

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124251.D
 Acq On : 11 Jun 2021 1:13
 Operator : JU/CG
 Sample : M2651-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEP-CRANE-PAD-EXCAVATION

Manual Integrations
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Quant Time: Jun 11 06:09:42 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	35414	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	140365	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	77466	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	111874	20.000	ng	0.00
76) Chrysene-d12	14.021	240	98531	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	59504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	53858	22.893	ng	0.00
7) Phenol-d6	6.486	99	69227	21.892	ng	-0.01
23) Nitrobenzene-d5	7.404	82	53044	14.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	18184	16.568	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	100490	16.324	ng	0.00
79) Terphenyl-d14	12.957	244	82635	11.515	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	18348	2.863	ng	# 89
71) Phenanthrene	11.398	178	15595	2.231	ng	# 88
75) Fluoranthene	12.586	202	30355	4.138	ng	96
78) Pyrene	12.821	202	28754	3.039	ng	94
81) Benzo(a)anthracene	14.009	228	18776	2.616	ng	95
83) Chrysene	14.045	228	17430m	2.517	ng	
87) Indeno(1,2,3-cd)pyrene	16.980	276	7814	5.770	ng	# 83
88) Benzo(b)fluoranthene	15.062	252	20151m	4.359	ng	
90) Benzo(a)pyrene	15.433	252	14251	3.550	ng	# 85
92) Benzo(g,h,i)perylene	17.445	276	7599	5.484	ng	# 76

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

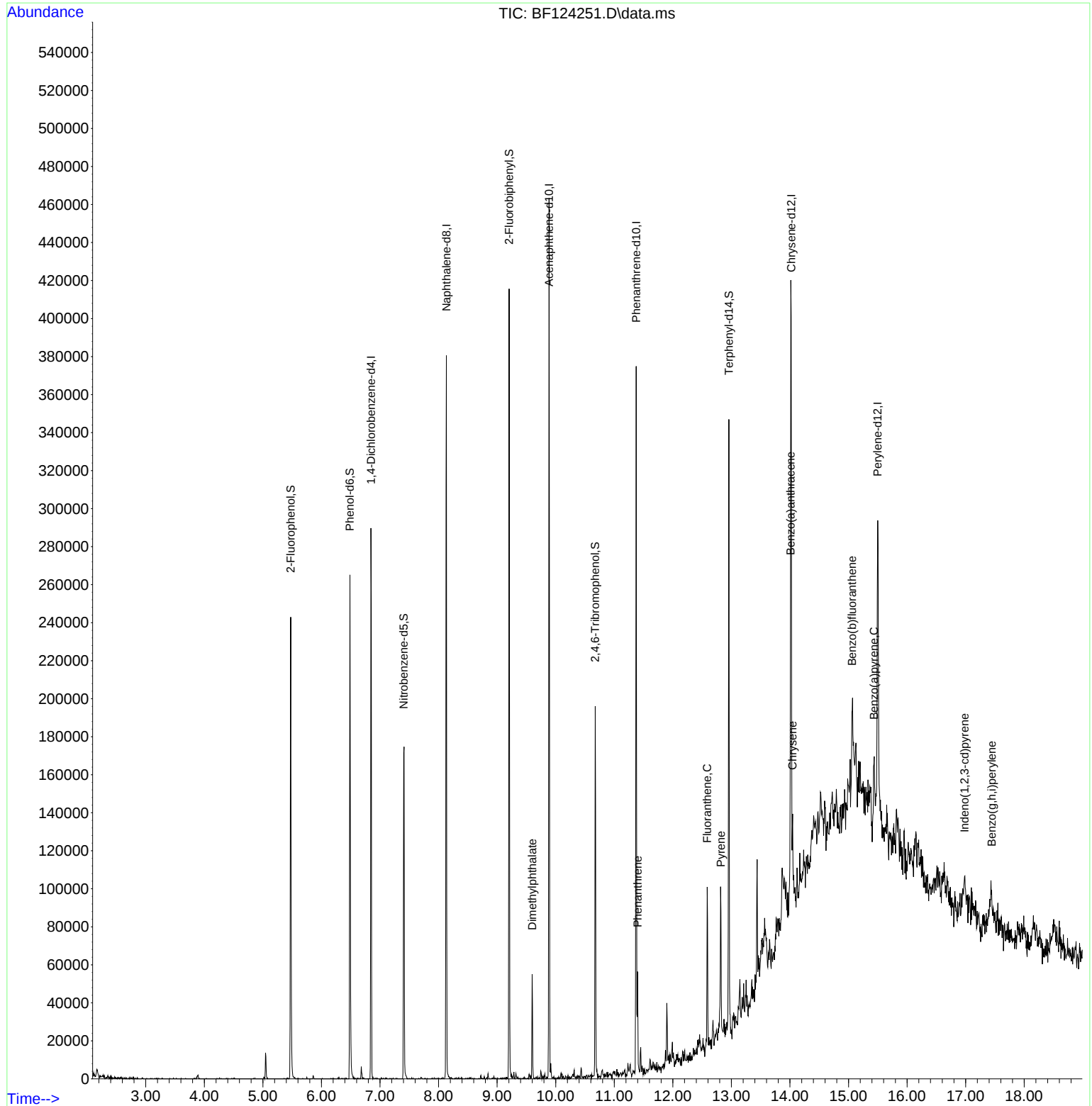
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124251.D
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Operator : JU/CG
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DEP-CRANE-PAD-EXCAVATION

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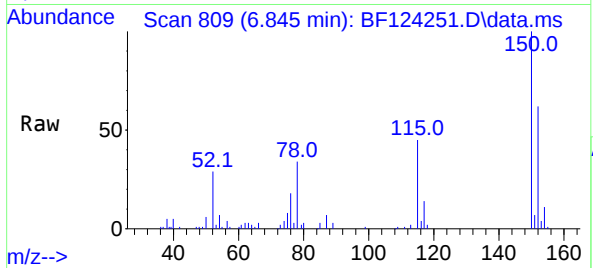
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
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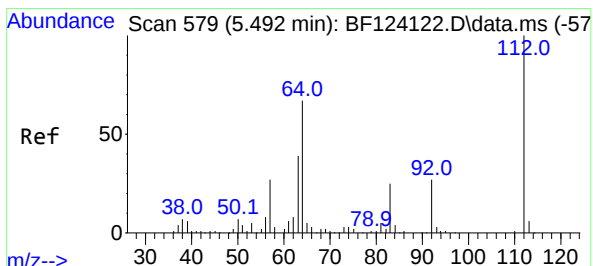
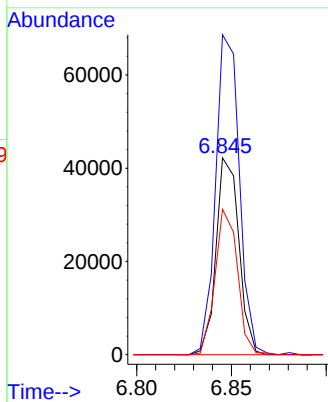
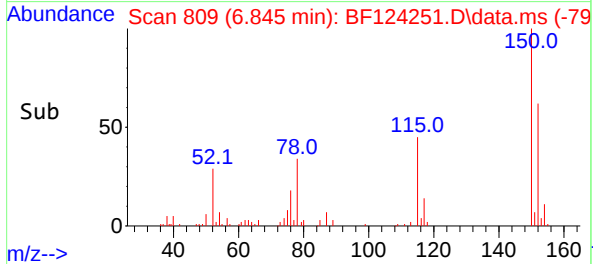




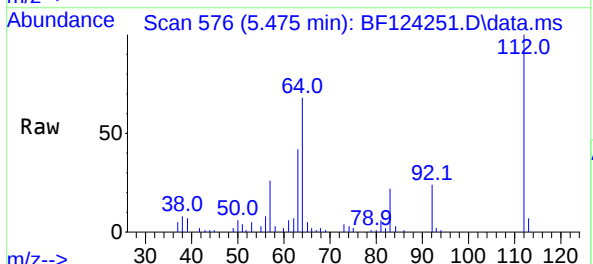
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13



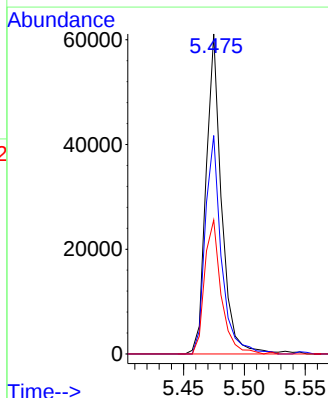
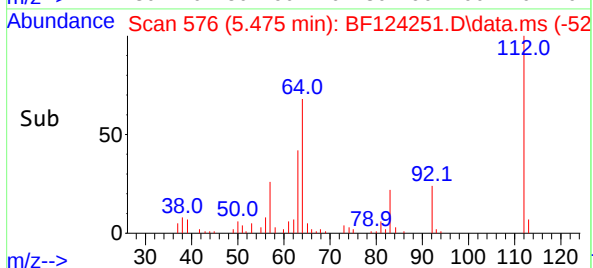
Tgt Ion:152 Resp: 35414
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 73.9 54.3 81.5



#5
2-Fluorophenol
Concen: 22.893 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13



Tgt Ion:112 Resp: 53858
Ion Ratio Lower Upper
112 100
64 68.3 61.4 92.0
63 41.9 33.0 49.4



Instrument :
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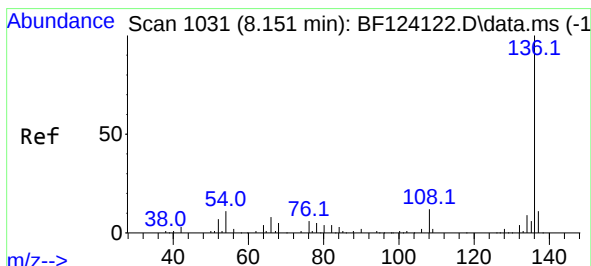
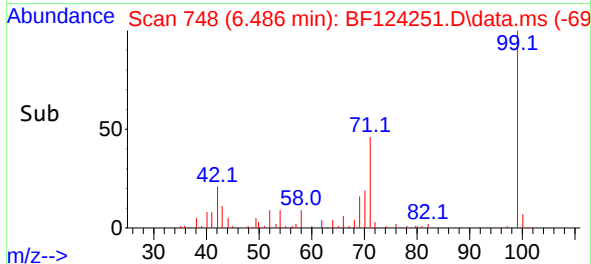
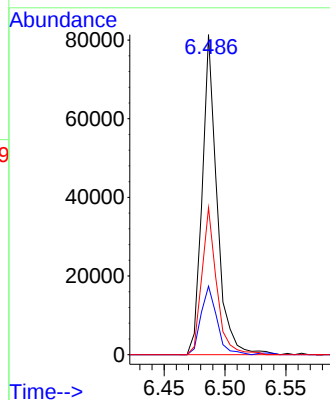
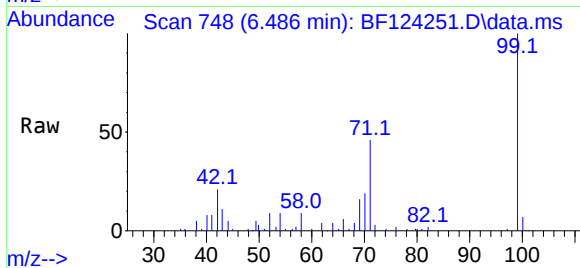
#7
Phenol-d6
Concen: 21.892 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion: 99 Resp: 69227
Ion Ratio Lower Upper
99 100
42 21.4 19.8 29.8
71 46.0 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

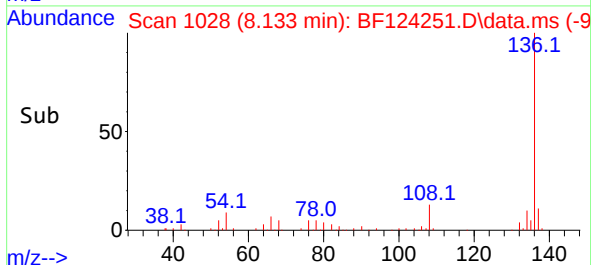
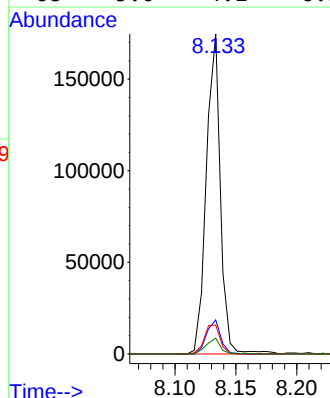
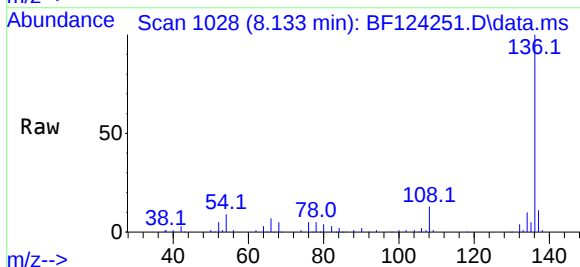
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

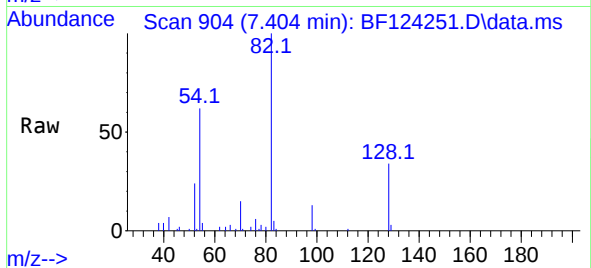
Tgt Ion: 136 Resp: 140365
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.1 9.8 14.6#
68 5.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 14.988 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

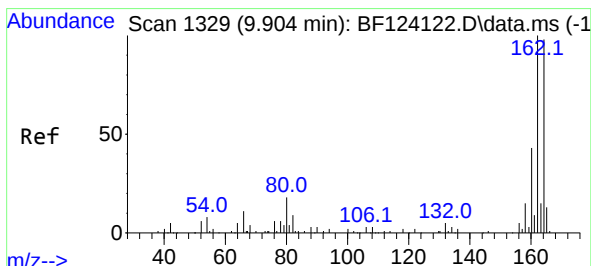
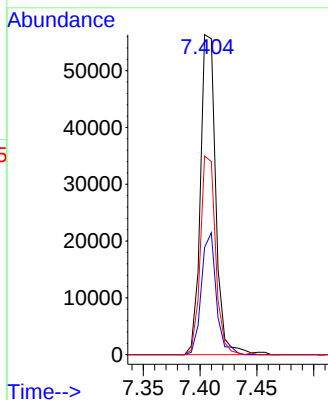
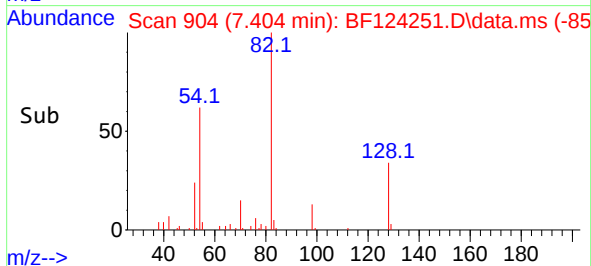
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BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION



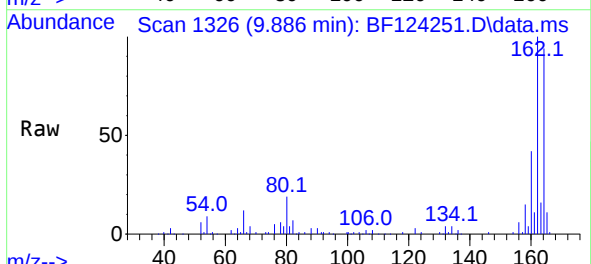
Tgt Ion: 82 Resp: 53044
Ion Ratio Lower Upper
82 100
128 33.5 29.4 44.2
54 62.1 54.1 81.1

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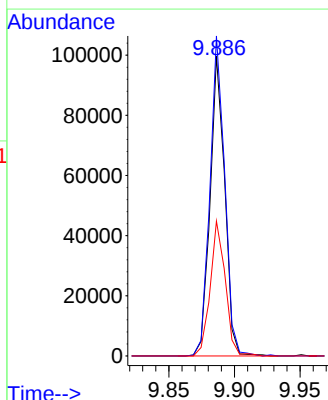
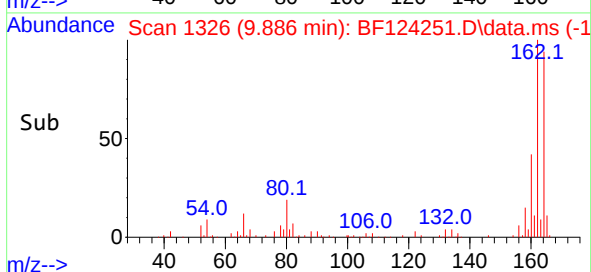
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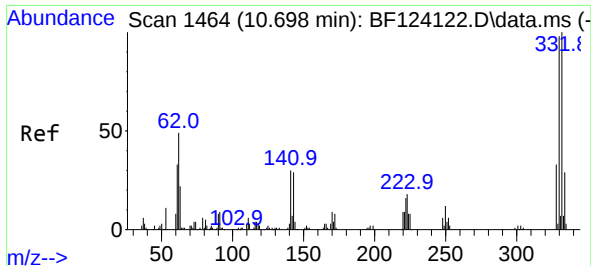


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13



Tgt Ion: 164 Resp: 77466
Ion Ratio Lower Upper
164 100
162 106.8 80.7 121.1
160 45.0 37.3 55.9





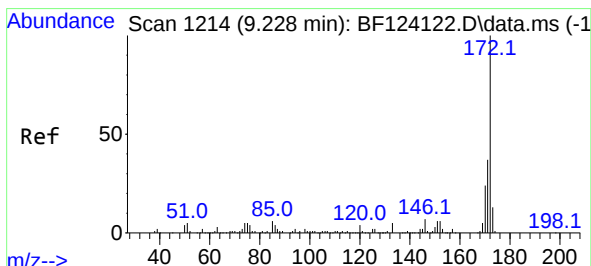
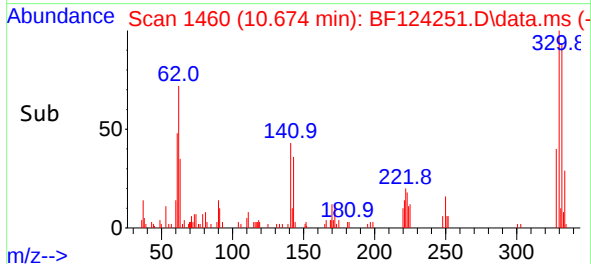
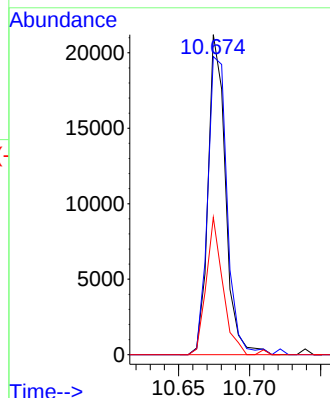
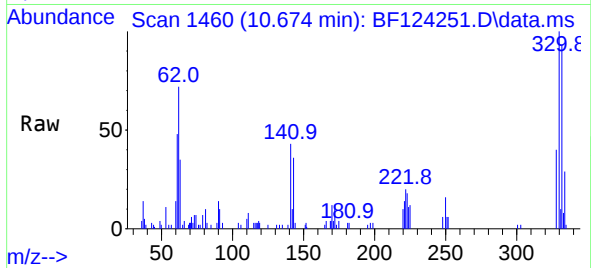
#42
2,4,6-Tribromophenol
Concen: 16.568 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:	330	Resp:	18184
Ion Ratio	Lower	Upper	
330	100		
332	104.8	77.1	115.7
141	40.8	27.9	41.9

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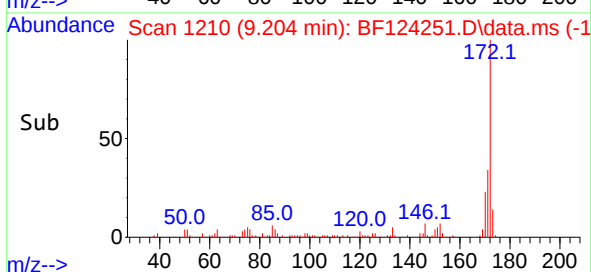
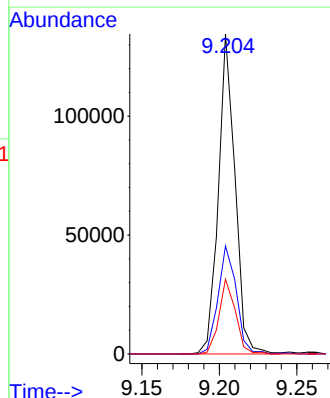
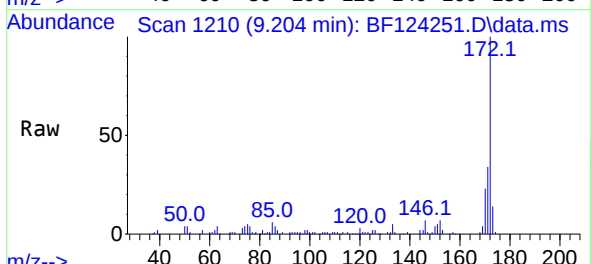
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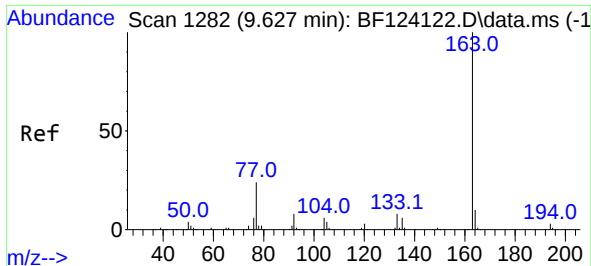
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#45
2-Fluorobiphenyl
Concen: 16.324 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:	172	Resp:	100490
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.1	42.1
170	23.3	19.2	28.8





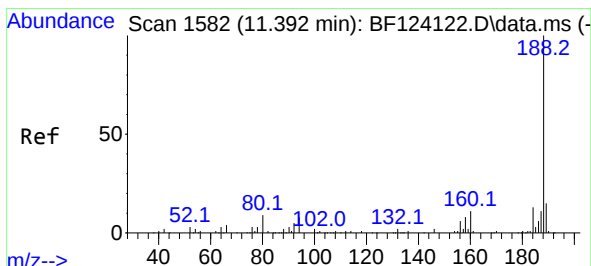
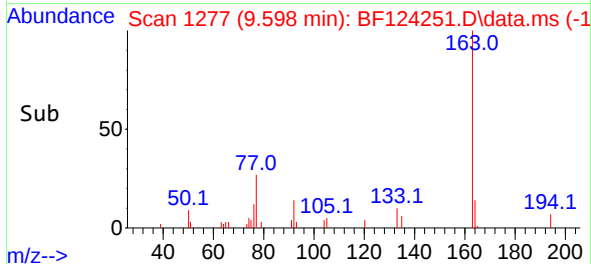
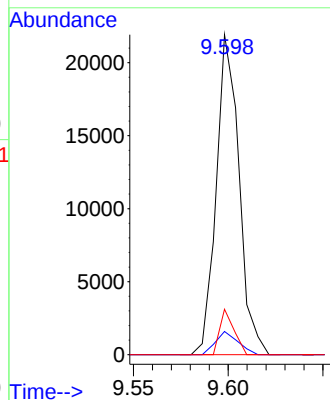
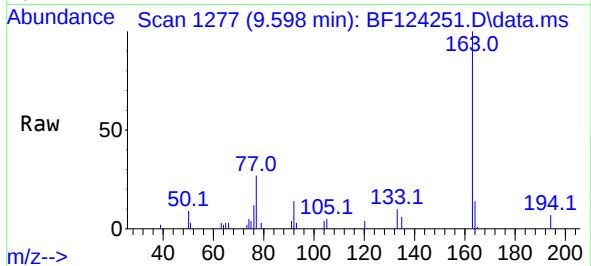
#50
Dimethylphthalate
Concen: 2.863 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:163 Resp: 18348
Ion Ratio Lower Upper
163 100
194 7.3 3.1 4.7#
164 14.2 8.2 12.2#

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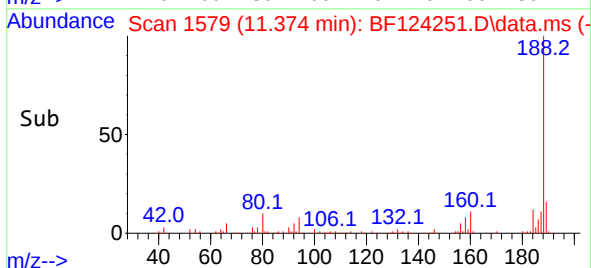
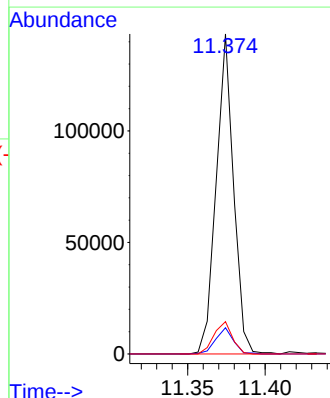
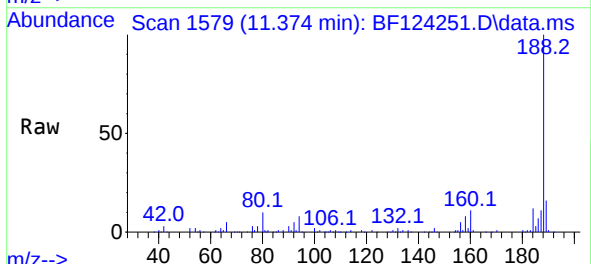
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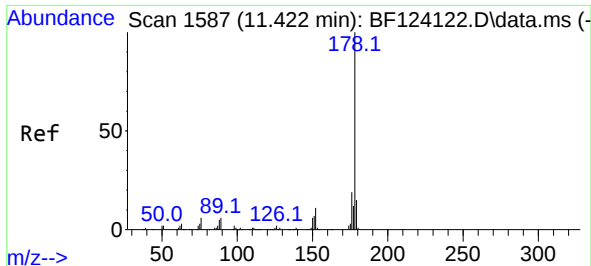
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:188 Resp: 111874
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.1 8.2 12.2





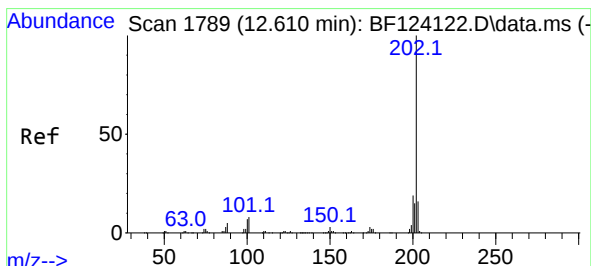
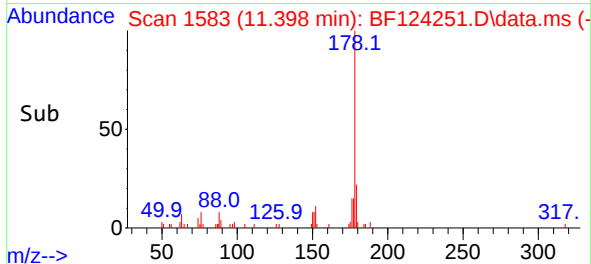
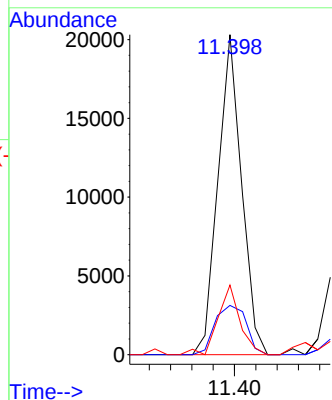
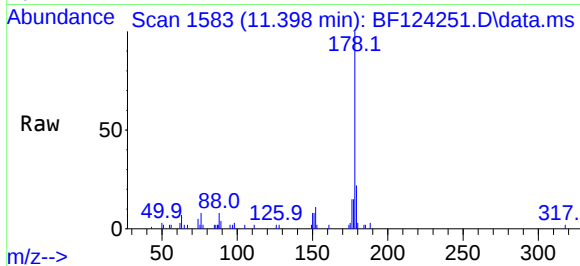
#71
Phenanthrene
Concen: 2.231 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:178 Resp: 15595
Ion Ratio Lower Upper
178 100
176 15.4 15.6 23.4#
179 21.7 12.5 18.7#

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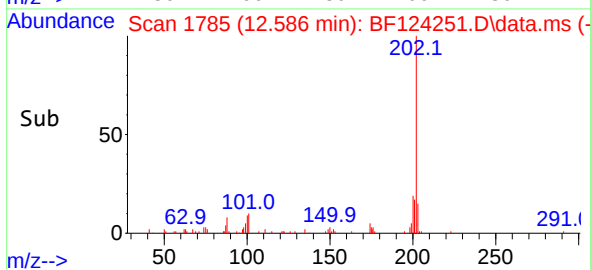
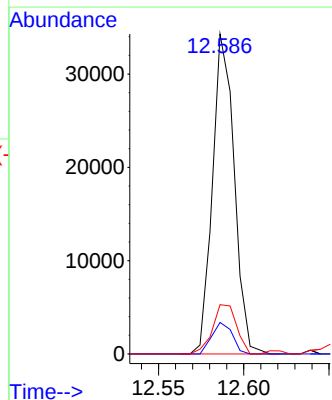
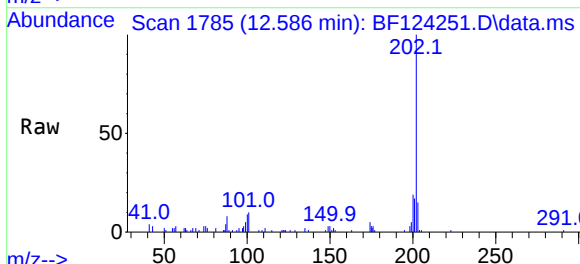
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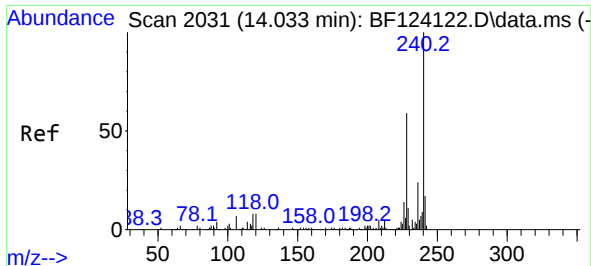
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#75
Fluoranthene
Concen: 4.138 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

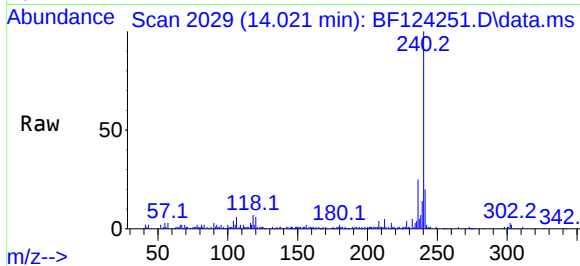
Tgt Ion:202 Resp: 30355
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.9
203 15.4 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

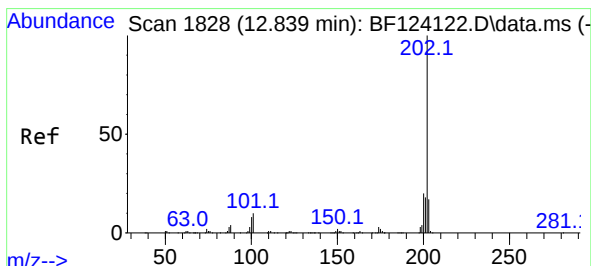
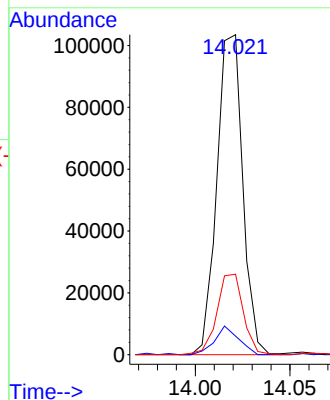
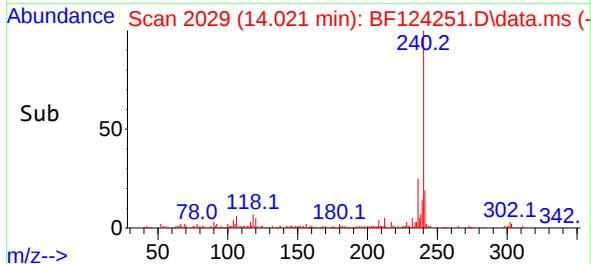
Instrument :
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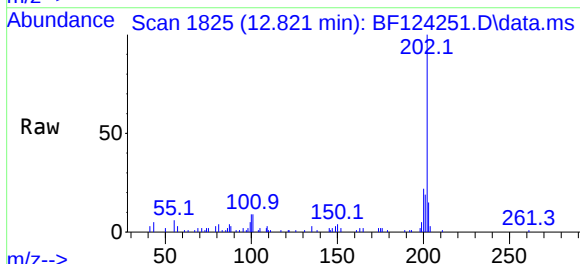
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Ion Ratio Lower Upper
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120 5.8 7.2 10.8#
236 25.1 19.0 28.4

Manual Integrations
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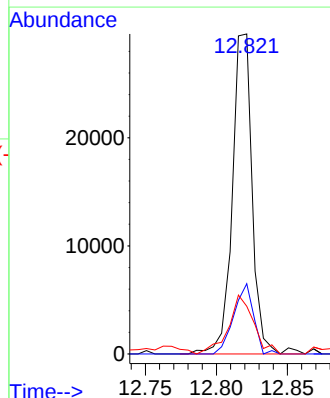
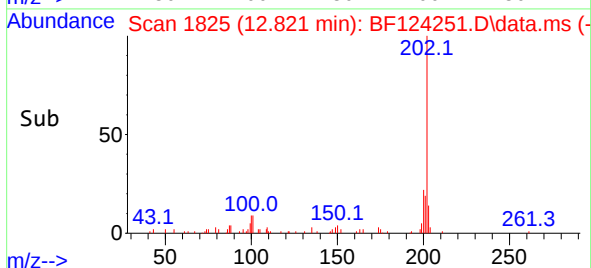
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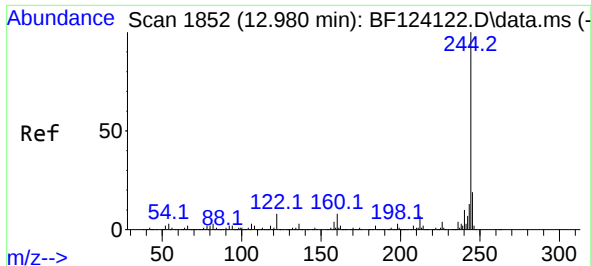


#78
Pyrene
Concen: 3.039 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13



Tgt Ion:202 Resp: 28754
Ion Ratio Lower Upper
202 100
200 22.0 16.1 24.1
203 14.9 14.8 22.2





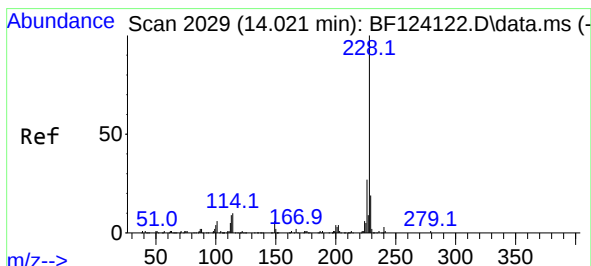
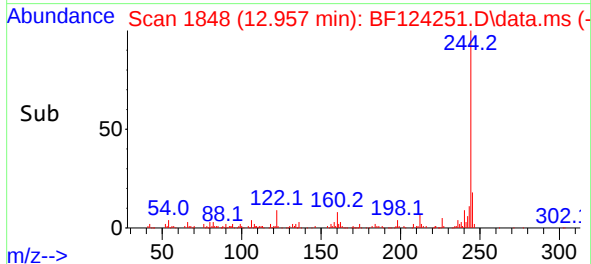
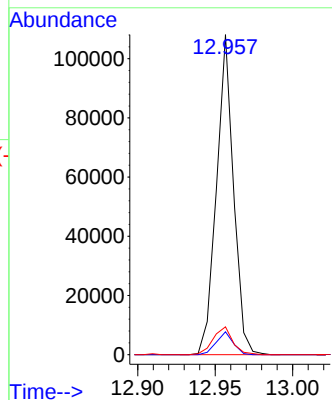
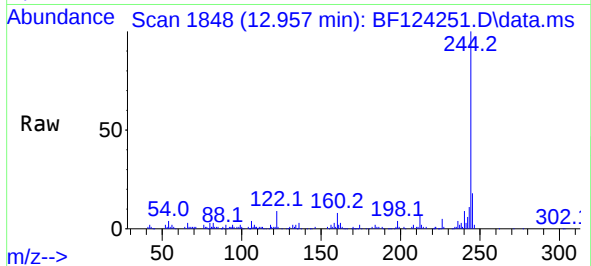
#79
Terphenyl-d14
Concen: 11.515 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:244 Resp: 82635
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.7 9.7 14.5#

Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

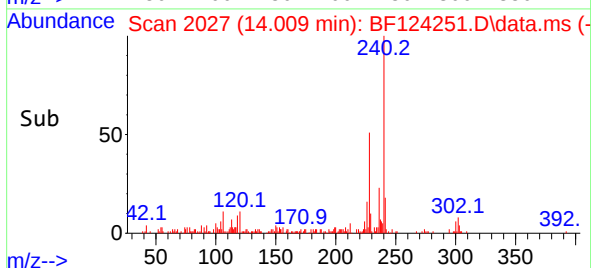
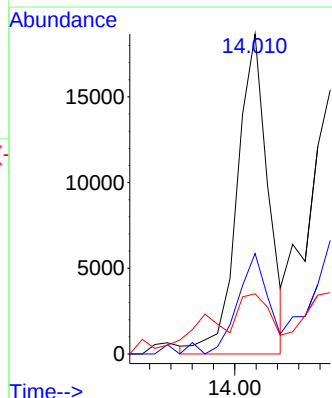
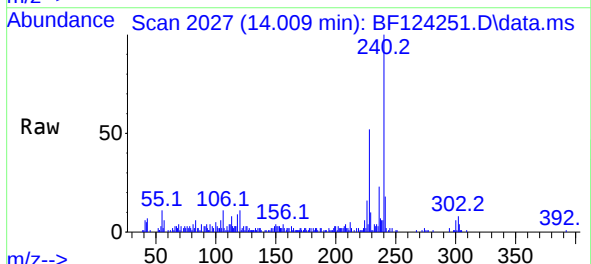
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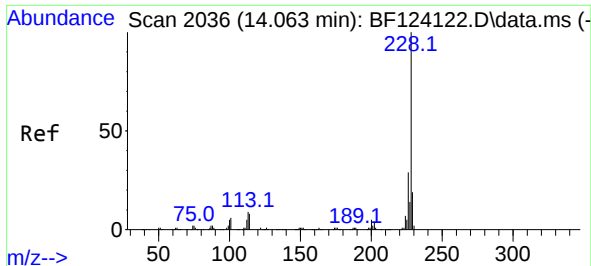
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#81
Benzo(a)anthracene
Concen: 2.616 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:228 Resp: 18776
Ion Ratio Lower Upper
228 100
226 31.4 22.4 33.6
229 18.8 16.0 24.0





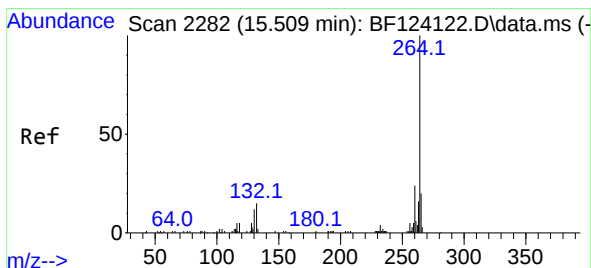
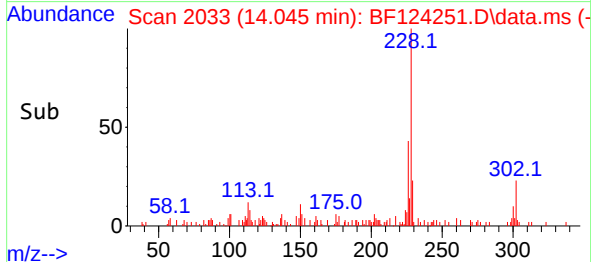
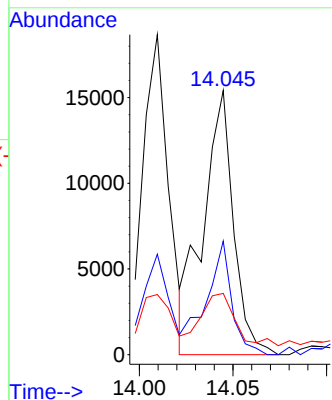
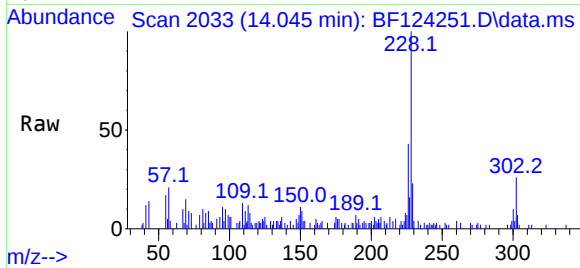
#83
Chrysene
Concen: 2.517 ng m
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:	228	Resp:	17430
Ion Ratio	Lower	Upper	
228	100		
226	43.0	24.3	36.5#
229	23.2	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

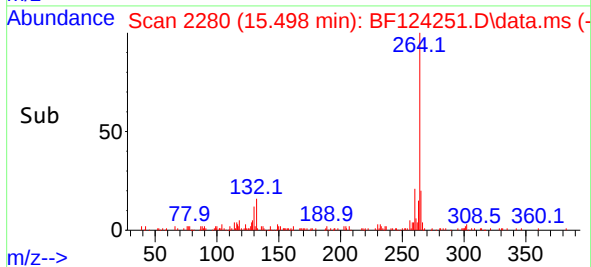
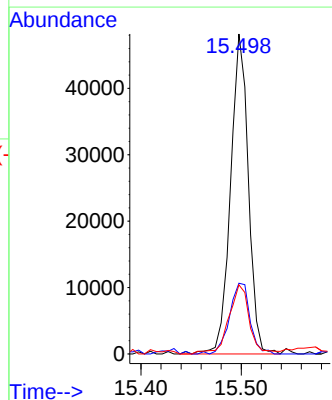
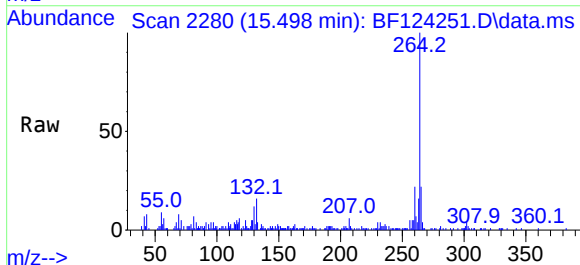
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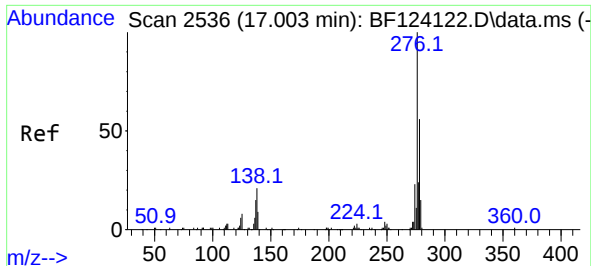
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion:	264	Resp:	59504
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.7	28.1
265	21.6	17.8	26.8





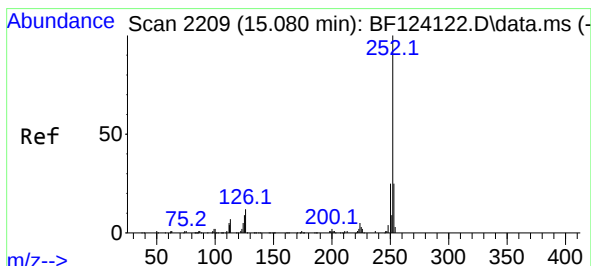
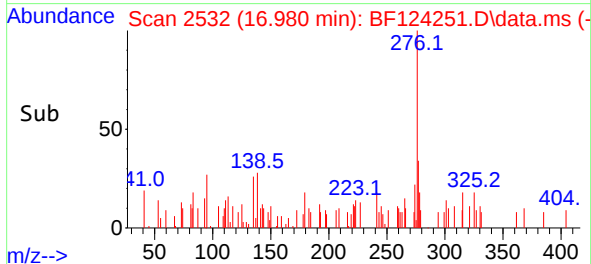
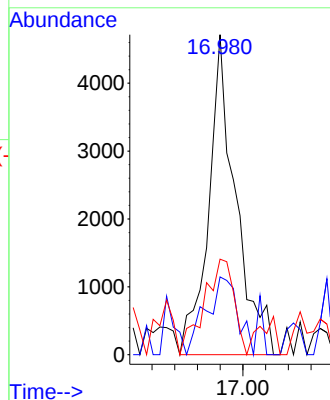
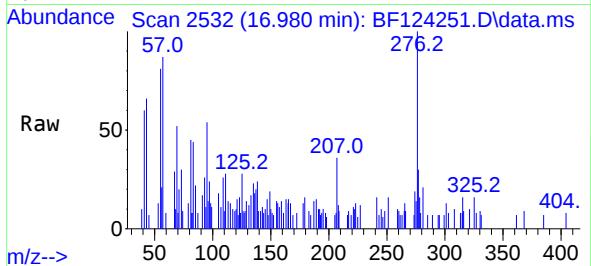
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.770 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

Tgt Ion: 276 Resp: 7814
Ion Ratio Lower Upper
276 100
138 28.4 16.2 24.2#
277 33.0 20.1 30.1#

Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

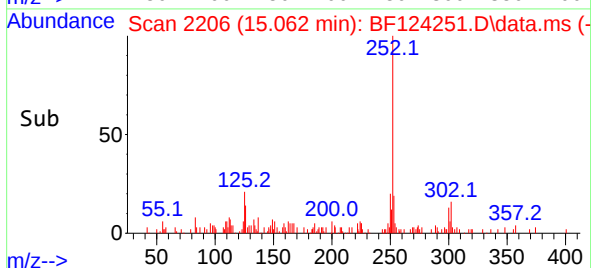
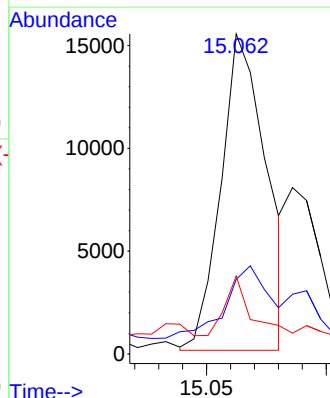
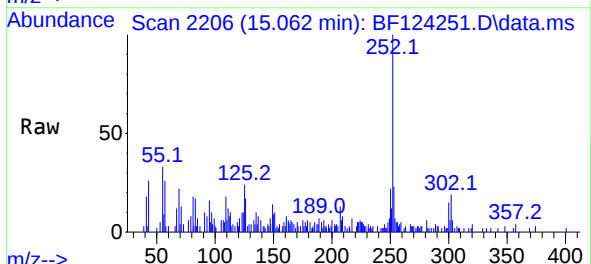
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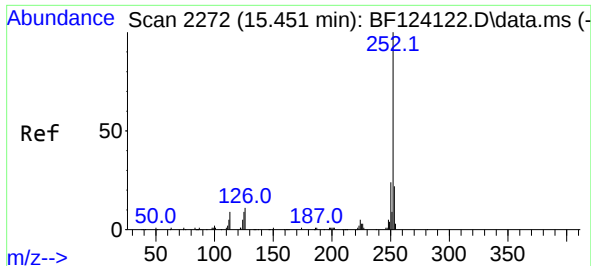
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#88
Benzo(b)fluoranthene
Concen: 4.359 ng m
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

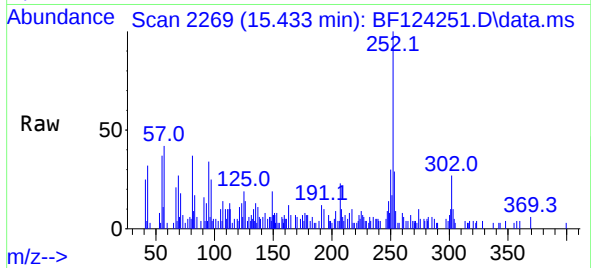
Tgt Ion: 252 Resp: 20151
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 24.3 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.550 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13

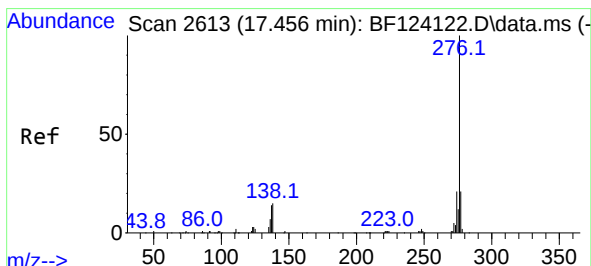
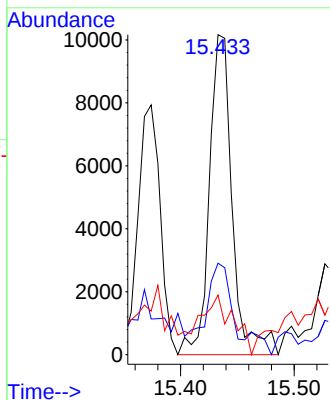
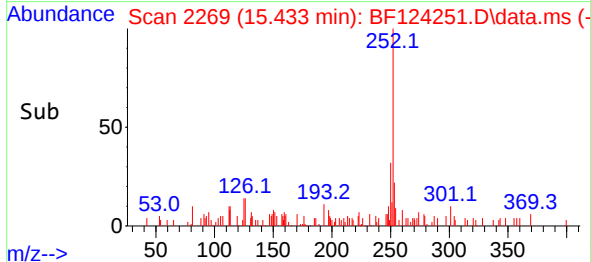
Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION



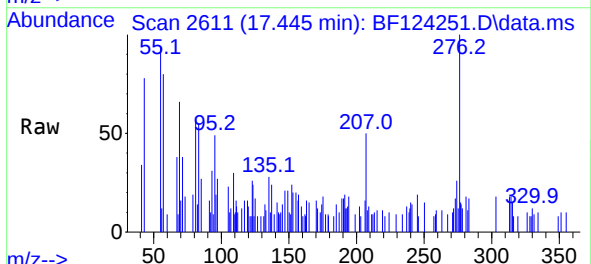
Tgt Ion:252 Resp: 14251
Ion Ratio Lower Upper
252 100
253 28.6 18.4 27.6#
125 18.6 8.0 12.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.484 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF124251.D
Acq: 11 Jun 2021 1:13



Tgt Ion:276 Resp: 7599
Ion Ratio Lower Upper
276 100
277 29.0 18.2 27.2#
138 0.0 13.8 20.6#

