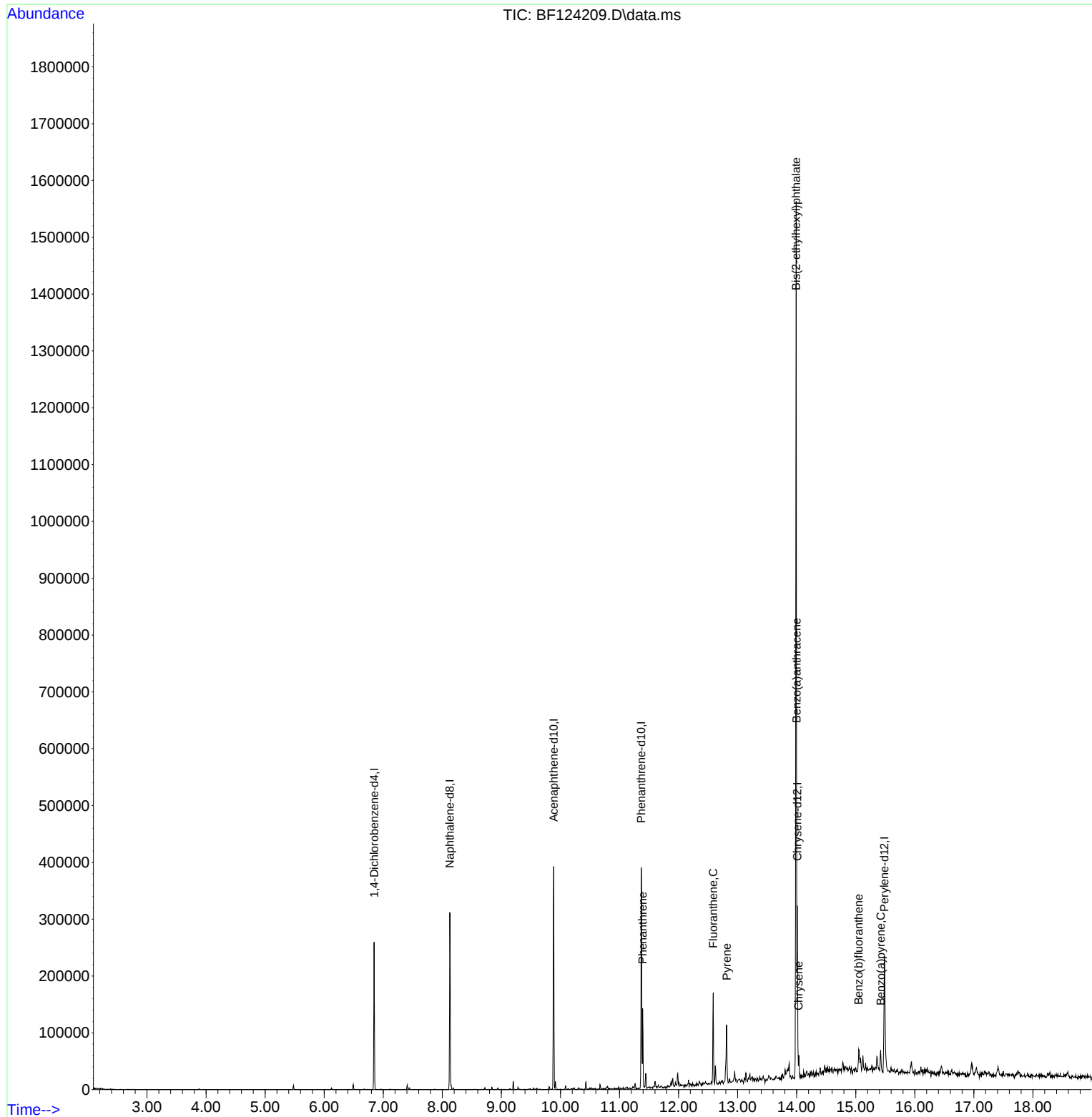
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Data File : BF124209.D
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Operator : JU/CG
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Misc :
ALS Vial : 6 Sample Multiplier: 1

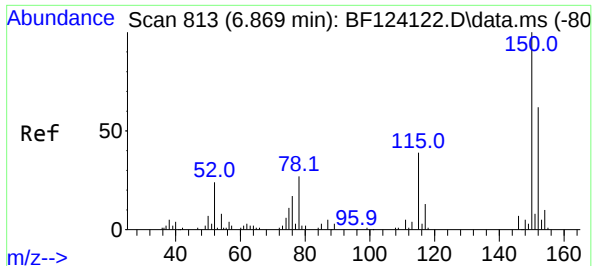
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL

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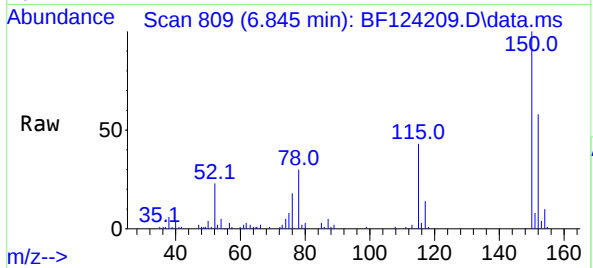
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
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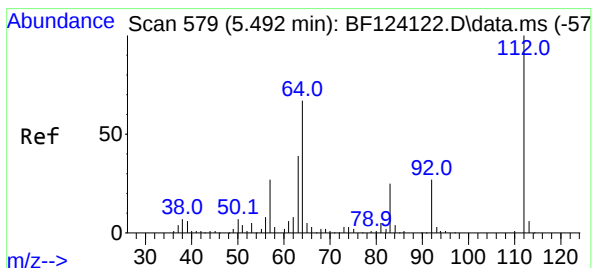
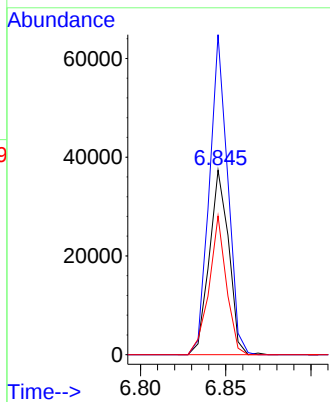
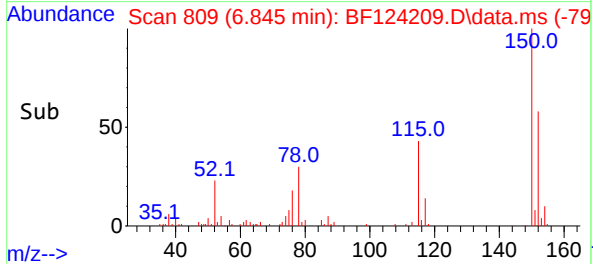




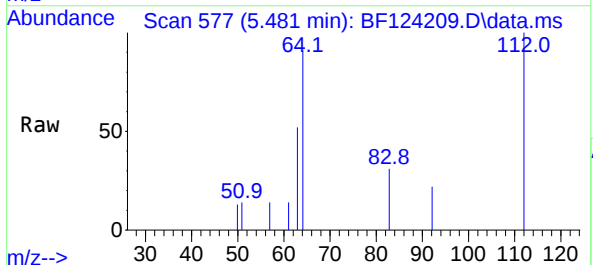
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



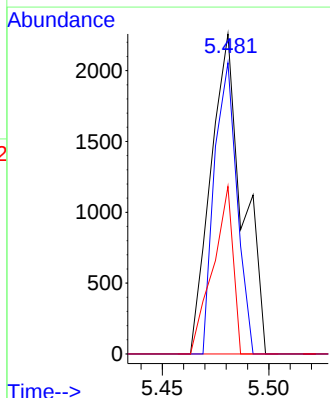
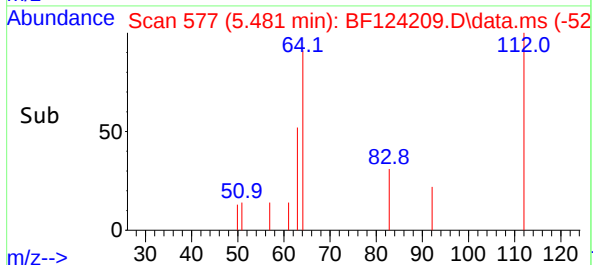
Tgt Ion:152 Resp: 29675
Ion Ratio Lower Upper
152 100
150 173.5 127.0 190.6
115 75.2 54.3 81.5



#5
2-Fluorophenol
Concen: 1.190 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



Tgt Ion:112 Resp: 2345
Ion Ratio Lower Upper
112 100
64 91.0 61.4 92.0
63 52.4 33.0 49.4#



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

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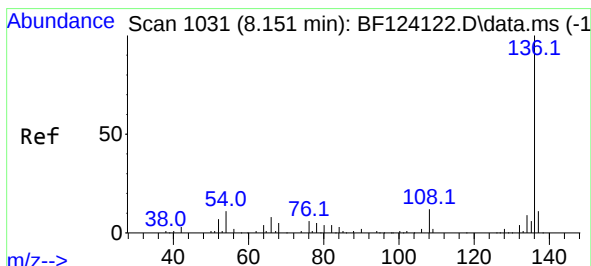
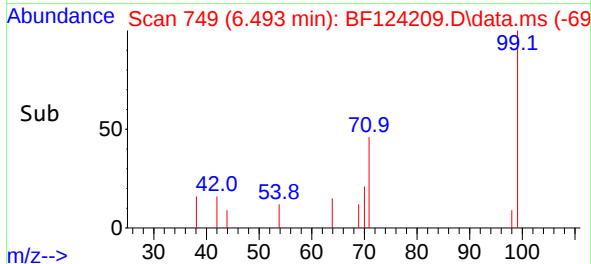
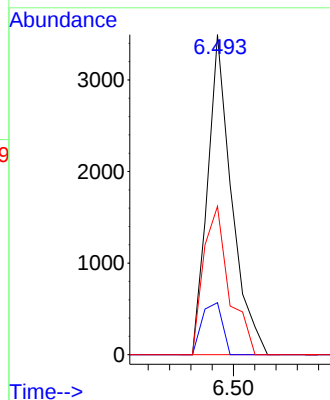
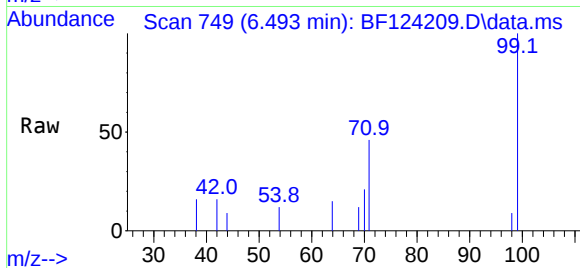
#7
Phenol-d6
Concen: 1.034 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

Tgt Ion: 99 Resp: 2741
Ion Ratio Lower Upper
99 100
42 16.2 19.8 29.8#
71 46.3 31.1 46.7

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

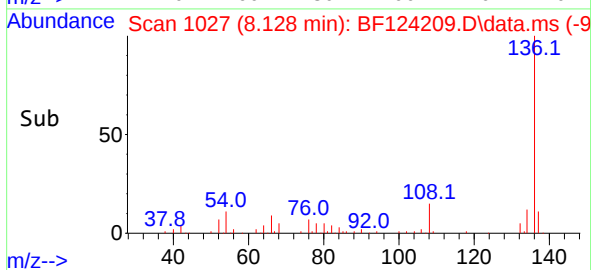
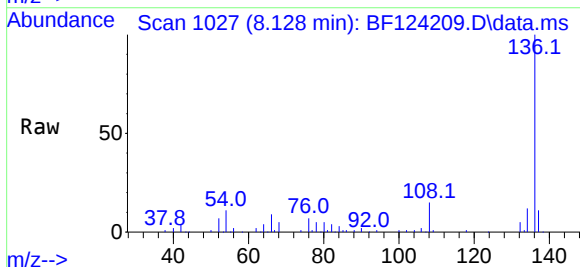
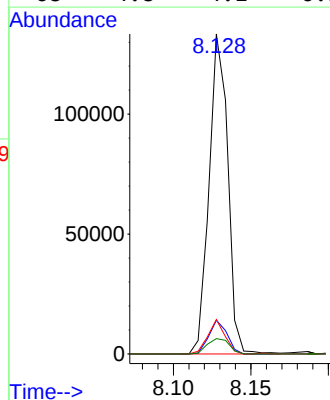
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

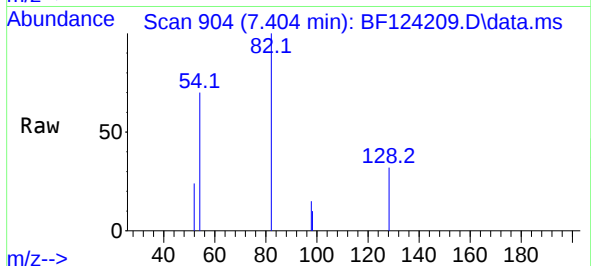
Tgt Ion: 136 Resp: 112187
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.8 9.8 14.6
68 4.8 4.1 6.1





#23
Nitrobenzene-d5
Concen: 0.822 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

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

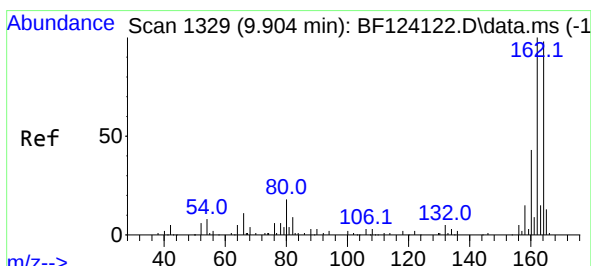
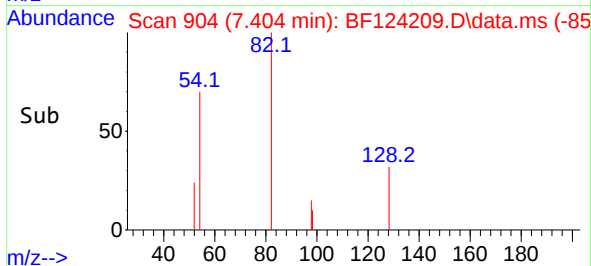
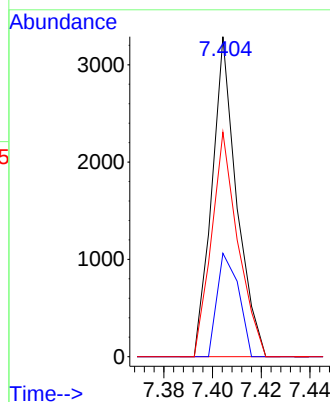


Tgt Ion: 82 Resp: 2324

Ion	Ratio	Lower	Upper
82	100		
128	32.3	29.4	44.2
54	70.2	54.1	81.1

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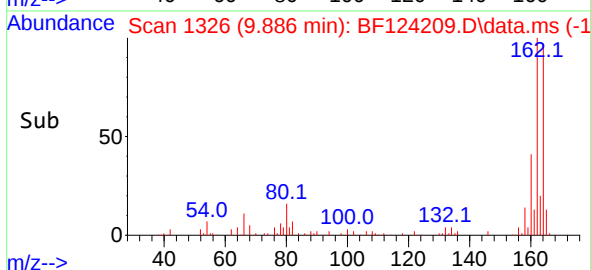
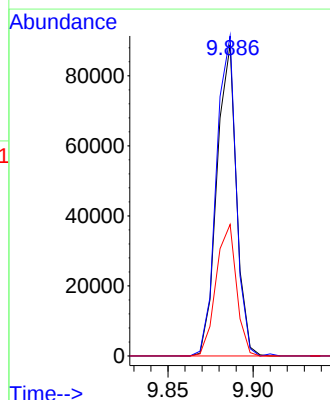
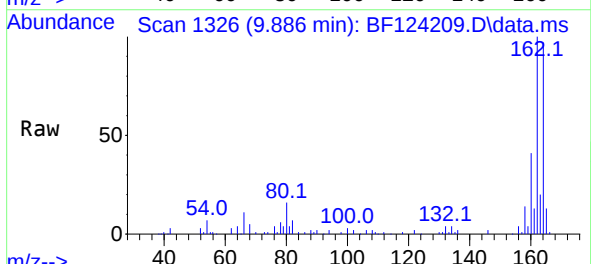
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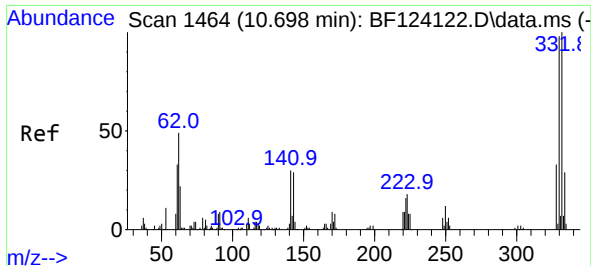


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

Tgt Ion: 164 Resp: 70859

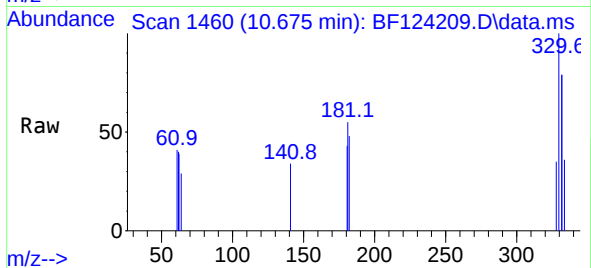
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	42.2	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

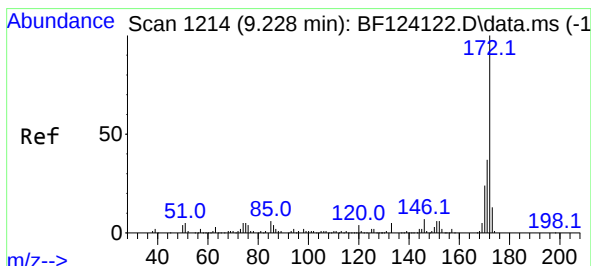
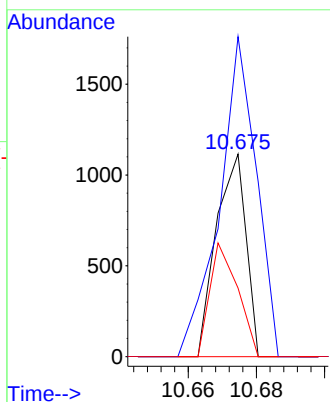
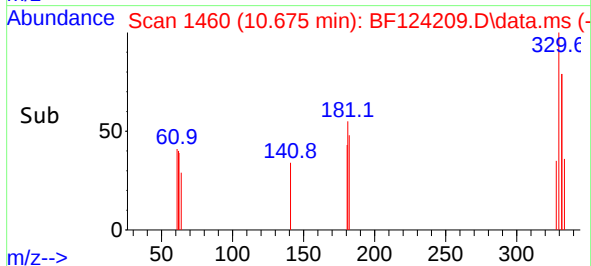
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BNA_F
ClientSampled :
18-B11(4-6)DL



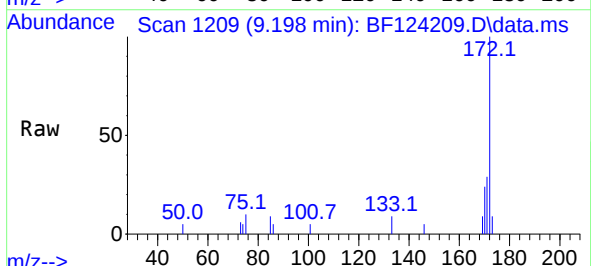
Tgt Ion: 330 Resp: 672
Ion Ratio Lower Upper
330 100
332 196.6 77.1 115.7#
141 52.7 27.9 41.9#

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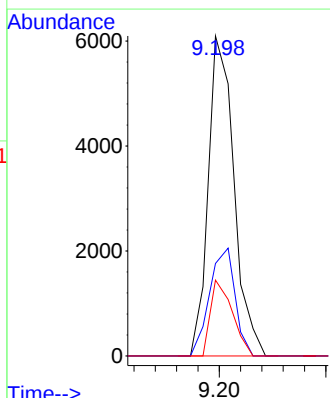
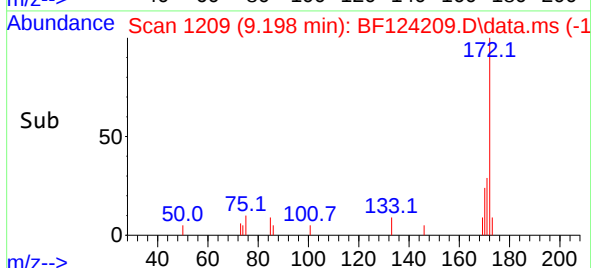
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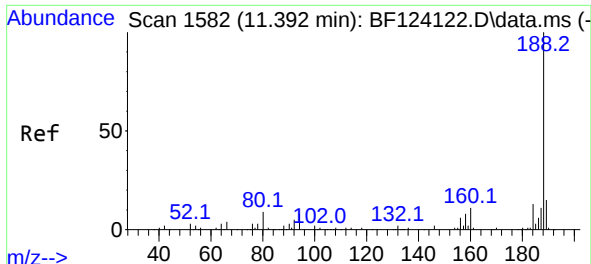


#45
2-Fluorobiphenyl
Concen: 0.908 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



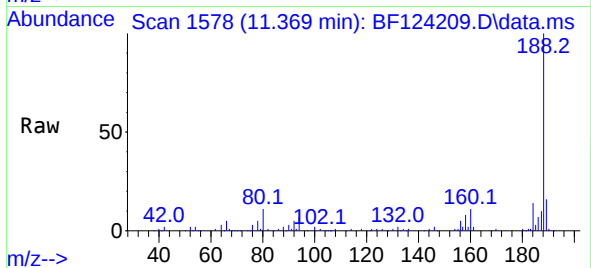
Tgt Ion: 172 Resp: 5113
Ion Ratio Lower Upper
172 100
171 28.9 28.1 42.1
170 23.7 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

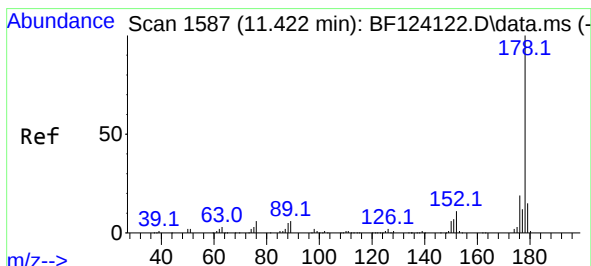
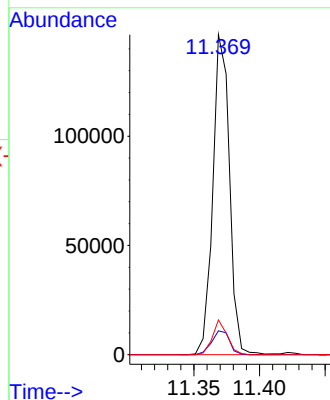
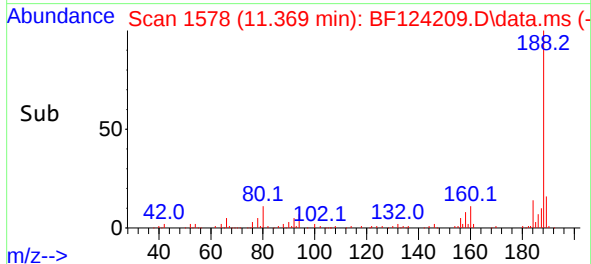
Instrument :
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ClientSampleId :
18-B11(4-6)DL



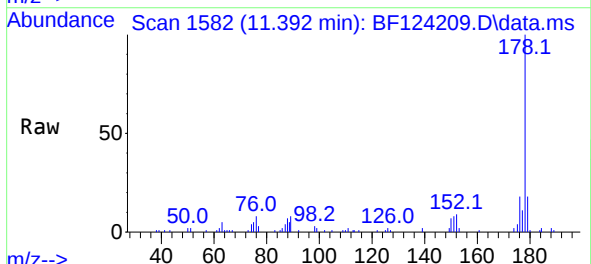
Tgt Ion:188 Resp: 129178
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 10.9 8.2 12.2

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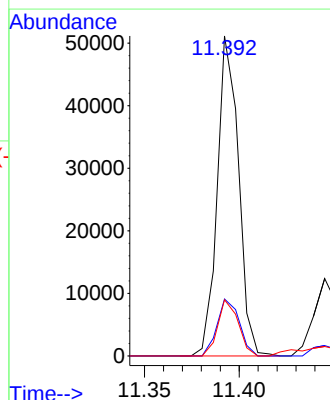
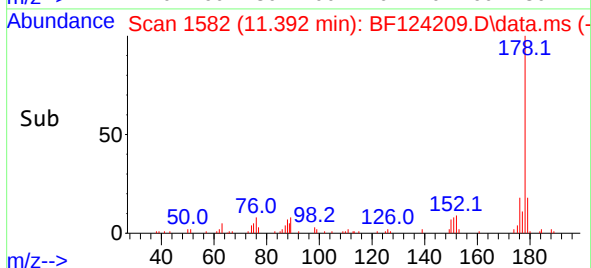
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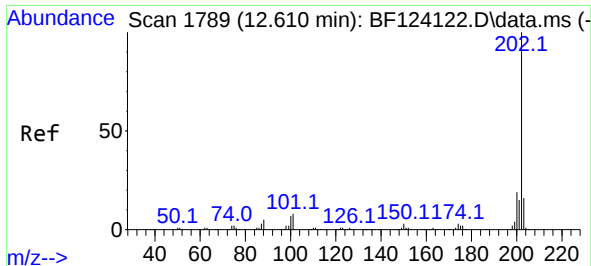


#71
Phenanthrene
Concen: 4.953 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

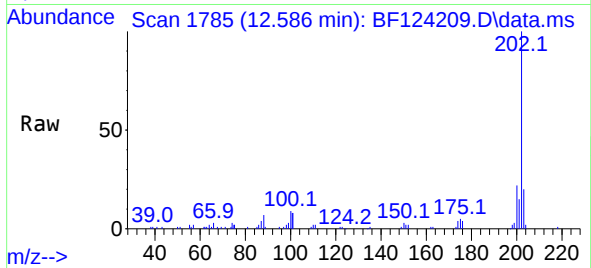


Tgt Ion:178 Resp: 39966
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 17.5 12.5 18.7

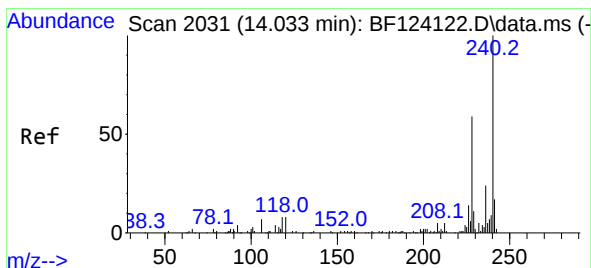
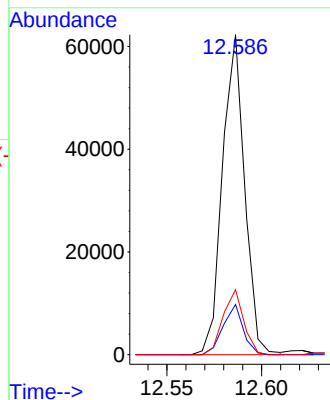
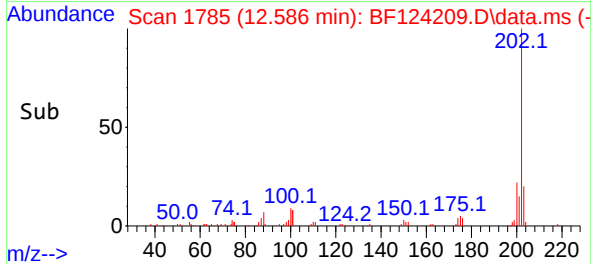




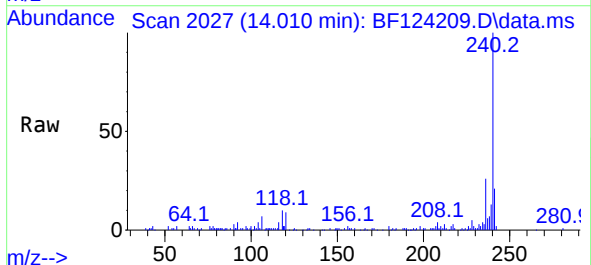
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Fluoranthene
Concen: 6.001 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



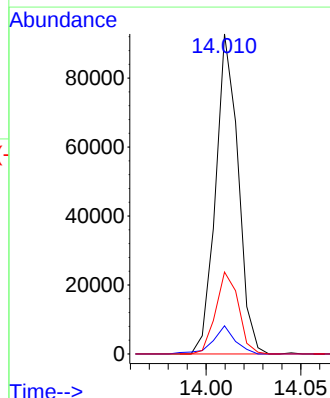
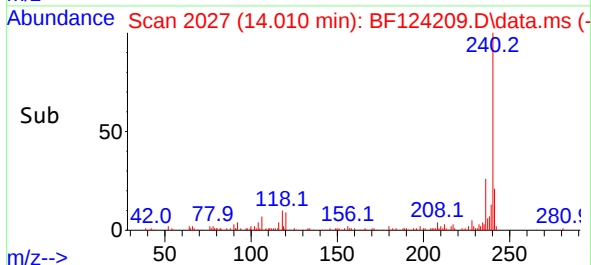
Tgt Ion:202 Resp: 50827
Ion Ratio Lower Upper
202 100
101 15.7 0.0 30.9
203 20.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



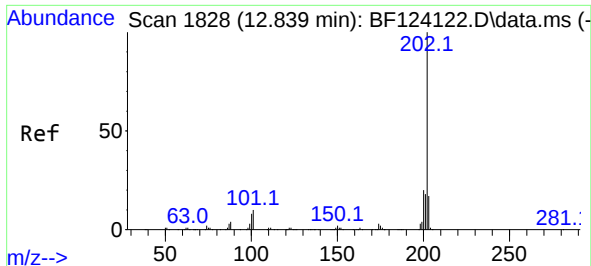
Tgt Ion:240 Resp: 76656
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 25.6 19.0 28.4



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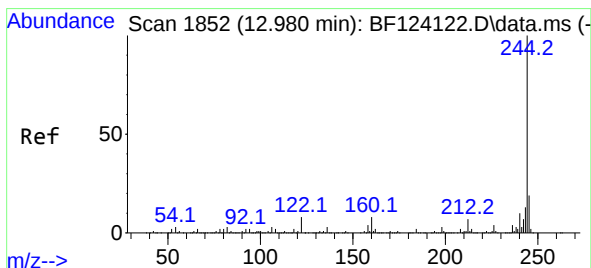
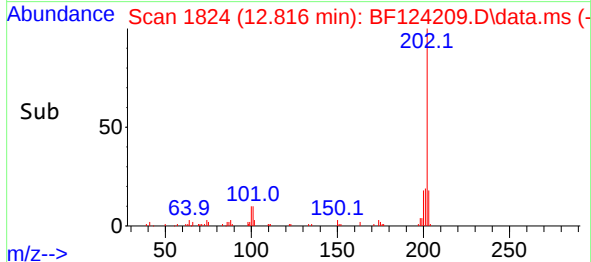
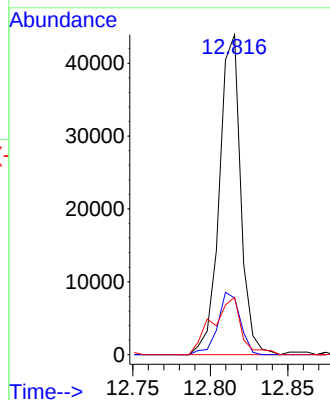
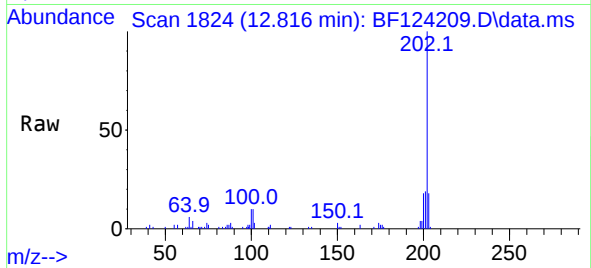
#78
Pyrene
Concen: 5.719 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

Tgt Ion:	202	Resp:	42099
Ion	Ratio	Lower	Upper
202	100		
200	17.7	16.1	24.1
203	17.9	14.8	22.2

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

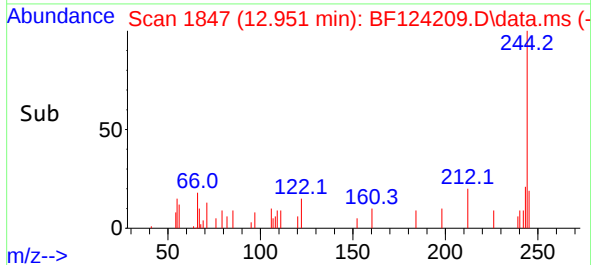
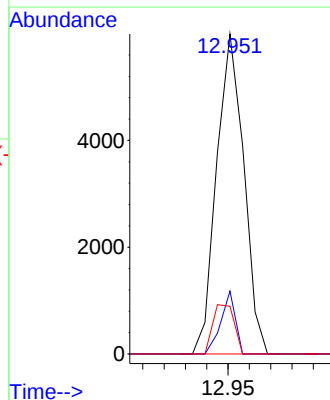
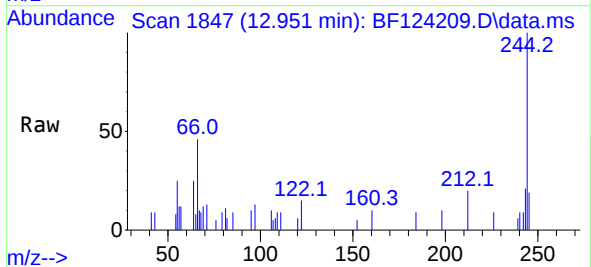
Manual Integrations
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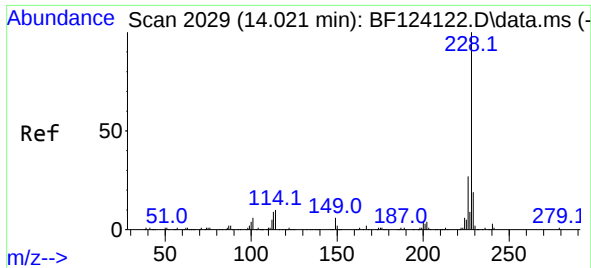
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#79
Terphenyl-d14
Concen: 0.952 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

Tgt Ion:	244	Resp:	5316
Ion	Ratio	Lower	Upper
244	100		
212	19.7	5.7	8.5#
122	14.9	9.7	14.5#





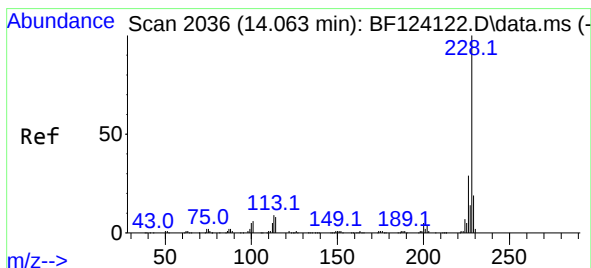
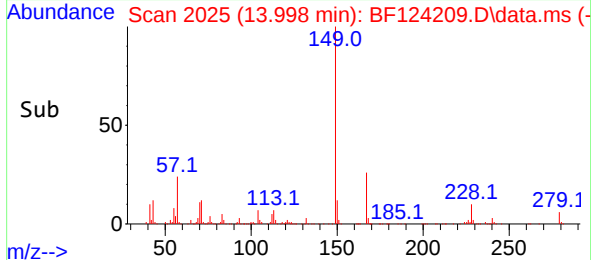
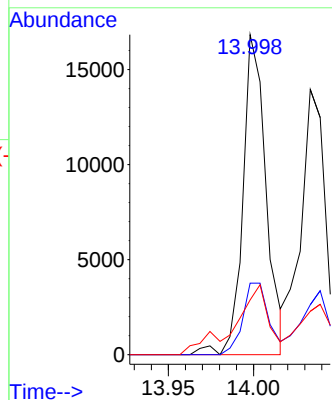
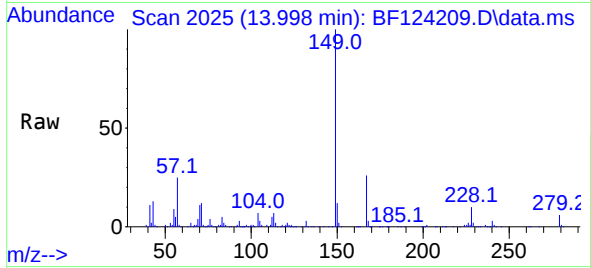
#81
Benzo(a)anthracene
Concen: 2.854 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

Tgt Ion:228 Resp: 15938
Ion Ratio Lower Upper
228 100
226 22.4 22.4 33.6#
229 17.1 16.0 24.0

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

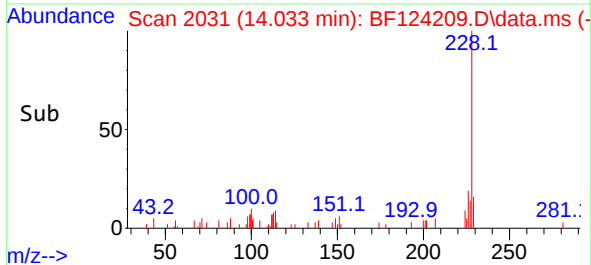
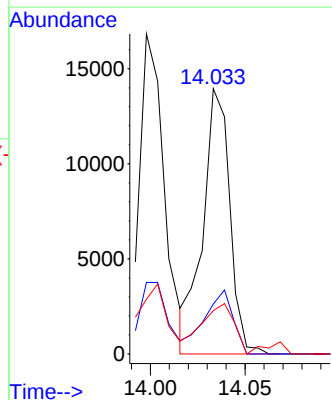
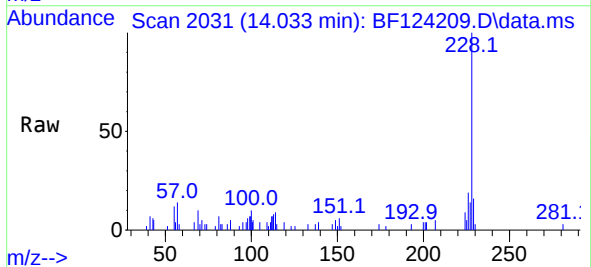
Manual Integrations
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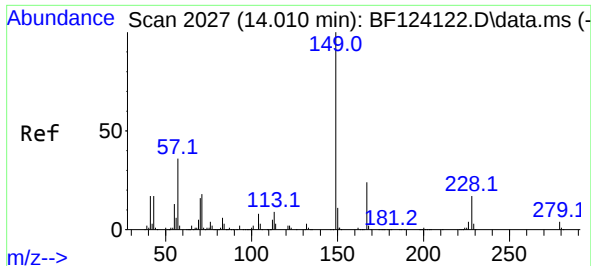
mohammad
6/11/2021 1:28:29 PM



#83
Chrysene
Concen: 2.564 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

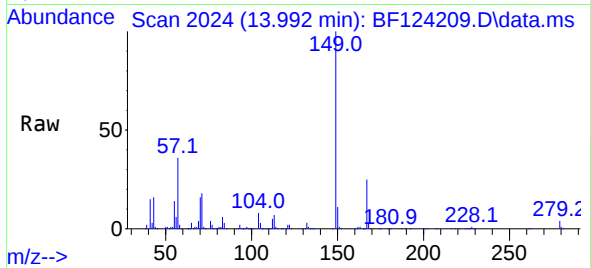
Tgt Ion:228 Resp: 13816
Ion Ratio Lower Upper
228 100
226 18.8 24.3 36.5#
229 16.3 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 97.348 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

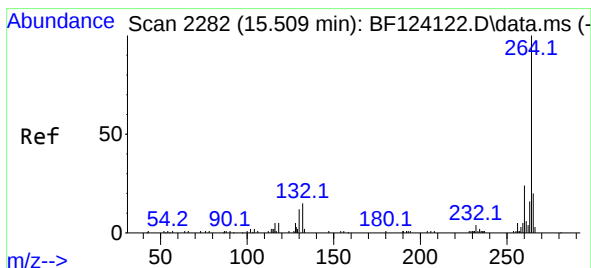
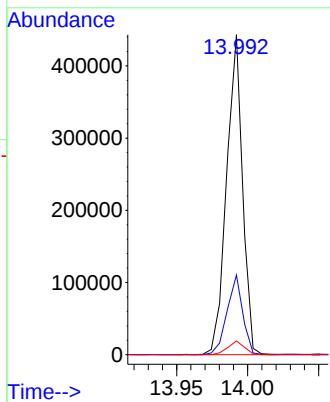
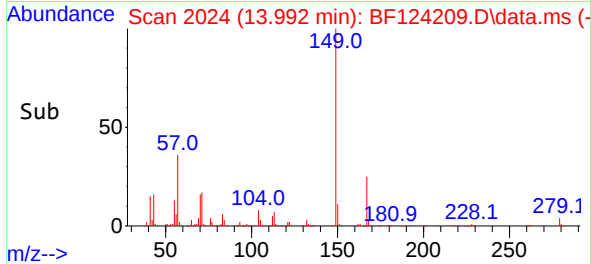
Instrument :
BNA_F
ClientSampled :
18-B11(4-6)DL



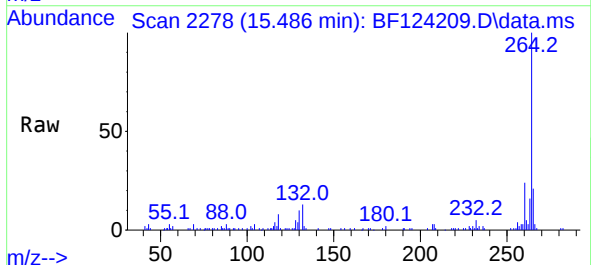
Tgt Ion:149 Resp: 345781
Ion Ratio Lower Upper
149 100
167 24.9 21.8 32.6
279 4.3 3.3 4.9

Manual Integrations
APPROVED

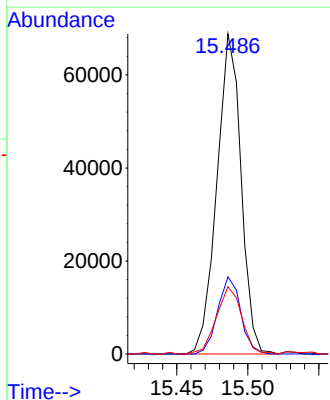
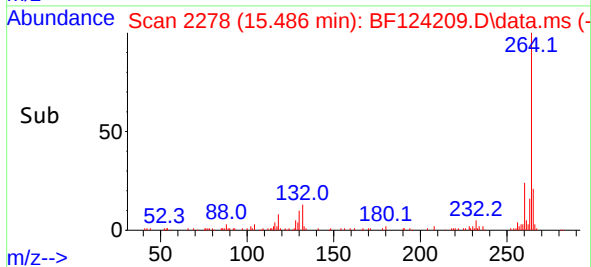
mohammad
6/11/2021 1:28:29 PM

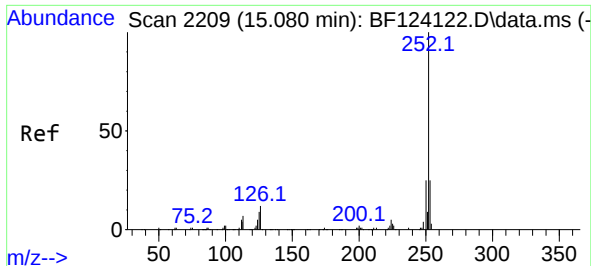


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



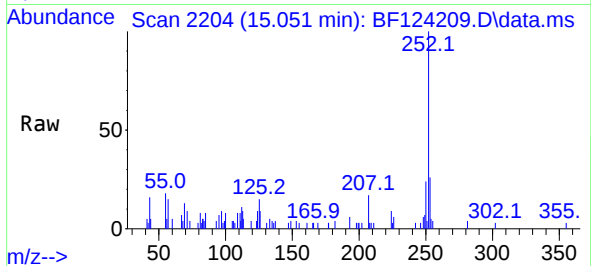
Tgt Ion:264 Resp: 81352
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.0 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 3.077 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14

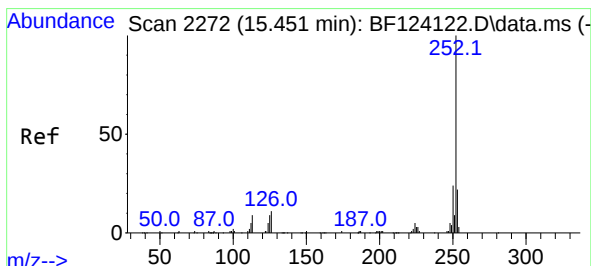
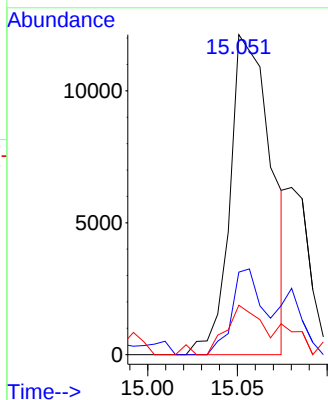
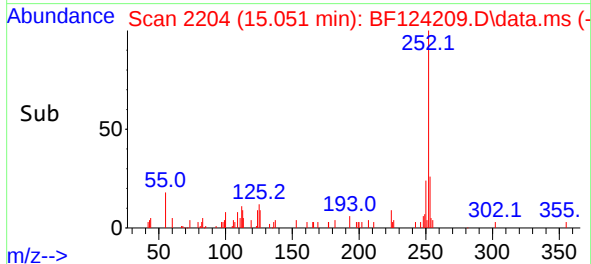
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL



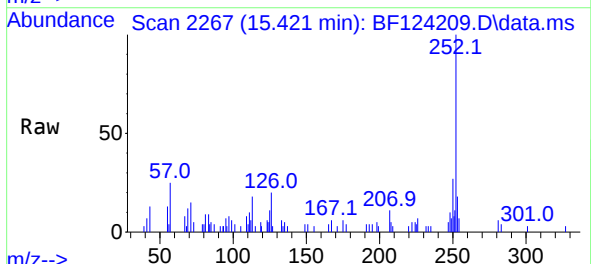
Tgt Ion:252 Resp: 19448
Ion Ratio Lower Upper
252 100
253 25.8 18.1 27.1
125 15.5 6.2 9.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.318 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF124209.D
Acq: 9 Jun 2021 15:14



Tgt Ion:252 Resp: 12725
Ion Ratio Lower Upper
252 100
253 18.5 18.4 27.6
125 10.8 8.0 12.0

