

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124809.D
 Acq On : 27 Jul 2021 23:46
 Operator : JU/CG
 Sample : M3165-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

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 7/28/2021 11:32:47 AM

Quant Time: Jul 28 03:08:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6394	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	23875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14441	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	26373	20.000	ng	0.00
76) Chrysene-d12	14.033	240	14757	20.000	ng	0.00
86) Perylene-d12	15.509	264	13895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	35907	95.083	ng	0.00
7) Phenol-d6	6.492	99	45058	95.174	ng	0.00
23) Nitrobenzene-d5	7.434	82	29470	73.465	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13330	107.509	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	61799	62.854	ng	0.00
79) Terphenyl-d14	12.986	244	66917	77.730	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	7502	5.289	ng	97
75) Fluoranthene	12.610	202	12884	8.901	ng	97
78) Pyrene	12.839	202	22424	19.194	ng	98
81) Benzo(a)anthracene	14.021	228	8823	9.147	ng	96
83) Chrysene	14.062	228	9970	10.728	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	3913	4.878	ng	# 85
88) Benzo(b)fluoranthene	15.074	252	7513m	7.680	ng	
89) Benzo(k)fluoranthene	15.092	252	2632m	2.944	ng	
90) Benzo(a)pyrene	15.445	252	7778	9.517	ng	94
92) Benzo(g,h,i)perylene	17.427	276	4074	6.118	ng	92

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

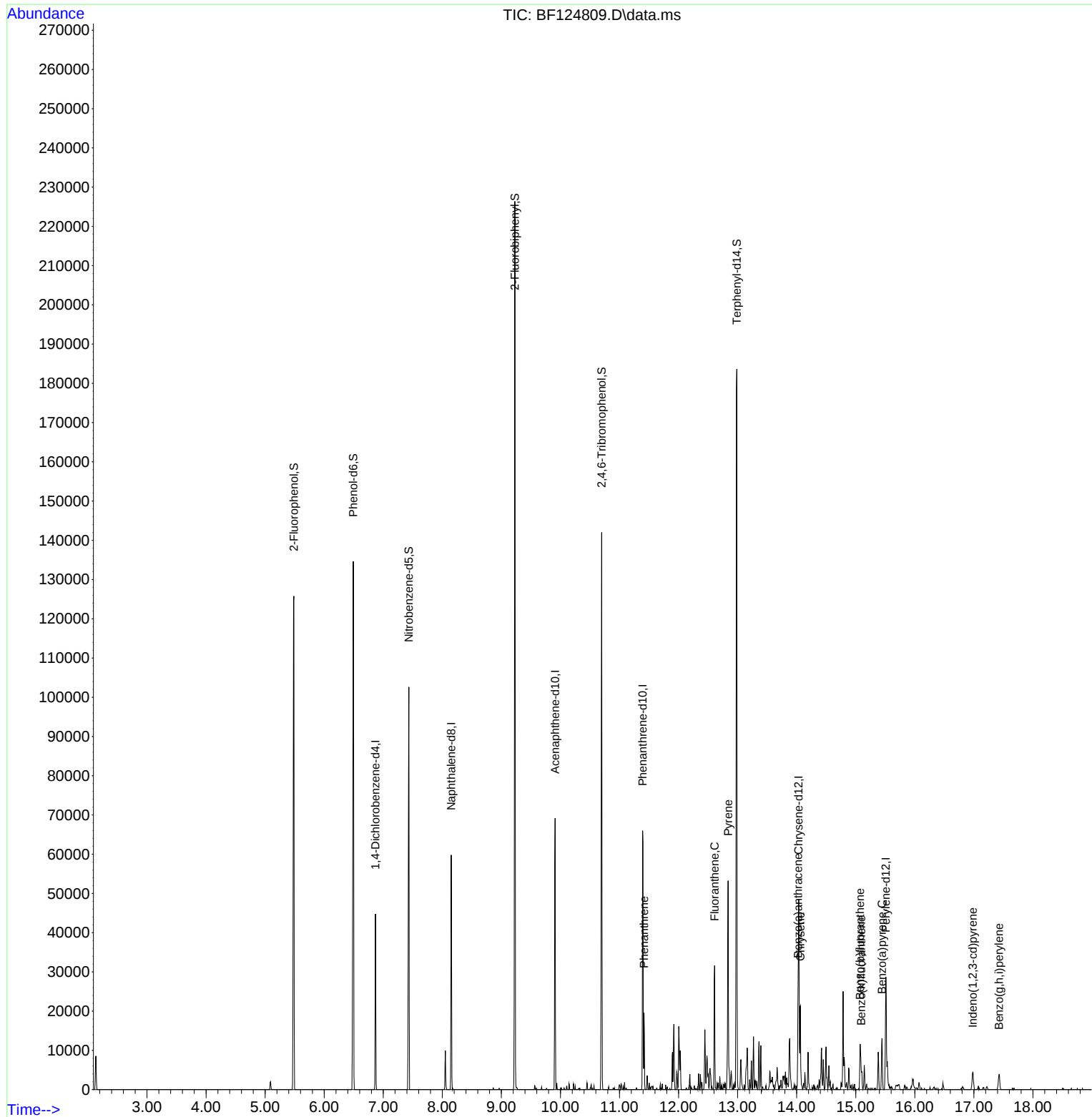
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124809.D
Acq On : 27 Jul 2021 23:46
Operator : JU/CG
Sample : M3165-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

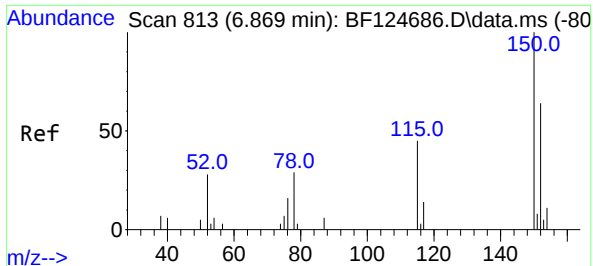
Instrument :
BNA_F
ClientSampleId :
COMP-1

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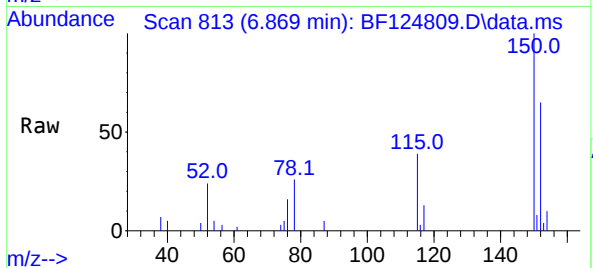
Quant Time: Jul 28 03:08:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

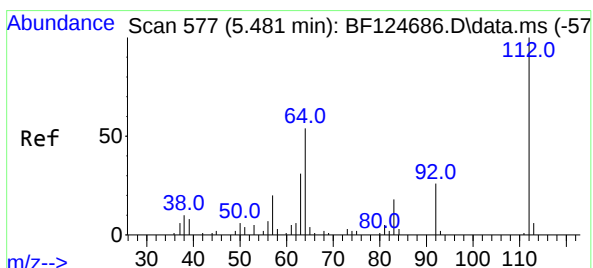
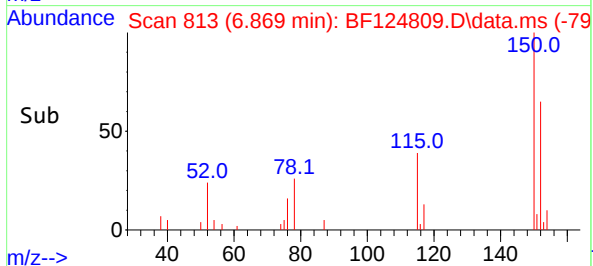
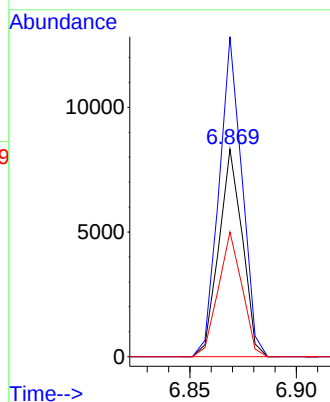
Instrument :
BNA_F
ClientSampled :
COMP-1



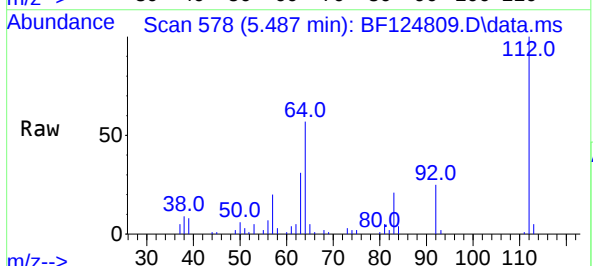
Tgt Ion:152 Resp: 6394
Ion Ratio Lower Upper
152 100
150 154.2 117.6 176.4
115 60.2 47.1 70.7

Manual Integrations
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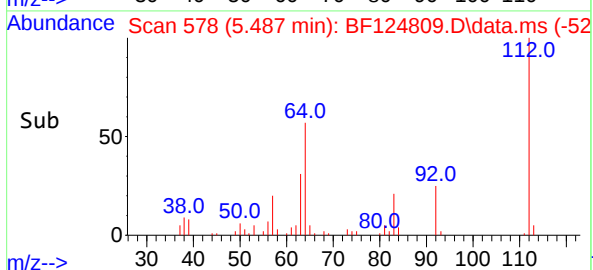
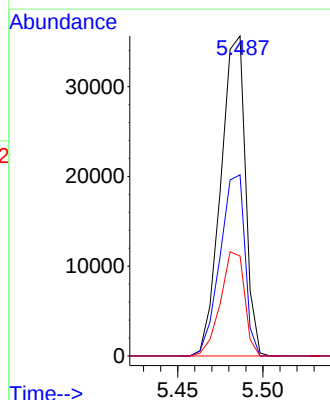
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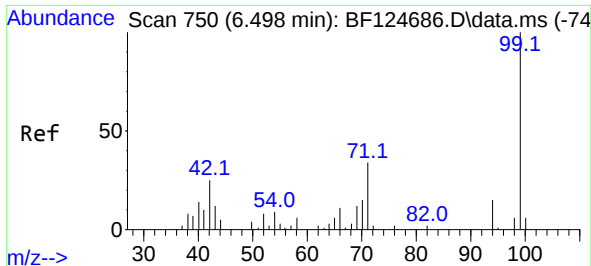


#5
2-Fluorophenol
Concen: 95.083 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



Tgt Ion:112 Resp: 35907
Ion Ratio Lower Upper
112 100
64 56.6 44.2 66.2
63 31.2 26.2 39.2





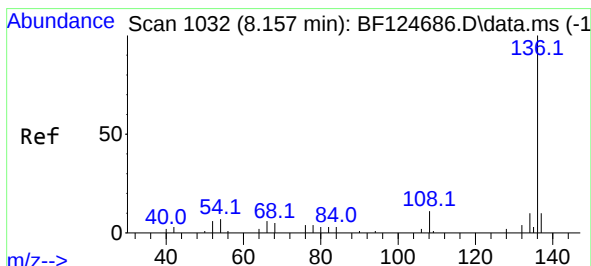
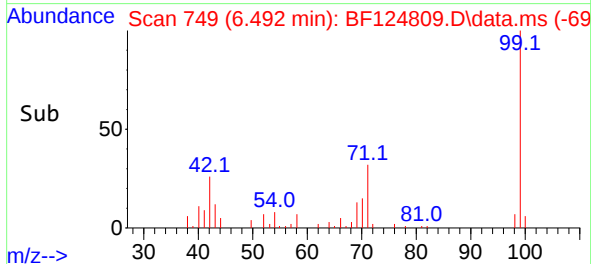
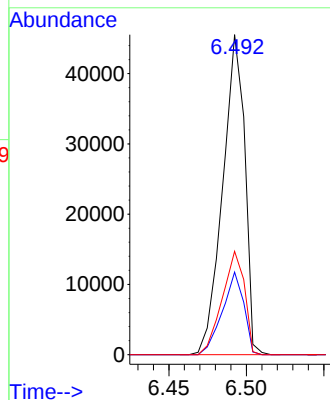
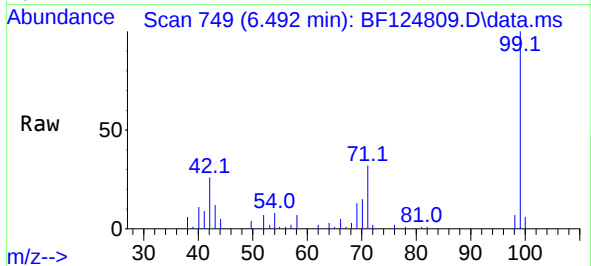
#7
Phenol-d6
Concen: 95.174 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:	99	Resp:	45058
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	32.3	25.6	38.4

Instrument :
BNA_F
ClientSampled :
COMP-1

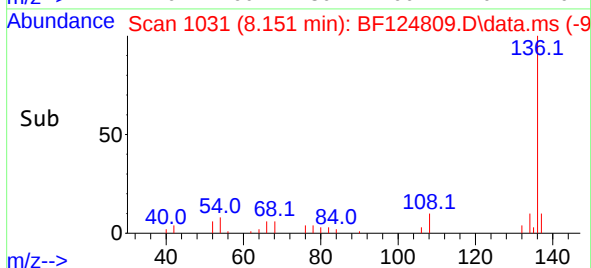
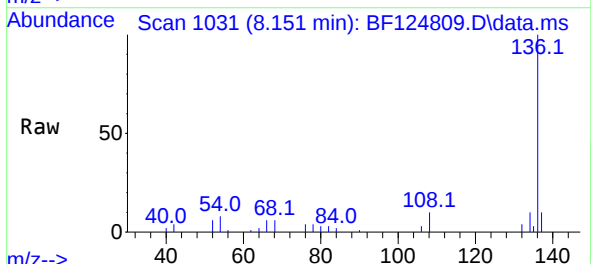
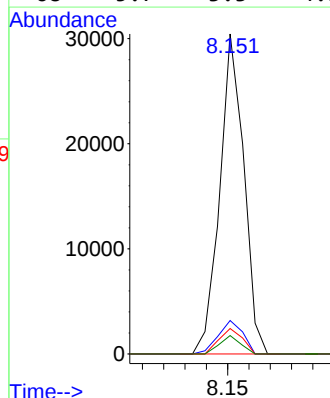
Manual Integrations
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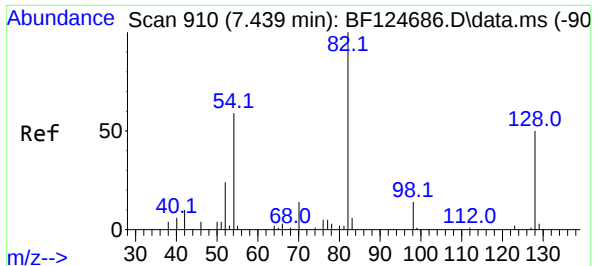
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:	136	Resp:	23875
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.0	6.4	9.6
68	5.7	3.3	4.9





#23

Nitrobenzene-d5

Concen: 73.465 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124809.D

Acq: 27 Jul 2021 23:46

Tgt Ion: 82 Resp: 29470

Ion Ratio Lower Upper

82 100

128 45.3 40.6 60.8

54 57.1 49.6 74.4

Instrument :

BNA_F

ClientSampled :

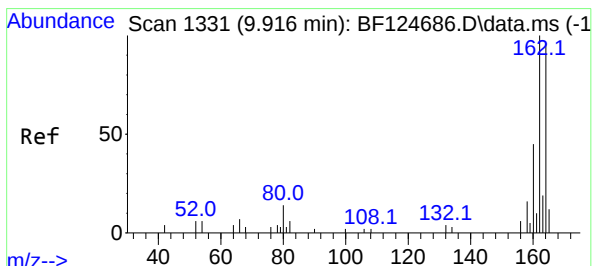
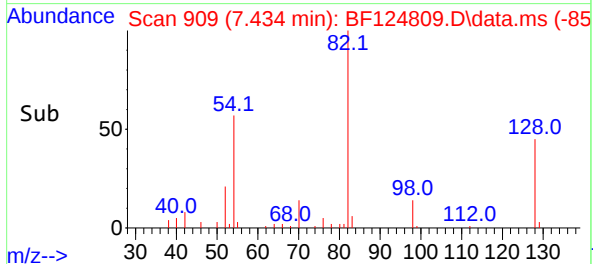
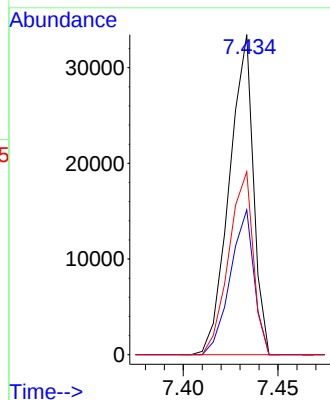
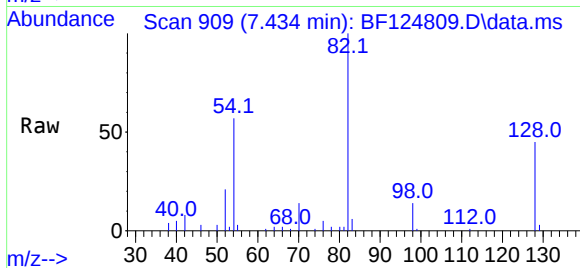
COMP-1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124809.D

Acq: 27 Jul 2021 23:46

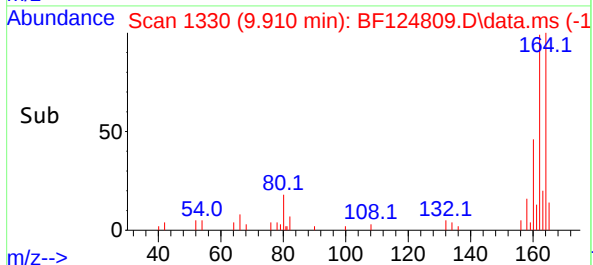
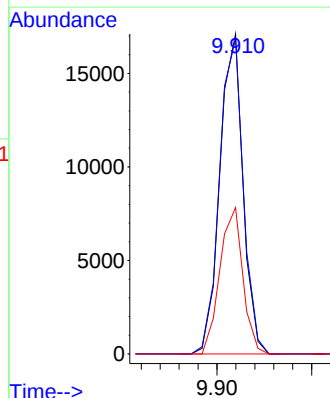
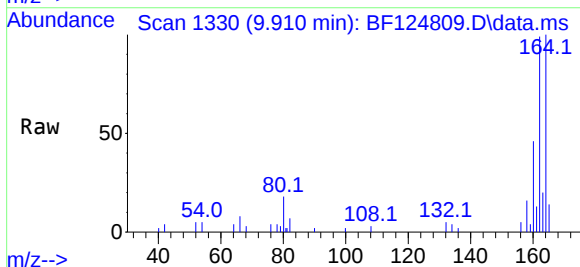
Tgt Ion:164 Resp: 14441

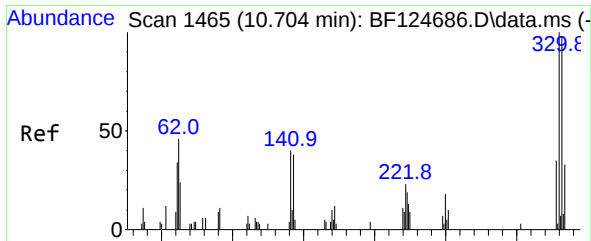
Ion Ratio Lower Upper

164 100

162 98.5 81.3 121.9

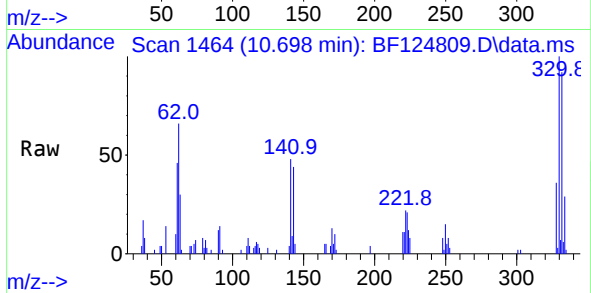
160 45.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 107.509 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

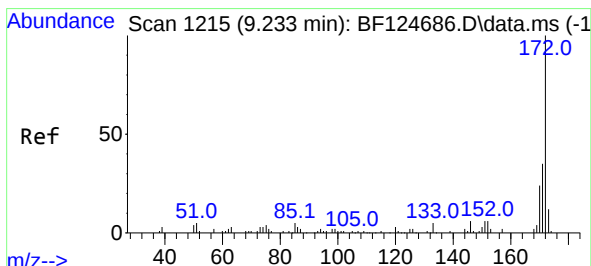
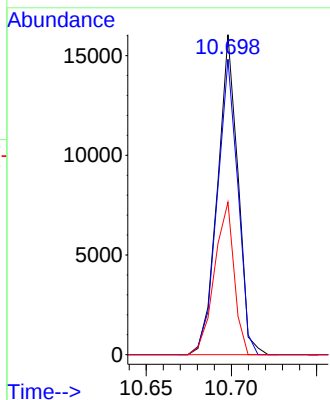
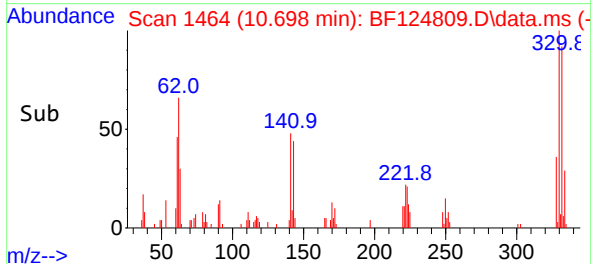
Instrument :
BNA_F
ClientSampled :
COMP-1



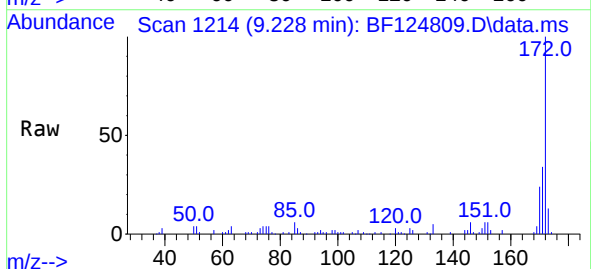
Tgt Ion:330 Resp: 13330
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.4
141 45.9 44.6 66.8

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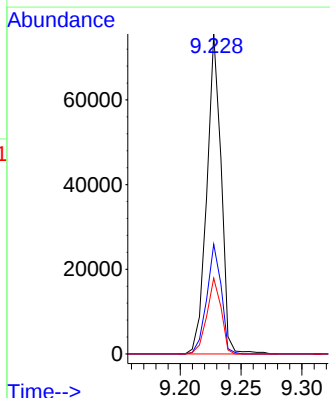
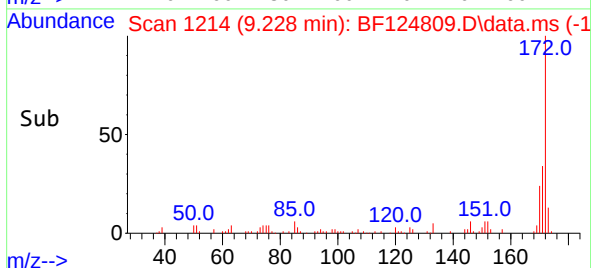
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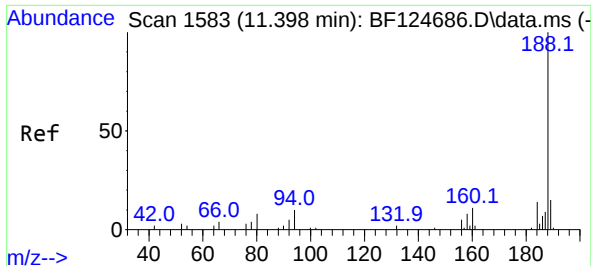


#45
2-Fluorobiphenyl
Concen: 62.854 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



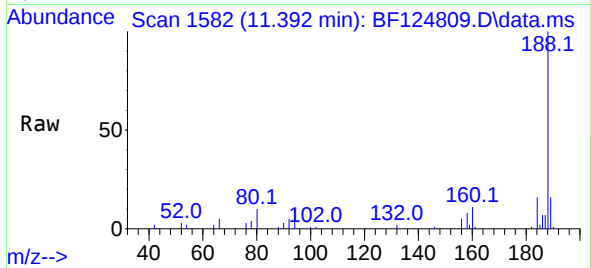
Tgt Ion:172 Resp: 61799
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

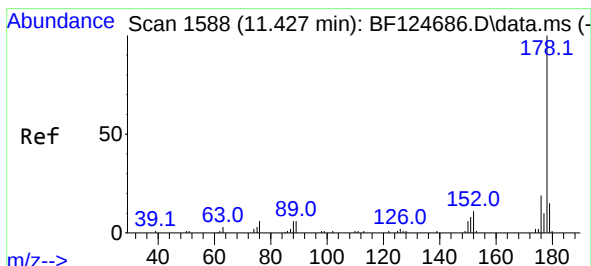
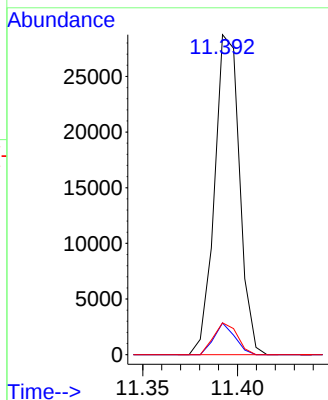
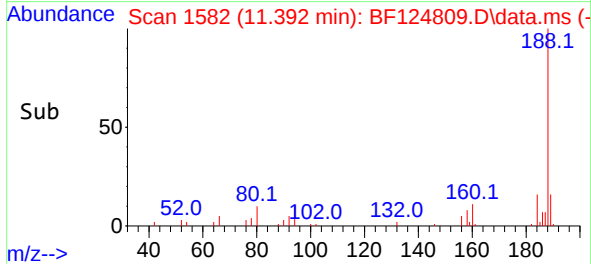
Instrument :
BNA_F
ClientSampled :
COMP-1



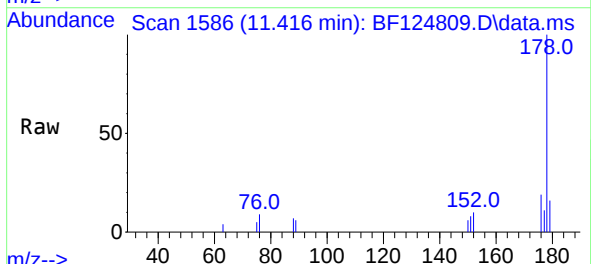
Tgt Ion:188 Resp: 26373
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.0 7.5 11.3

Manual Integrations
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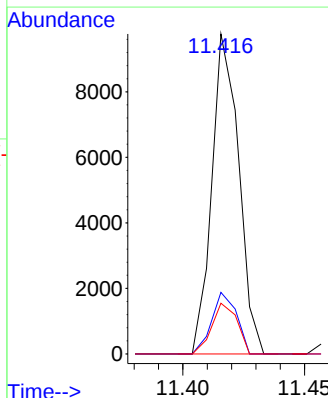
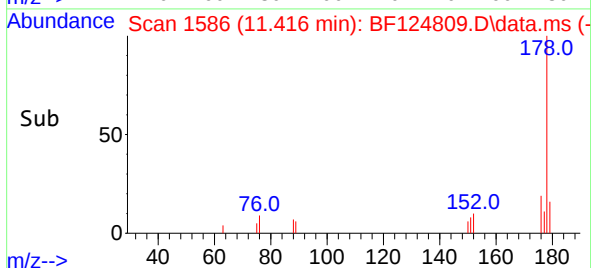
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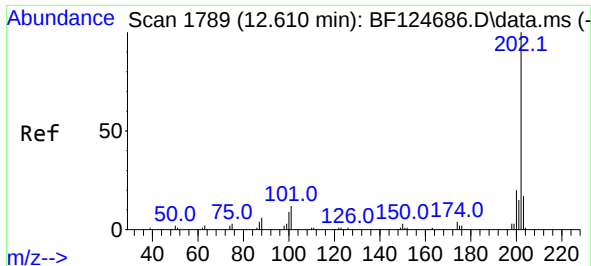


#71
Phenanthrene
Concen: 5.289 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



Tgt Ion:178 Resp: 7502
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.9 11.5 17.3





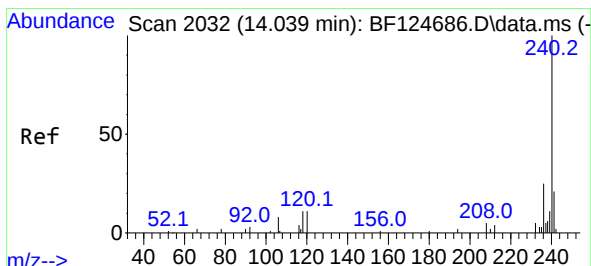
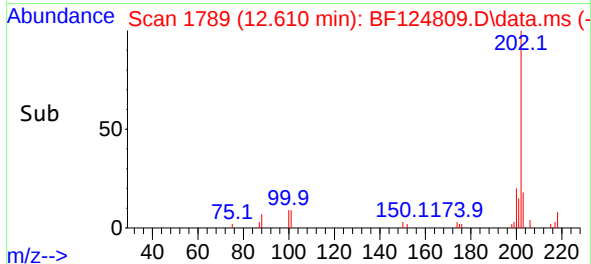
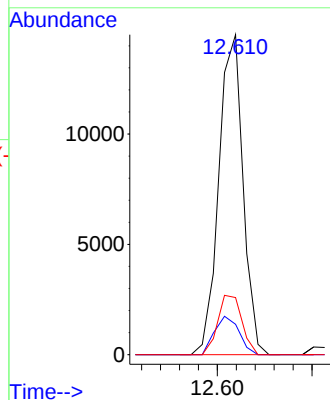
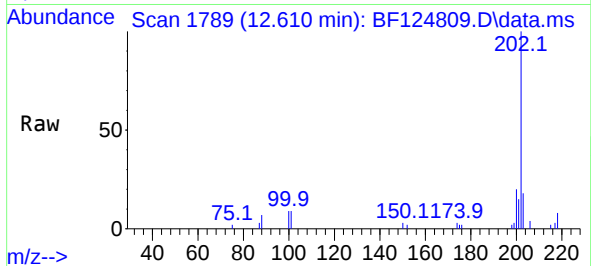
#75
Fluoranthene
Concen: 8.901 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:202 Resp: 12884
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.9 0.0 36.3

Instrument :
BNA_F
ClientSampled :
COMP-1

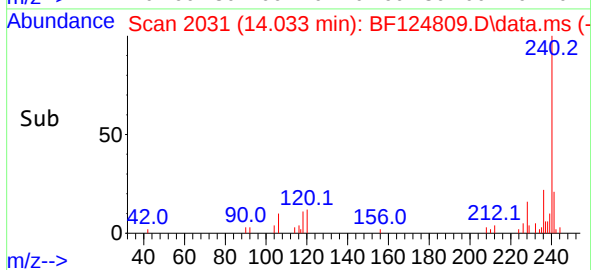
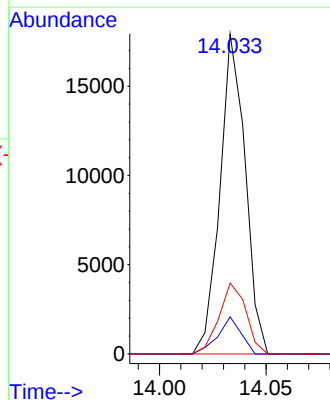
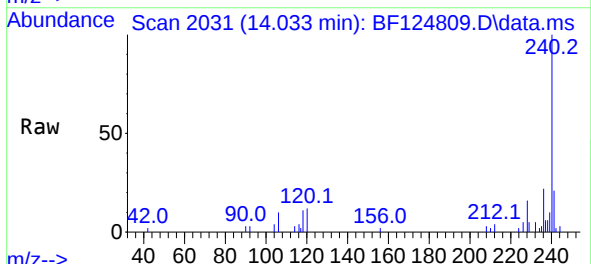
Manual Integrations
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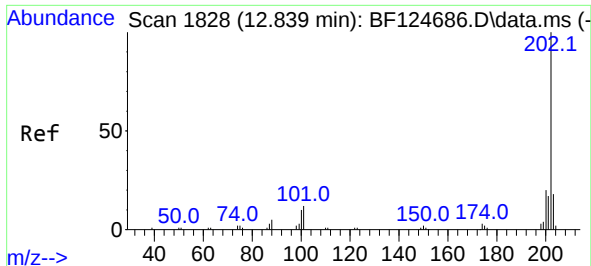
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

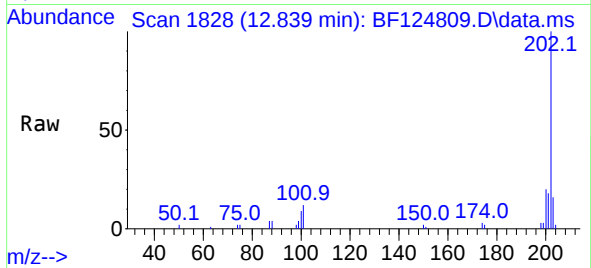
Tgt Ion:240 Resp: 14757
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 22.2 21.6 32.4





#78
Pyrene
Concen: 19.194 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

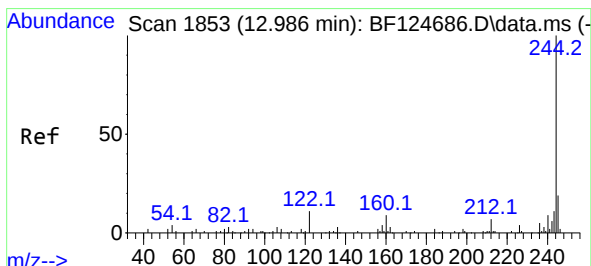
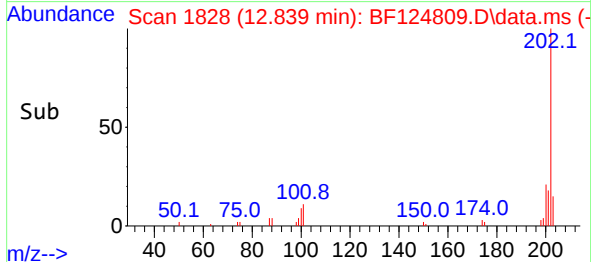
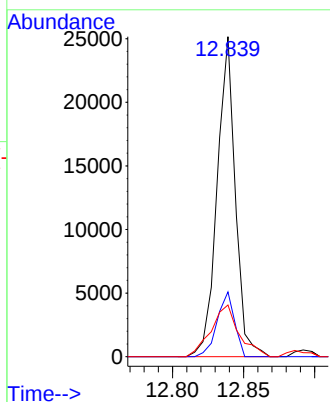
Instrument :
BNA_F
ClientSampled :
COMP-1



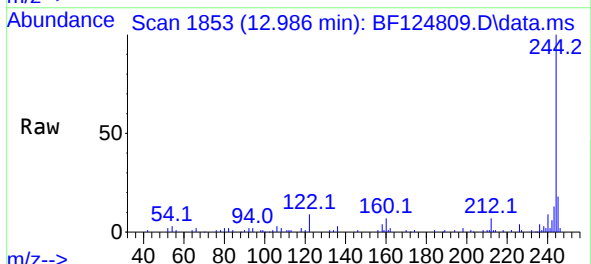
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Ion Ratio Lower Upper
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200 20.2 15.3 22.9
203 16.2 13.4 20.0

Manual Integrations
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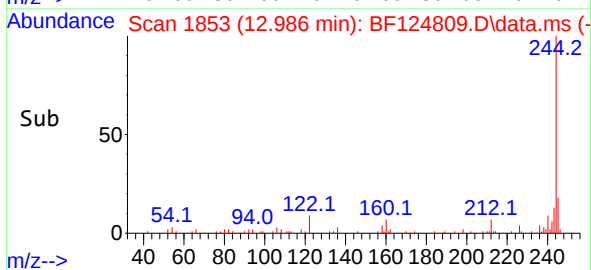
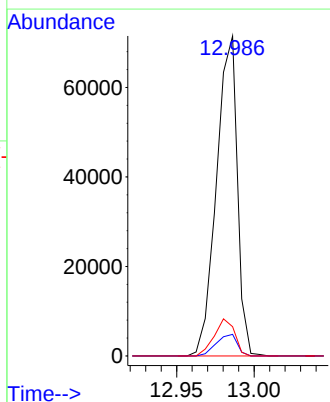
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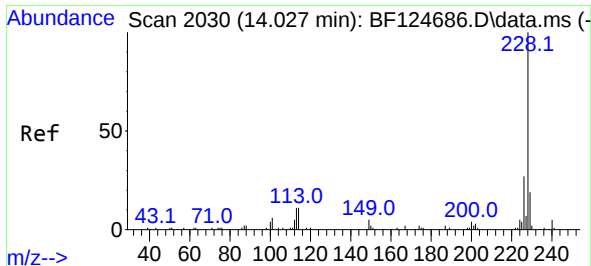


#79
Terphenyl-d14
Concen: 77.730 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



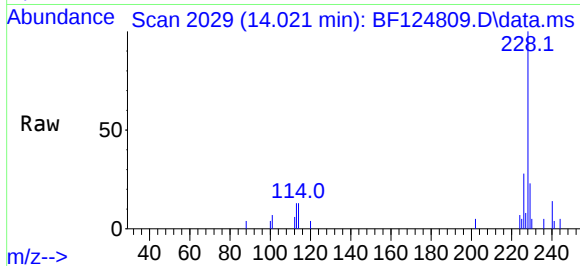
Tgt Ion:244 Resp: 66917
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.2 9.0 13.4





#81
Benzo(a)anthracene
Concen: 9.147 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

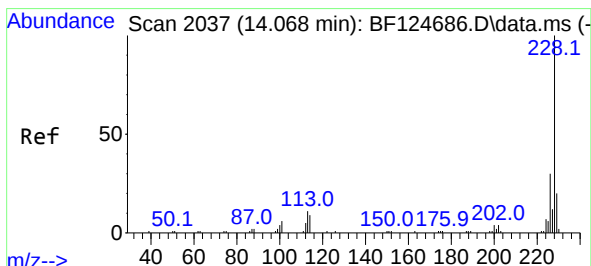
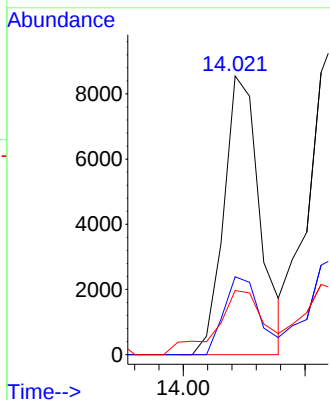
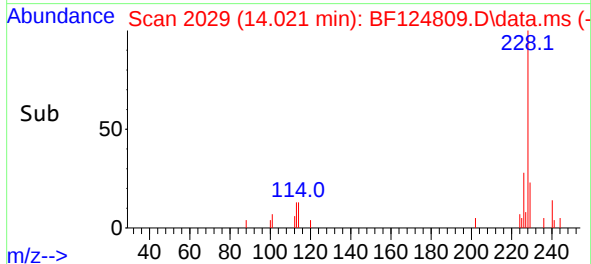
Instrument :
BNA_F
ClientSampled :
COMP-1



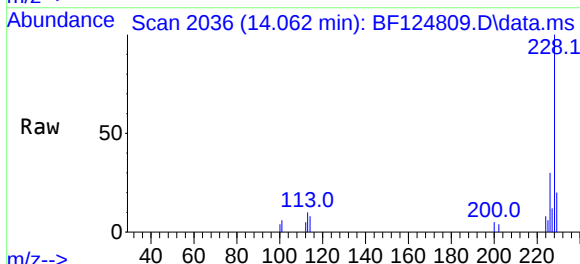
Tgt Ion:228 Resp: 8823
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 23.0 15.6 23.4

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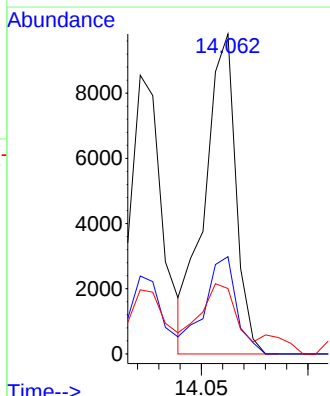
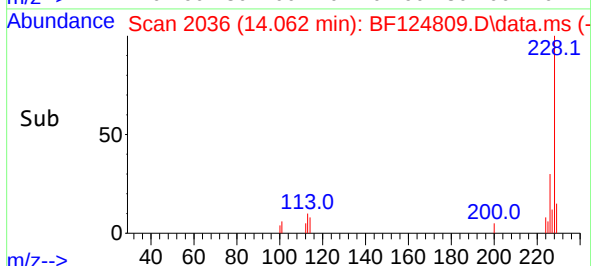
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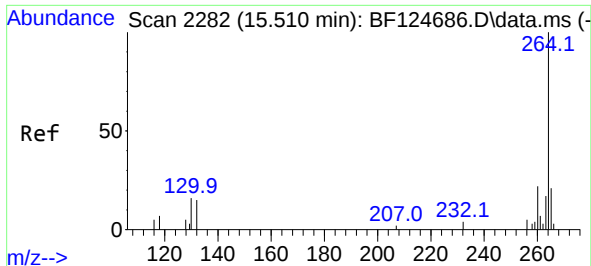


#83
Chrysene
Concen: 10.728 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



Tgt Ion:228 Resp: 9970
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 20.5 15.9 23.9





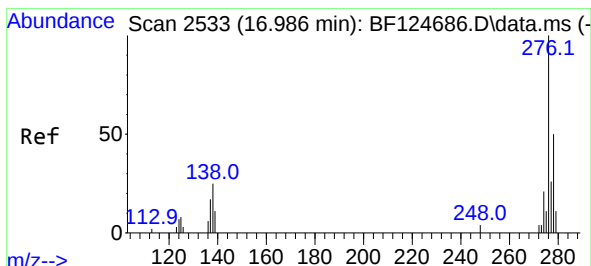
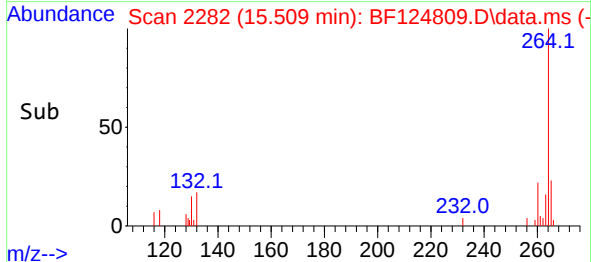
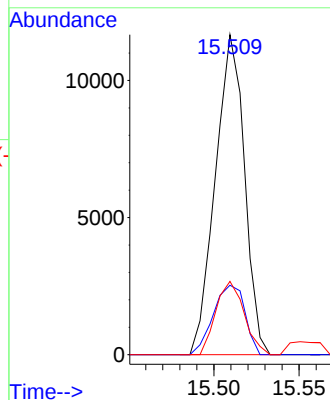
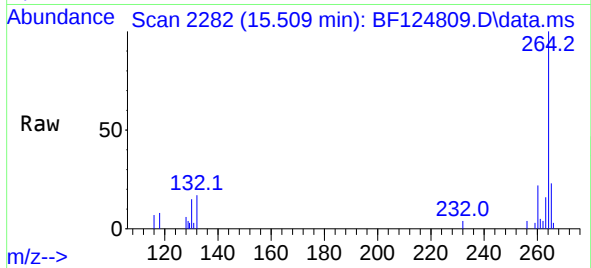
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:264 Resp: 13895
Ion Ratio Lower Upper
264 100
260 21.7 19.6 29.4
265 22.9 17.2 25.8

Instrument :
BNA_F
ClientSampled :
COMP-1

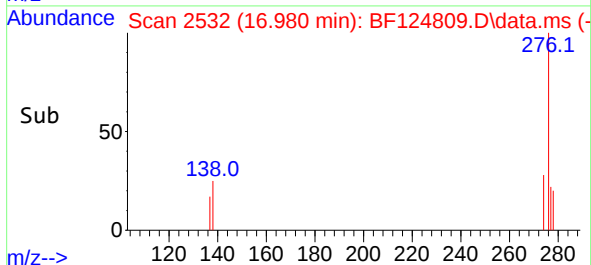
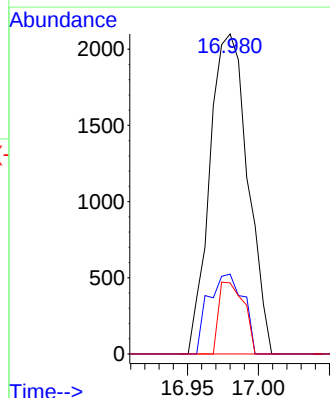
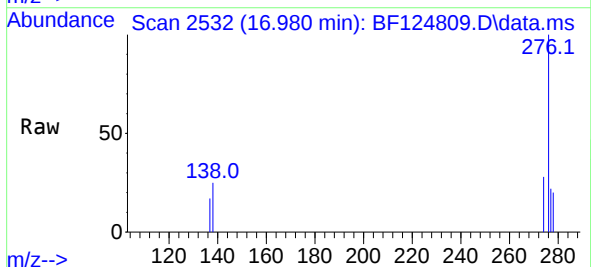
Manual Integrations
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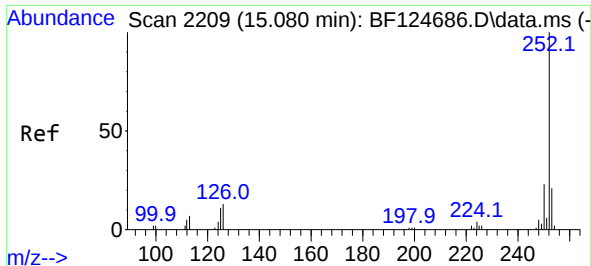
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.878 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

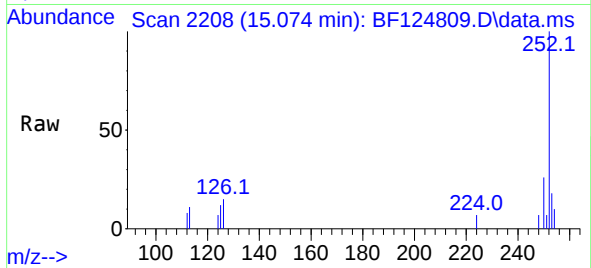
Tgt Ion:276 Resp: 3913
Ion Ratio Lower Upper
276 100
138 22.9 24.1 36.1#
277 14.8 18.8 28.2#





#88
Benzo(b)fluoranthene
Concen: 7.680 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

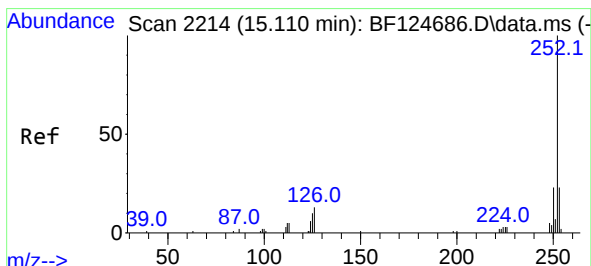
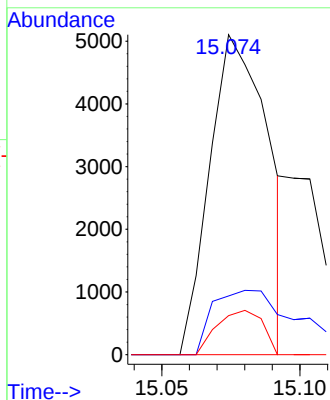
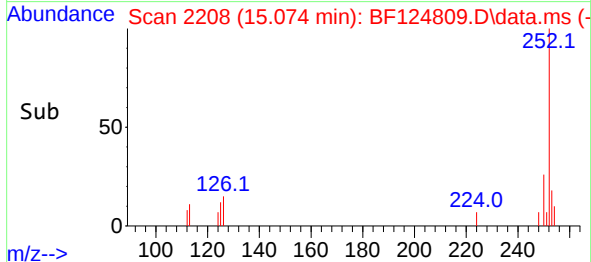
Instrument :
BNA_F
ClientSampled :
COMP-1



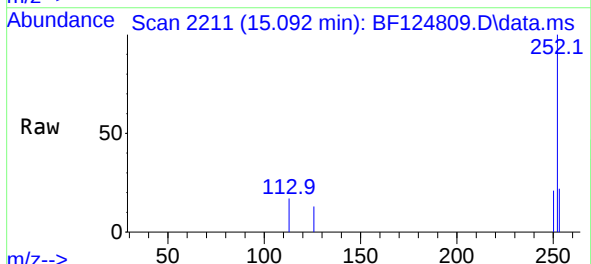
Tgt Ion:252 Resp: 7513
Ion Ratio Lower Upper
252 100
253 18.3 16.8 25.2
125 12.2 9.8 14.8

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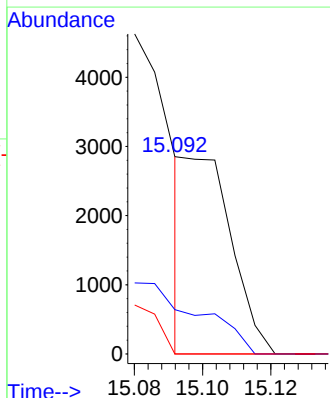
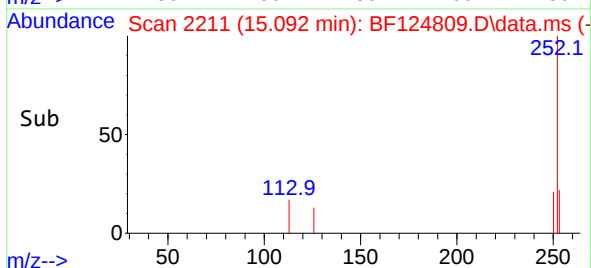
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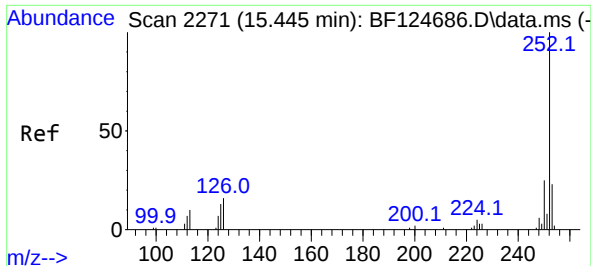


#89
Benzo(k)fluoranthene
Concen: 2.944 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.018 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46



Tgt Ion:252 Resp: 2632
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 13.3 7.2 10.8#





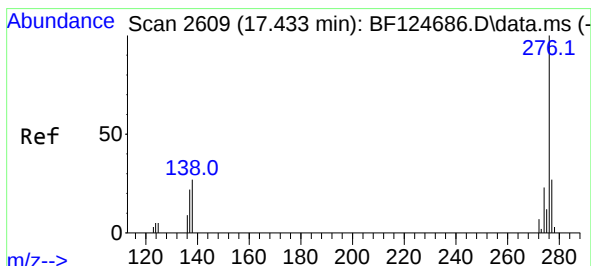
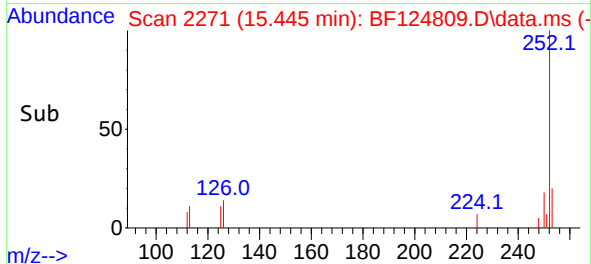
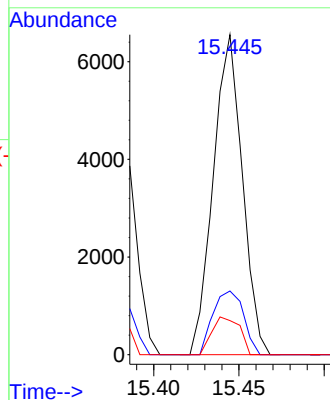
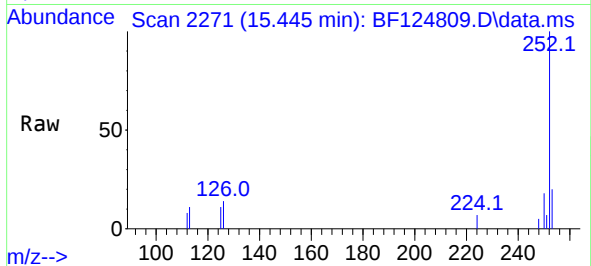
#90
Benzo(a)pyrene
Concen: 9.517 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:	252	Resp:	7778
Ion Ratio	Lower	Upper	
252	100		
253	19.9	18.4	27.6
125	10.7	9.9	14.9

Instrument :
BNA_F
ClientSampled :
COMP-1

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#92
Benzo(g,h,i)perylene
Concen: 6.118 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124809.D
Acq: 27 Jul 2021 23:46

Tgt Ion:	276	Resp:	4074
Ion Ratio	Lower	Upper	
276	100		
277	23.7	22.0	33.0
138	23.1	22.2	33.4

