

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124362.D
 Acq On : 17 Jun 2021 14:39
 Operator : JU/CG
 Sample : M2734-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWSP

Manual Integrations
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Quant Time: Jun 17 15:06:33 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	34045	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	123383	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	67558	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	101925	20.000	ng	0.00
76) Chrysene-d12	13.957	240	81125	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	58992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	218842	96.764	ng	0.00
7) Phenol-d6	6.434	99	263032	86.525	ng	-0.01
23) Nitrobenzene-d5	7.351	82	195424	62.819	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	73373	76.659	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	355549	66.226	ng	0.00
79) Terphenyl-d14	12.898	244	293693	49.705	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	15248	2.395	ng	# 87
75) Fluoranthene	12.527	202	26550	3.973	ng	95
78) Pyrene	12.757	202	31588	4.055	ng	97
81) Benzo(a)anthracene	13.945	228	16333	2.764	ng	97
83) Chrysene	13.980	228	13572	2.380	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	3740	5.028	ng	# 78
88) Benzo(b)fluoranthene	14.992	252	12707m	2.773	ng	
90) Benzo(a)pyrene	15.351	252	9568	2.404	ng	# 86
91) Dibenzo(a,h)anthracene	16.874	278	1780	4.563	ng	# 57
92) Benzo(g,h,i)perylene	17.309	276	4560	4.822	ng	# 78

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

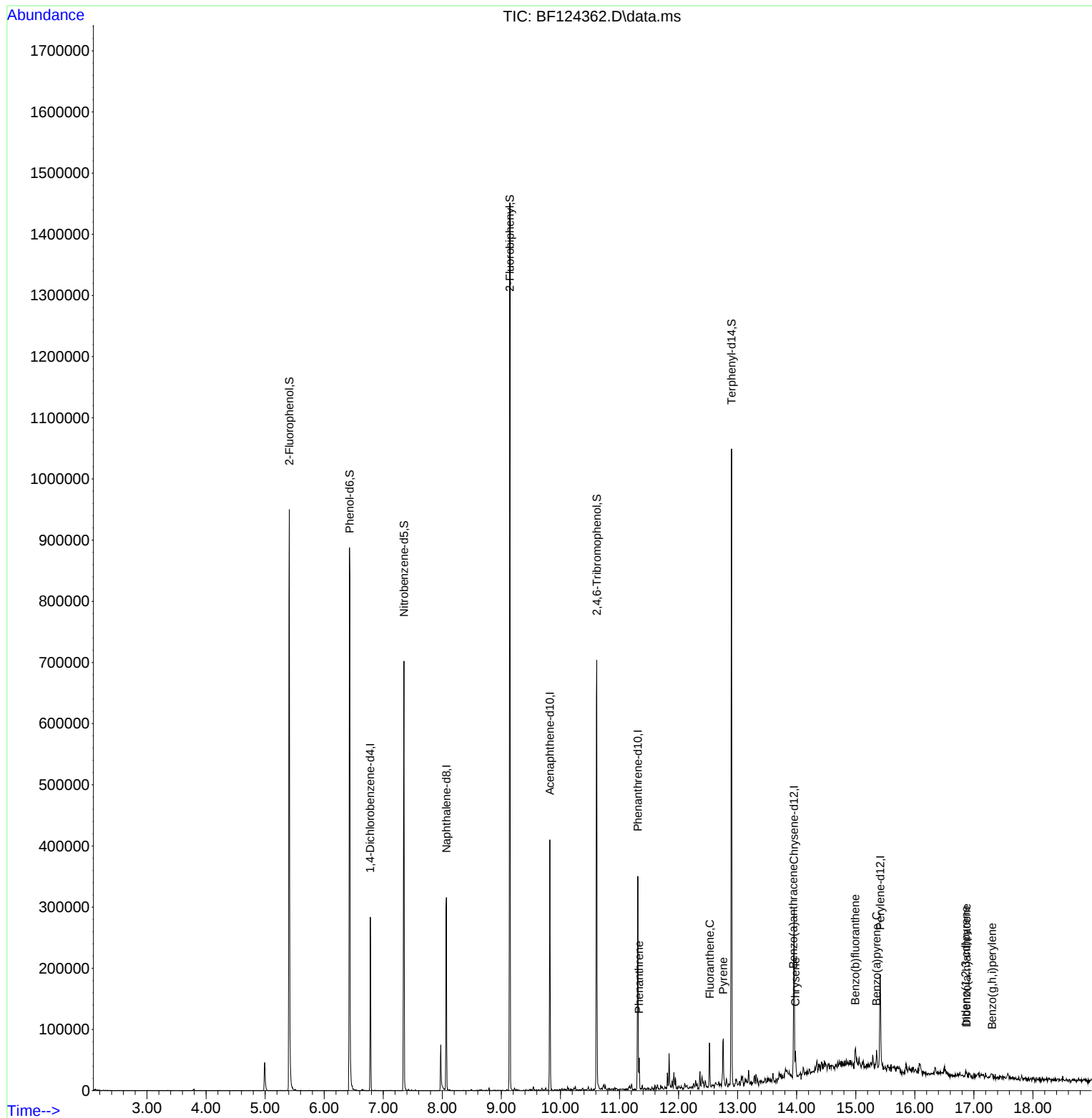
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124362.D
Acq On : 17 Jun 2021 14:39
Operator : JU/CG
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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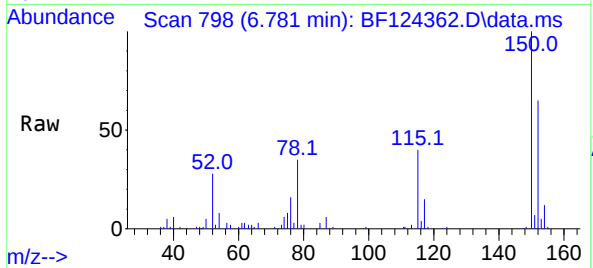
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Quant Time: Jun 17 15:06:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

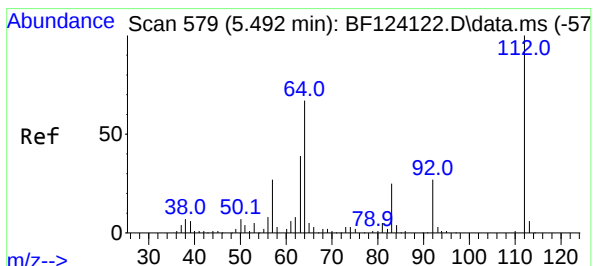
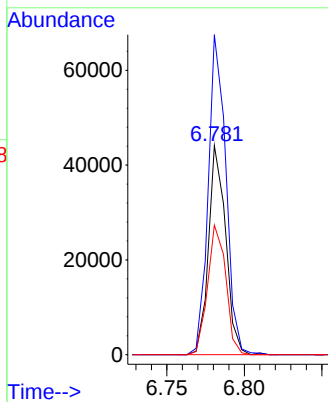
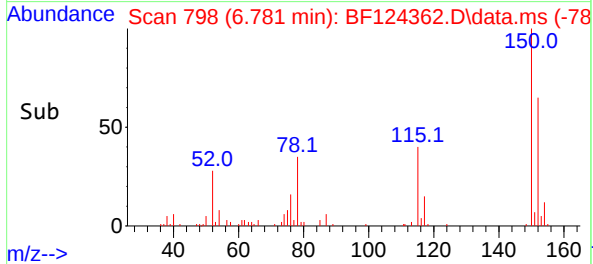




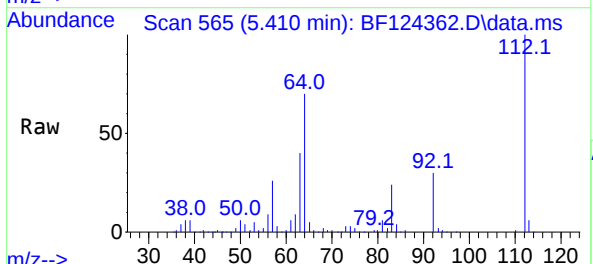
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



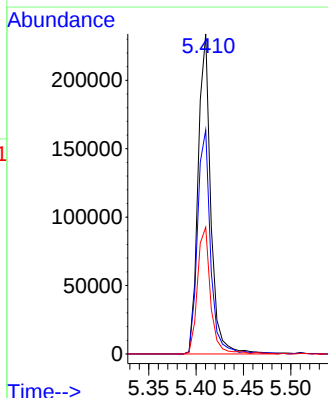
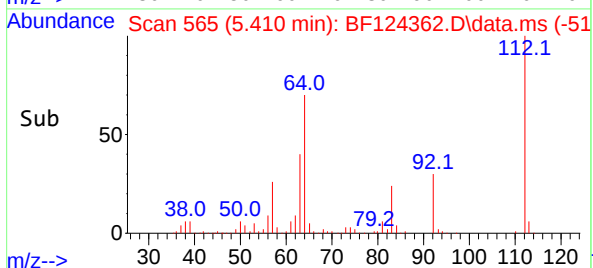
Tgt Ion:152 Resp: 34045
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 62.0 54.3 81.5



#5
2-Fluorophenol
Concen: 96.764 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



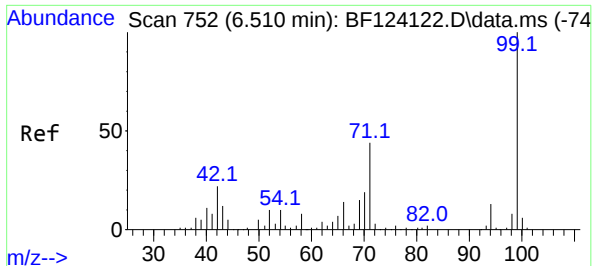
Tgt Ion:112 Resp: 218842
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 39.6 33.0 49.4



Instrument :
BNA_F
ClientSampled :
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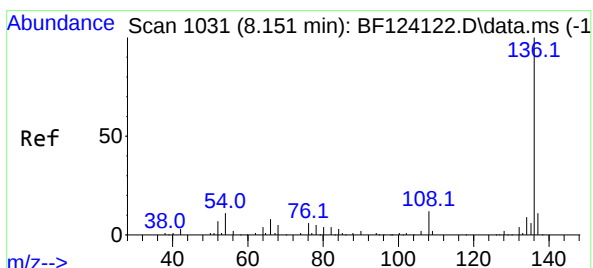
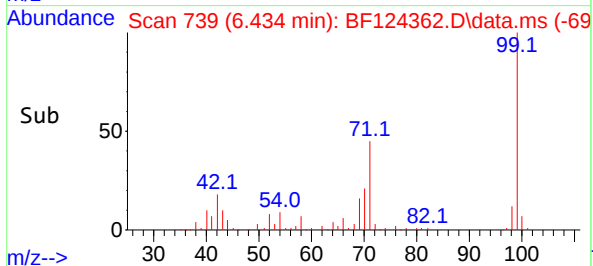
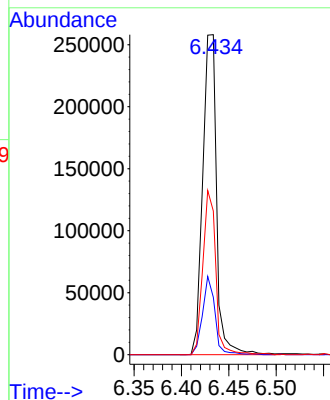
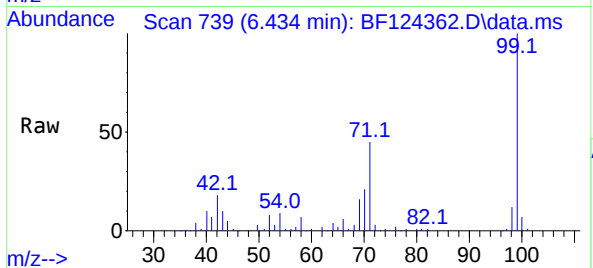
#7
Phenol-d6
Concen: 86.525 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

Tgt Ion: 99 Resp: 263032
Ion Ratio Lower Upper
99 100
42 17.9 19.8 29.8#
71 44.9 31.1 46.7

Instrument :
BNA_F
ClientSampled :
CWSP

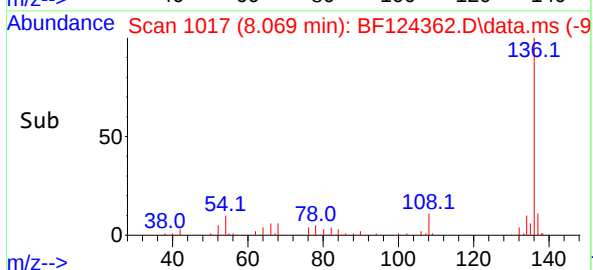
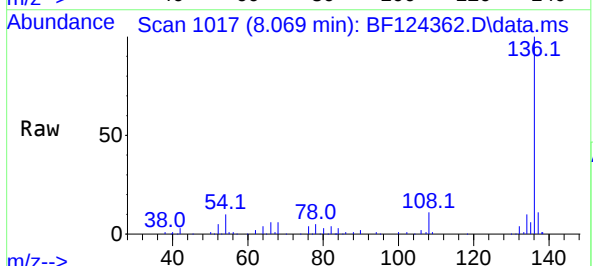
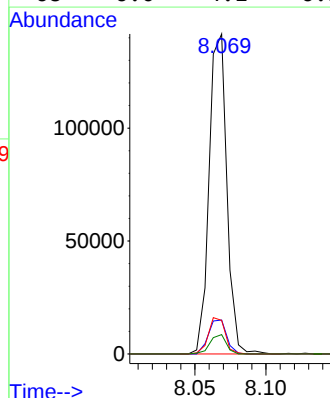
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

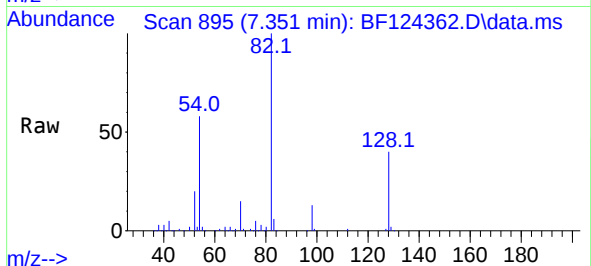
Tgt Ion:136 Resp: 123383
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.5 9.8 14.6
68 6.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 62.819 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

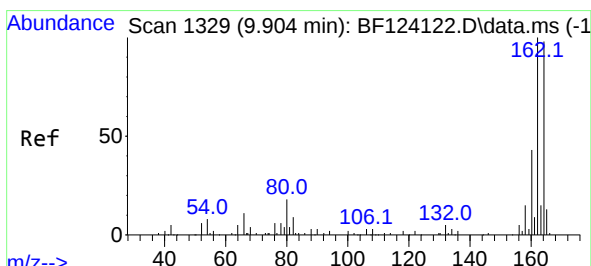
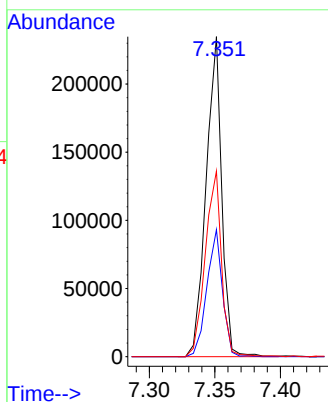
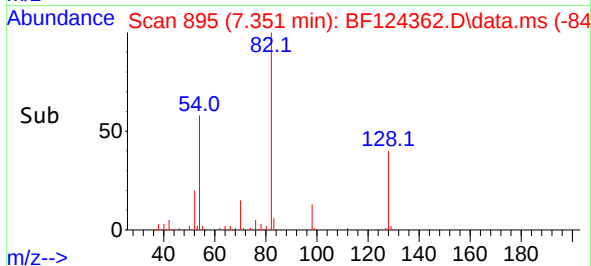
Instrument :
BNA_F
ClientSampled :
CWSP



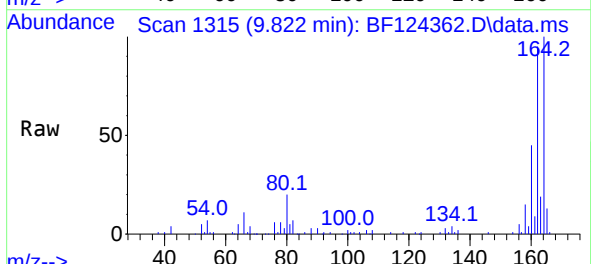
Tgt Ion: 82 Resp: 195424
Ion Ratio Lower Upper
82 100
128 39.7 29.4 44.2
54 58.0 54.1 81.1

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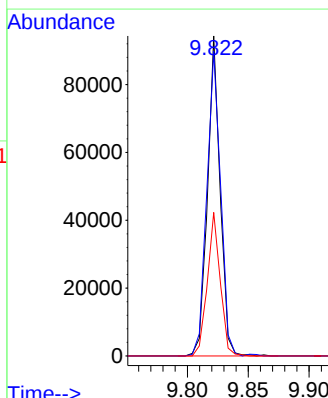
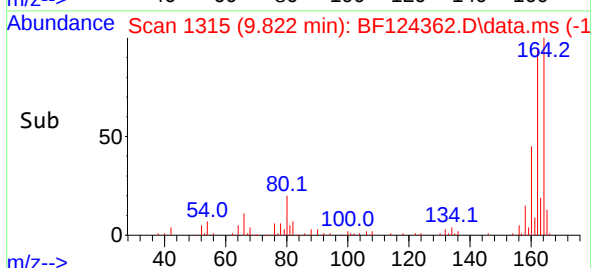
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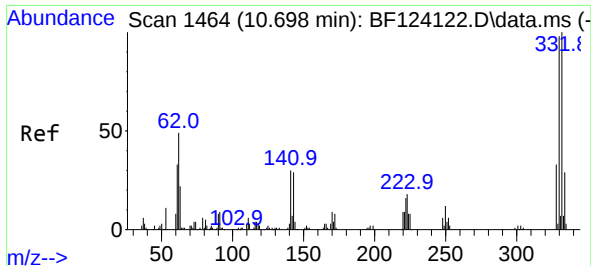


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



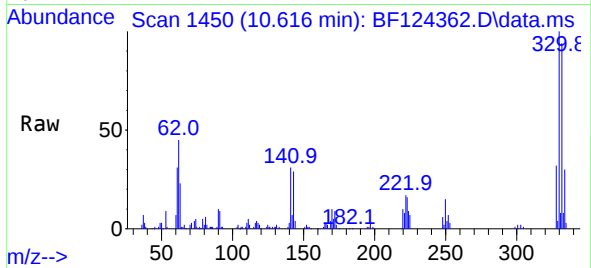
Tgt Ion: 164 Resp: 67558
Ion Ratio Lower Upper
164 100
162 95.2 80.7 121.1
160 44.8 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 76.659 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

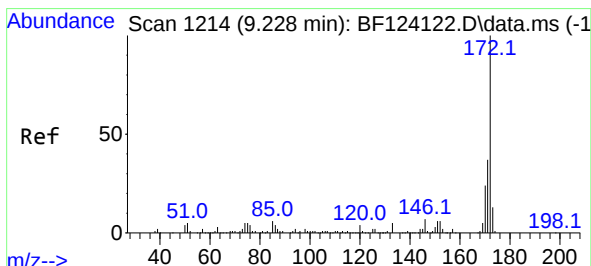
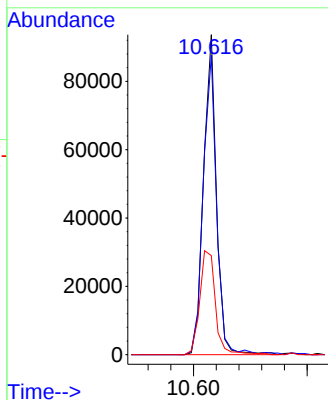
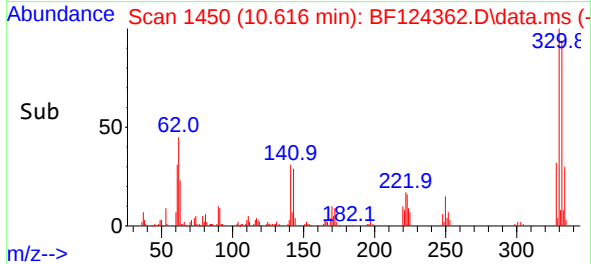
Instrument :
BNA_F
ClientSampled :
CWSP



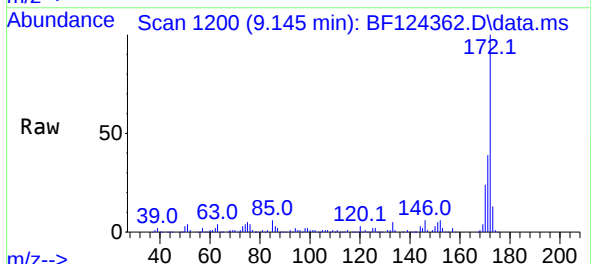
Tgt Ion:330 Resp: 73373
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.7 27.9 41.9

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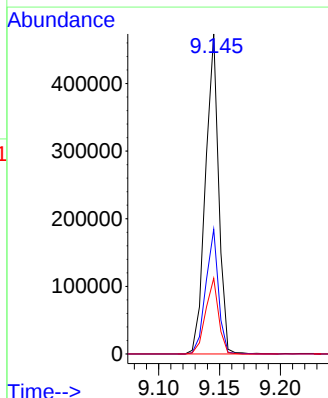
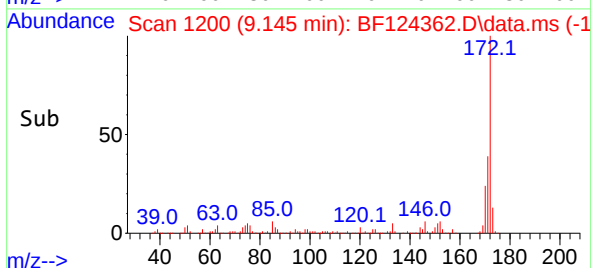
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#45
2-Fluorobiphenyl
Concen: 66.226 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



Tgt Ion:172 Resp: 355549
Ion Ratio Lower Upper
172 100
171 38.9 28.1 42.1
170 23.7 19.2 28.8





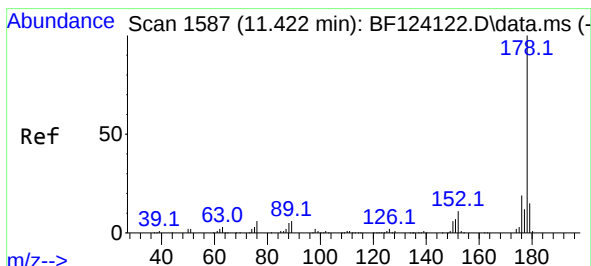
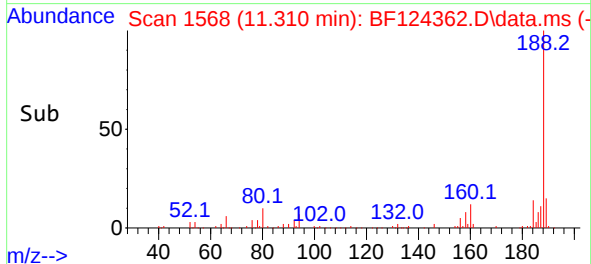
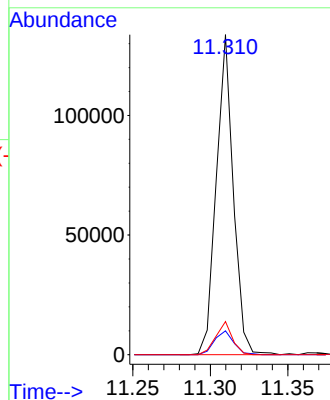
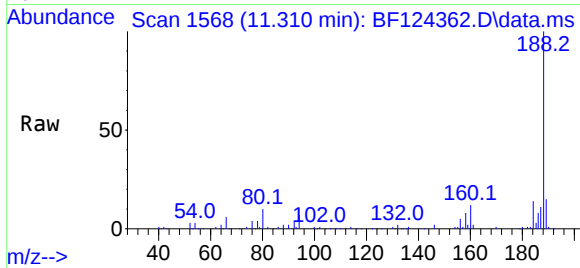
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

Instrument :
BNA_F
ClientSampled :
CWSP

Tgt Ion:188 Resp: 101925
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 10.4 8.2 12.2

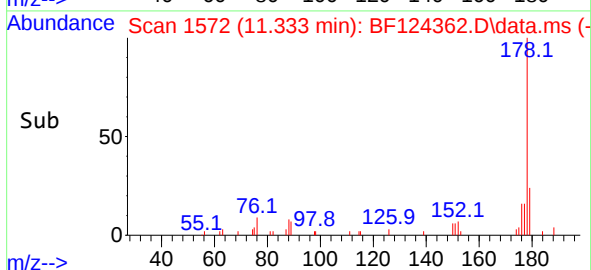
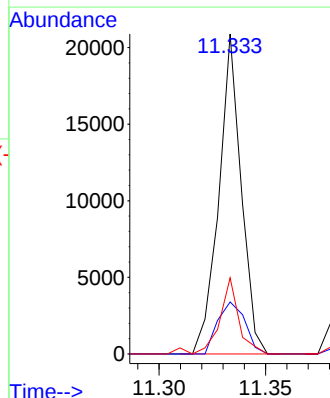
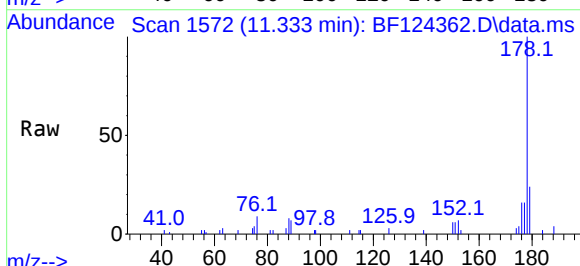
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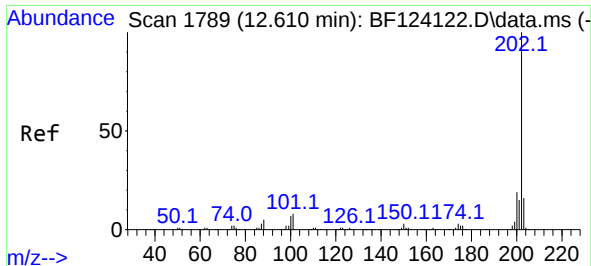
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#71
Phenanthrene
Concen: 2.395 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

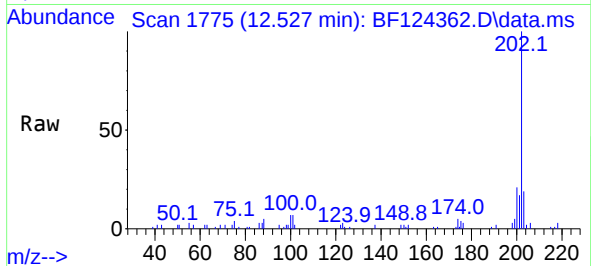
Tgt Ion:178 Resp: 15248
Ion Ratio Lower Upper
178 100
176 16.3 15.6 23.4
179 23.8 12.5 18.7#





#75
Fluoranthene
Concen: 3.973 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

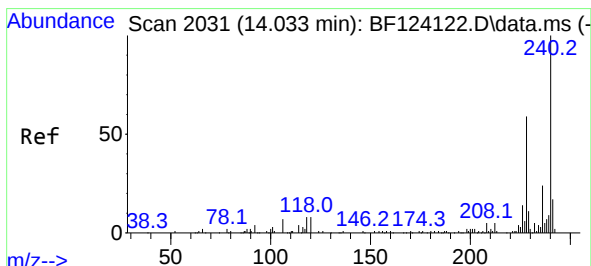
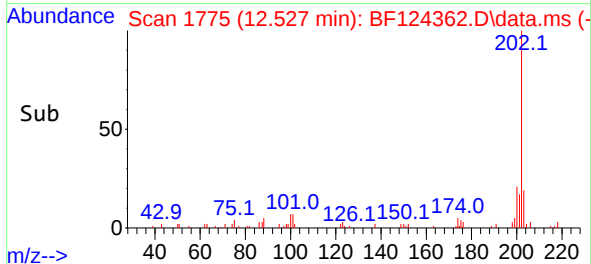
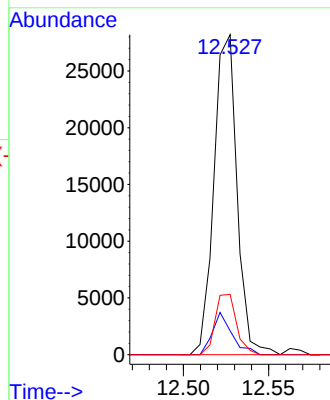
Instrument :
BNA_F
ClientSampled :
CWSP



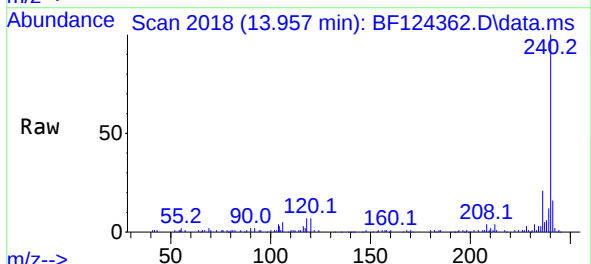
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Ion Ratio Lower Upper
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101 7.5 0.0 30.9
203 18.9 0.0 37.5

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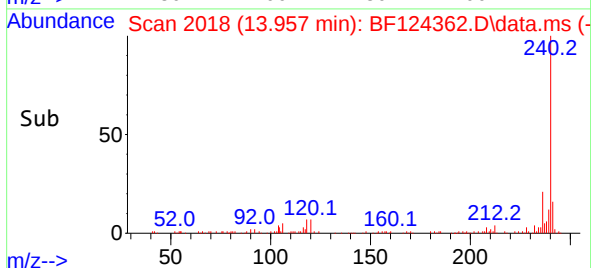
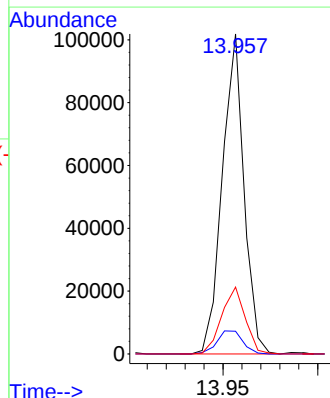
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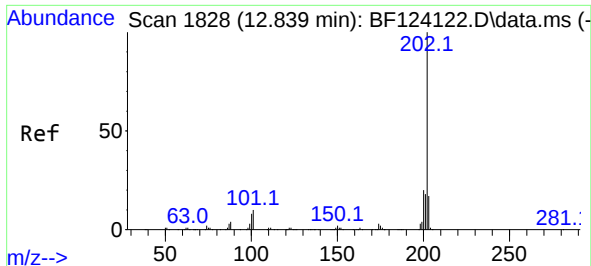


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

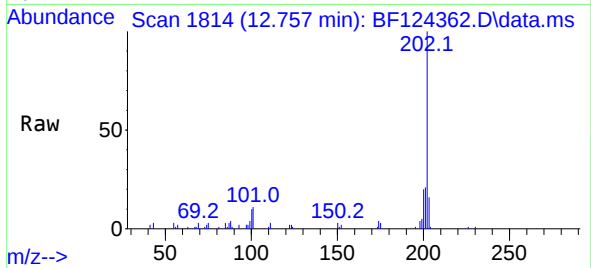


Tgt Ion:240 Resp: 81125
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 20.9 19.0 28.4

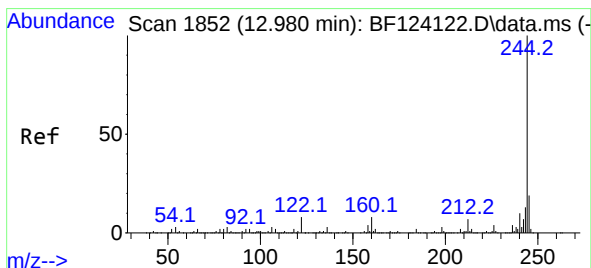
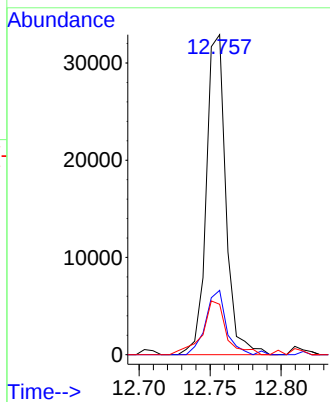
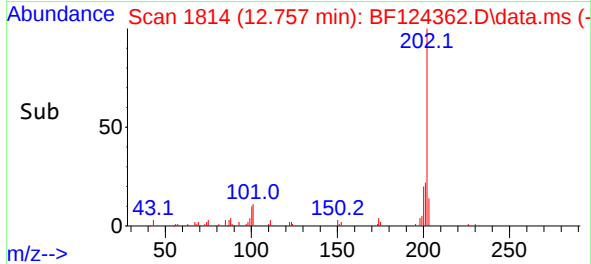




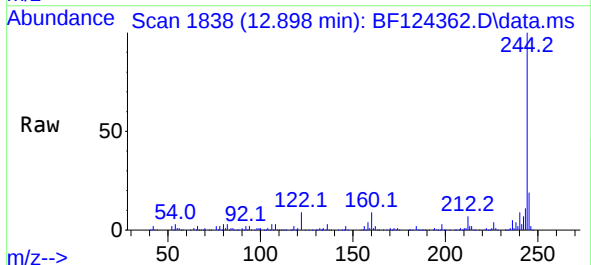
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Pyrene
Concen: 4.055 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



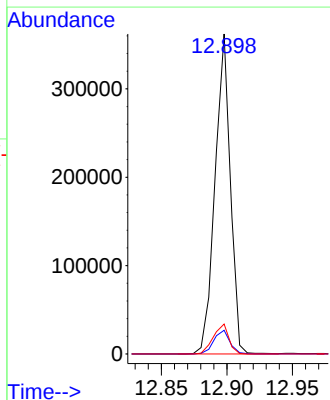
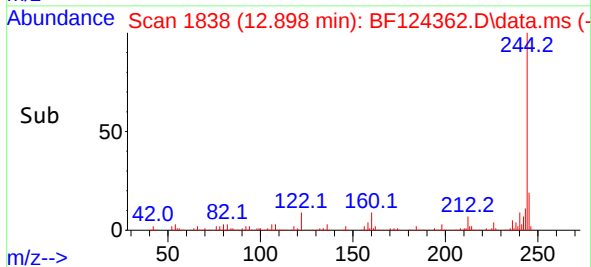
Tgt Ion:202 Resp: 31588
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 15.7 14.8 22.2



#79
Terphenyl-d14
Concen: 49.705 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



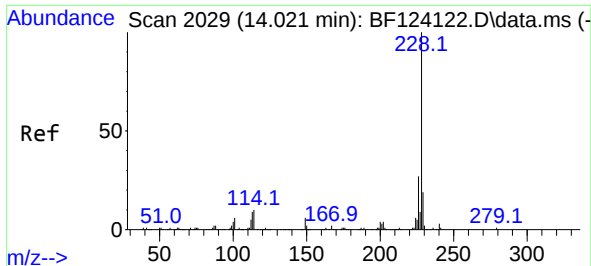
Tgt Ion:244 Resp: 293693
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.4 9.7 14.5#



Instrument :
BNA_F
ClientSampleId :
CWSP

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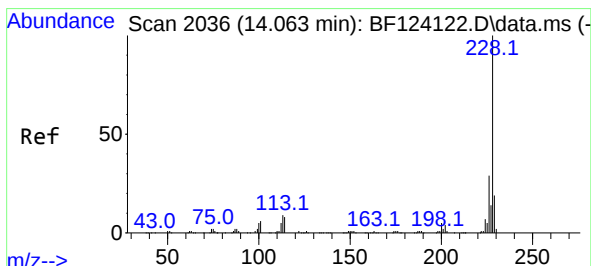
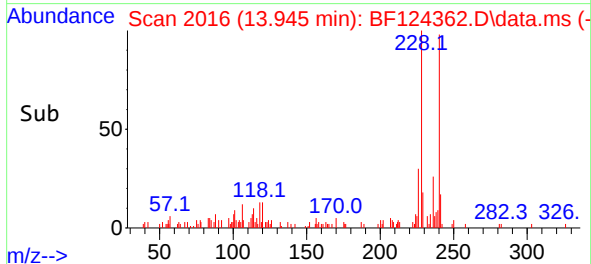
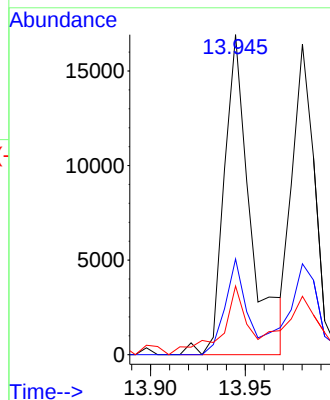
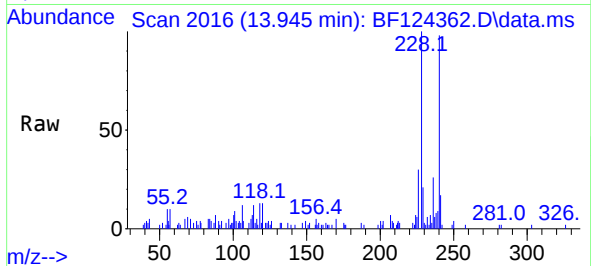
#81
Benzo(a)anthracene
Concen: 2.764 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

Tgt Ion:228 Resp: 16333
Ion Ratio Lower Upper
228 100
226 29.9 22.4 33.6
229 21.5 16.0 24.0

Instrument :
BNA_F
ClientSampled :
CWSP

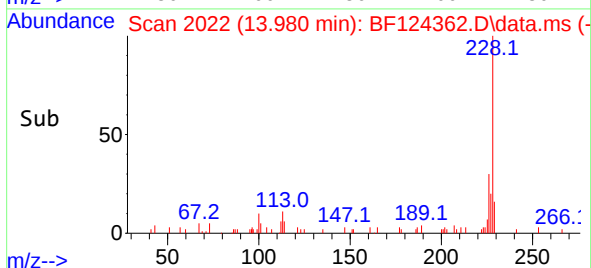
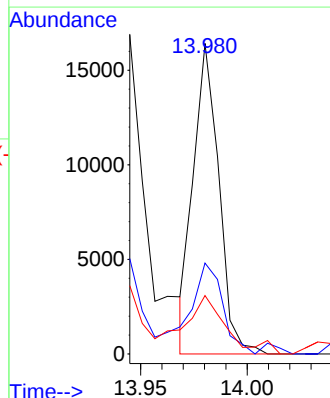
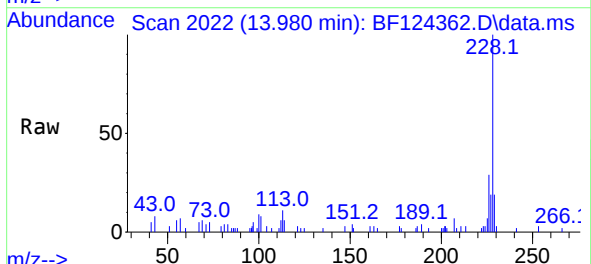
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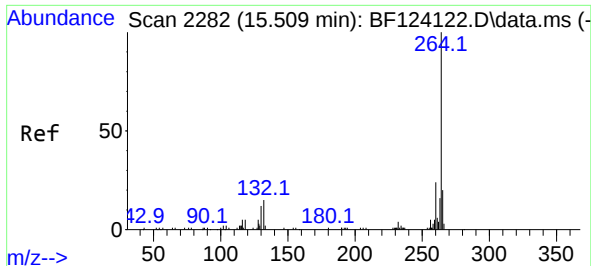
mohammad
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#83
Chrysene
Concen: 2.380 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

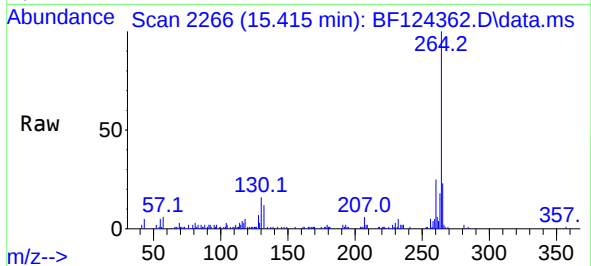
Tgt Ion:228 Resp: 13572
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 18.8 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

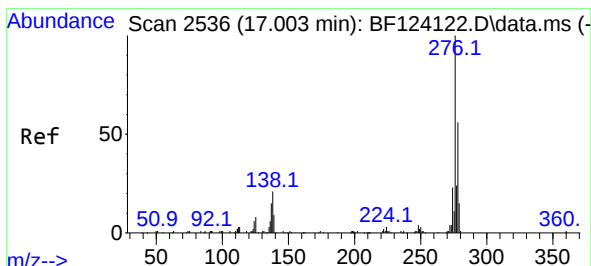
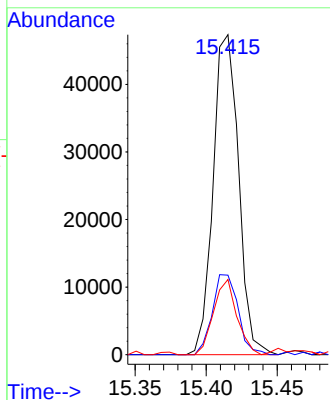
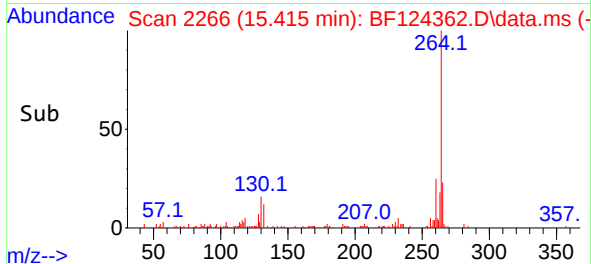
Instrument :
BNA_F
ClientSampled :
CWSP



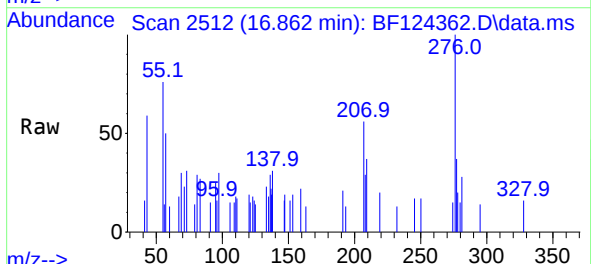
Tgt Ion:264 Resp: 58992
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 23.5 17.8 26.8

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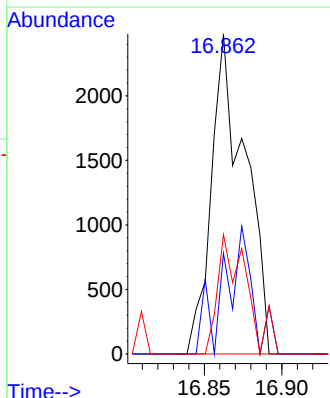
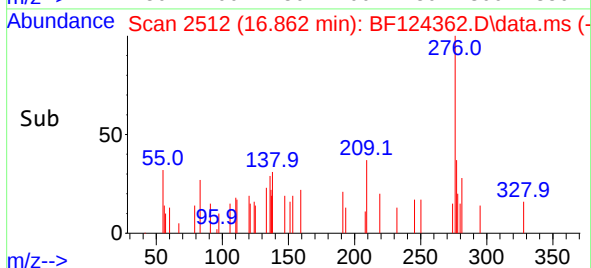
mohammad
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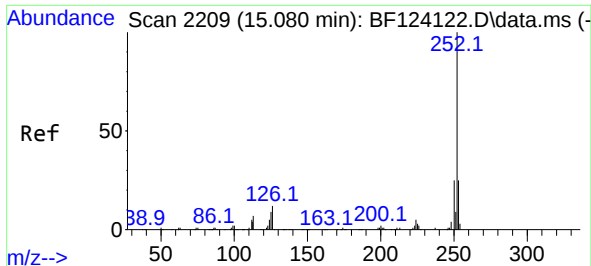


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.028 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



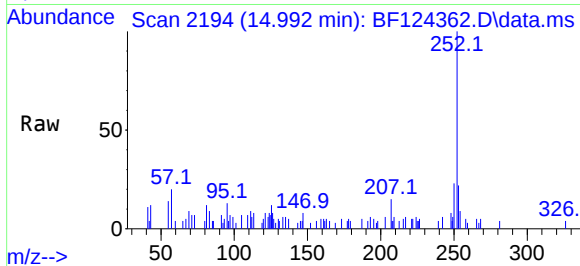
Tgt Ion:276 Resp: 3740
Ion Ratio Lower Upper
276 100
138 34.4 16.2 24.2#
277 32.2 20.1 30.1#





#88
Benzo(b)fluoranthene
Concen: 2.773 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

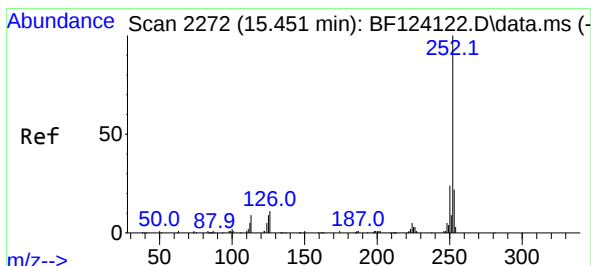
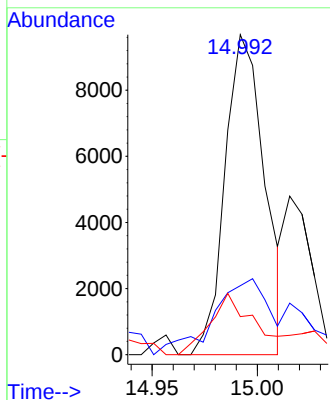
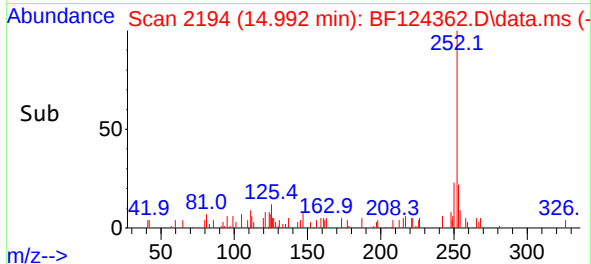
Instrument :
BNA_F
ClientSampled :
CWSP



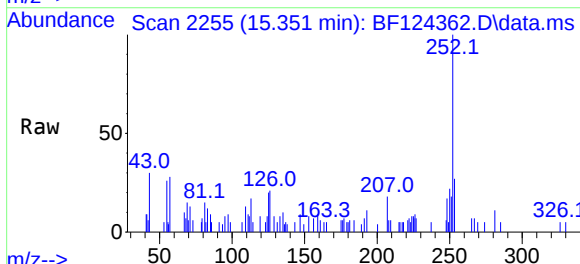
Tgt Ion:252 Resp: 12707
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 11.9 6.2 9.4#

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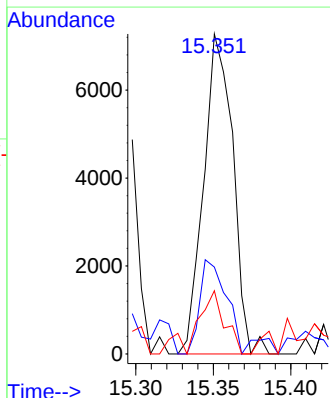
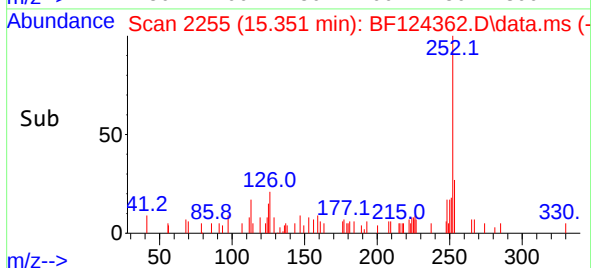
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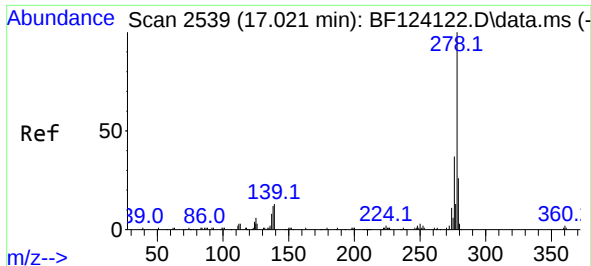


#90
Benzo(a)pyrene
Concen: 2.404 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



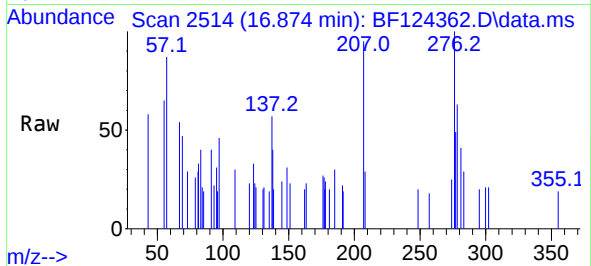
Tgt Ion:252 Resp: 9568
Ion Ratio Lower Upper
252 100
253 27.2 18.4 27.6
125 19.8 8.0 12.0#





#91
Dibenzo(a,h)anthracene
Concen: 4.563 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39

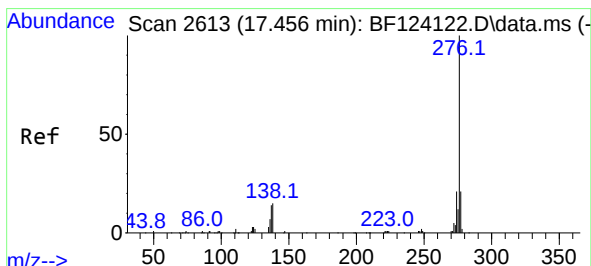
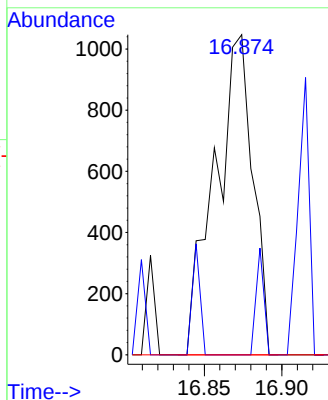
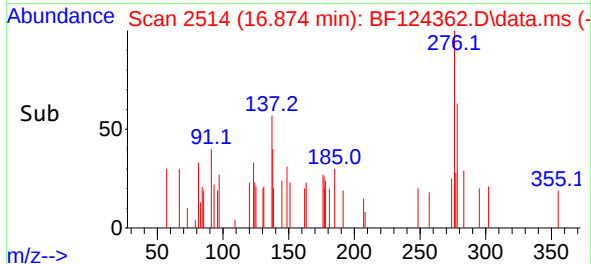
Instrument :
BNA_F
ClientSampled :
CWSP



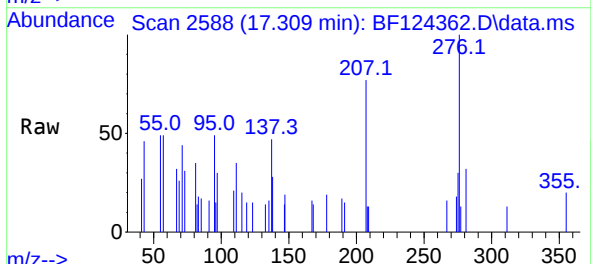
Tgt Ion:278 Resp: 1780
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.822 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF124362.D
Acq: 17 Jun 2021 14:39



Tgt Ion:276 Resp: 4560
Ion Ratio Lower Upper
276 100
277 13.1 18.2 27.2#
138 28.1 13.8 20.6#

