

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124380.D
 Acq On : 18 Jun 2021 18:32
 Operator : JU/CG
 Sample : M2709-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0222-COMP-N(DISCRETE-CL-22)

Manual Integrations
 APPROVED

mohammad
 6/21/2021 11:38:33 AM

Quant Time: Jun 18 23:17:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	29893	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	115121	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	70356	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	133823	20.000	ng	0.00
76) Chrysene-d12	13.957	240	86902	20.000	ng	0.00
86) Perylene-d12	15.421	264	86401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	196234	98.819	ng	0.00
7) Phenol-d6	6.434	99	244990	91.784	ng	-0.01
23) Nitrobenzene-d5	7.351	82	178186	61.388	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	88898	89.186	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	311592	55.730	ng	0.00
79) Terphenyl-d14	12.898	244	313913	49.595	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	20225	2.419	ng	# 88
75) Fluoranthene	12.527	202	59322	6.760	ng	93
78) Pyrene	12.757	202	59227	7.097	ng	97
81) Benzo(a)anthracene	13.951	228	39483	6.237	ng	98
83) Chrysene	13.986	228	41022	6.716	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	20654	6.948	ng	98
88) Benzo(b)fluoranthene	14.998	252	54949m	8.187	ng	
89) Benzo(k)fluoranthene	15.021	252	15854m	2.495	ng	
90) Benzo(a)pyrene	15.357	252	38761	6.649	ng	95
91) Dibenzo(a,h)anthracene	16.880	278	7833	5.340	ng	# 69
92) Benzo(g,h,i)perylene	17.315	276	21815	7.123	ng	# 81

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

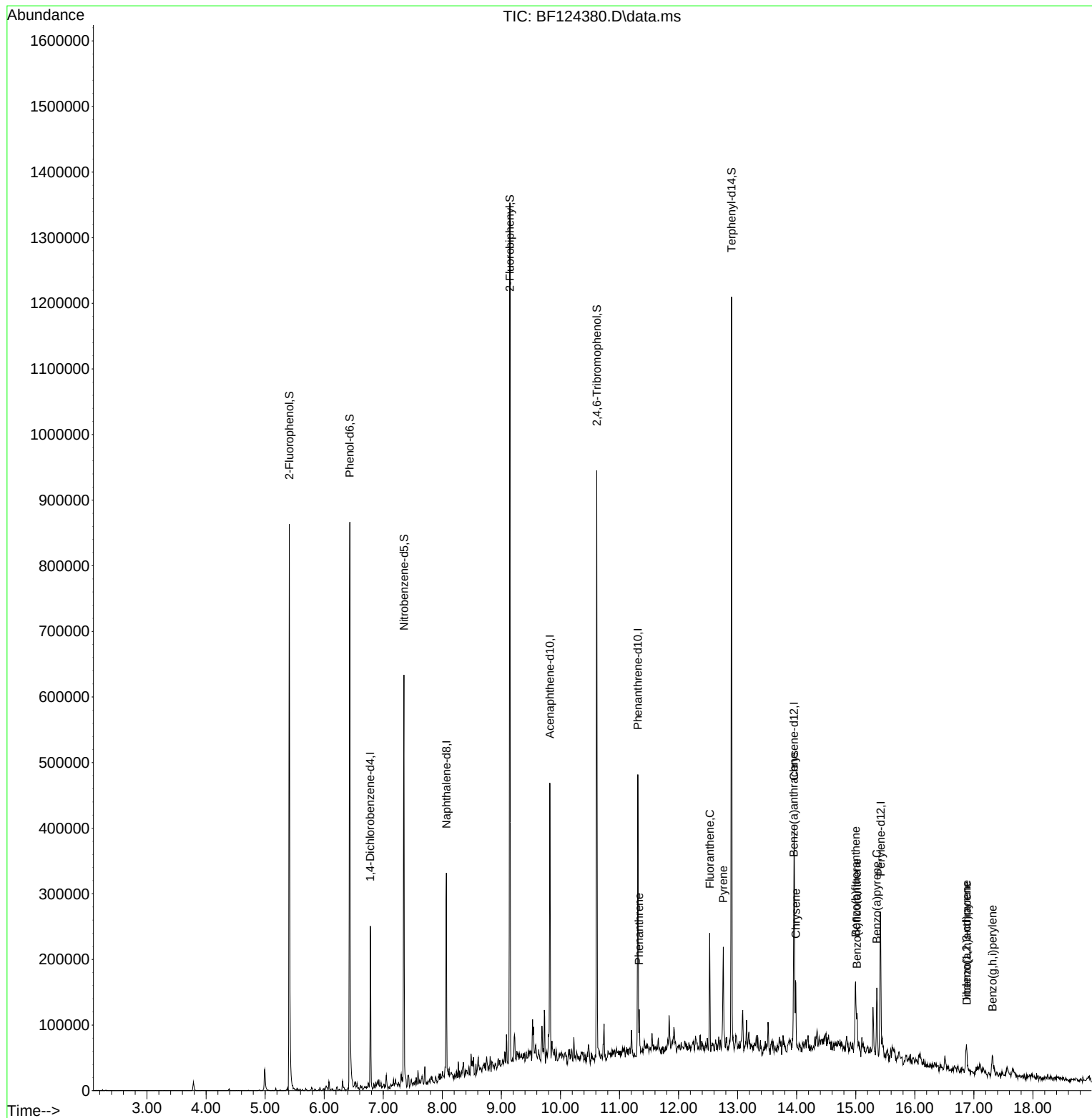
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124380.D
Acq On : 18 Jun 2021 18:32
Operator : JU/CG
Sample : M2709-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

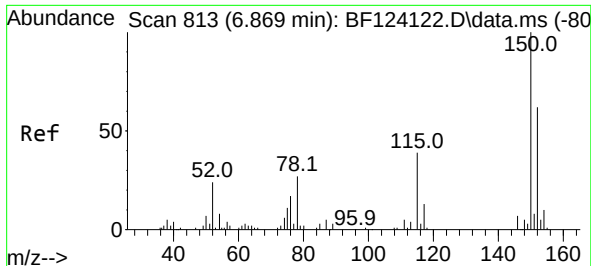
Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Manual Integrations
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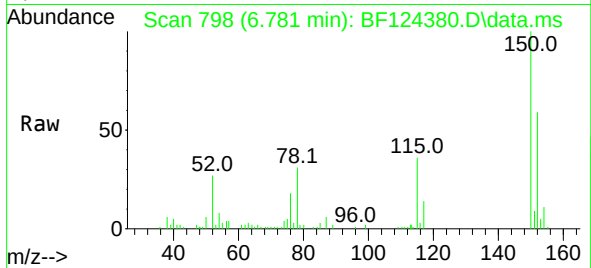
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Quant Time: Jun 18 23:17:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

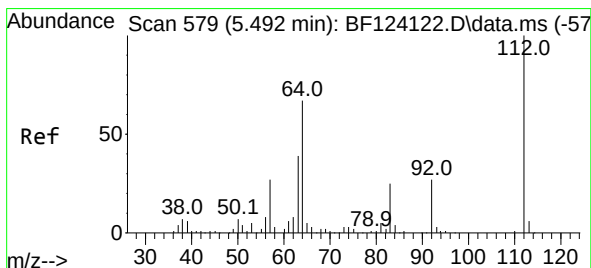
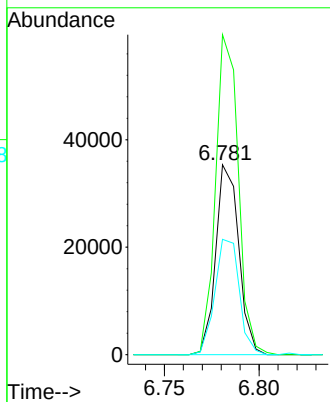
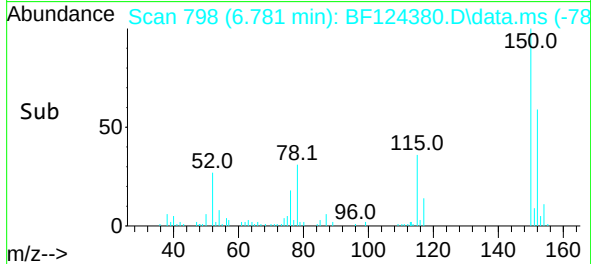




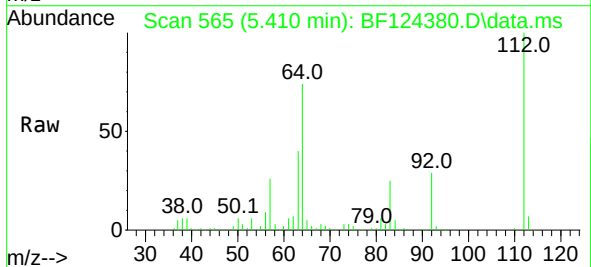
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



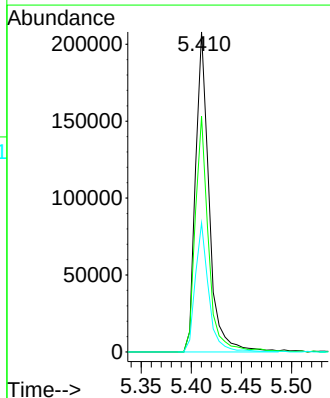
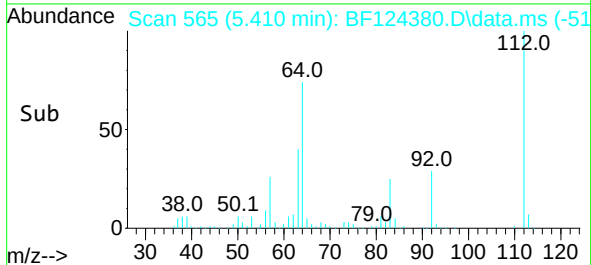
Tgt Ion:152 Resp: 29893
Ion Ratio Lower Upper
152 100
150 168.6 127.0 190.6
115 60.8 54.3 81.5



#5
2-Fluorophenol
Concen: 98.819 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



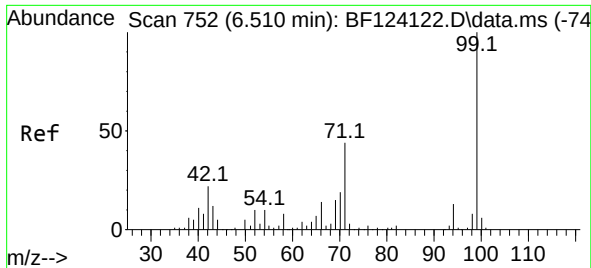
Tgt Ion:112 Resp: 196234
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 40.3 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

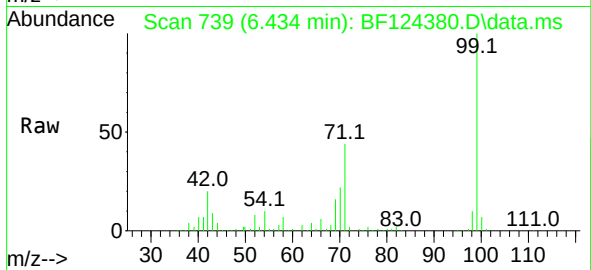
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#7
Phenol-d6
Concen: 91.784 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

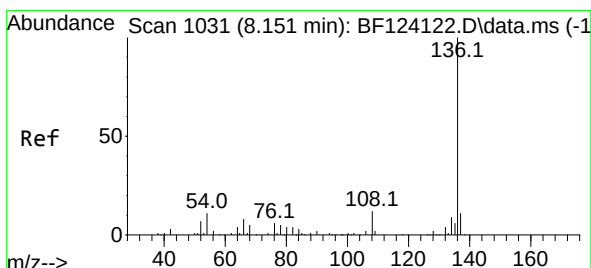
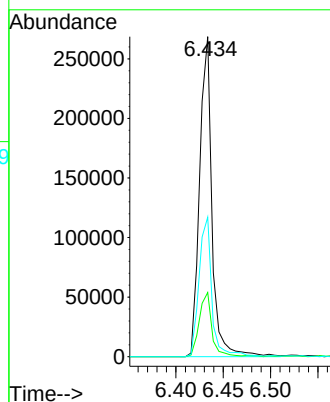
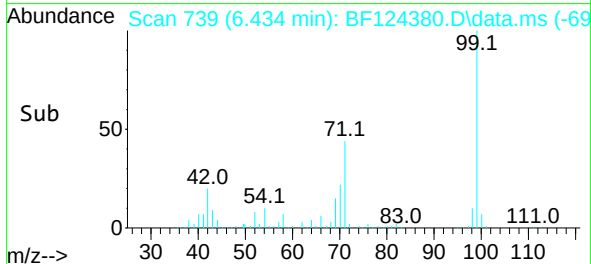
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BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)



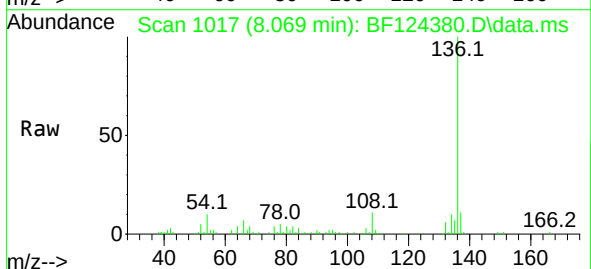
Tgt Ion: 99 Resp: 244990
Ion Ratio Lower Upper
99 100
42 20.1 19.8 29.8
71 43.6 31.1 46.7

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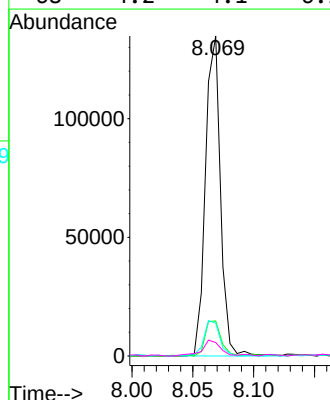
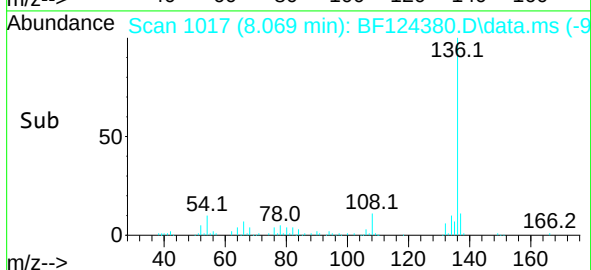
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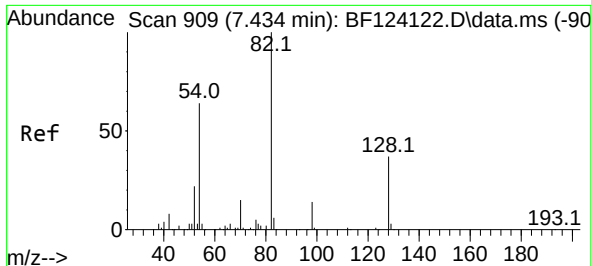


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



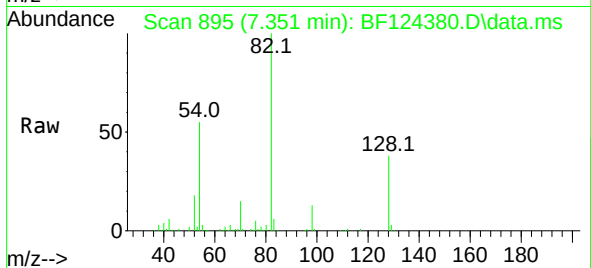
Tgt Ion: 136 Resp: 115121
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.2 9.8 14.6
68 4.2 4.1 6.1





#23
Nitrobenzene-d5
Concen: 61.388 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

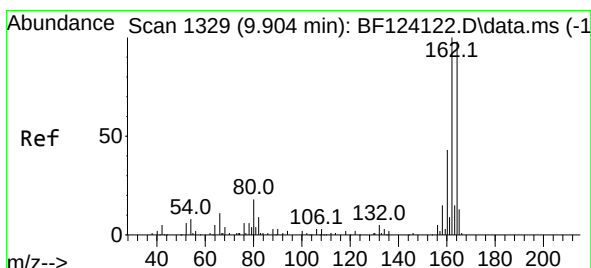
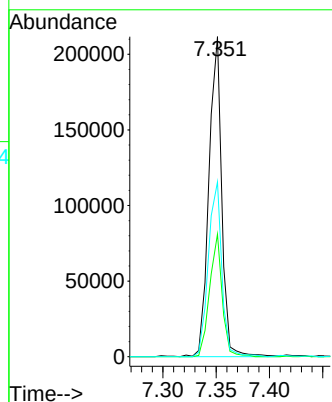
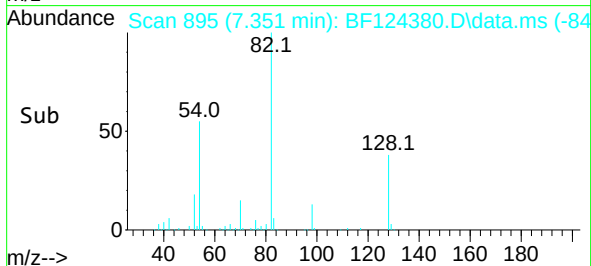
Instrument :
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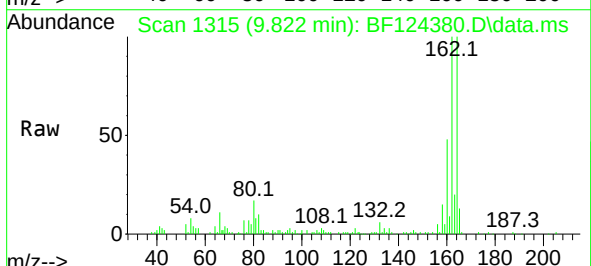
Tgt Ion: 82 Resp: 178186
Ion Ratio Lower Upper
82 100
128 38.3 29.4 44.2
54 54.6 54.1 81.1

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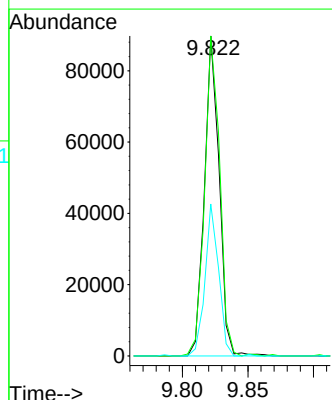
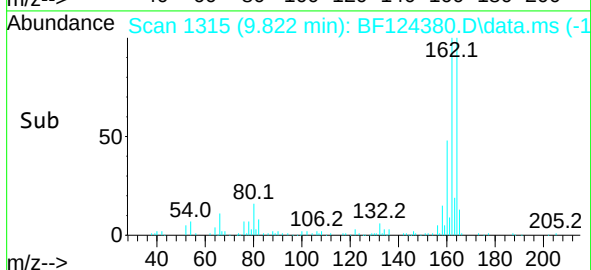
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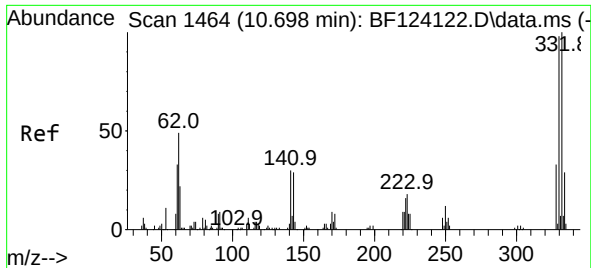


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



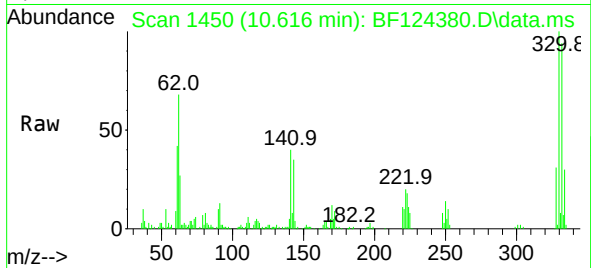
Tgt Ion: 164 Resp: 70356
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 47.5 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 89.186 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

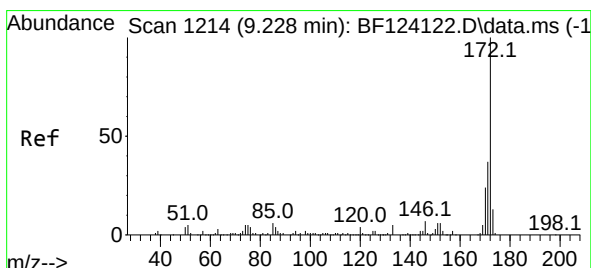
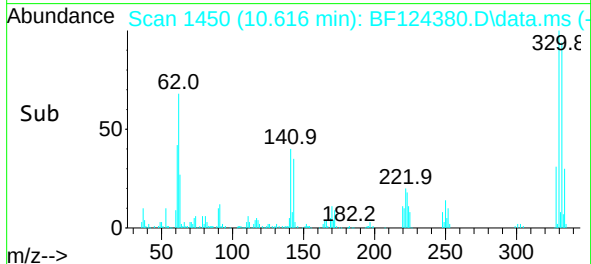
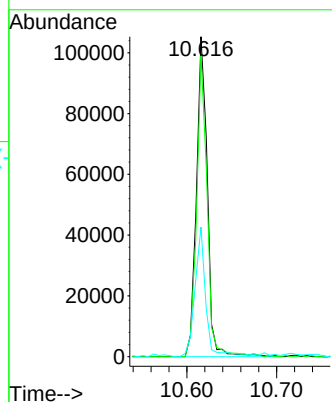
Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)



Tgt Ion:330 Resp: 88898
Ion Ratio Lower Upper
330 100
332 90.6 77.1 115.7
141 40.5 27.9 41.9

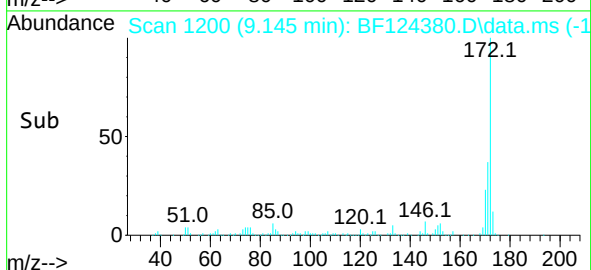
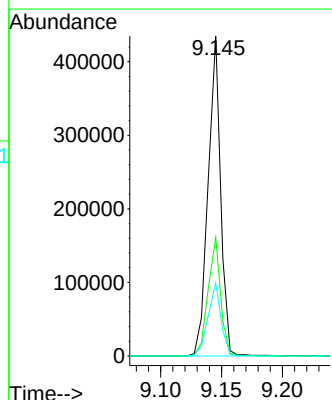
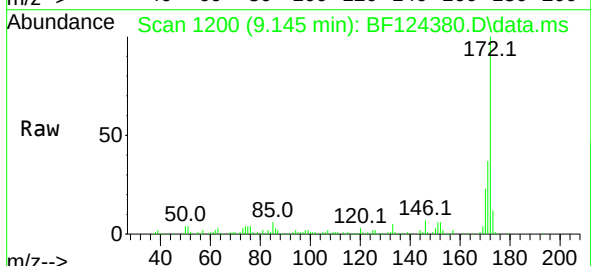
Manual Integrations
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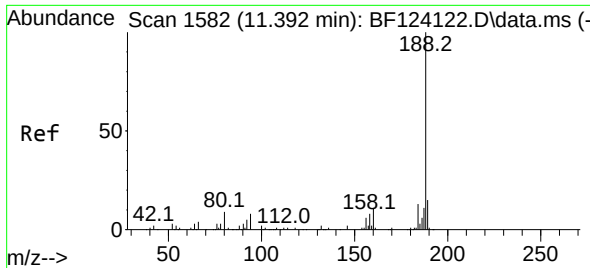
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#45
2-Fluorobiphenyl
Concen: 55.730 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:172 Resp: 311592
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 22.8 19.2 28.8





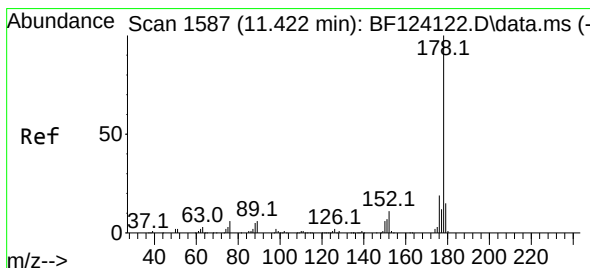
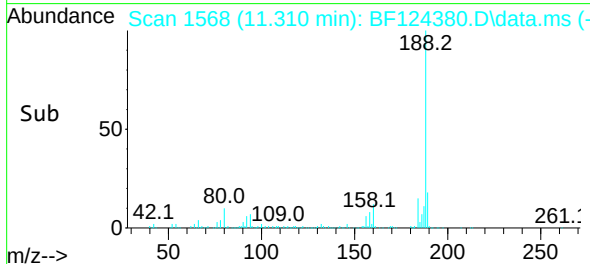
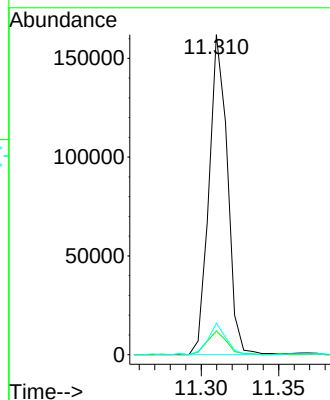
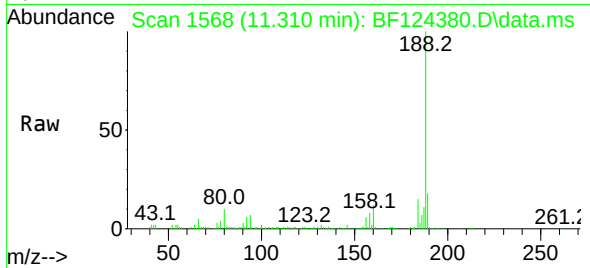
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:188 Resp: 133823
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.8 8.2 12.2

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

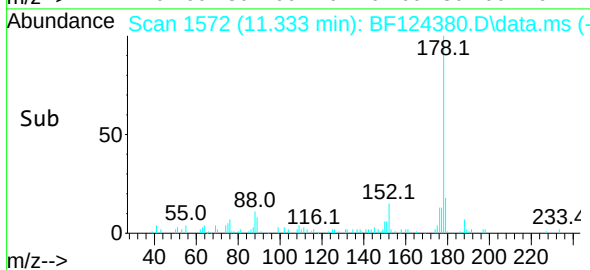
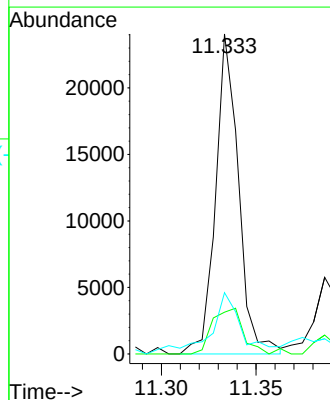
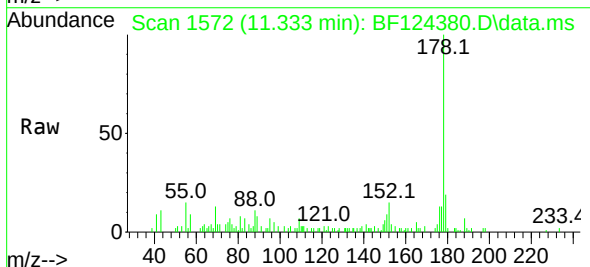
Manual Integrations
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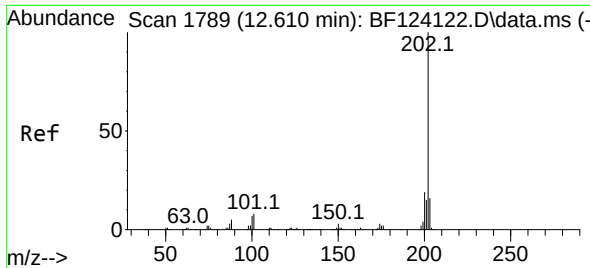
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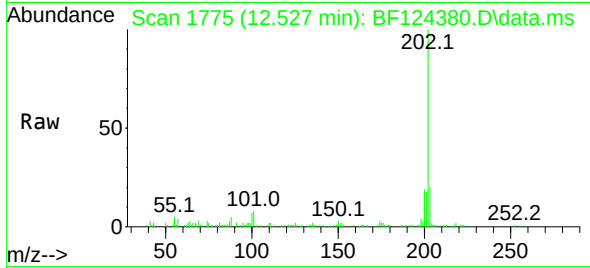
#71
Phenanthrene
Concen: 2.419 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:178 Resp: 20225
Ion Ratio Lower Upper
178 100
176 13.1 15.6 23.4#
179 19.2 12.5 18.7#

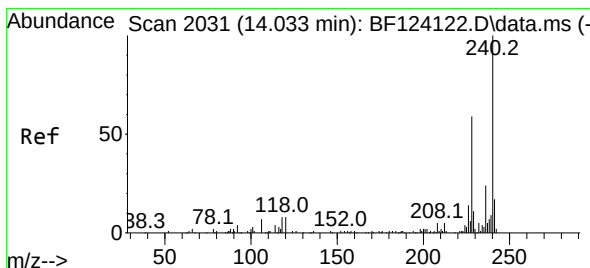
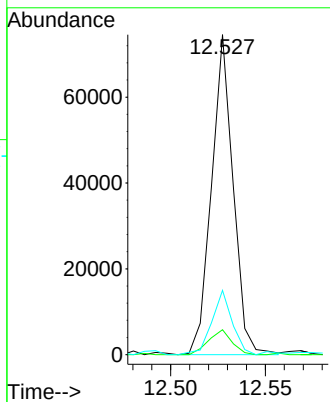
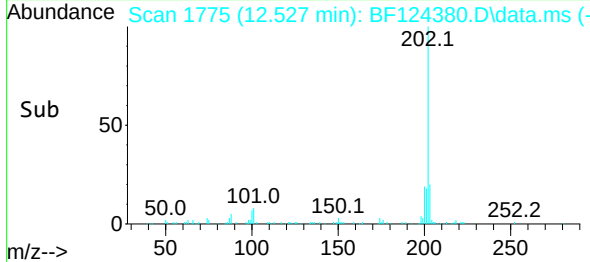




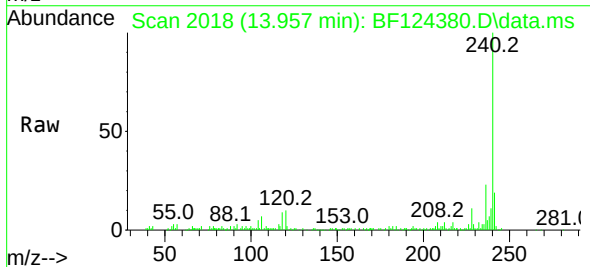
#75
Fluoranthene
Concen: 6.760 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



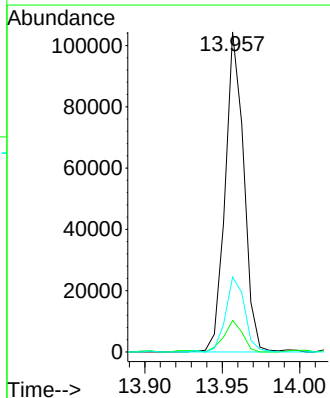
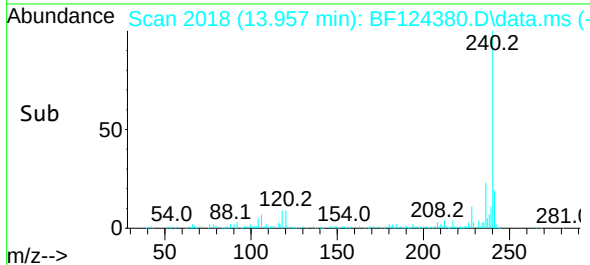
Tgt Ion:202 Resp: 59322
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.9
203 20.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



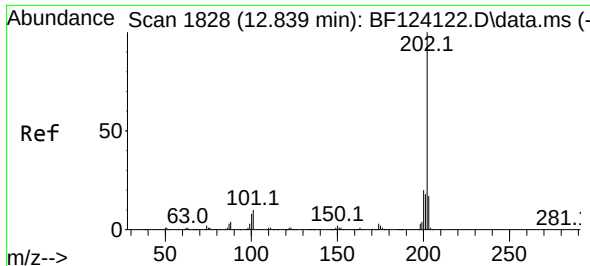
Tgt Ion:240 Resp: 86902
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 23.5 19.0 28.4



Instrument :
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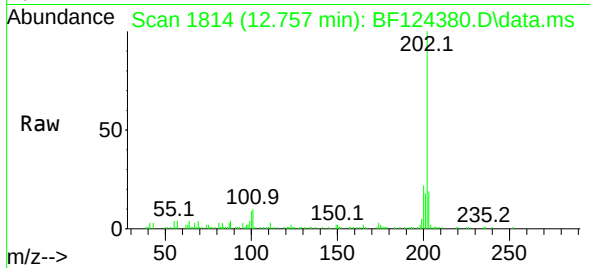
Manual Integrations
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#78
Pyrene
Concen: 7.097 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

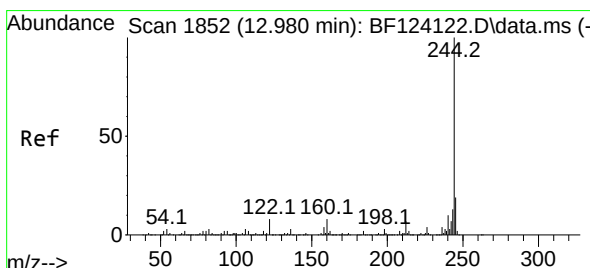
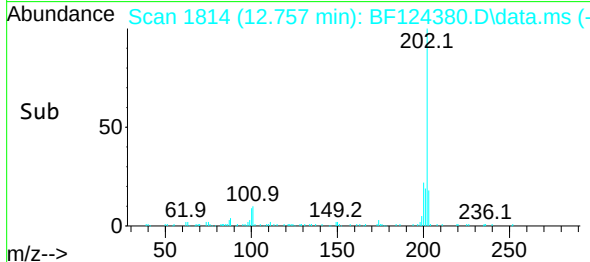
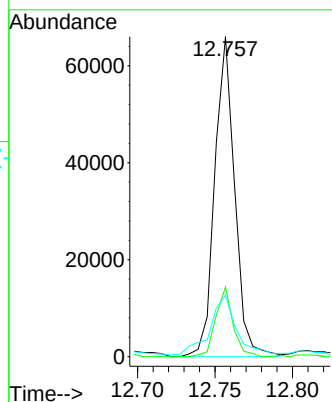
Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)



Tgt Ion:202 Resp: 59227
Ion Ratio Lower Upper
202 100
200 21.8 16.1 24.1
203 19.2 14.8 22.2

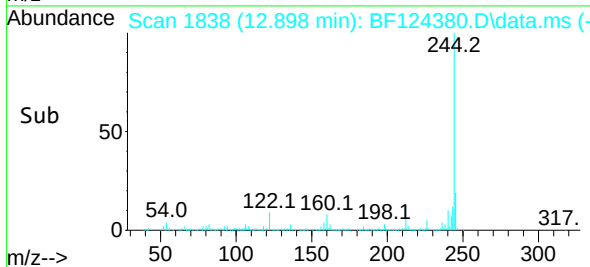
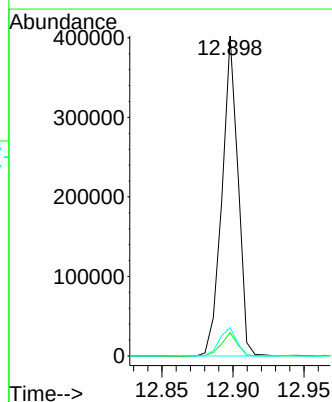
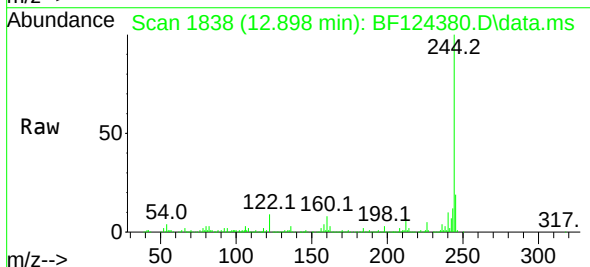
Manual Integrations
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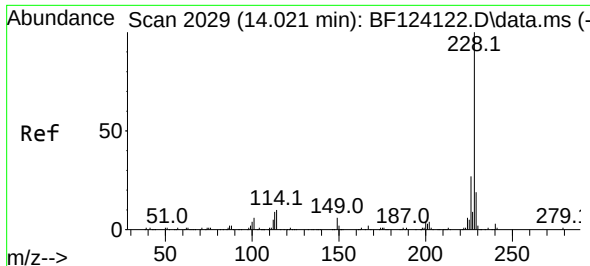
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#79
Terphenyl-d14
Concen: 49.595 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:244 Resp: 313913
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.9 9.7 14.5#





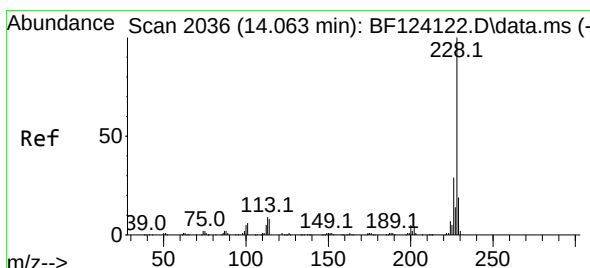
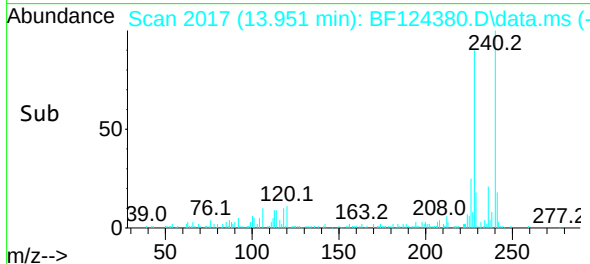
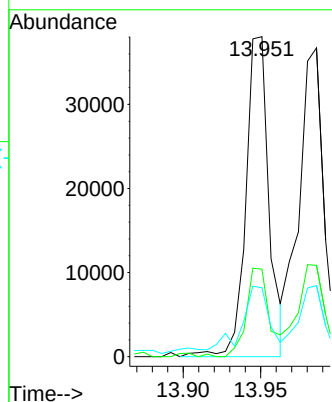
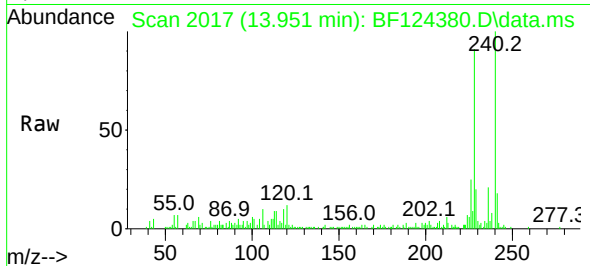
#81
Benzo(a)anthracene
Concen: 6.237 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:228 Resp: 39483
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 21.5 16.0 24.0

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

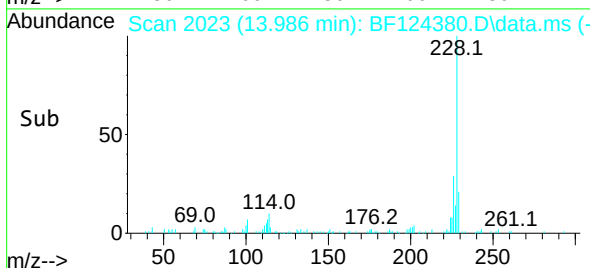
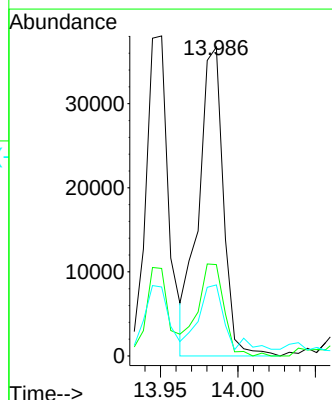
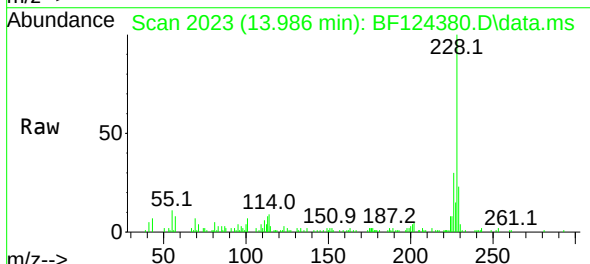
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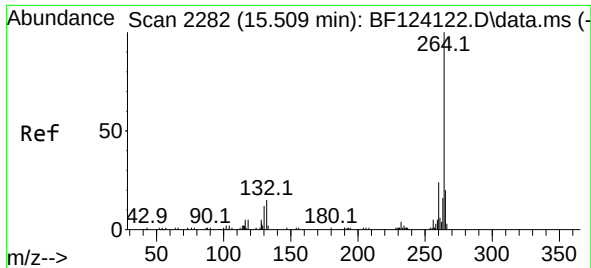
mohammad
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#83
Chrysene
Concen: 6.716 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:228 Resp: 41022
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 23.0 16.2 24.2





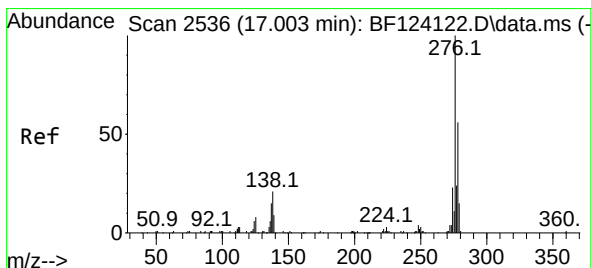
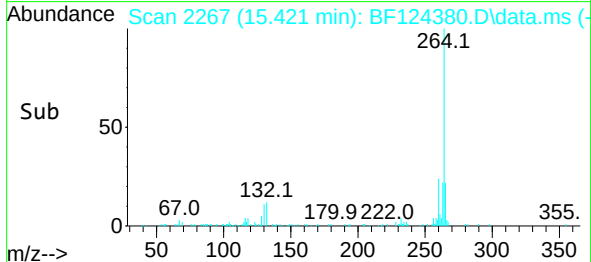
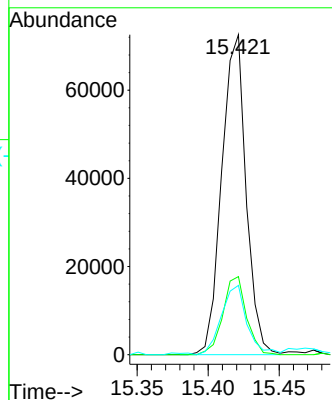
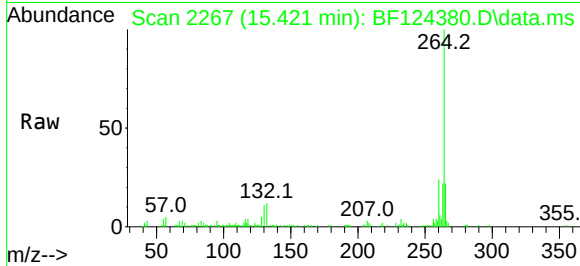
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:264	Resp:	86401
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.7 28.1
265	21.6	17.8 26.8

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

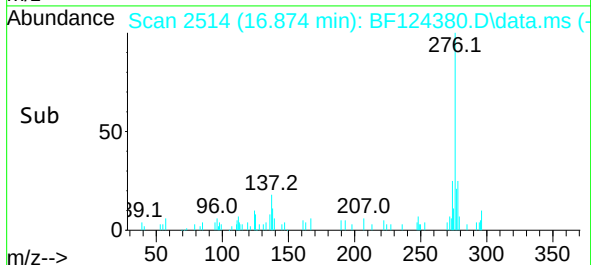
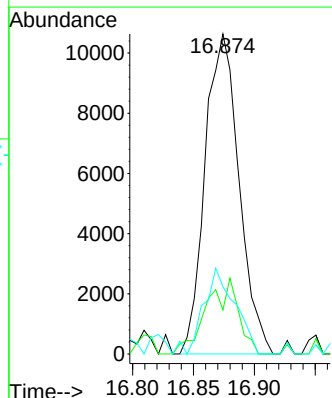
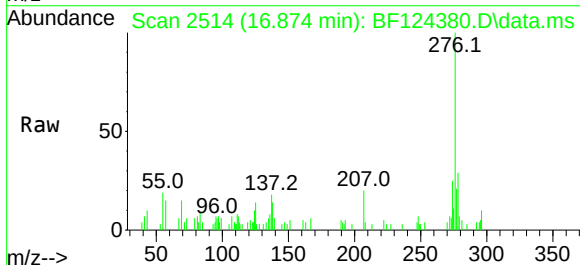
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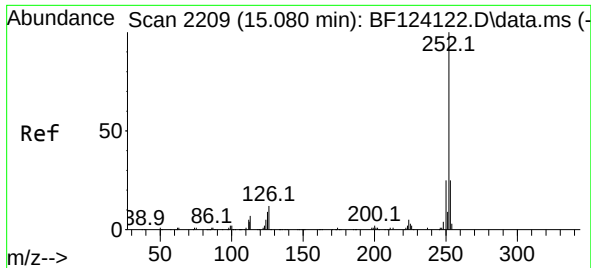
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.948 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:276	Resp:	20654
Ion Ratio	Lower	Upper
276	100	
138	22.3	16.2 24.2
277	24.9	20.1 30.1





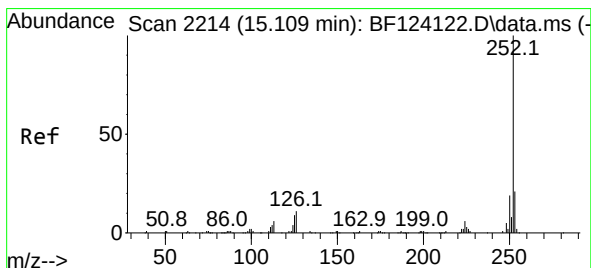
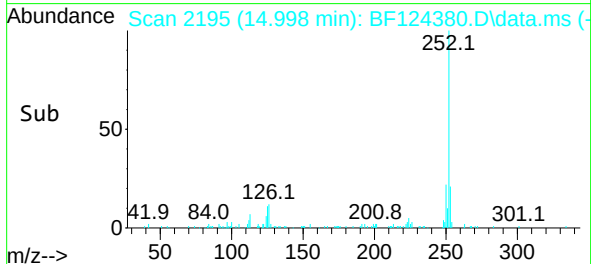
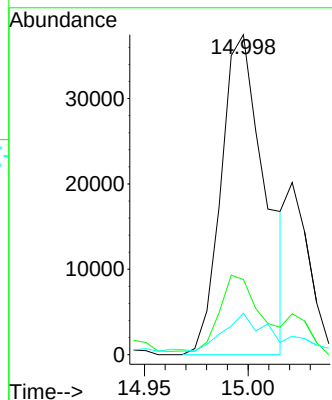
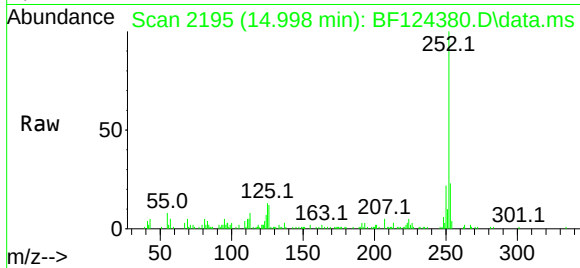
#88
Benzo(b)fluoranthene
Concen: 8.187 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

Tgt Ion:252 Resp: 54949
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 13.0 6.2 9.4#

Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

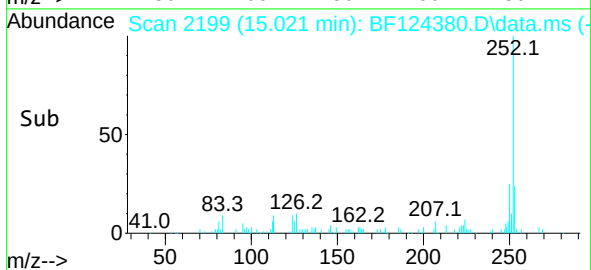
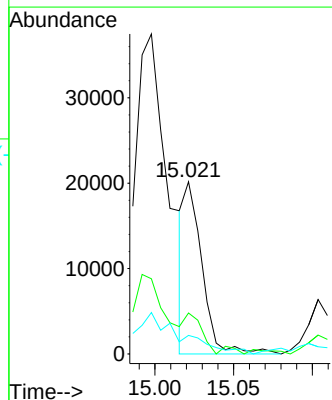
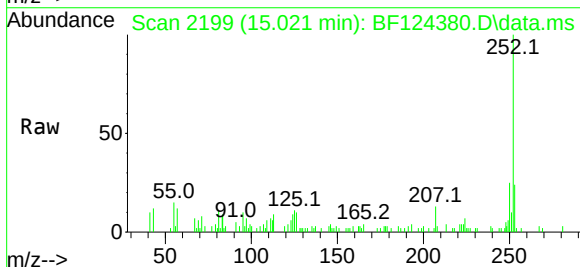
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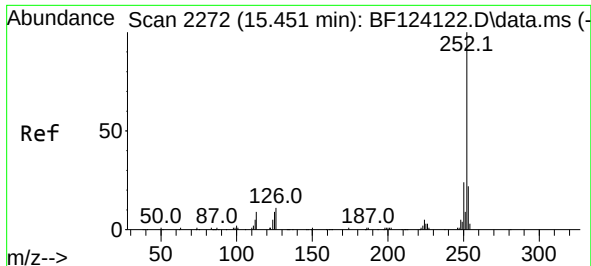
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#89
Benzo(k)fluoranthene
Concen: 2.495 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

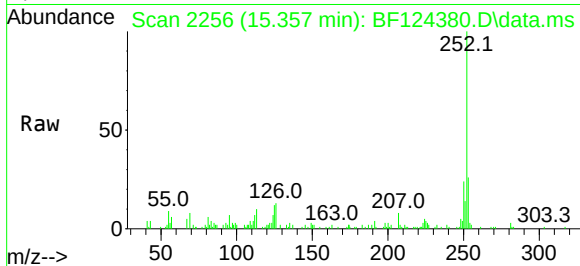
Tgt Ion:252 Resp: 15854
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 10.8 7.0 10.6#





#90
Benzo(a)pyrene
Concen: 6.649 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32

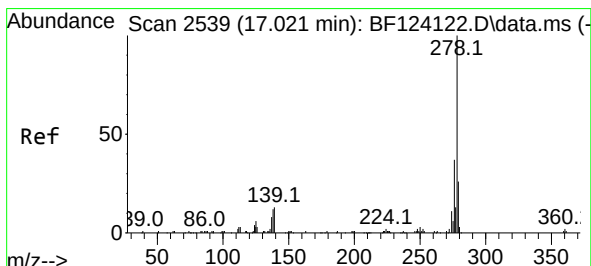
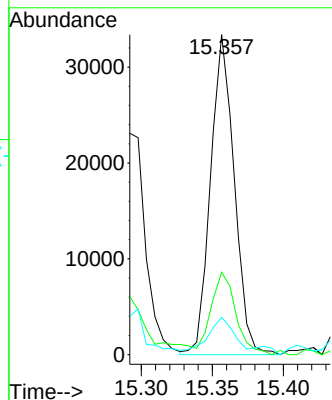
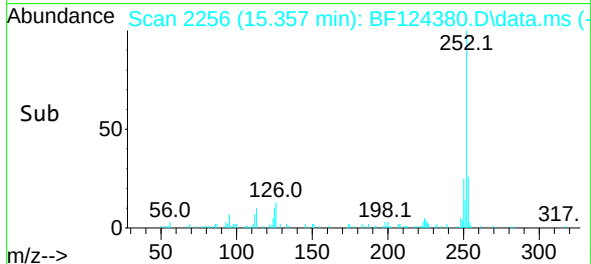
Instrument :
BNA_F
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)



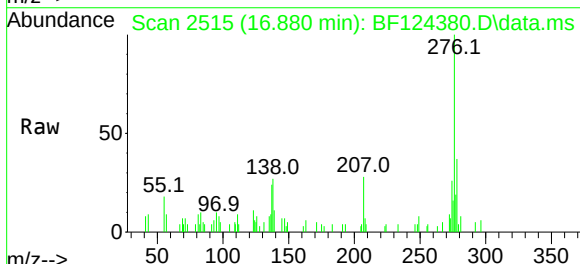
Tgt Ion:252 Resp: 38761
Ion Ratio Lower Upper
252 100
253 25.7 18.4 27.6
125 11.6 8.0 12.0

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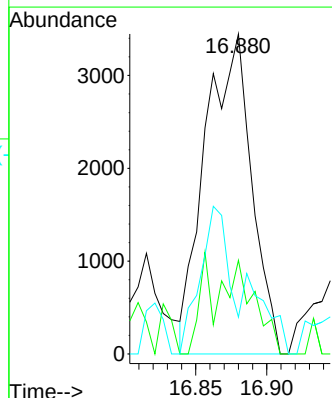
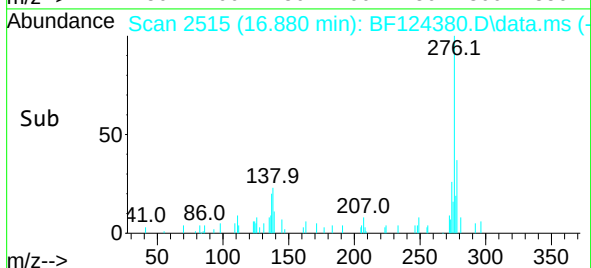
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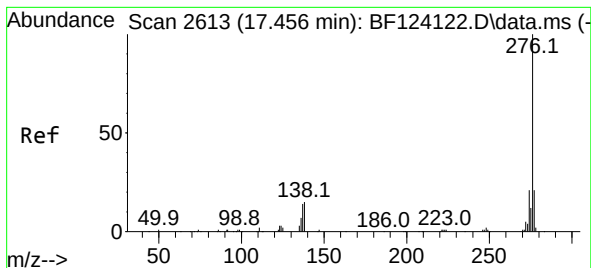


#91
Dibenzo(a,h)anthracene
Concen: 5.340 ng
RT: 16.880 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BF124380.D
Acq: 18 Jun 2021 18:32



Tgt Ion:278 Resp: 7833
Ion Ratio Lower Upper
278 100
139 29.2 10.2 15.2#
279 11.5 19.4 29.0#





#92

Benzo(g,h,i)perylene

Concen: 7.123 ng

RT: 17.315 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BF124380.D

Acq: 18 Jun 2021 18:32

Tgt Ion:	276	Resp:	21815
Ion Ratio	Lower	Upper	
276	100		
277	33.8	18.2	27.2#
138	23.2	13.8	20.6#

Instrument :

BNA_F

ClientSampleId :

0222-COMP-N(DISCRETE-CL-22)

Manual Integrations
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