

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124215.D
 Acq On : 9 Jun 2021 18:41
 Operator : JU/CG
 Sample : M2599-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 339DL

Manual Integrations
 APPROVED

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Quant Time: Jun 10 01:54:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	36706	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	133270	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	71530	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	106000	20.000	ng	0.00
76) Chrysene-d12	14.021	240	90572	20.000	ng	0.00
86) Perylene-d12	15.498	264	60976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	82723	33.925	ng	0.00
7) Phenol-d6	6.487	99	113987	34.778	ng	-0.01
23) Nitrobenzene-d5	7.410	82	89032	26.496	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	33315	32.874	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	166882	29.358	ng	0.00
79) Terphenyl-d14	12.957	244	130853	19.836	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.745	152	22918	3.208	ng	96
71) Phenanthrene	11.398	178	129578	19.569	ng	99
72) Anthracene	11.451	178	38992	5.847	ng	99
75) Fluoranthene	12.592	202	298781	42.987	ng	97
78) Pyrene	12.821	202	325129	37.383	ng	97
81) Benzo(a)anthracene	14.010	228	194389m	29.461	ng	
83) Chrysene	14.045	228	162719	25.561	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	12875	3.068	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	54324	14.073	ng	99
88) Benzo(b)fluoranthene	15.068	252	176591m	37.282	ng	
89) Benzo(k)fluoranthene	15.092	252	46642m	10.402	ng	
90) Benzo(a)pyrene	15.439	252	115002	27.953	ng	97
91) Dibenzo(a,h)anthracene	16.986	278	14782m	7.291	ng	
92) Benzo(g,h,i)perylene	17.427	276	51776	14.960	ng	96

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

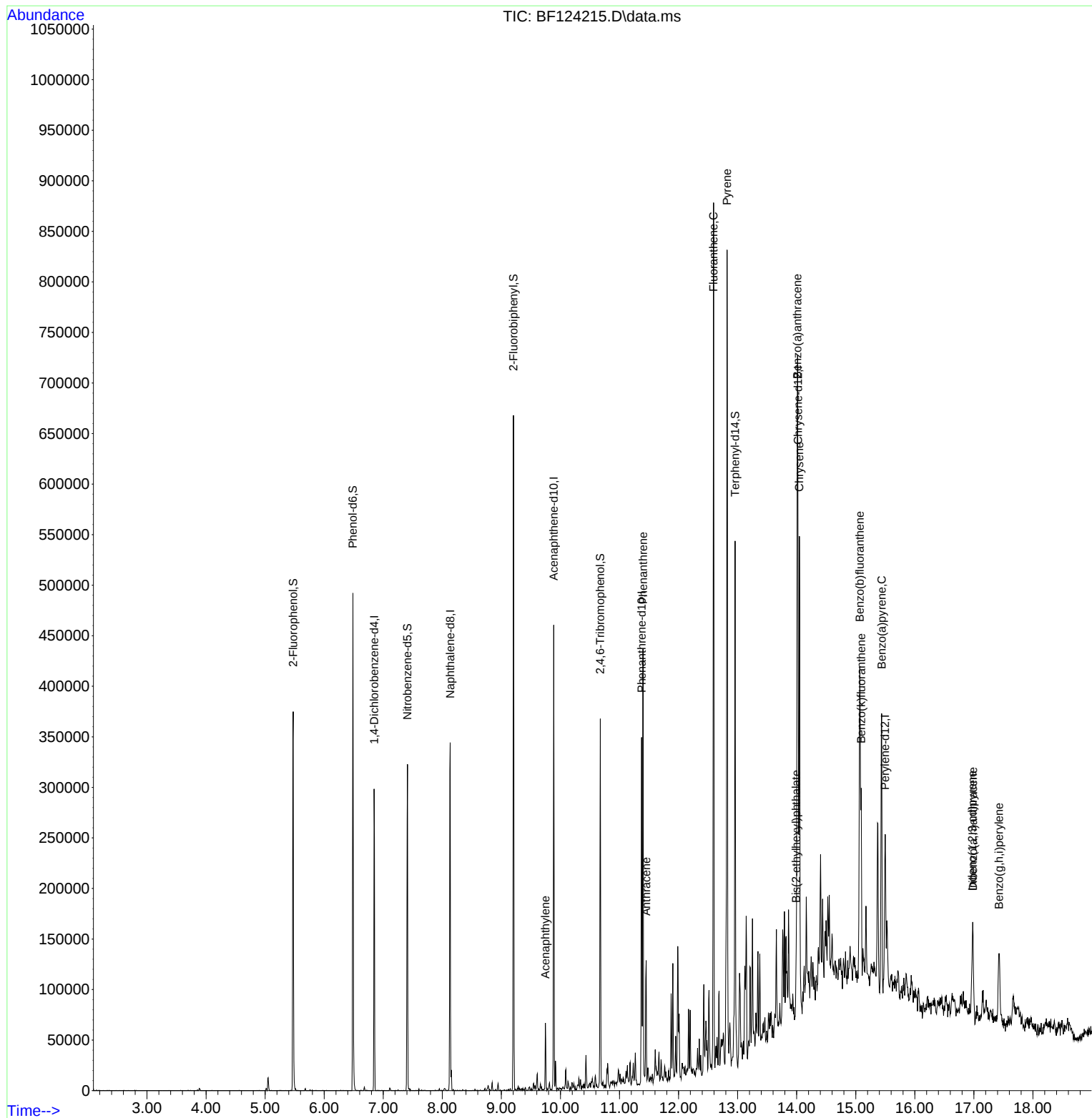
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124215.D
Acq On : 9 Jun 2021 18:41
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ALS Vial : 12 Sample Multiplier: 1

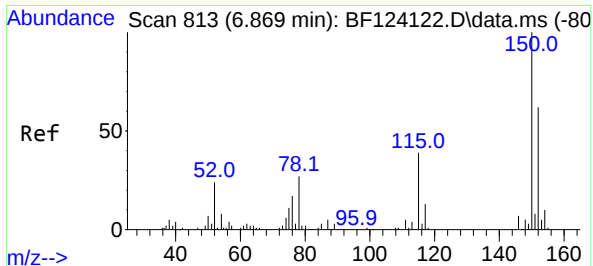
Instrument :
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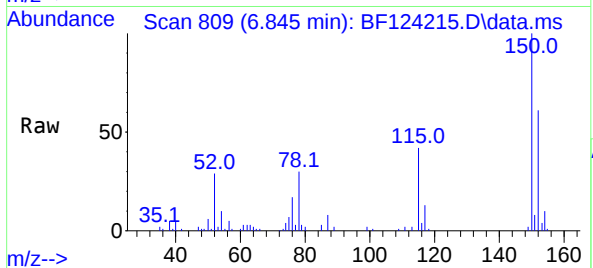
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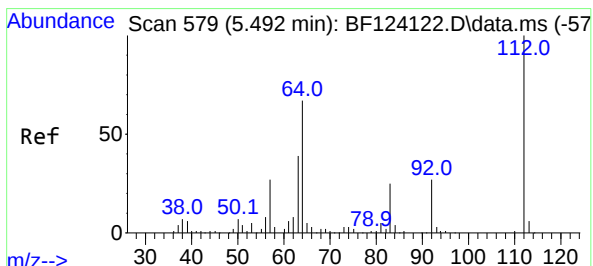
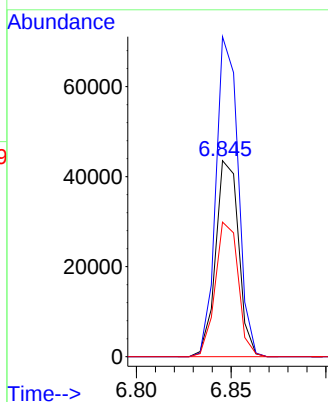
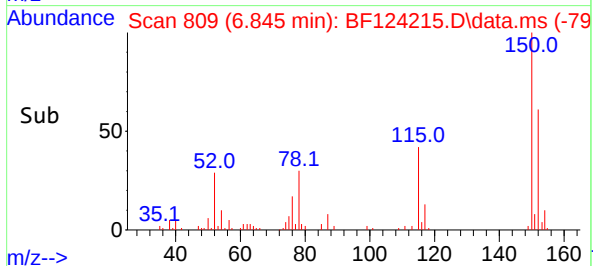




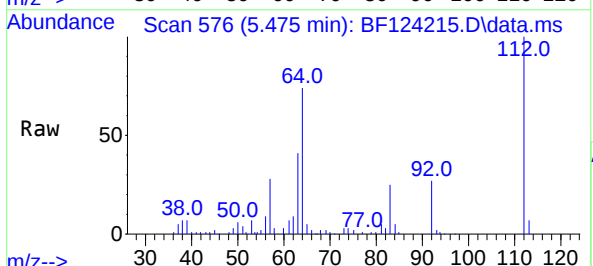
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



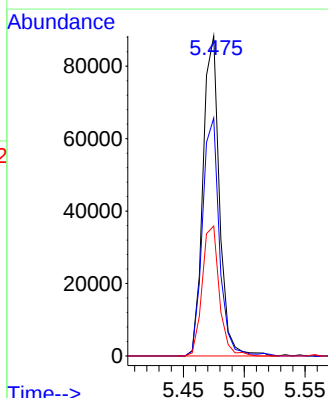
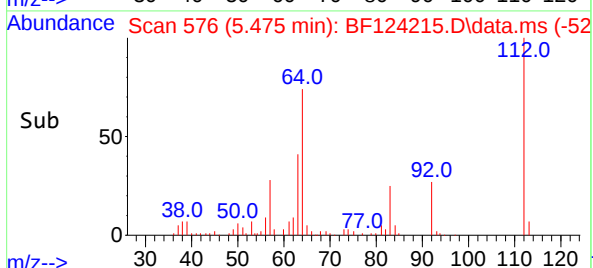
Tgt Ion:152 Resp: 36706
Ion Ratio Lower Upper
152 100
150 163.3 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 33.925 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



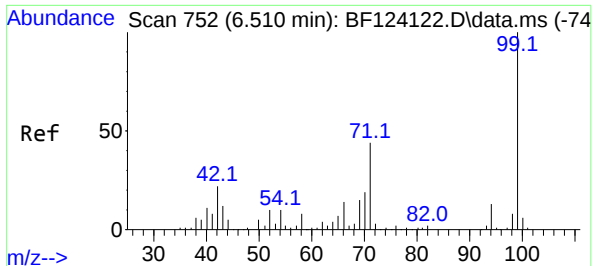
Tgt Ion:112 Resp: 82723
Ion Ratio Lower Upper
112 100
64 74.4 61.4 92.0
63 40.6 33.0 49.4



Instrument :
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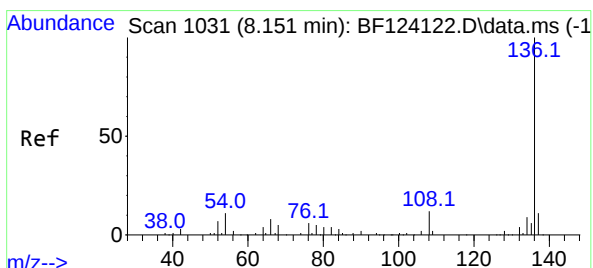
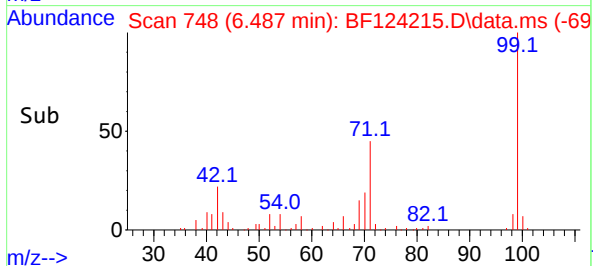
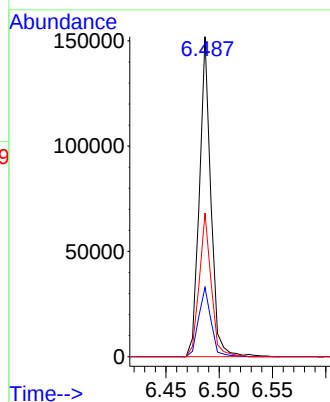
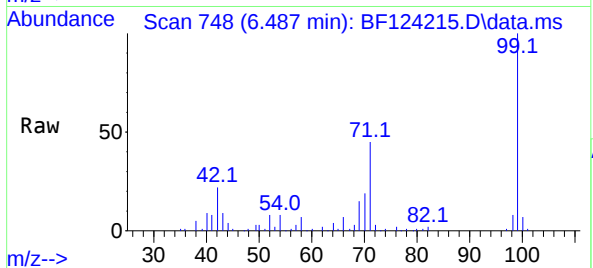
#7
Phenol-d6
Concen: 34.778 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

Tgt Ion: 99 Resp: 113987
Ion Ratio Lower Upper
99 100
42 21.6 19.8 29.8
71 44.9 31.1 46.7

Instrument :
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ClientSampleId :
339DL

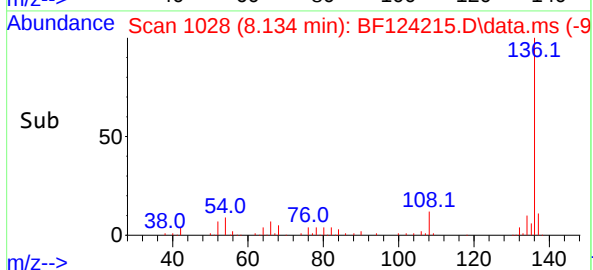
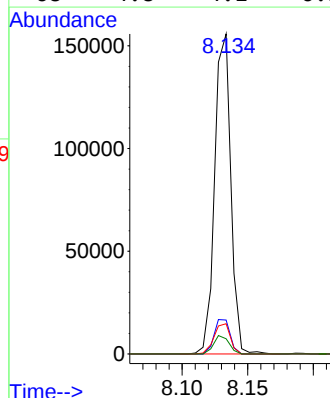
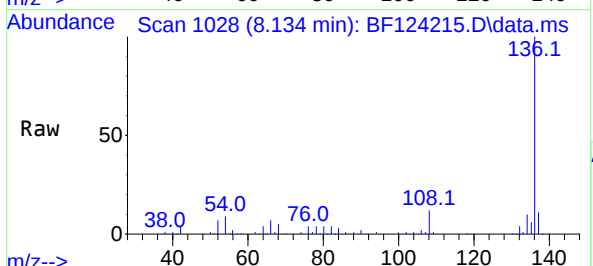
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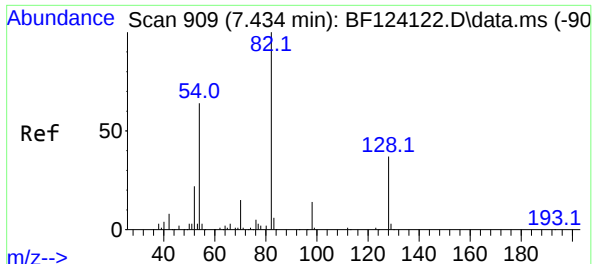
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

Tgt Ion: 136 Resp: 133270
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.5 9.8 14.6#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

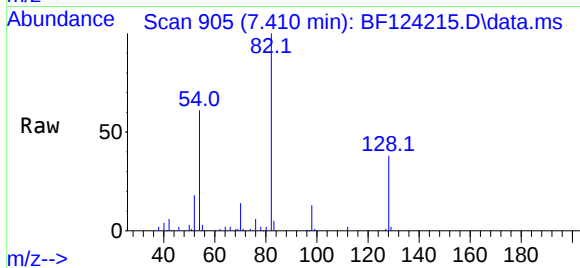
Concen: 26.496 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

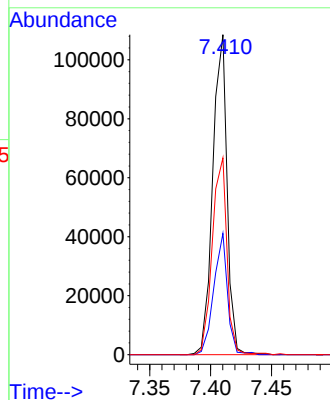
Lab File: BF124215.D

Acq: 9 Jun 2021 18:41



Tgt Ion: 82 Resp: 89032

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	61.5	54.1	81.1



Instrument :

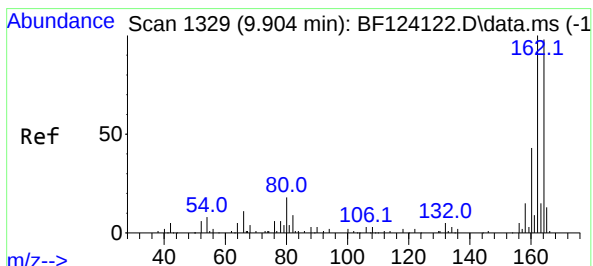
BNA_F

ClientSampleId :

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Manual Integrations
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#39

Acenaphthene-d10

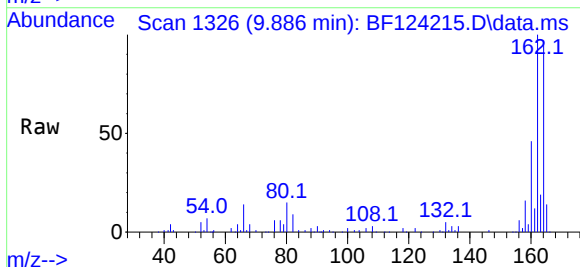
Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

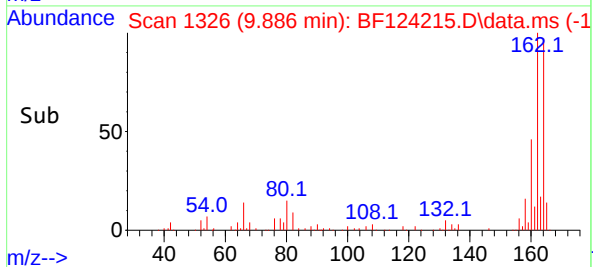
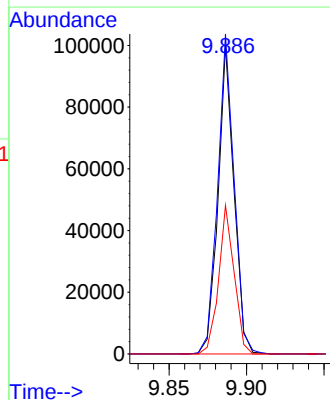
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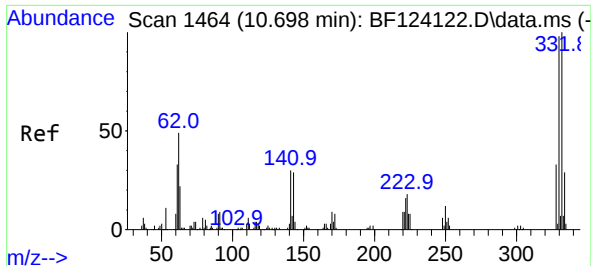
Acq: 9 Jun 2021 18:41



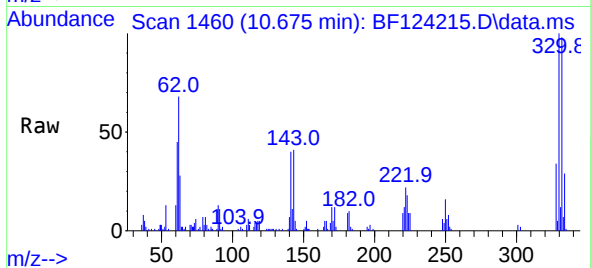
Tgt Ion: 164 Resp: 71530

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	48.1	37.3	55.9

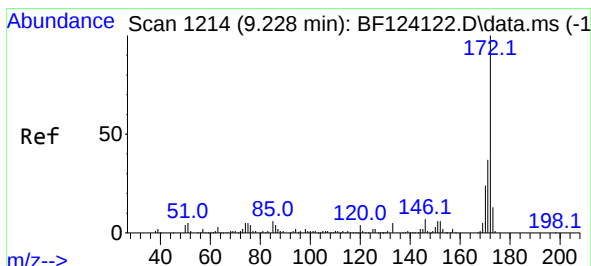
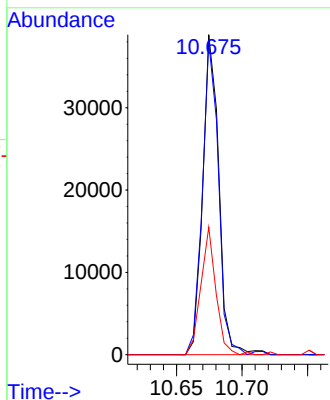
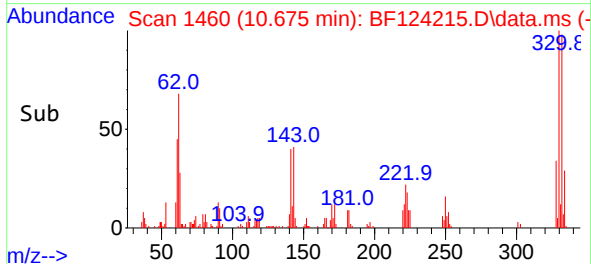




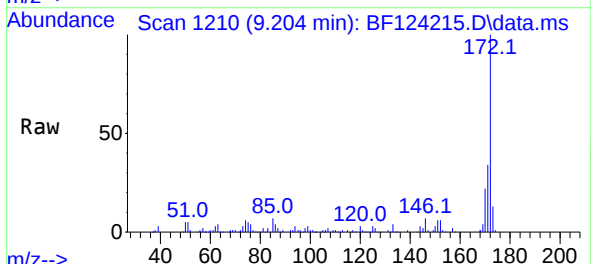
#42
2,4,6-Tribromophenol
Concen: 32.874 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



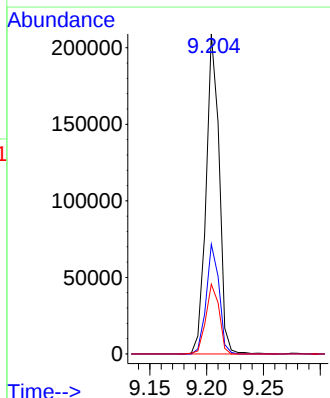
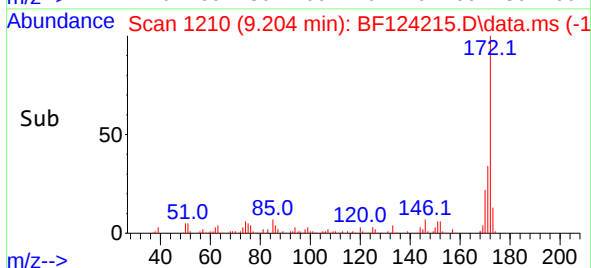
Tgt Ion: 330 Resp: 33315
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 37.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 29.358 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



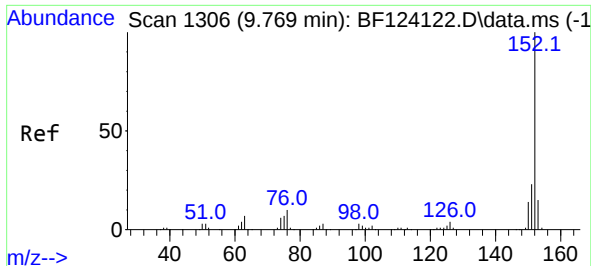
Tgt Ion: 172 Resp: 166882
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 21.8 19.2 28.8



Instrument :
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#49

Acenaphthylene

Concen: 3.208 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF124215.D

Acq: 9 Jun 2021 18:41

Tgt Ion:	152	Resp:	22918
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.0	24.0
153	15.2	10.4	15.6

Instrument :

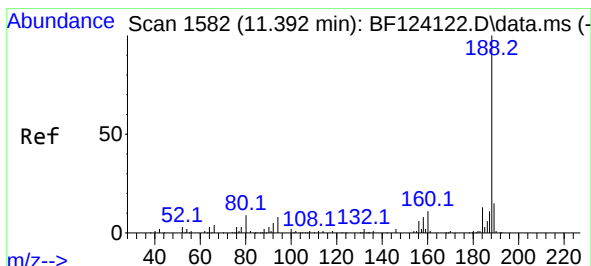
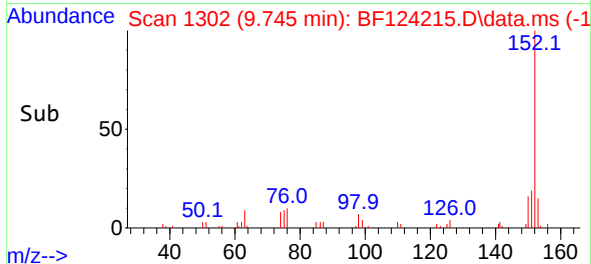
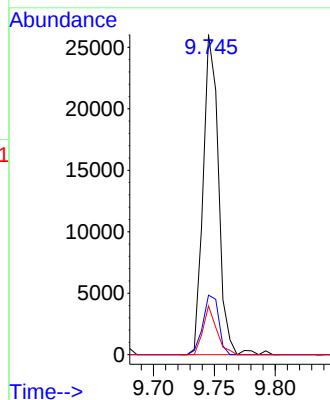
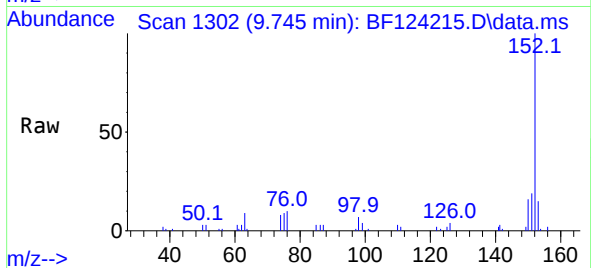
BNA_F

ClientSampled :

339DL

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#64

Phenanthrene-d10

Concen: 20.000 ng

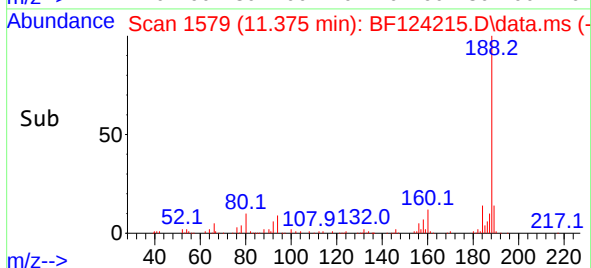
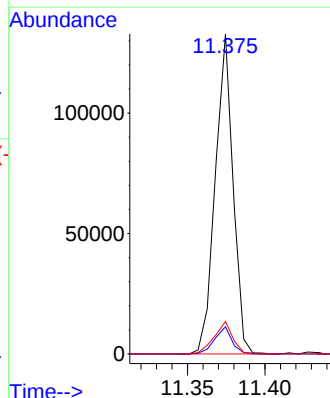
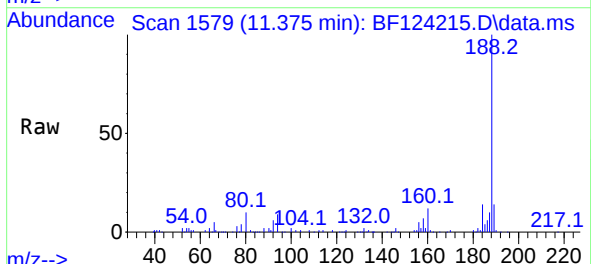
RT: 11.375 min Scan# 1579

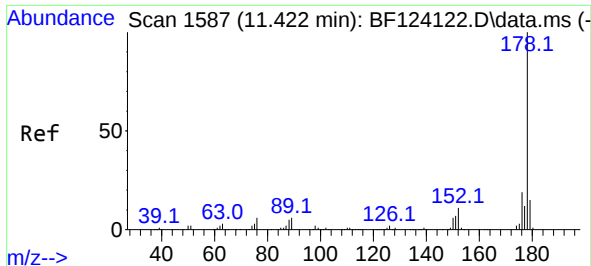
Delta R.T. 0.000 min

Lab File: BF124215.D

Acq: 9 Jun 2021 18:41

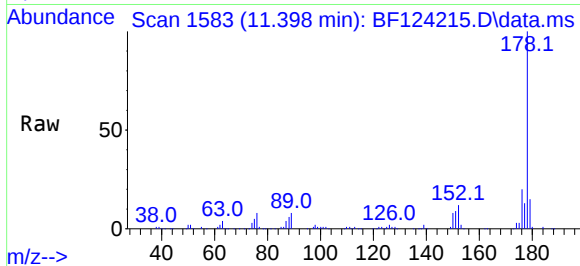
Tgt Ion:	188	Resp:	106000
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.9	10.3
80	10.1	8.2	12.2





#71
Phenanthrene
Concen: 19.569 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

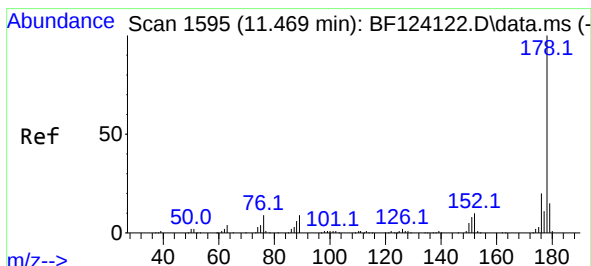
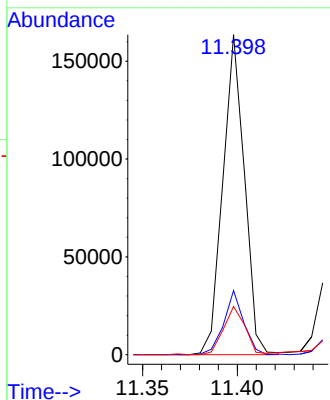
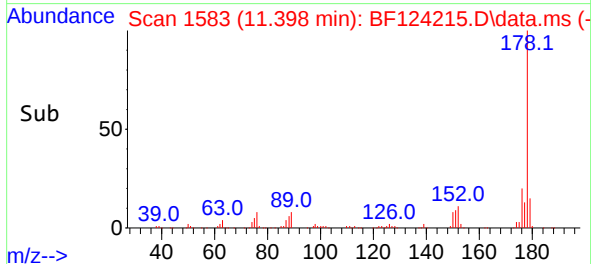
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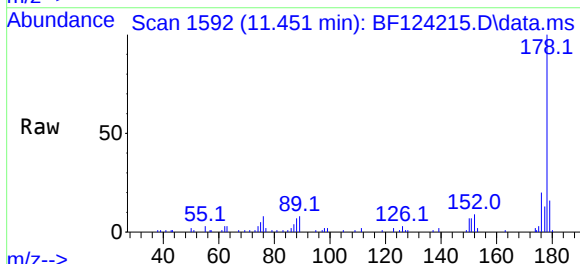
Tgt Ion:178 Resp: 129578
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.1 12.5 18.7

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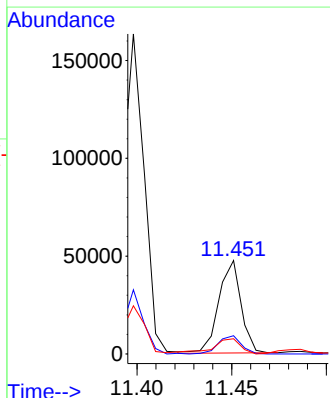
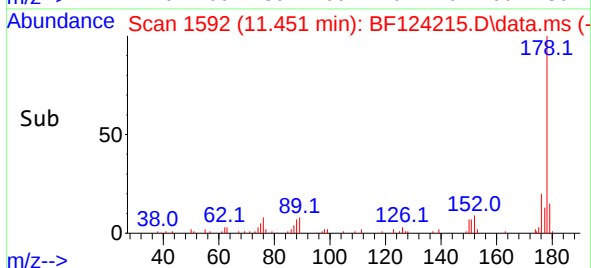
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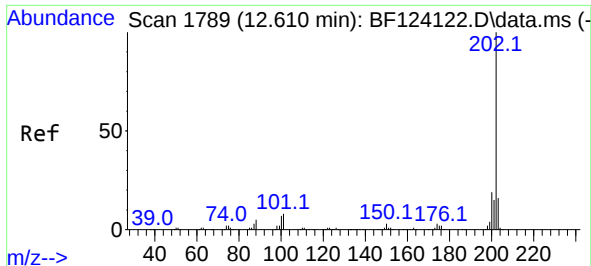


#72
Anthracene
Concen: 5.847 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

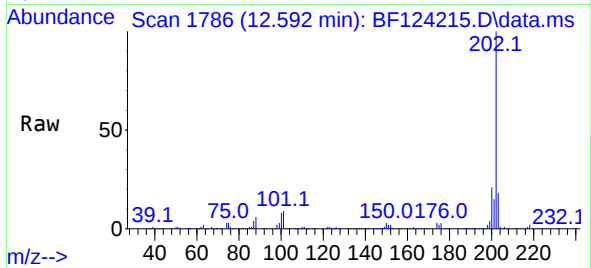


Tgt Ion:178 Resp: 38992
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.3 12.6 18.8

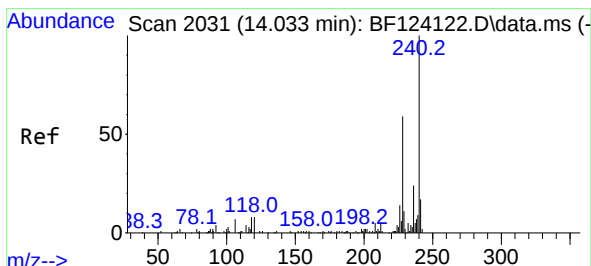
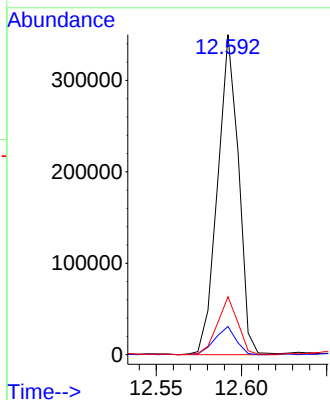
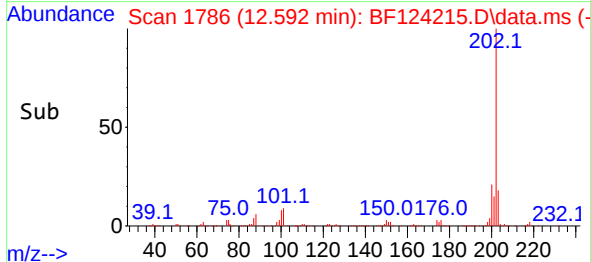




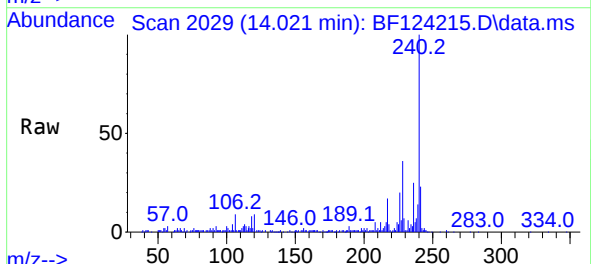
#75
Fluoranthene
Concen: 42.987 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



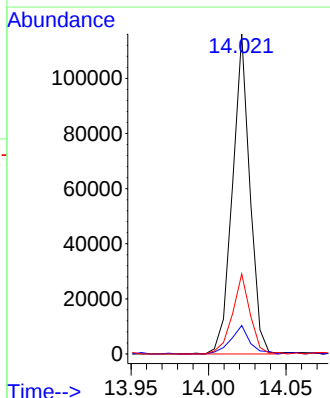
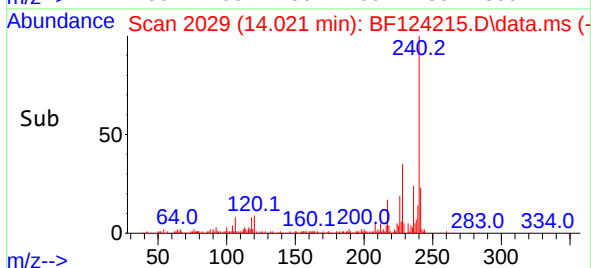
Tgt Ion: 202 Resp: 298781
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



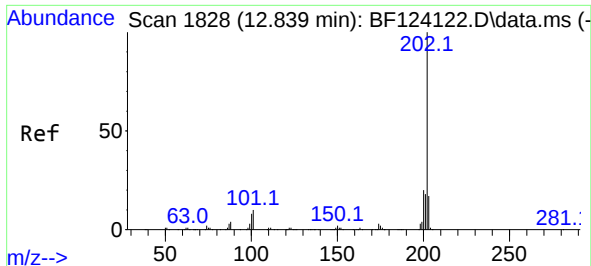
Tgt Ion: 240 Resp: 90572
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 25.0 19.0 28.4



Instrument :
BNA_F
ClientSampleId :
339DL

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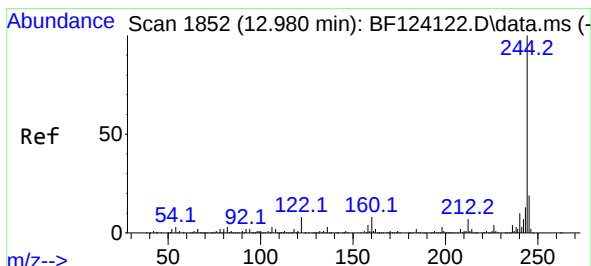
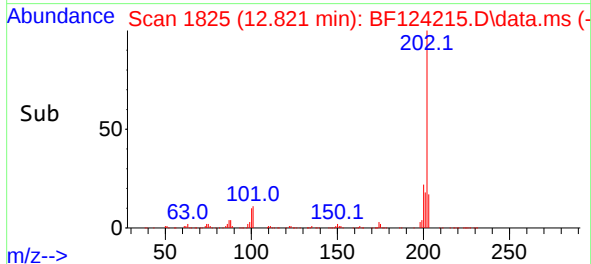
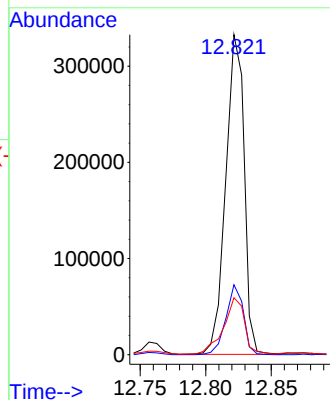
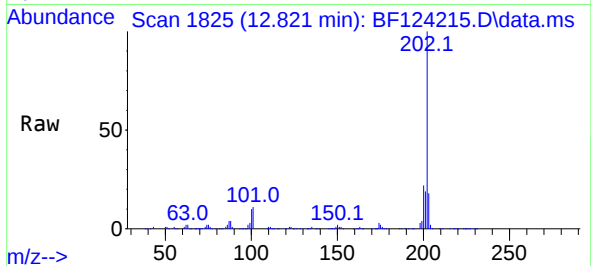
#78
 Pyrene
 Concen: 37.383 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BF124215.D
 Acq: 9 Jun 2021 18:41

Tgt Ion:	202	Resp:	325129
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.1	24.1
203	17.8	14.8	22.2

Instrument :
 BNA_F
 ClientSampled :
 339DL

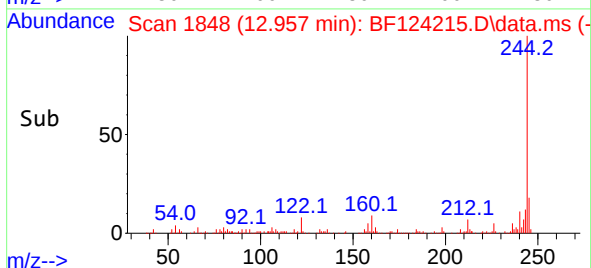
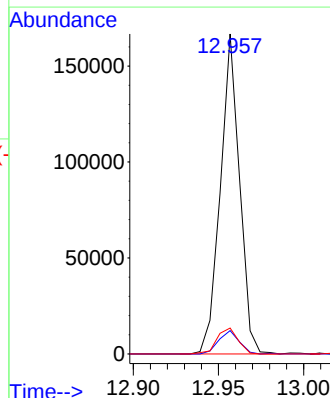
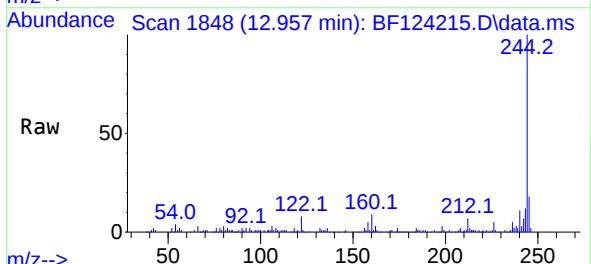
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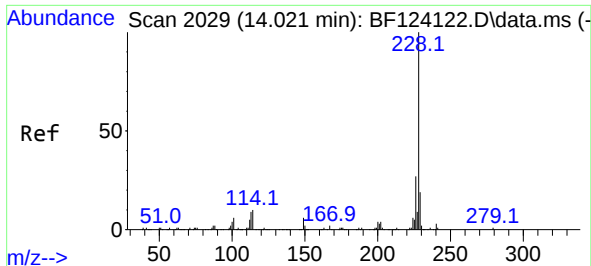
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#79
 Terphenyl-d14
 Concen: 19.836 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124215.D
 Acq: 9 Jun 2021 18:41

Tgt Ion:	244	Resp:	130853
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.1	9.7	14.5#





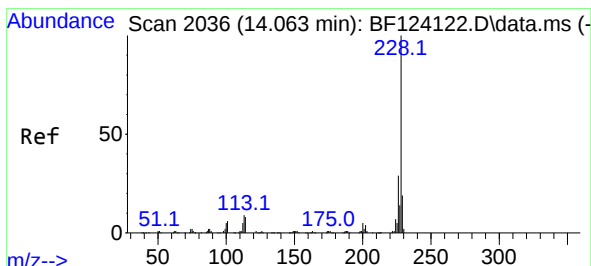
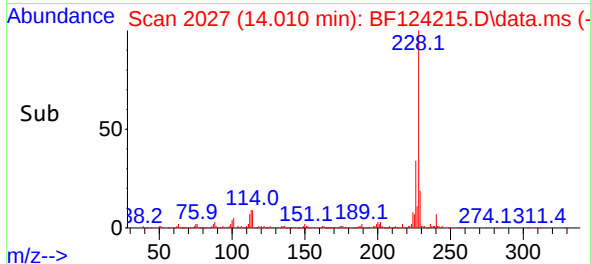
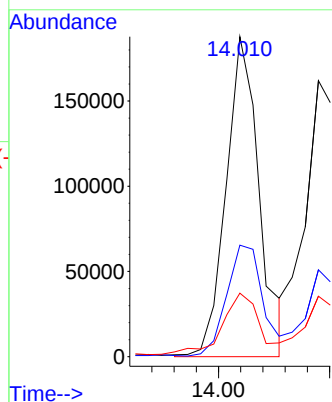
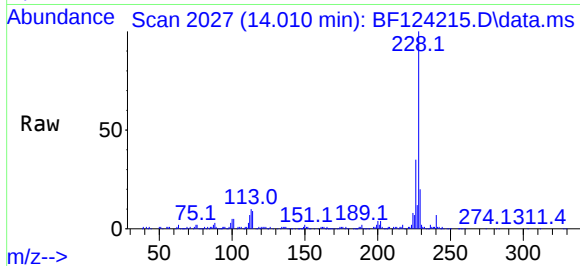
#81
Benzo(a)anthracene
Concen: 29.461 ng m
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

Tgt Ion:228 Resp: 194389
Ion Ratio Lower Upper
228 100
226 34.9 22.4 33.6#
229 19.8 16.0 24.0

Instrument :
BNA_F
ClientSampleId :
339DL

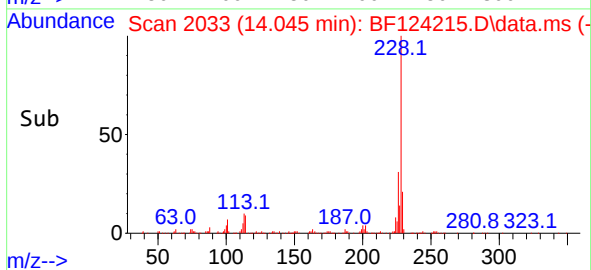
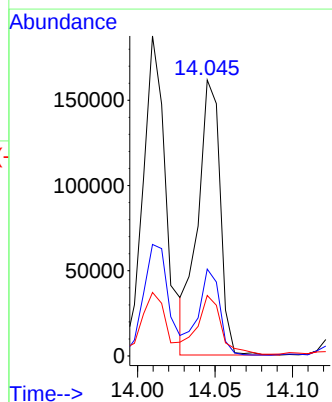
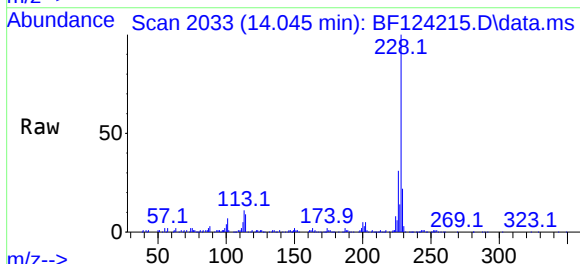
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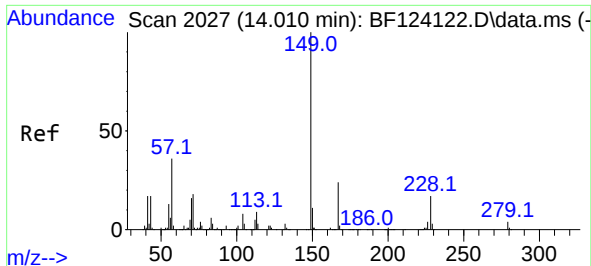
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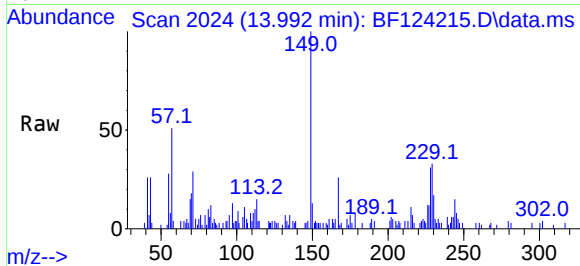
#83
Chrysene
Concen: 25.561 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

Tgt Ion:228 Resp: 162719
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 21.9 16.2 24.2

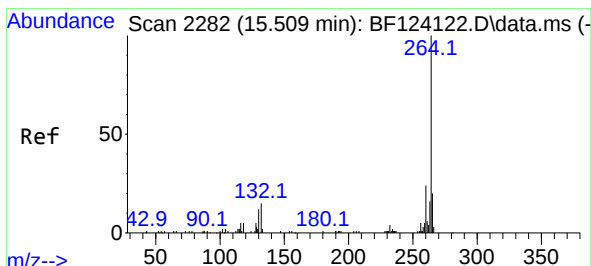
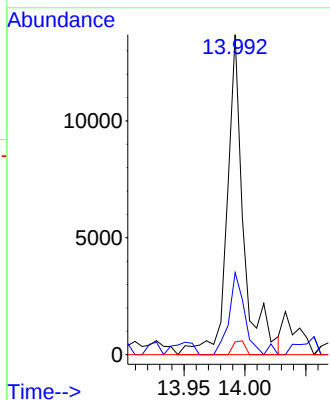
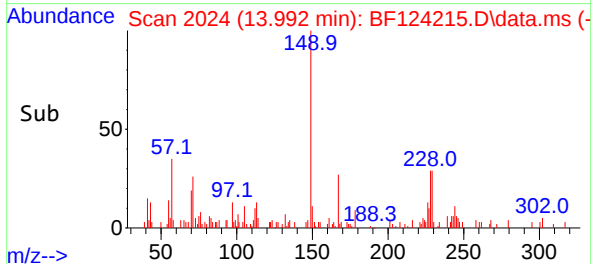




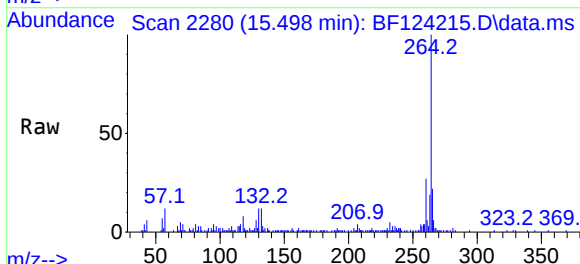
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.068 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



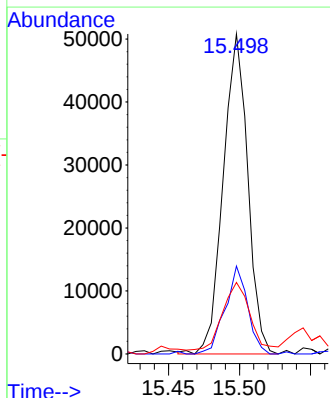
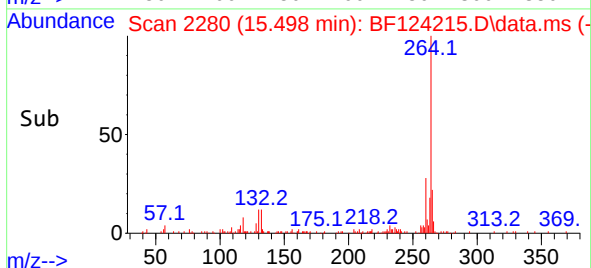
Tgt Ion:149 Resp: 12875
Ion Ratio Lower Upper
149 100
167 25.6 21.8 32.6
279 4.0 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



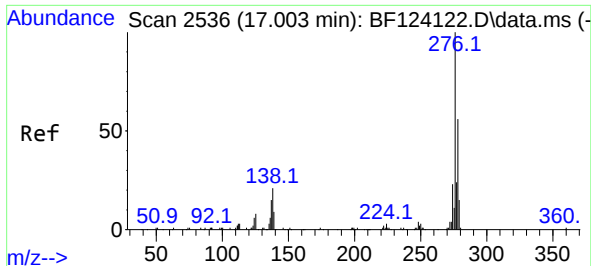
Tgt Ion:264 Resp: 60976
Ion Ratio Lower Upper
264 100
260 27.4 18.7 28.1
265 22.3 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
339DL

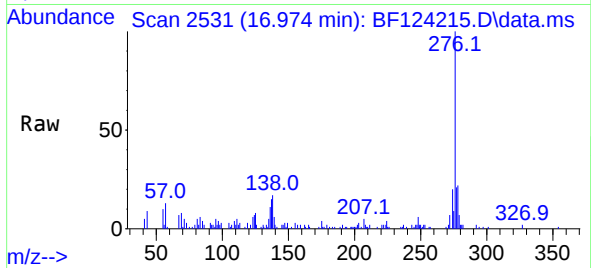
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#87
Indeno(1,2,3-cd)pyrene
Concen: 14.073 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

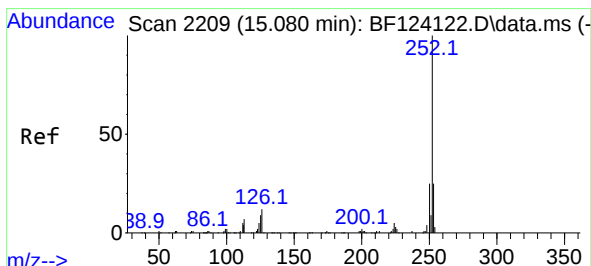
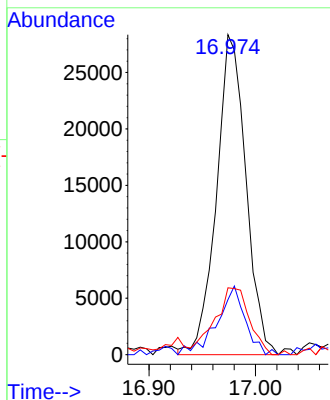
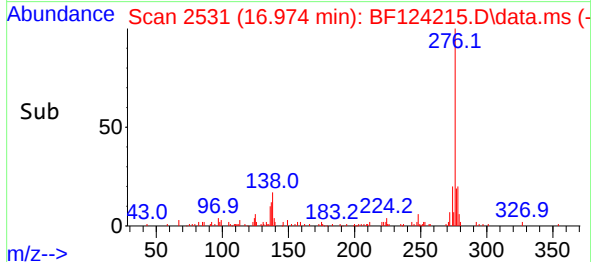
Instrument :
BNA_F
ClientSampled :
339DL



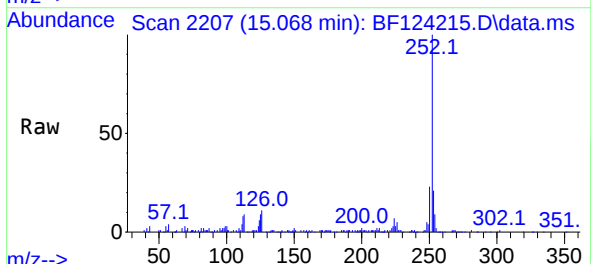
Tgt Ion:276 Resp: 54324
Ion Ratio Lower Upper
276 100
138 20.7 16.2 24.2
277 24.5 20.1 30.1

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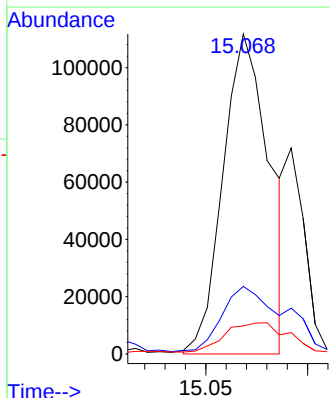
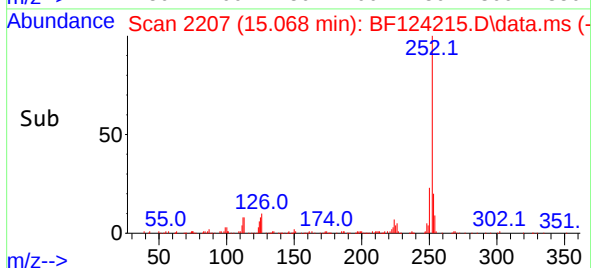
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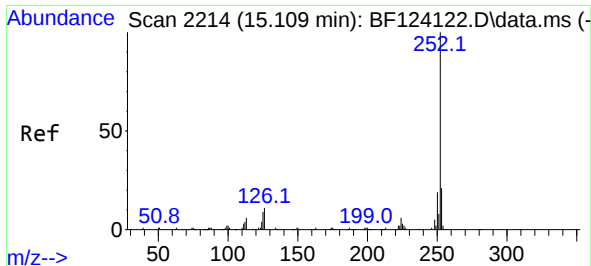


#88
Benzo(b)fluoranthene
Concen: 37.282 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



Tgt Ion:252 Resp: 176591
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 8.7 6.2 9.4





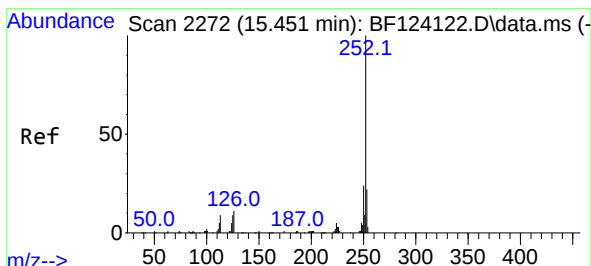
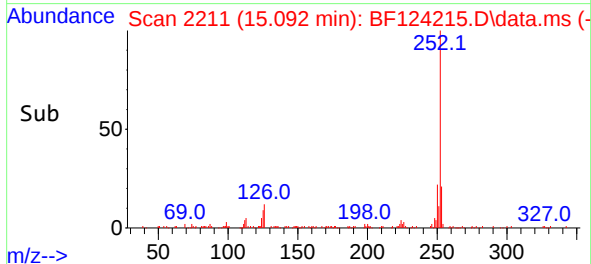
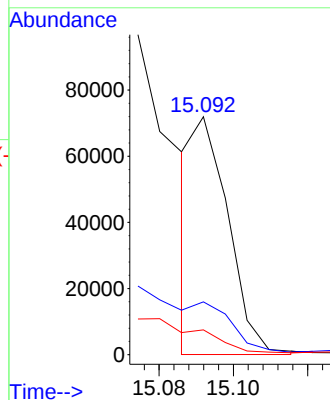
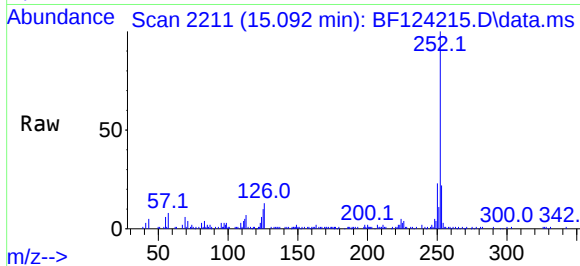
#89
Benzo(k)fluoranthene
Concen: 10.402 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

Tgt Ion:252 Resp: 46642
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 7.0 10.6

Instrument :
BNA_F
ClientSampled :
339DL

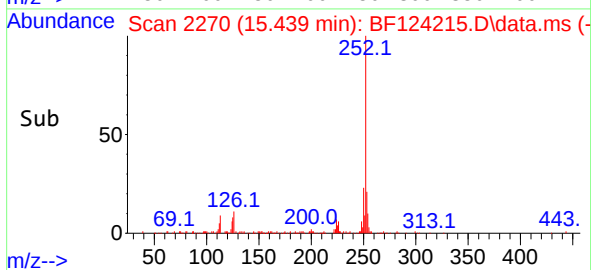
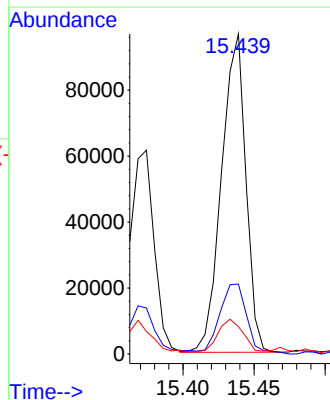
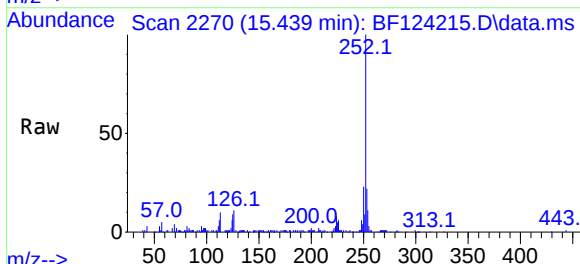
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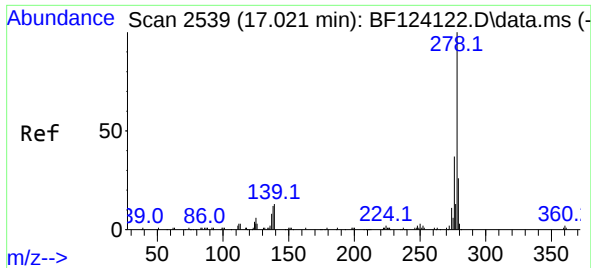
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#90
Benzo(a)pyrene
Concen: 27.953 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

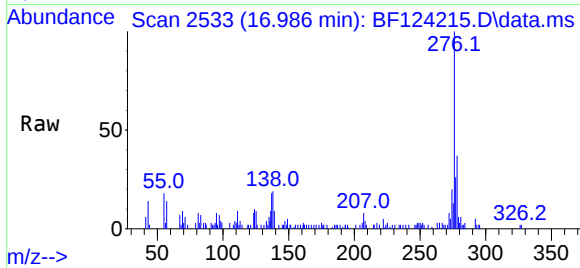
Tgt Ion:252 Resp: 115002
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 8.6 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 7.291 ng m
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41

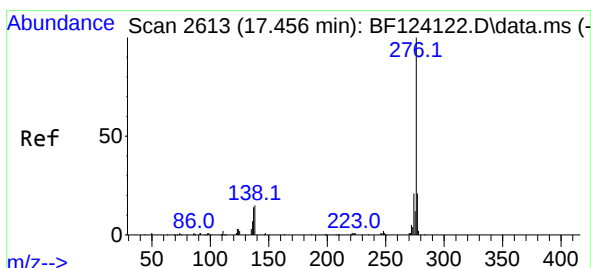
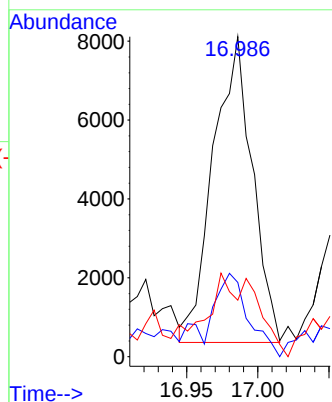
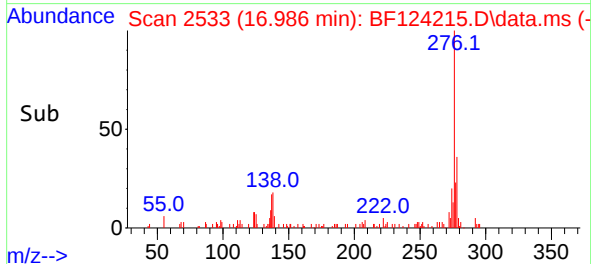
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BNA_F
ClientSampleId :
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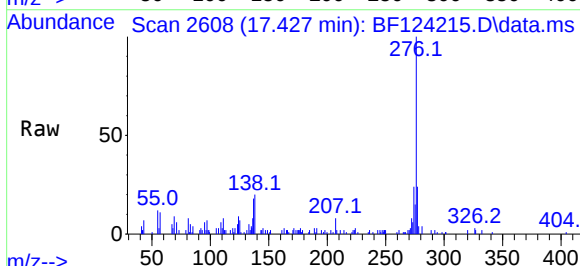
Tgt Ion:278 Resp: 14782
Ion Ratio Lower Upper
278 100
139 23.2 10.2 15.2#
279 17.7 19.4 29.0#

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#92
Benzo(g,h,i)perylene
Concen: 14.960 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124215.D
Acq: 9 Jun 2021 18:41



Tgt Ion:276 Resp: 51776
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.2
138 19.8 13.8 20.6

