

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124364.D
 Acq On : 17 Jun 2021 15:45
 Operator : JU/CG
 Sample : M2736-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061621

Manual Integrations
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Quant Time: Jun 17 16:08:42 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	32967	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	124693	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	68780	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	96991	20.000	ng	0.00
76) Chrysene-d12	13.957	240	75916	20.000	ng	0.00
86) Perylene-d12	15.415	264	50512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	34324	15.673	ng	0.00
7) Phenol-d6	6.428	99	42372	14.394	ng	-0.02
23) Nitrobenzene-d5	7.345	82	25654	8.160	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	9427	9.674	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	60890	11.140	ng	-0.01
79) Terphenyl-d14	12.892	244	55385	10.016	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	13706	2.262	ng	97
75) Fluoranthene	12.527	202	36342	5.714	ng	97
78) Pyrene	12.757	202	37370	5.126	ng	95
81) Benzo(a)anthracene	13.945	228	18431	3.333	ng	# 96
83) Chrysene	13.986	228	16624m	3.116	ng	
87) Indeno(1,2,3-cd)pyrene	16.874	276	8028	6.072	ng	# 88
88) Benzo(b)fluoranthene	14.998	252	19862m	5.062	ng	
90) Benzo(a)pyrene	15.357	252	14306	4.198	ng	# 88
91) Dibenzo(a,h)anthracene	16.862	278	3038	4.948	ng	# 1
92) Benzo(g,h,i)perylene	17.315	276	8862	6.111	ng	# 90

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

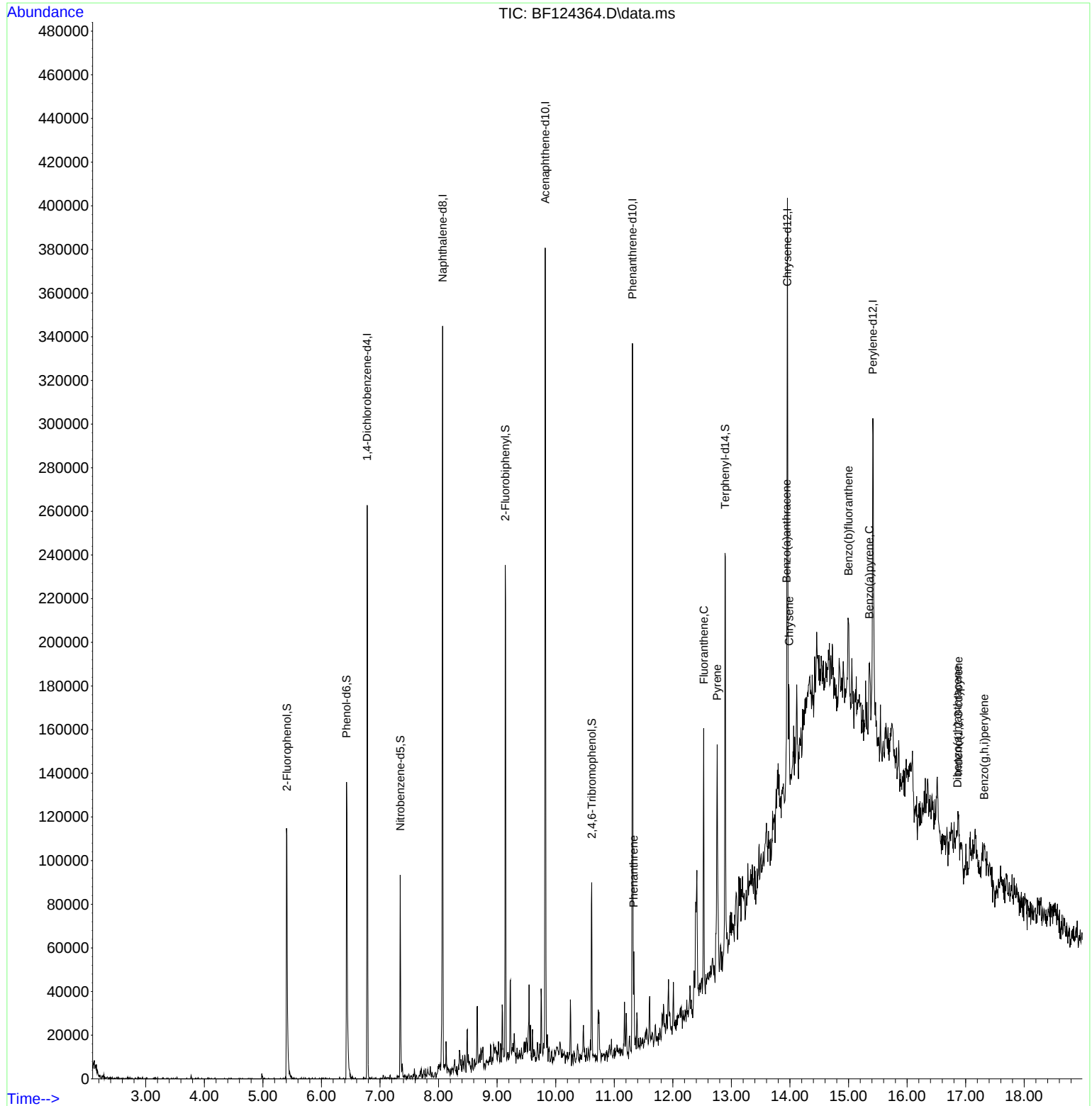
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124364.D
Acq On : 17 Jun 2021 15:45
Operator : JU/CG
Sample : M2736-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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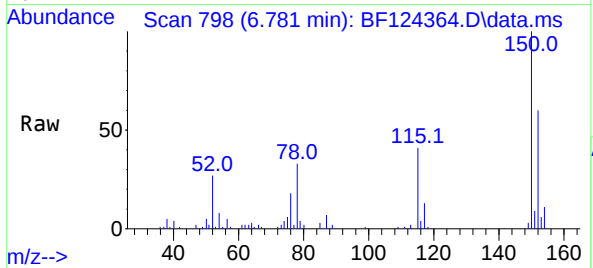
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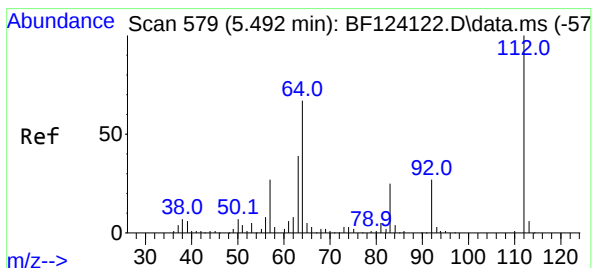
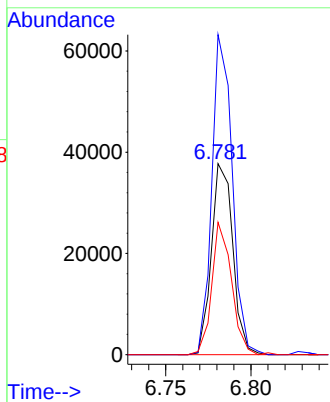
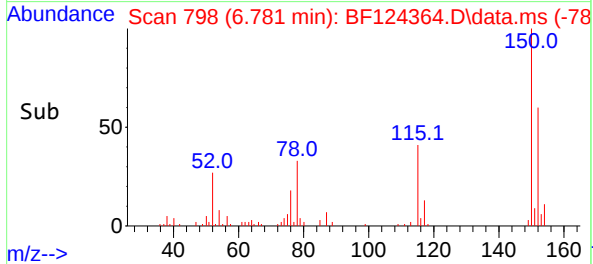




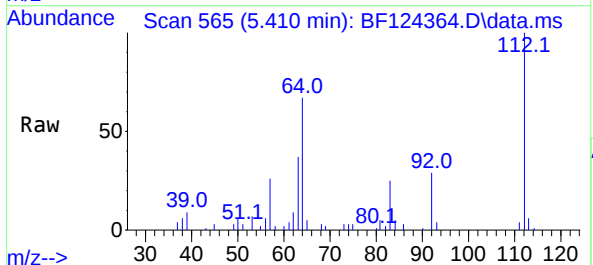
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



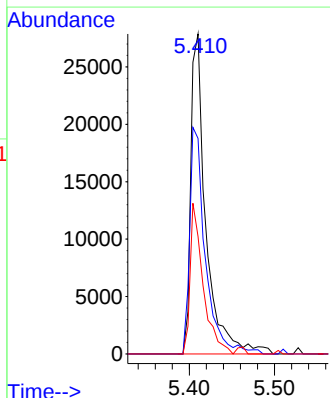
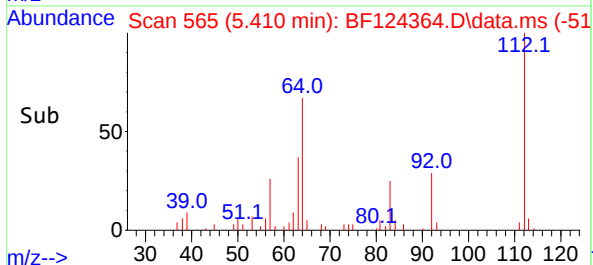
Tgt Ion:152 Resp: 32967
Ion Ratio Lower Upper
152 100
150 167.5 127.0 190.6
115 69.3 54.3 81.5



#5
2-Fluorophenol
Concen: 15.673 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



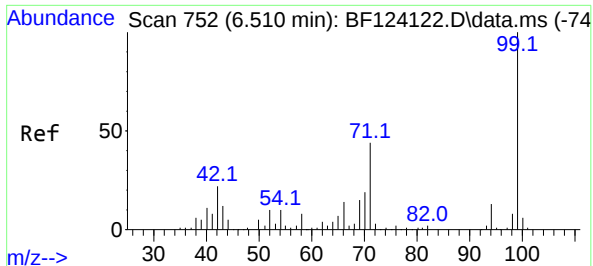
Tgt Ion:112 Resp: 34324
Ion Ratio Lower Upper
112 100
64 67.4 61.4 92.0
63 36.7 33.0 49.4



Instrument :
BNA_F
ClientSampled :
PL-01-061621

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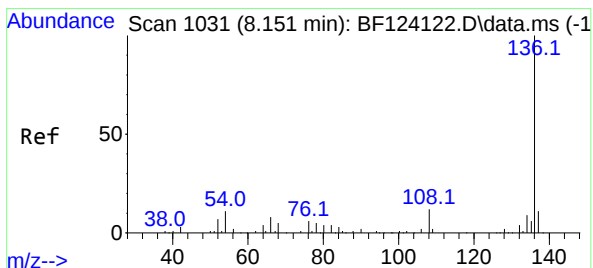
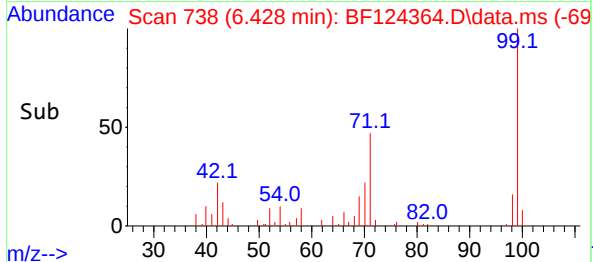
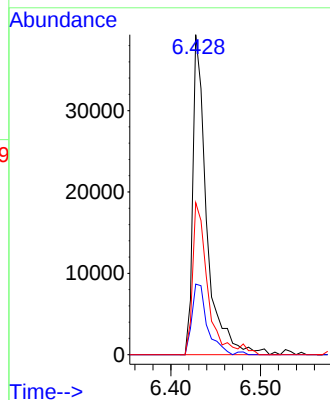
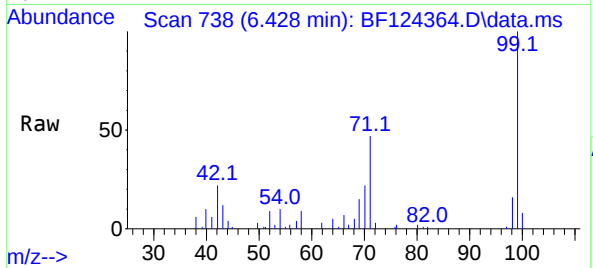
#7
Phenol-d6
Concen: 14.394 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

Tgt Ion: 99 Resp: 42372
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.8
71 47.5 31.1 46.7#

Instrument :
BNA_F
ClientSampled :
PL-01-061621

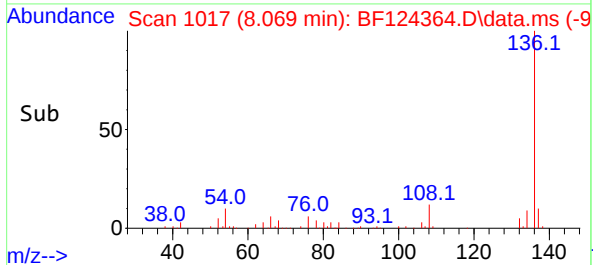
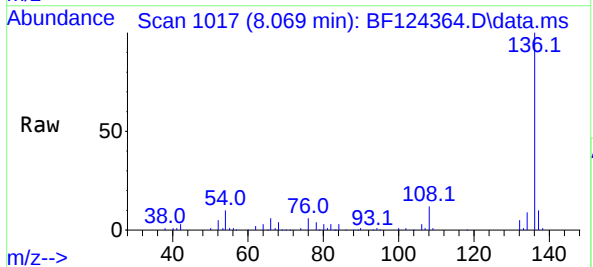
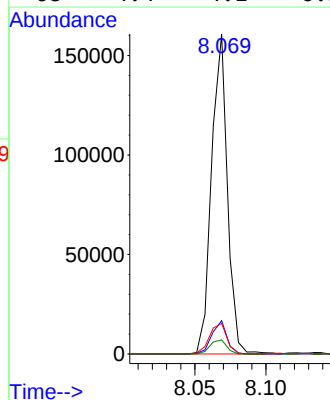
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

Tgt Ion: 136 Resp: 124693
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 9.5 9.8 14.6#
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 8.160 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124364.D

Acq: 17 Jun 2021 15:45

Tgt Ion:	82	Resp:	25654
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	57.1	54.1	81.1

Instrument :

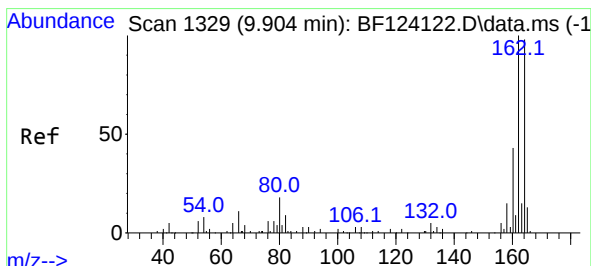
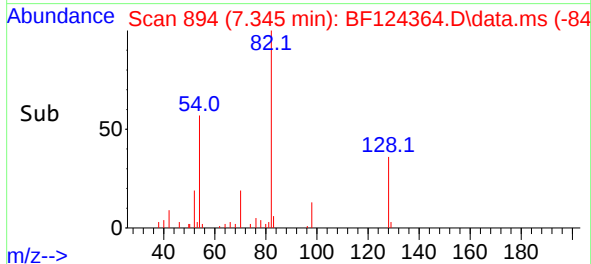
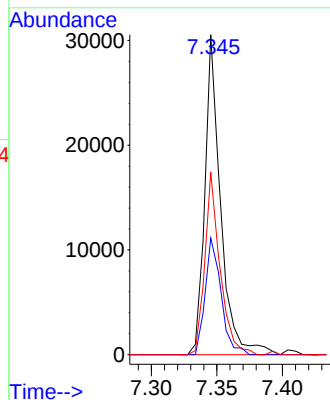
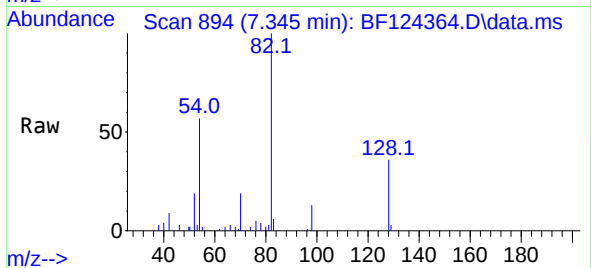
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

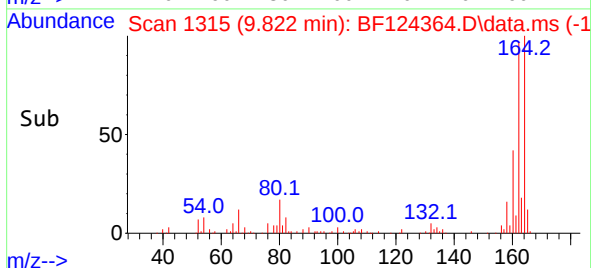
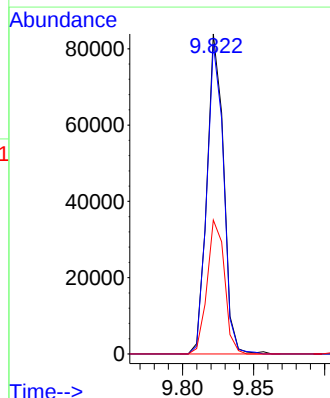
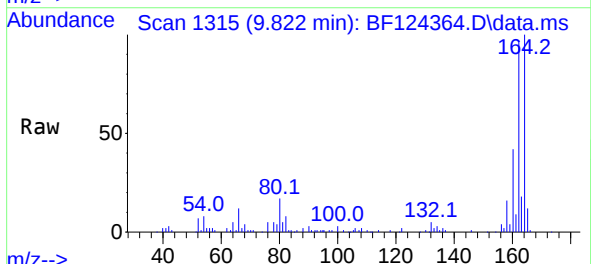
RT: 9.822 min Scan# 1315

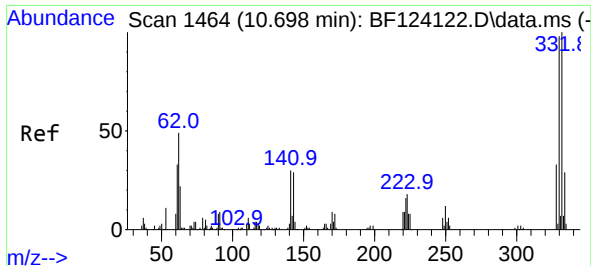
Delta R.T. -0.006 min

Lab File: BF124364.D

Acq: 17 Jun 2021 15:45

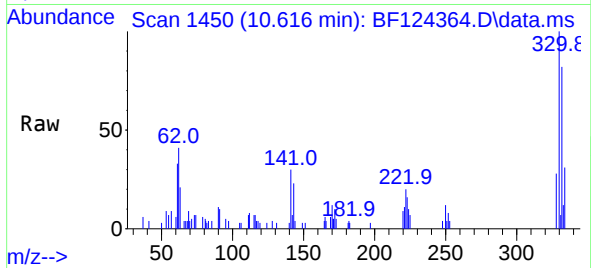
Tgt Ion:	164	Resp:	68780
Ion	Ratio	Lower	Upper
164	100		
162	96.9	80.7	121.1
160	41.9	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 9.674 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

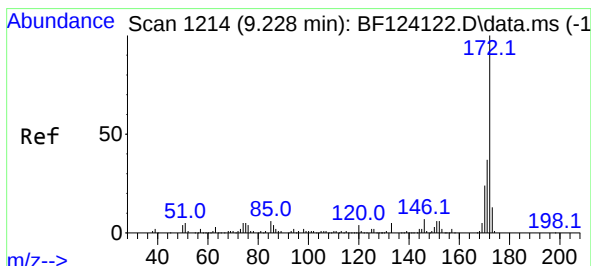
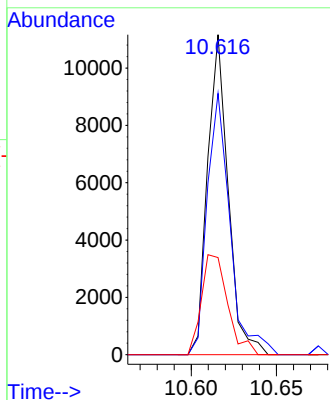
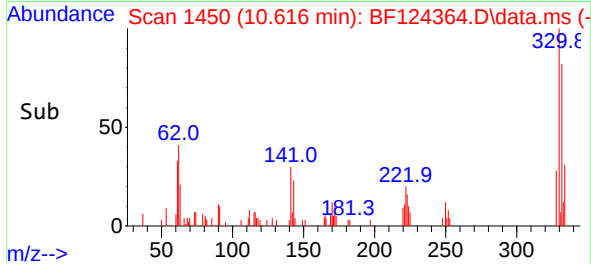
Instrument :
BNA_F
ClientSampled :
PL-01-061621



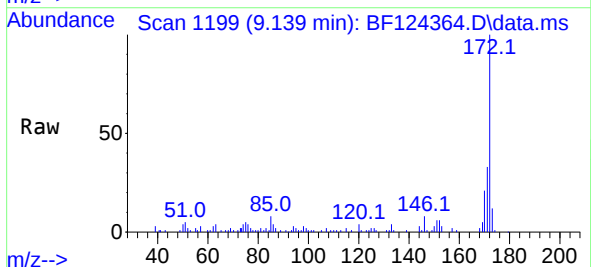
Tgt Ion: 330 Resp: 9427
Ion Ratio Lower Upper
330 100
332 90.3 77.1 115.7
141 39.7 27.9 41.9

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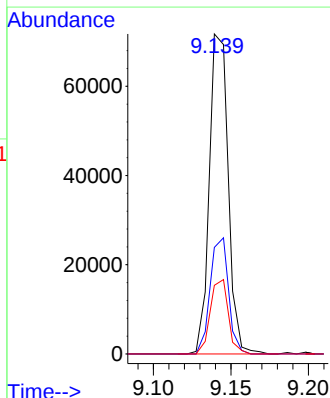
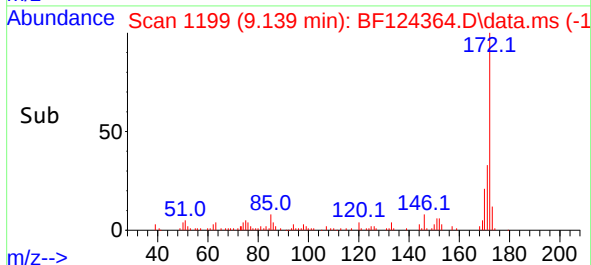
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#45
2-Fluorobiphenyl
Concen: 11.140 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



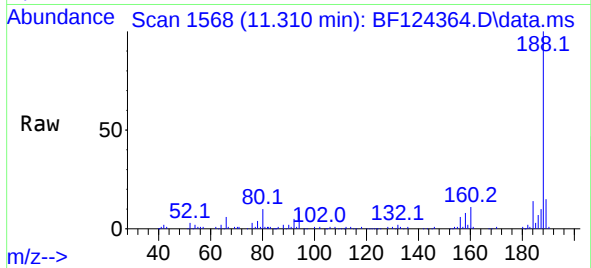
Tgt Ion: 172 Resp: 60890
Ion Ratio Lower Upper
172 100
171 33.3 28.1 42.1
170 21.4 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

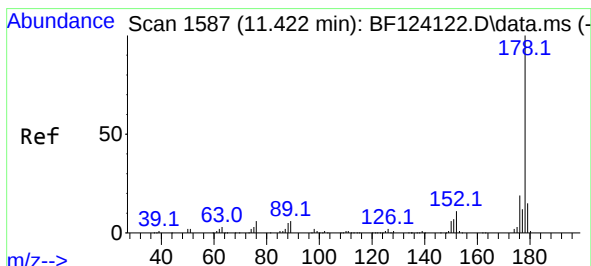
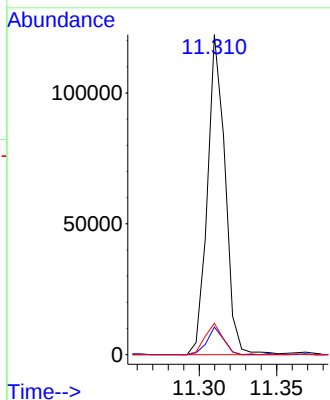
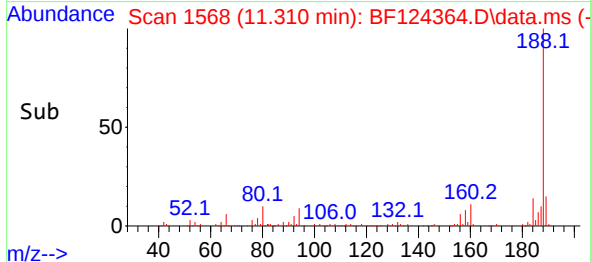
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ClientSampleId :
PL-01-061621



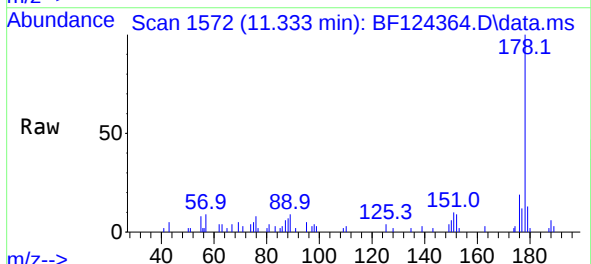
Tgt Ion:188 Resp: 96991
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.8 8.2 12.2

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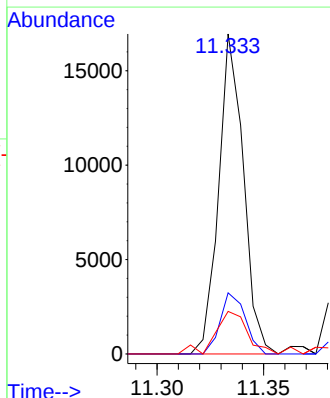
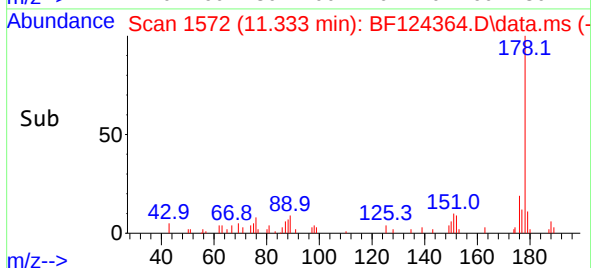
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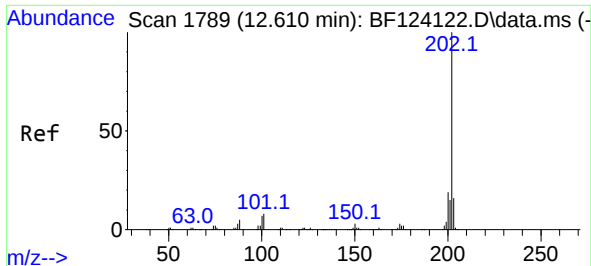


#71
Phenanthrene
Concen: 2.262 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

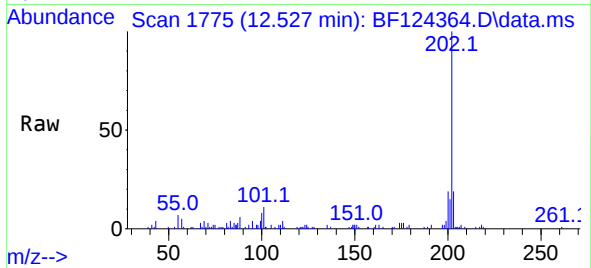


Tgt Ion:178 Resp: 13706
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 13.3 12.5 18.7

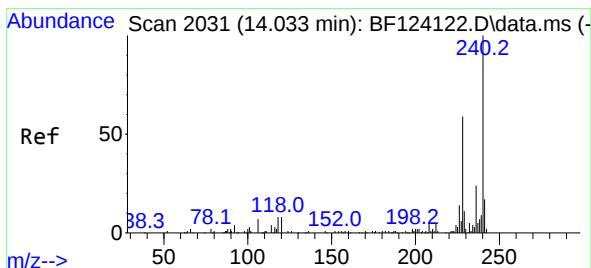
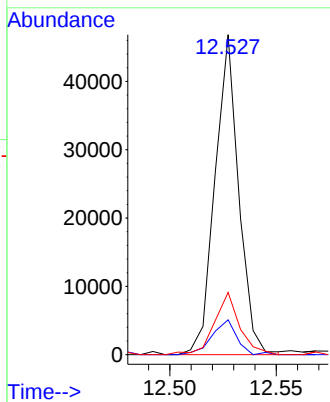
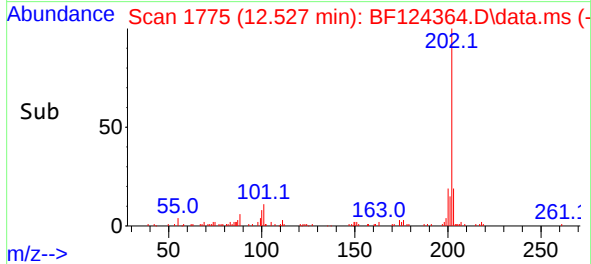




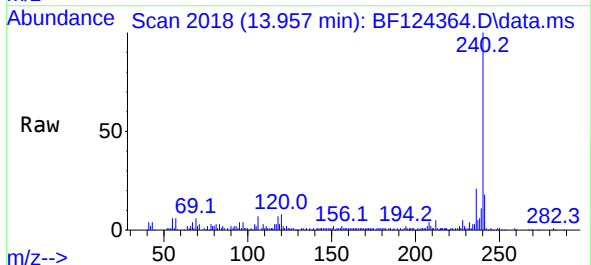
#75
Fluoranthene
Concen: 5.714 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



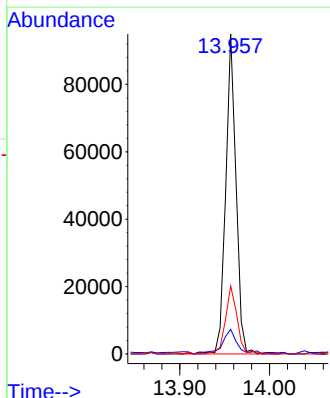
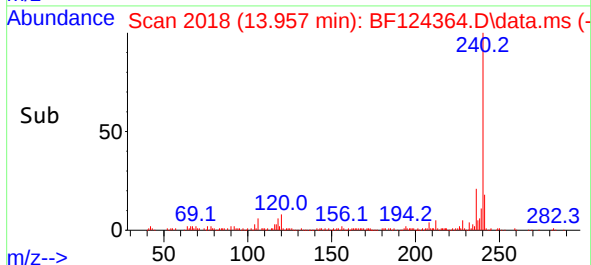
Tgt Ion:202 Resp: 36342
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 19.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



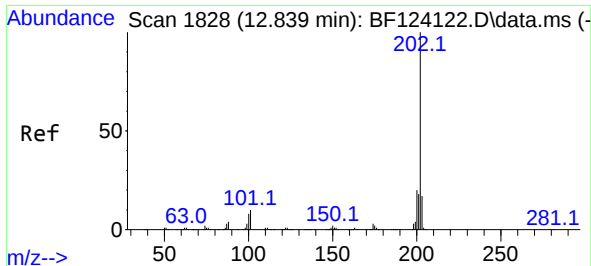
Tgt Ion:240 Resp: 75916
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 21.2 19.0 28.4



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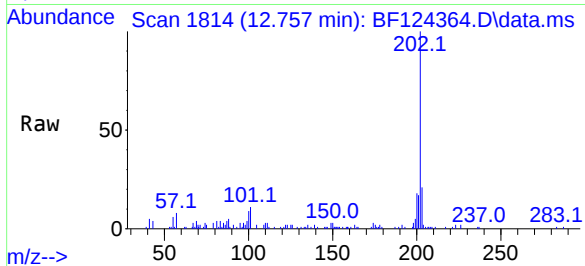
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#78
 Pyrene
 Concen: 5.126 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF124364.D
 Acq: 17 Jun 2021 15:45

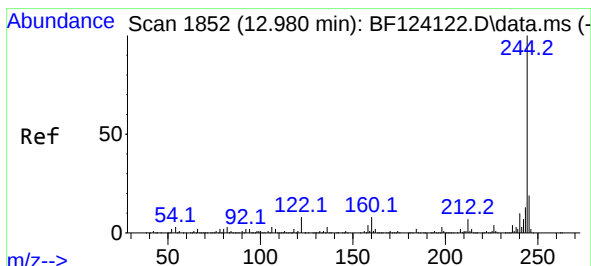
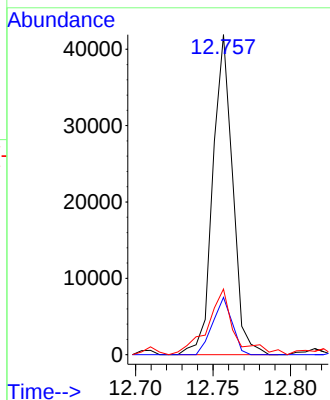
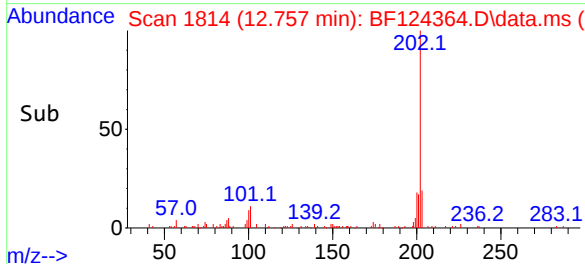
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061621



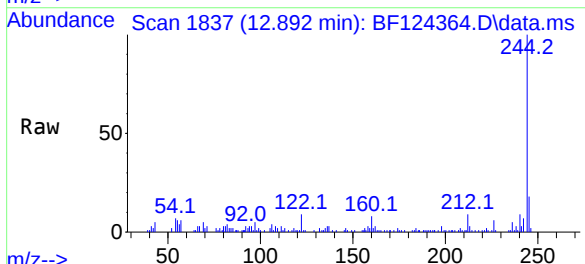
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 Ion Ratio Lower Upper
 202 100
 200 17.9 16.1 24.1
 203 20.5 14.8 22.2

Manual Integrations
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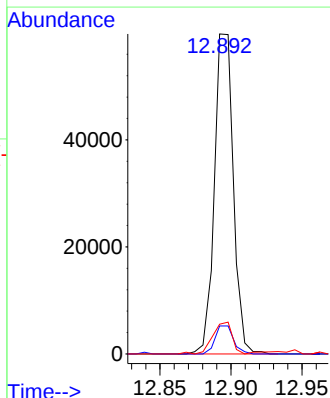
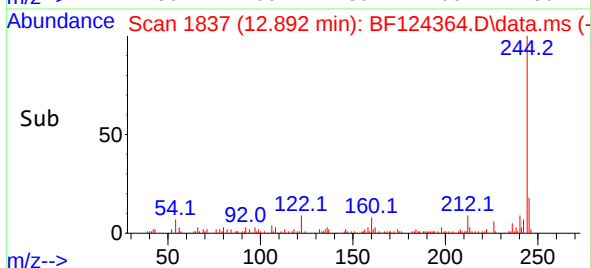
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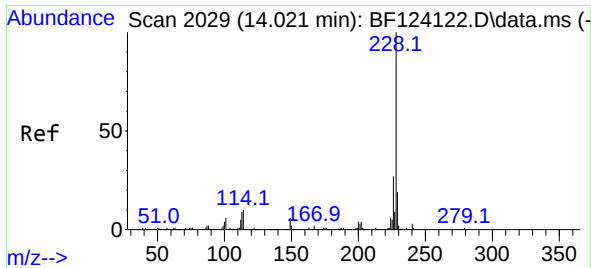


#79
 Terphenyl-d14
 Concen: 10.016 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF124364.D
 Acq: 17 Jun 2021 15:45



Tgt Ion:244 Resp: 55385
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.7 8.5#
 122 9.3 9.7 14.5#





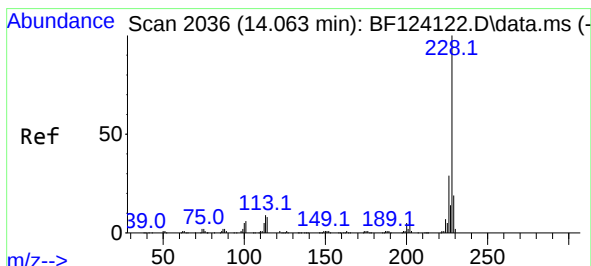
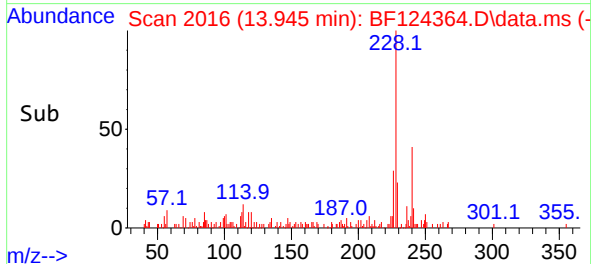
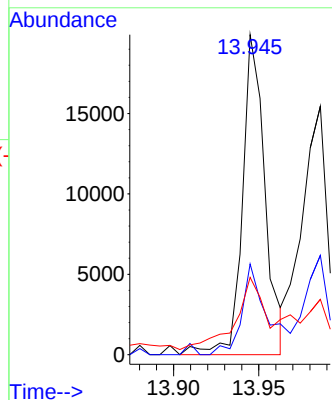
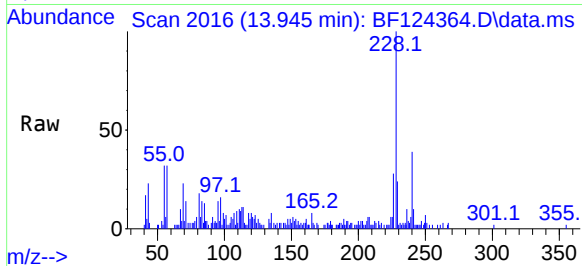
#81
Benzo(a)anthracene
Concen: 3.333 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

Tgt Ion:228 Resp: 18431
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 24.1 16.0 24.0#

Instrument :
BNA_F
ClientSampled :
PL-01-061621

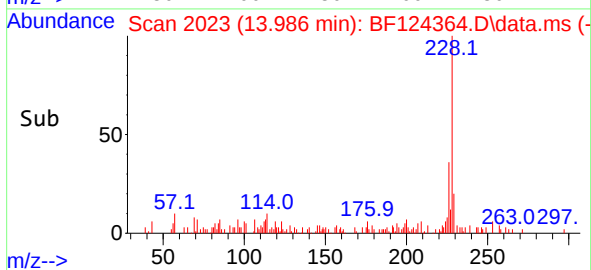
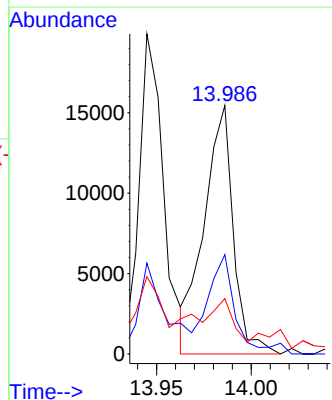
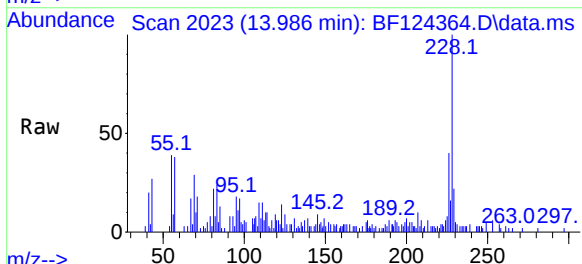
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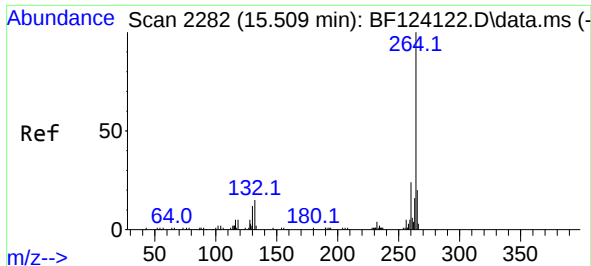
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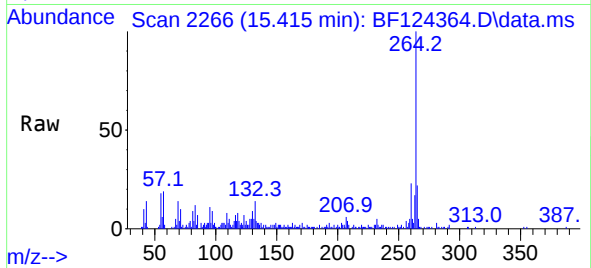
#83
Chrysene
Concen: 3.116 ng m
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

Tgt Ion:228 Resp: 16624
Ion Ratio Lower Upper
228 100
226 40.0 24.3 36.5#
229 22.3 16.2 24.2



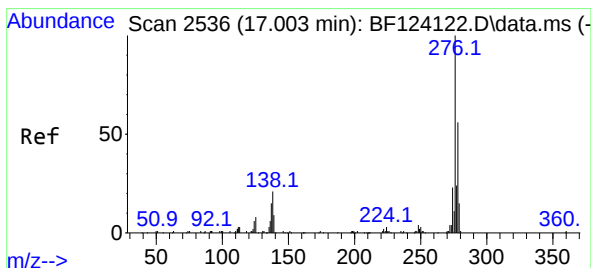
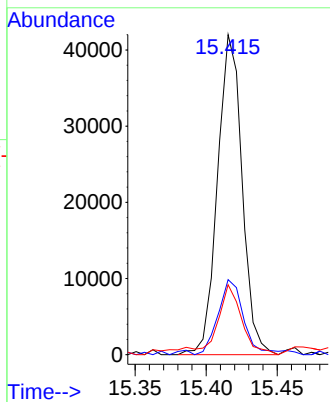
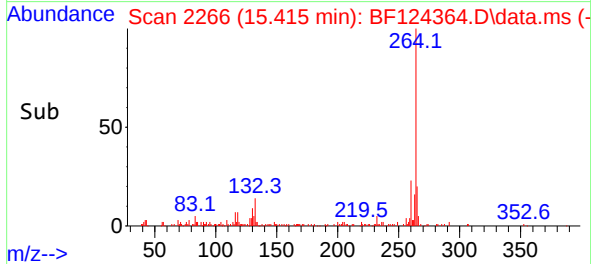


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

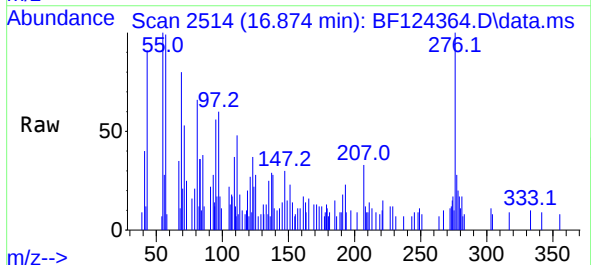


Tgt Ion: 264 Resp: 50512

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.8	26.8

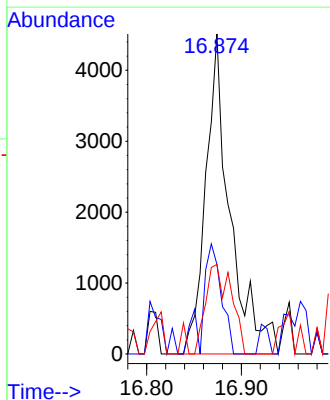
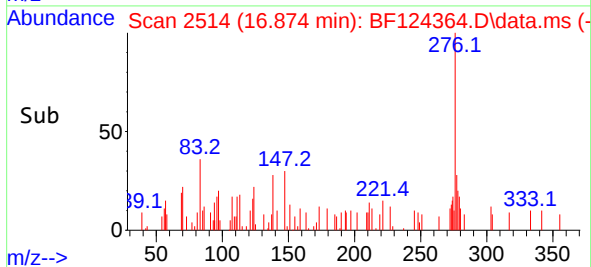


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.072 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



Tgt Ion: 276 Resp: 8028

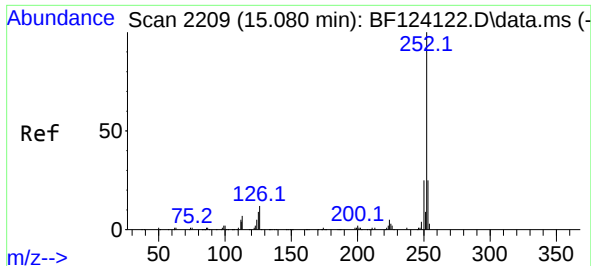
Ion	Ratio	Lower	Upper
276	100		
138	27.5	16.2	24.2
277	29.6	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PL-01-061621

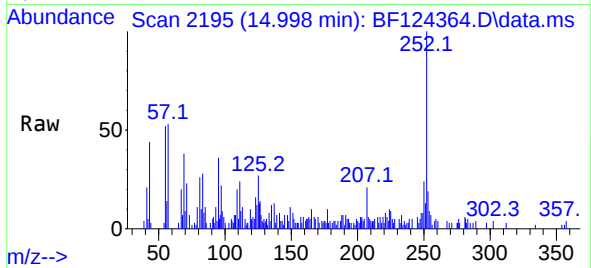
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#88
Benzo(b)fluoranthene
Concen: 5.062 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

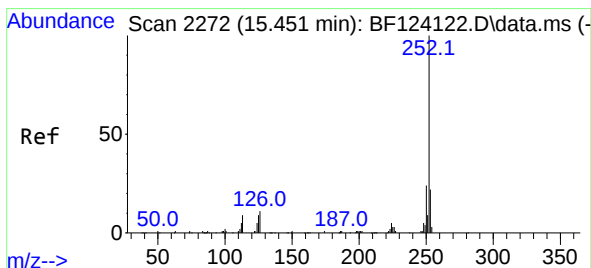
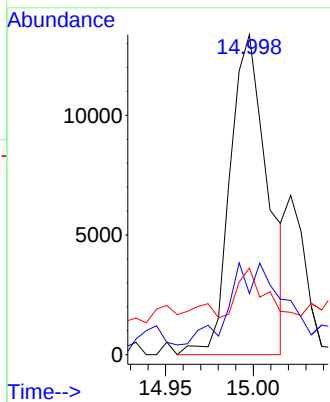
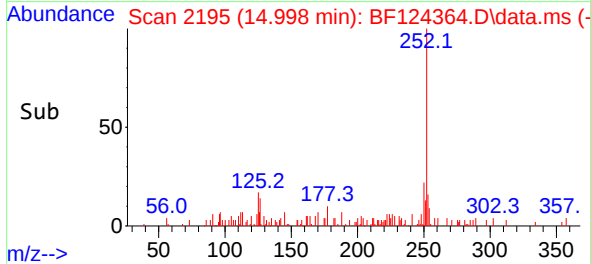
Instrument :
BNA_F
ClientSampleId :
PL-01-061621



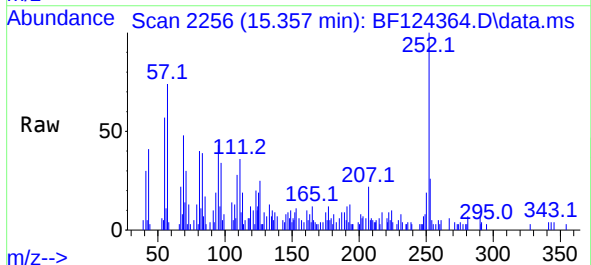
Tgt Ion:252 Resp: 19862
Ion Ratio Lower Upper
252 100
253 19.1 18.1 27.1
125 27.1 6.2 9.4#

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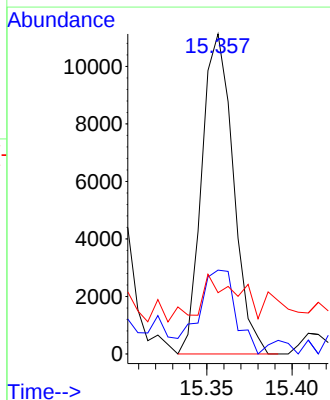
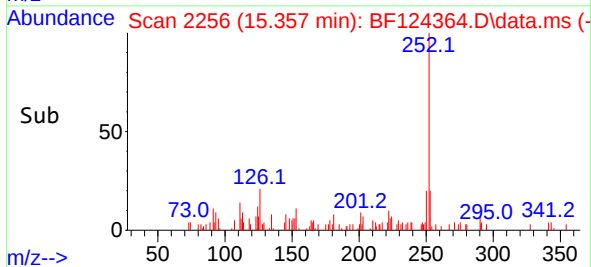
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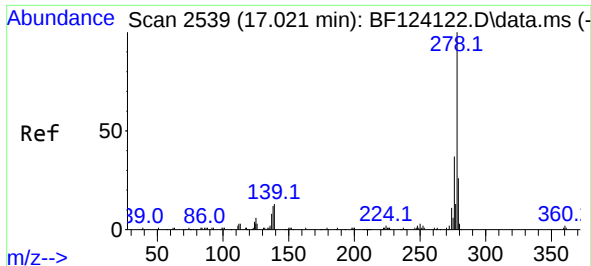


#90
Benzo(a)pyrene
Concen: 4.198 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



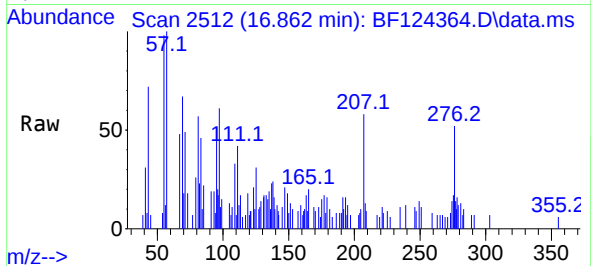
Tgt Ion:252 Resp: 14306
Ion Ratio Lower Upper
252 100
253 26.2 18.4 27.6
125 19.1 8.0 12.0#





#91
Dibenzo(a,h)anthracene
Concen: 4.948 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45

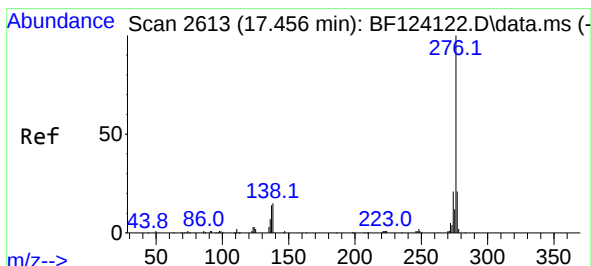
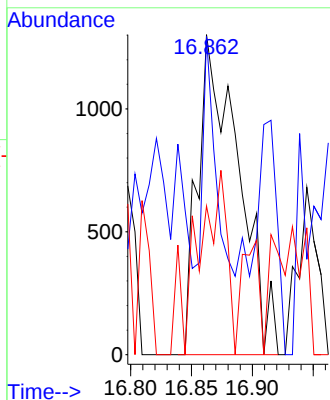
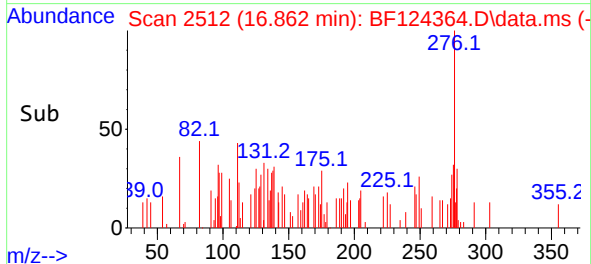
Instrument :
BNA_F
ClientSampled :
PL-01-061621



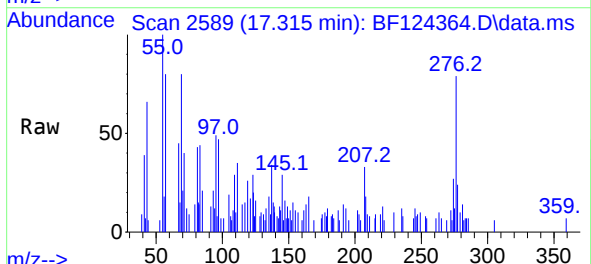
Tgt Ion:278 Resp: 3038
Ion Ratio Lower Upper
278 100
139 99.4 10.2 15.2#
279 46.5 19.4 29.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.111 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF124364.D
Acq: 17 Jun 2021 15:45



Tgt Ion:276 Resp: 8862
Ion Ratio Lower Upper
276 100
277 30.3 18.2 27.2#
138 18.6 13.8 20.6

