

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124286.D
 Acq On : 12 Jun 2021 15:05
 Operator : JU/CG
 Sample : M2651-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/14/2021 5:50:38 PM

Quant Time: Jun 14 04:25:34 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	6.839	152	37258	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	130527	20.000	ng	-0.01
39) Acenaphthene-d10	9.874	164	70077	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	105277	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	93283	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	55212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	107599	43.473	ng	-0.02
7) Phenol-d6	6.475	99	134105	40.310	ng	-0.02
23) Nitrobenzene-d5	7.398	82	105981	32.203	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	33783	34.027	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	190742	34.251	ng	-0.01
79) Terphenyl-d14	12.951	244	161292	23.739	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.592	163	38161	6.582	ng	# 95
75) Fluoranthene	12.580	202	62023	8.985	ng	95
78) Pyrene	12.810	202	56103	6.263	ng	96
81) Benzo(a)anthracene	13.998	228	36013	5.299	ng	96
83) Chrysene	14.033	228	33154m	5.057	ng	
87) Indeno(1,2,3-cd)pyrene	16.968	276	14077	7.122	ng	# 90
88) Benzo(b)fluoranthene	15.057	252	39983m	9.322	ng	
89) Benzo(k)fluoranthene	15.080	252	13024m	3.208	ng	
90) Benzo(a)pyrene	15.427	252	25192	6.763	ng	# 89
92) Benzo(g,h,i)perylene	17.421	276	14842	7.338	ng	# 92

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

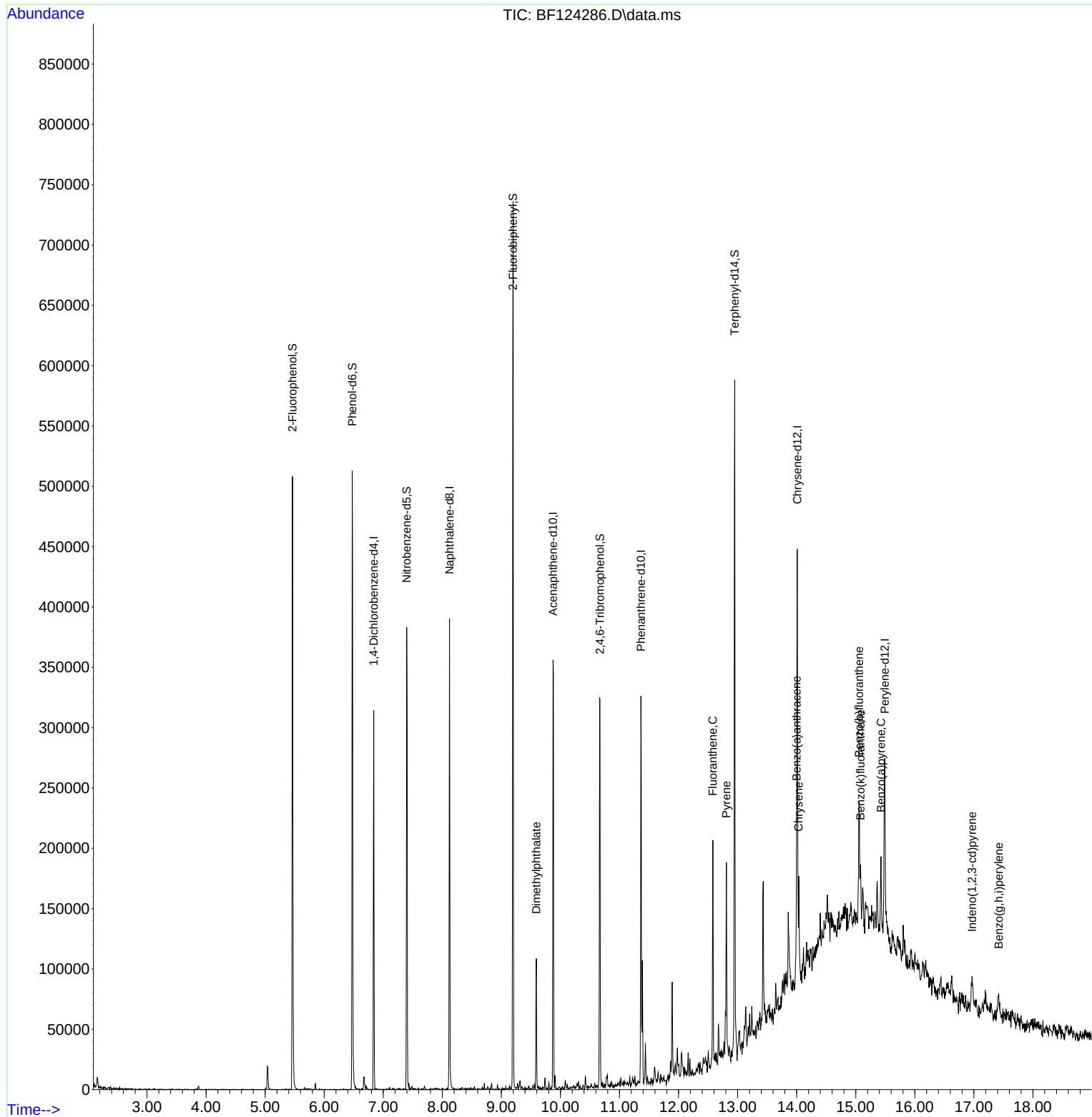
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Data File : BF124286.D
Acq On : 12 Jun 2021 15:05
Operator : JU/CG
Sample : M2651-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

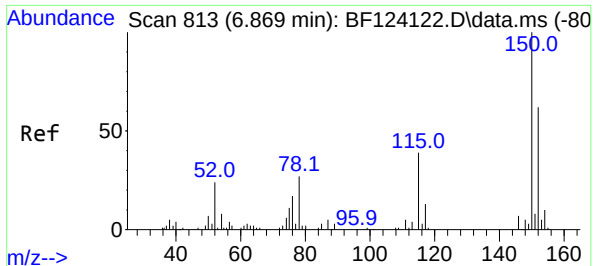
Instrument :
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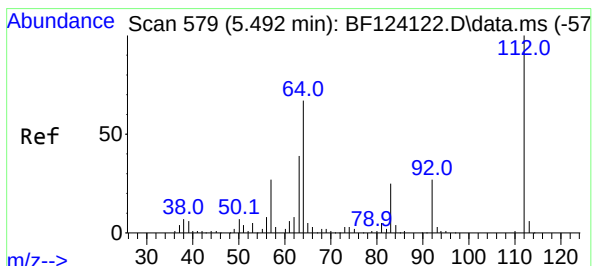
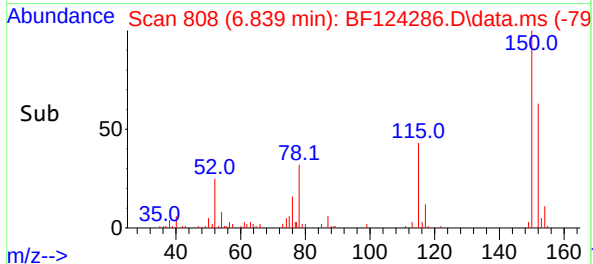
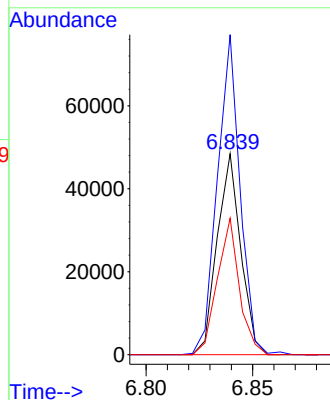
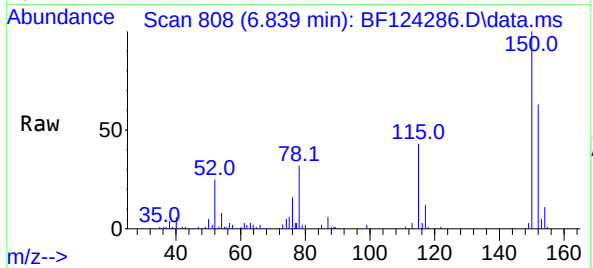
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:152 Resp: 37258
Ion Ratio Lower Upper
152 100
150 159.3 127.0 190.6
115 67.9 54.3 81.5

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

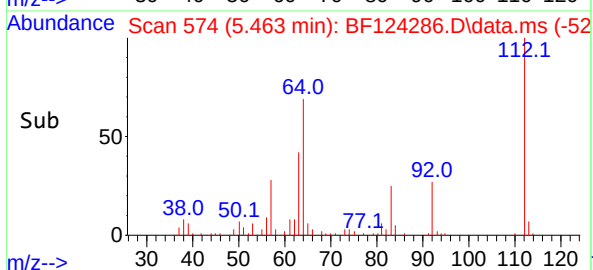
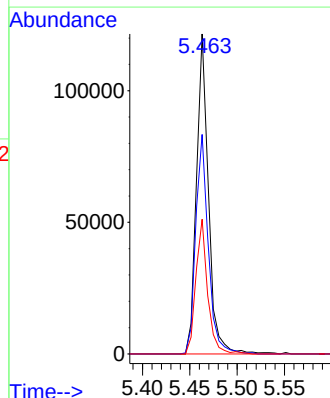
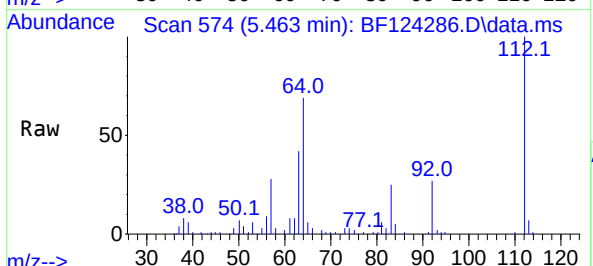
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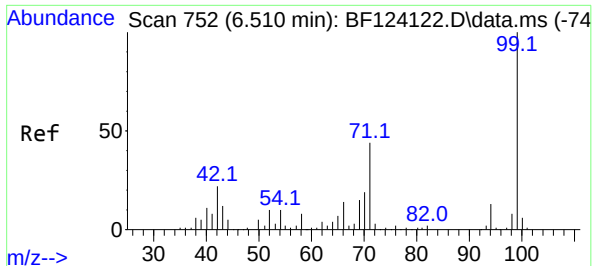
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#5
2-Fluorophenol
Concen: 43.473 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:112 Resp: 107599
Ion Ratio Lower Upper
112 100
64 68.6 61.4 92.0
63 42.1 33.0 49.4





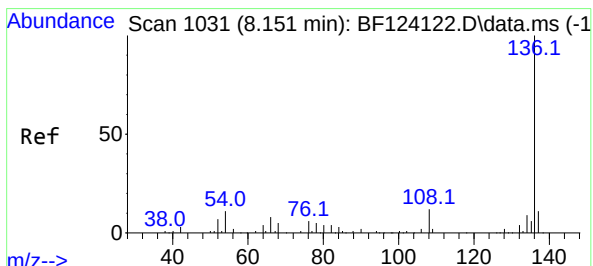
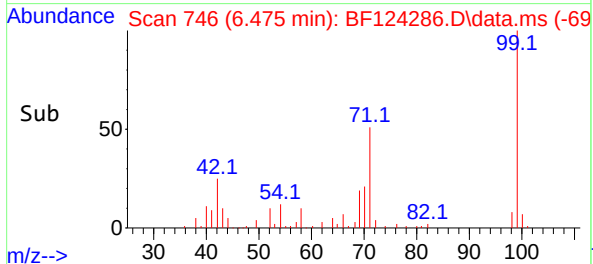
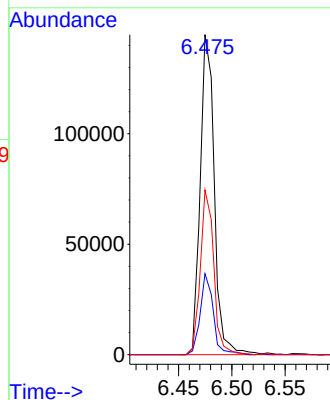
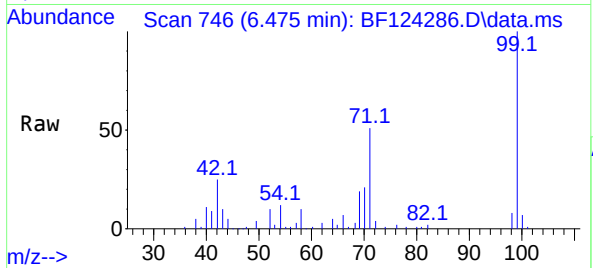
#7
Phenol-d6
Concen: 40.310 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.023 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion: 99 Resp: 134105
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 51.4 31.1 46.7#

Instrument :
BNA_F
ClientSampleId :
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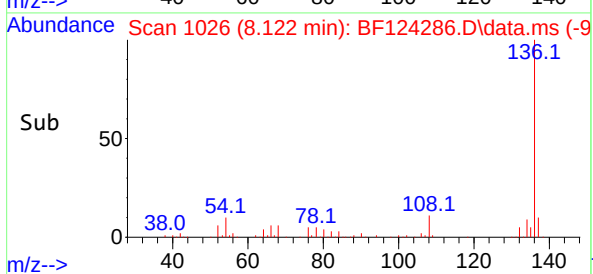
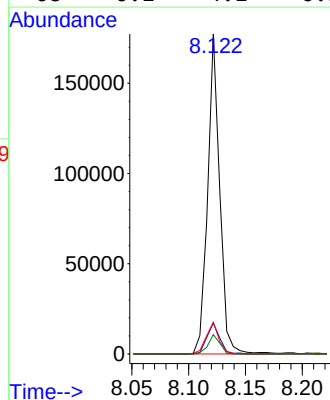
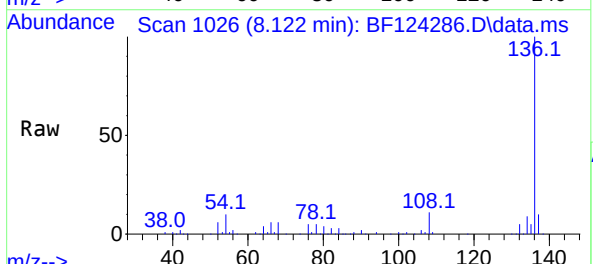
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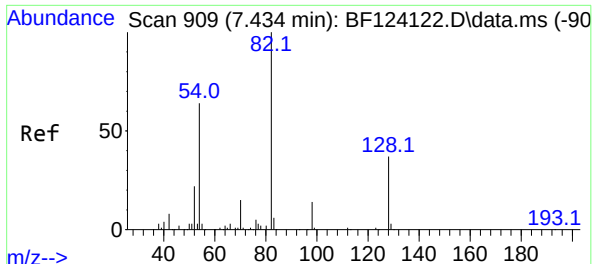
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

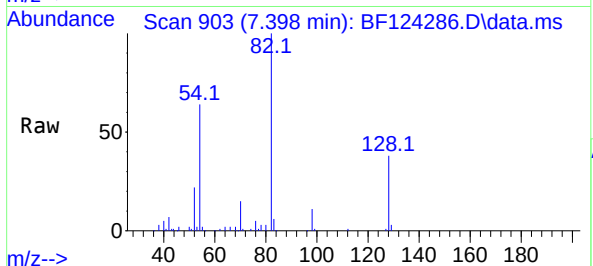
Tgt Ion: 136 Resp: 130527
Ion Ratio Lower Upper
136 100
137 9.7 8.7 13.1
54 10.0 9.8 14.6
68 6.1 4.1 6.1





#23
Nitrobenzene-d5
Concen: 32.203 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.018 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

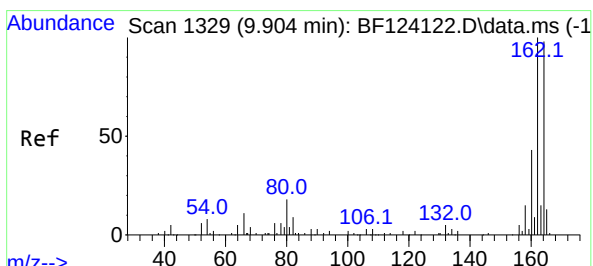
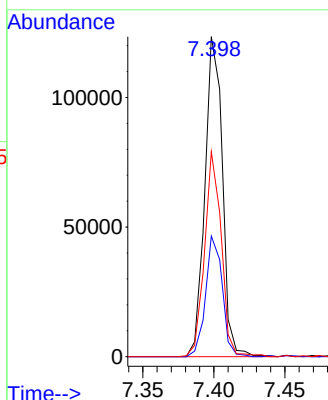
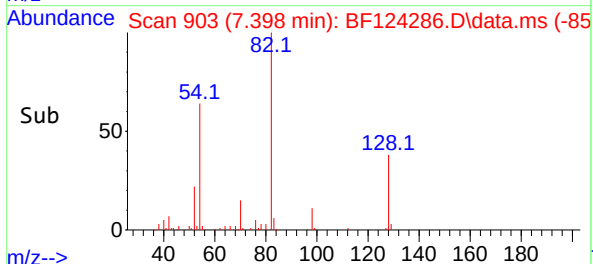
Instrument :
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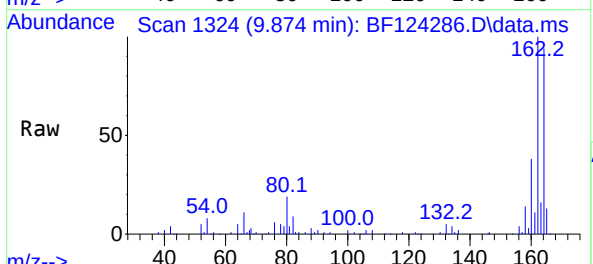
Tgt Ion: 82 Resp: 105981
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 64.1 54.1 81.1

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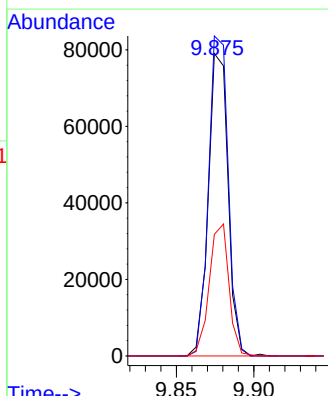
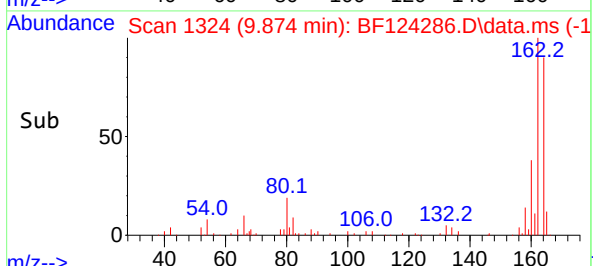
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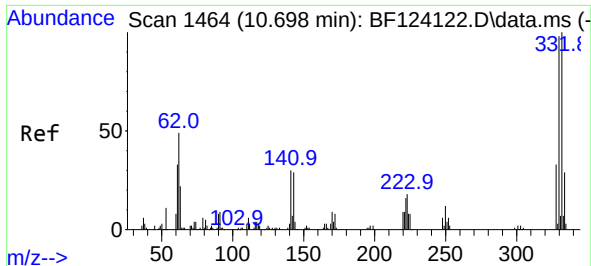


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05



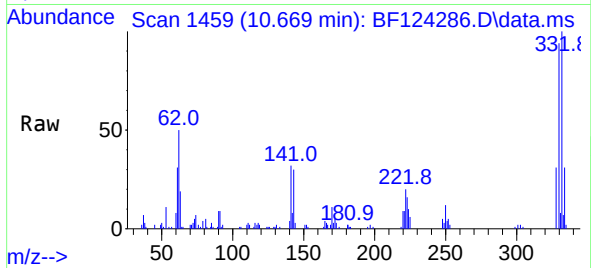
Tgt Ion: 164 Resp: 70077
Ion Ratio Lower Upper
164 100
162 105.8 80.7 121.1
160 40.2 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 34.027 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

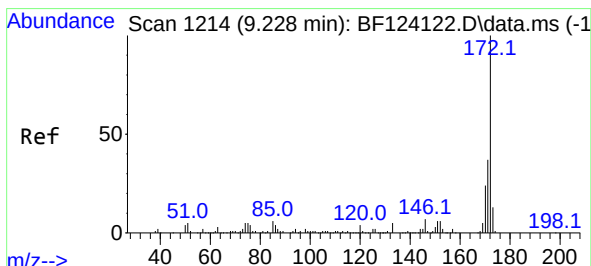
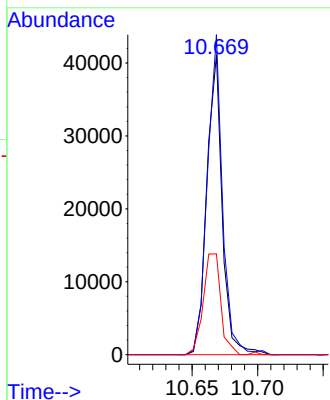
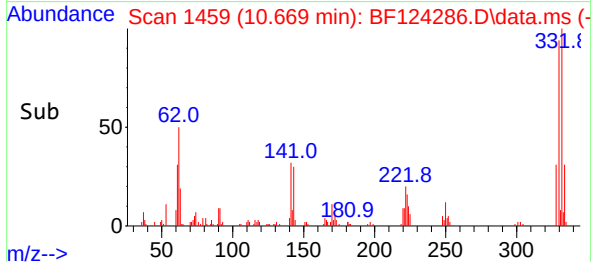
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ClientSampleId :
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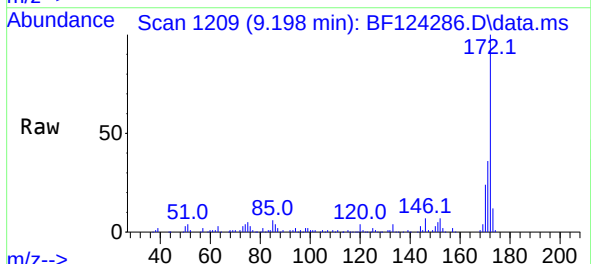
Tgt Ion: 330 Resp: 33783
Ion Ratio Lower Upper
330 100
332 104.9 77.1 115.7
141 38.4 27.9 41.9

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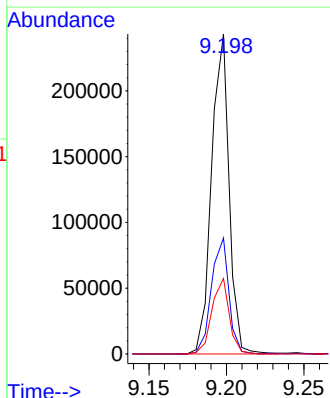
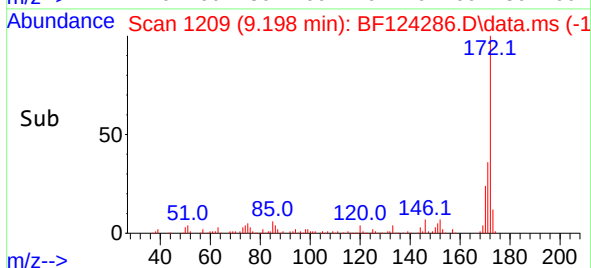
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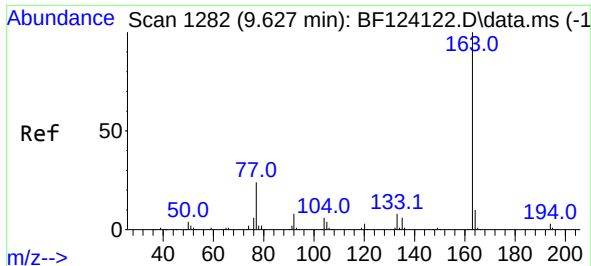


#45
2-Fluorobiphenyl
Concen: 34.251 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05



Tgt Ion: 172 Resp: 190742
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.6 19.2 28.8





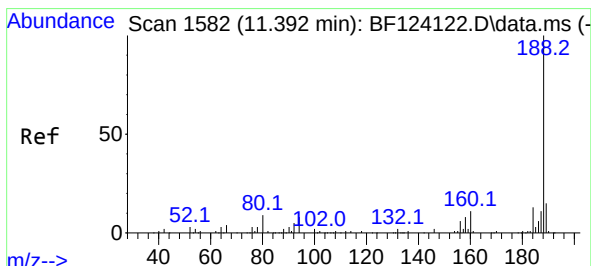
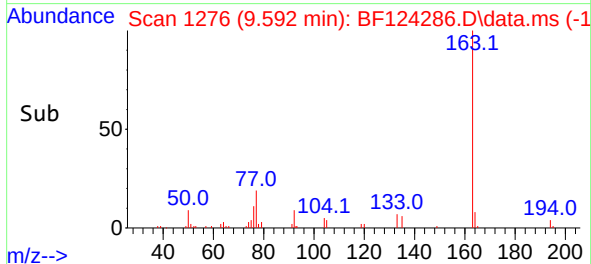
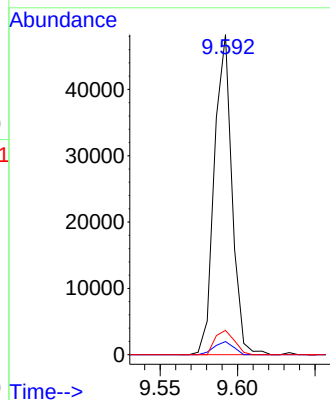
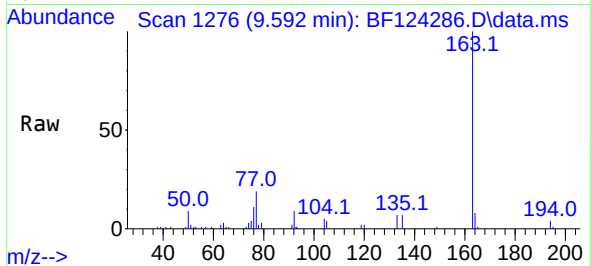
#50
Dimethylphthalate
Concen: 6.582 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.023 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:163 Resp: 38161
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 7.6 8.2 12.2#

Instrument :
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ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

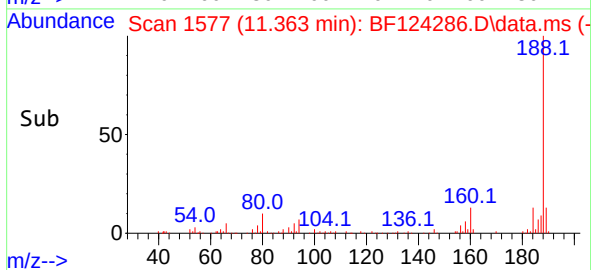
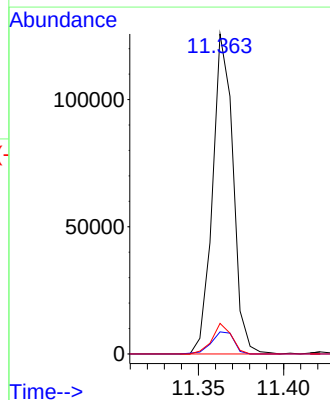
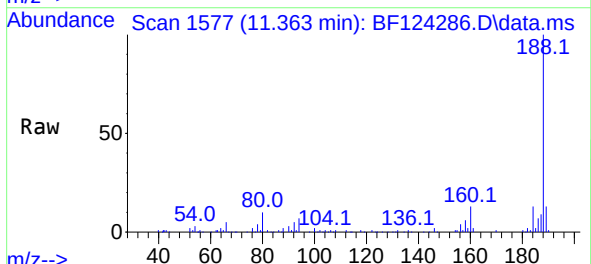
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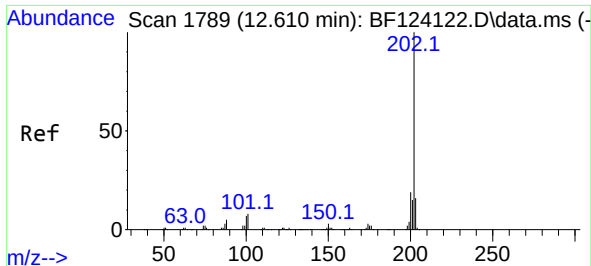
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:188 Resp: 105277
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.6 8.2 12.2





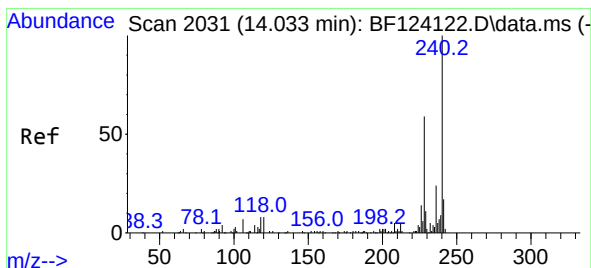
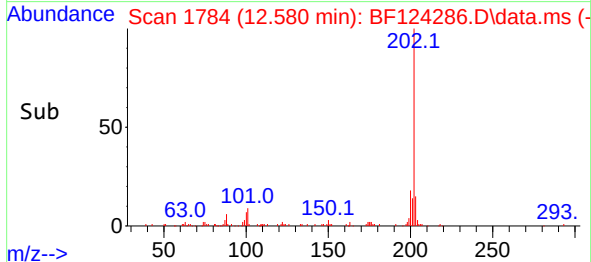
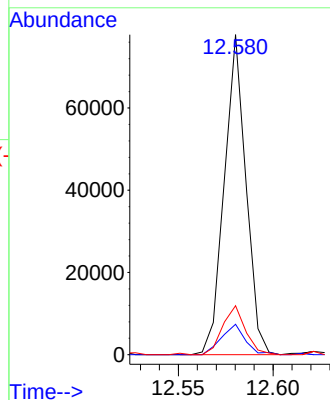
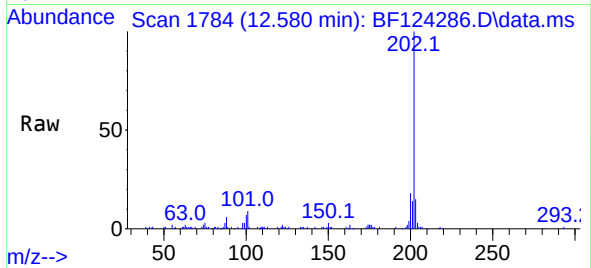
#75
Fluoranthene
Concen: 8.985 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	202	Resp:	62023
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.9
203	15.3	0.0	37.5

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DEP-CRANE-PAD-EXCAVATION

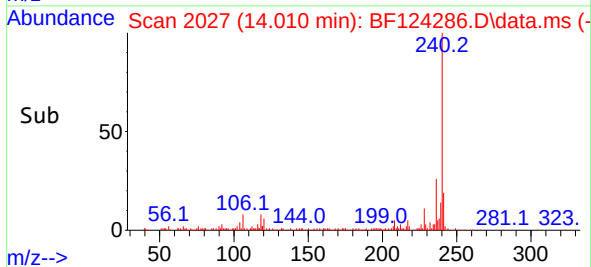
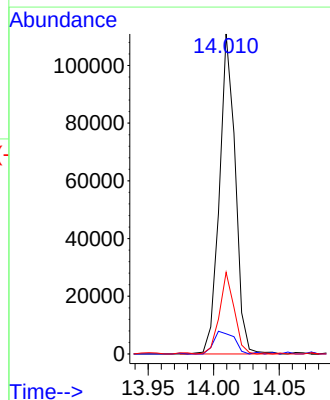
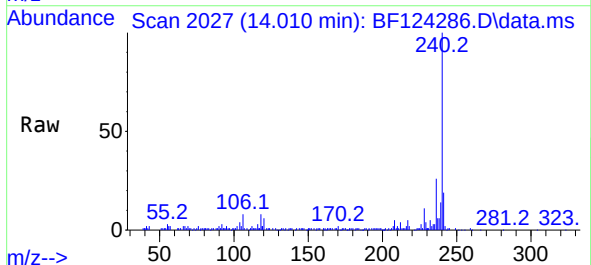
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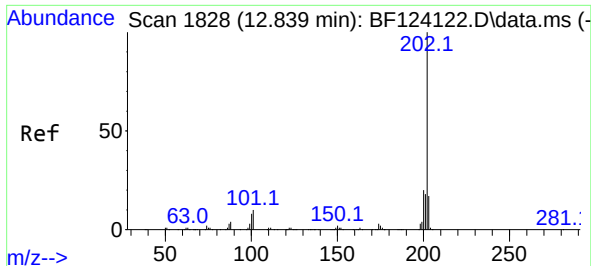
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	240	Resp:	93283
Ion Ratio	Lower	Upper	
240	100		
120	6.3	7.2	10.8
236	25.5	19.0	28.4





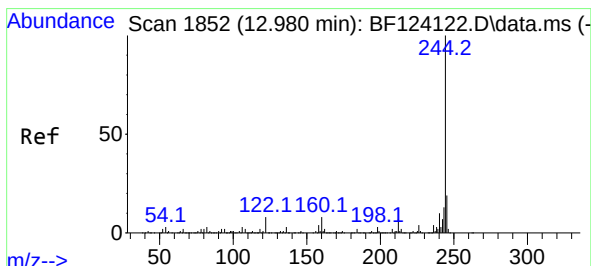
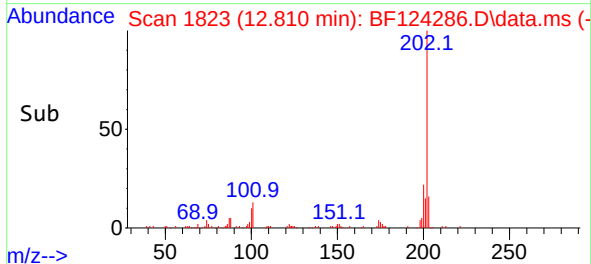
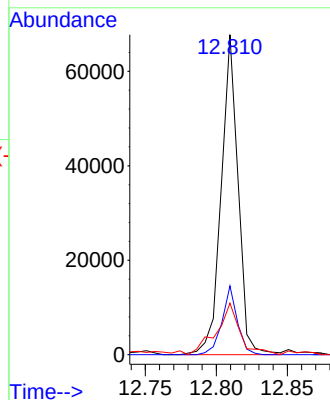
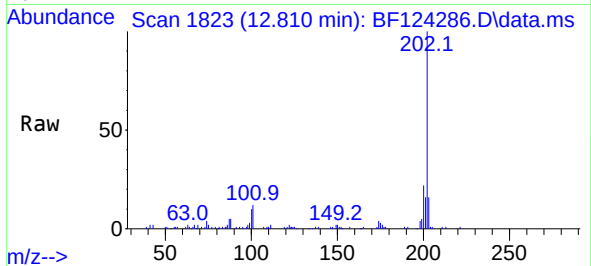
#78
Pyrene
Concen: 6.263 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	202	Resp:	56103
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.1	24.1
203	16.1	14.8	22.2

Instrument :
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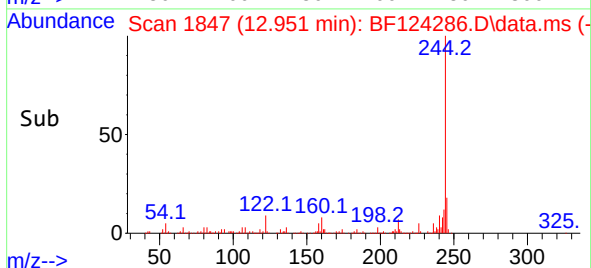
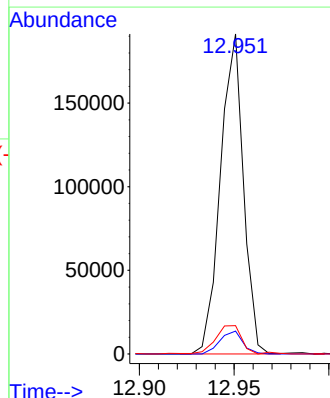
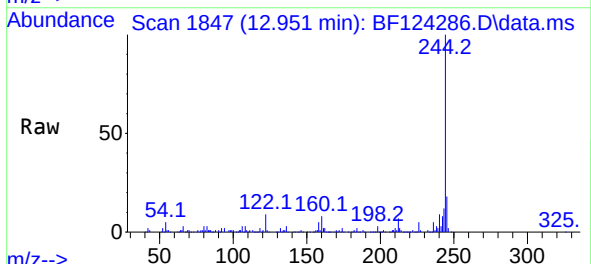
Manual Integrations
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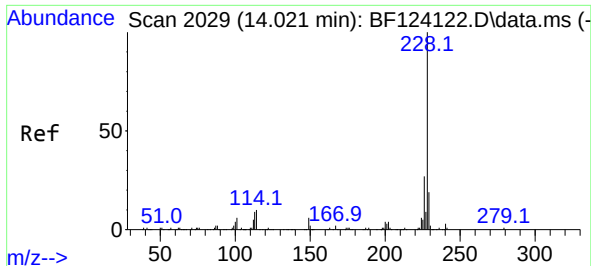
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#79
Terphenyl-d14
Concen: 23.739 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	244	Resp:	161292
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	8.9	9.7	14.5#





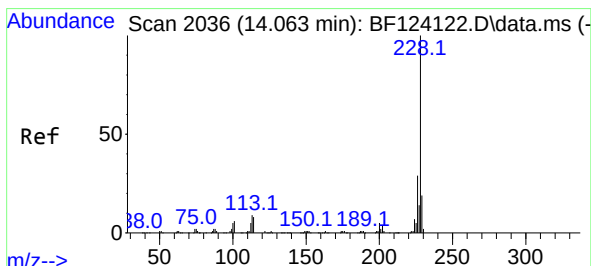
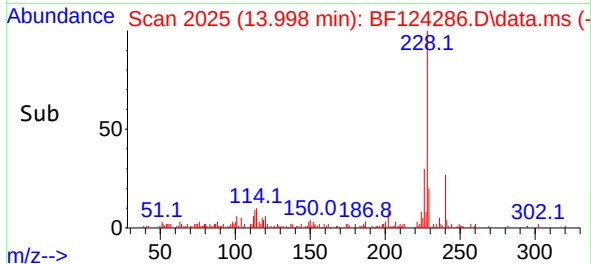
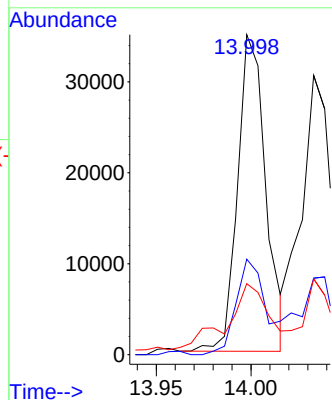
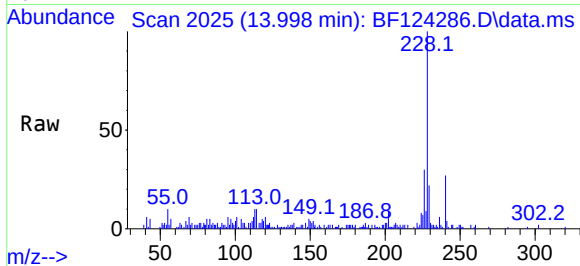
#81
Benzo(a)anthracene
Concen: 5.299 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	228	Resp:	36013
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.4	33.6
229	22.2	16.0	24.0

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

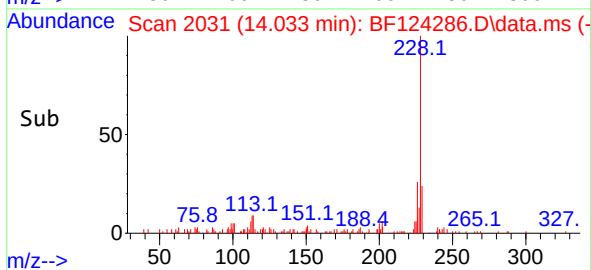
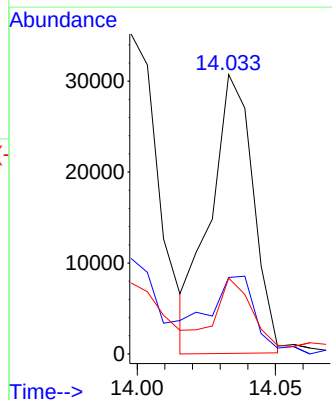
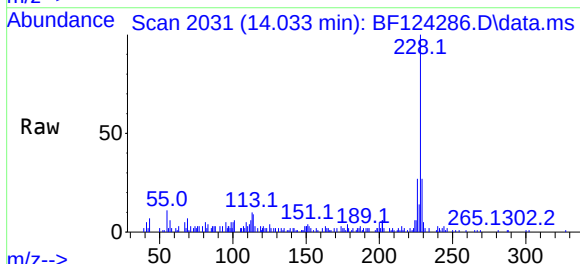
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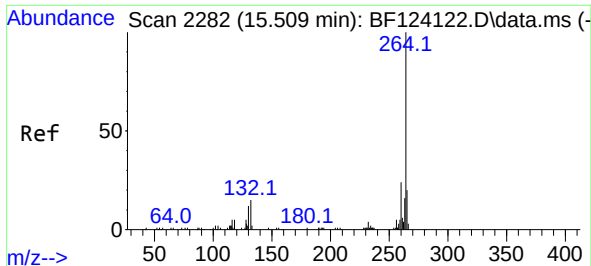
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#83
Chrysene
Concen: 5.057 ng m
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	228	Resp:	33154
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.3	36.5
229	27.2	16.2	24.2#





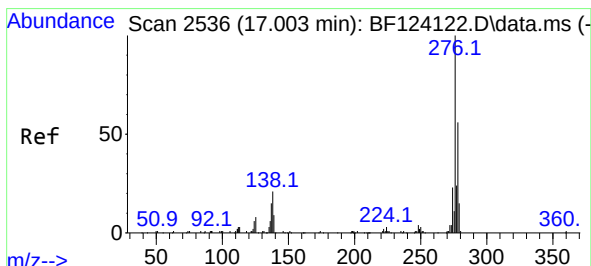
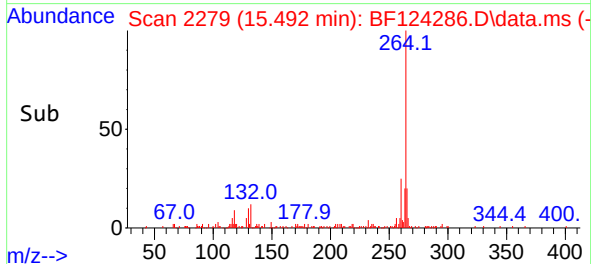
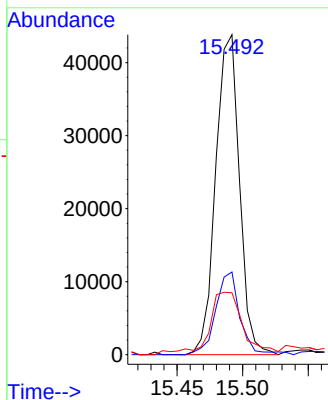
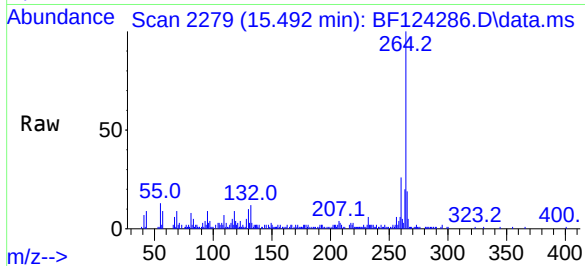
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion: 264 Resp: 55212
Ion Ratio Lower Upper
264 100
260 25.8 18.7 28.1
265 19.4 17.8 26.8

Instrument :
BNA_F
ClientSampleId :
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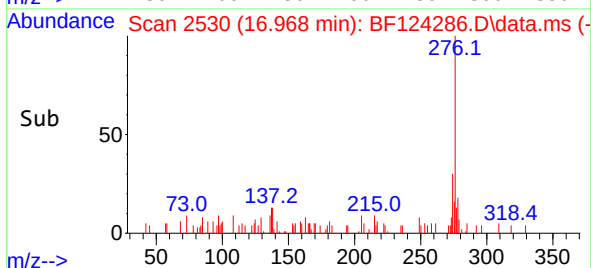
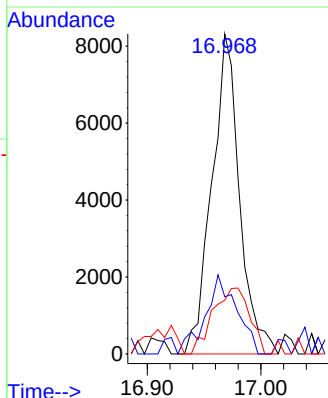
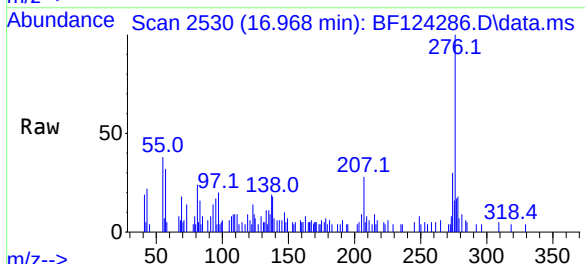
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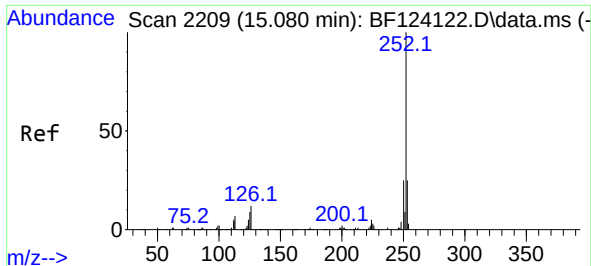
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.122 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion: 276 Resp: 14077
Ion Ratio Lower Upper
276 100
138 27.8 16.2 24.2#
277 27.3 20.1 30.1





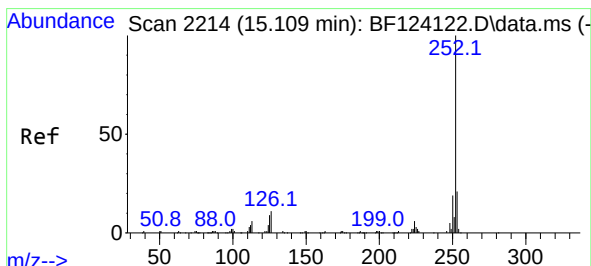
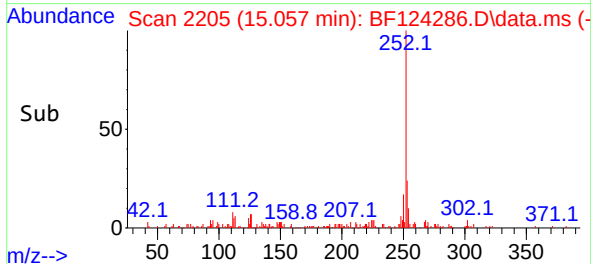
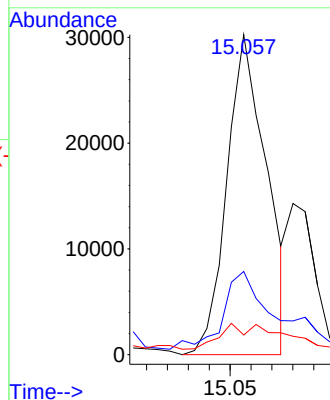
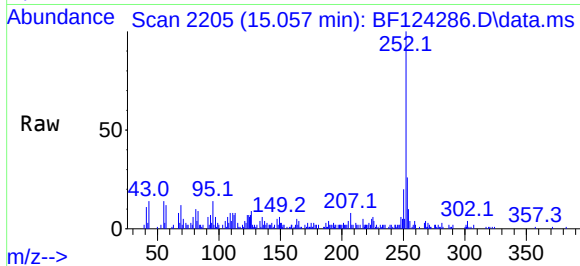
#88
Benzo(b)fluoranthene
Concen: 9.322 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	252	Resp:	39983
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.1	27.1
125	7.4	6.2	9.4

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

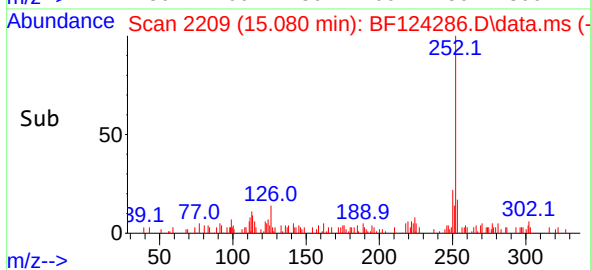
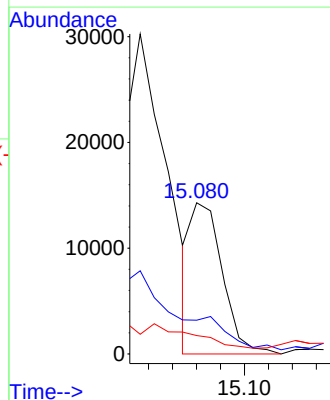
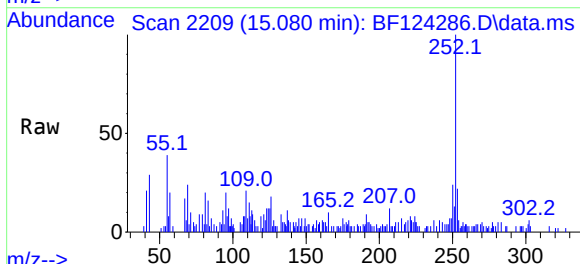
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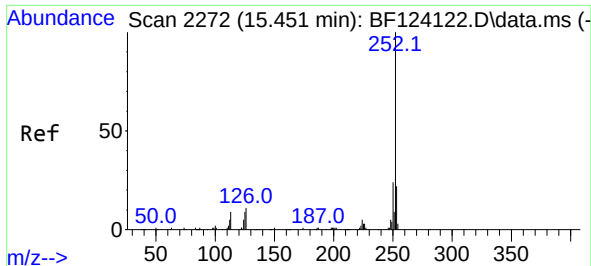
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#89
Benzo(k)fluoranthene
Concen: 3.208 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	252	Resp:	13024
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	12.2	7.0	10.6#





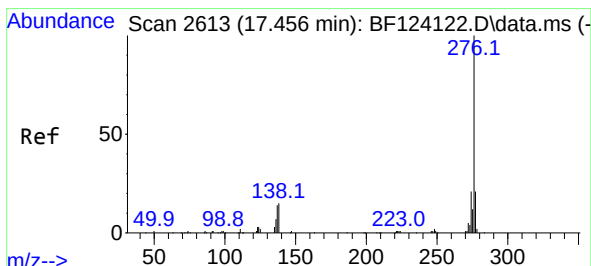
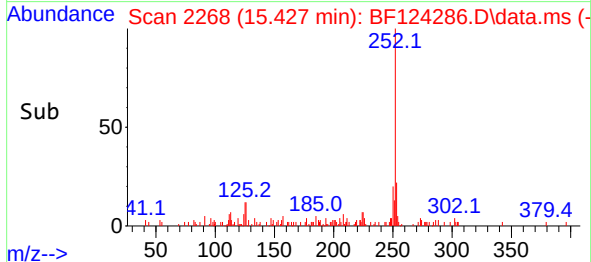
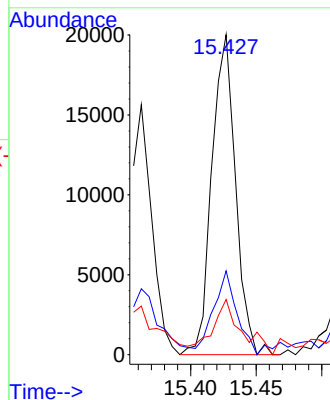
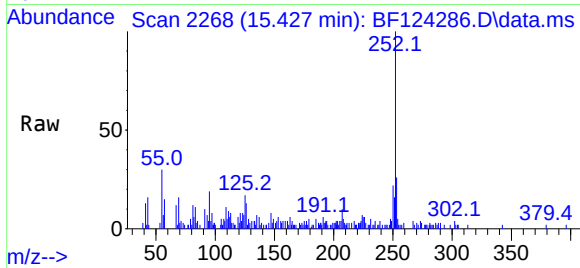
#90
Benzo(a)pyrene
Concen: 6.763 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	252	Resp:	25192
Ion Ratio	Lower	Upper	
252	100		
253	26.2	18.4	27.6
125	17.3	8.0	12.0#

Instrument :
BNA_F
ClientSampleId :
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6/14/2021 5:50:38 PM



#92
Benzo(g,h,i)perylene
Concen: 7.338 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124286.D
Acq: 12 Jun 2021 15:05

Tgt Ion:	276	Resp:	14842
Ion Ratio	Lower	Upper	
276	100		
277	17.9	18.2	27.2#
138	19.7	13.8	20.6

