

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124244.D
 Acq On : 10 Jun 2021 21:28
 Operator : JU/CG
 Sample : M2651-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-ED-EXCAVATION

Quant Time: Jun 11 01:26:17 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)

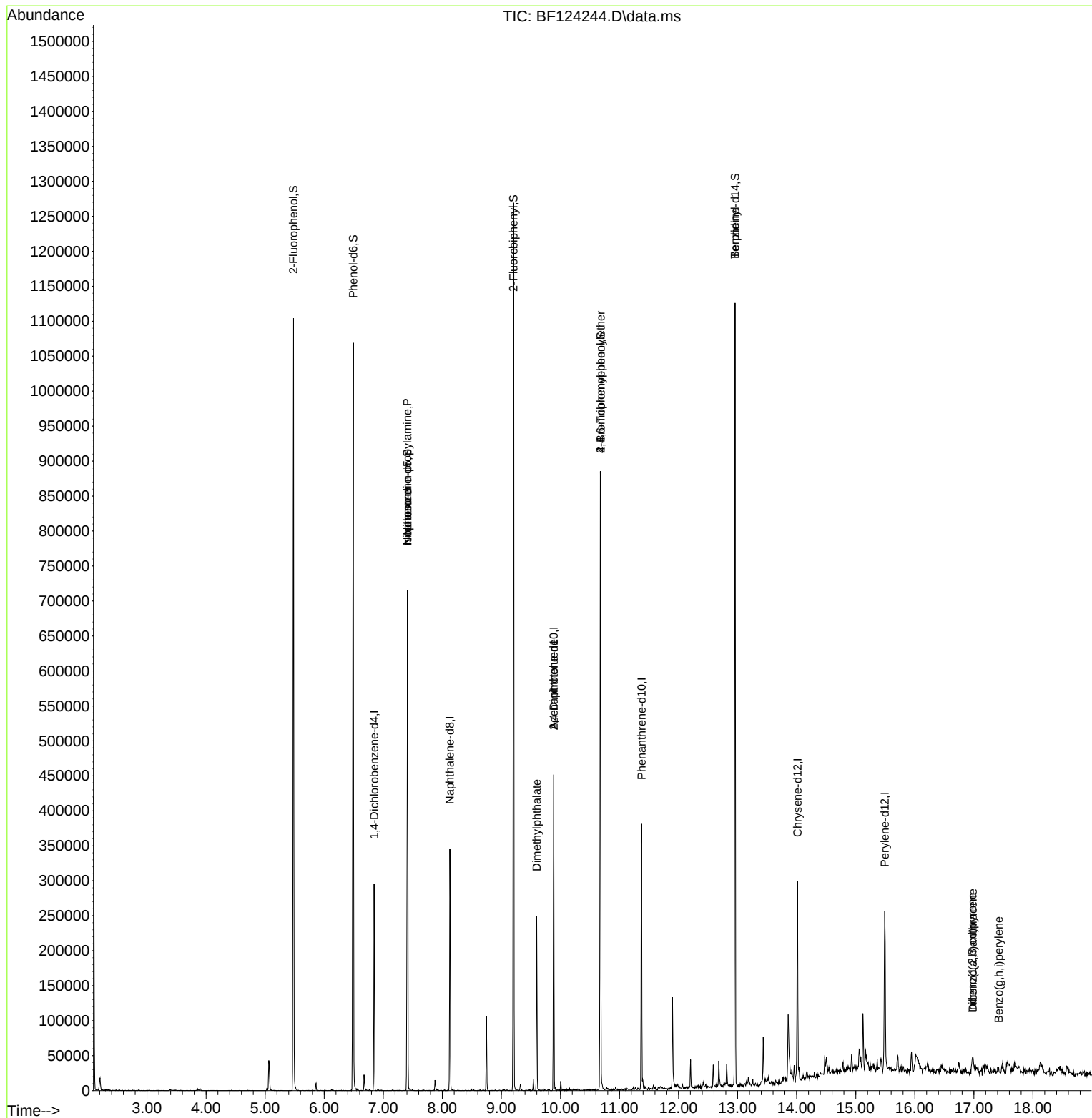
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33388	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	135379	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	74015	20.00	ng	0.00
64) Phenanthrene-d10	11.375	188	134052	20.00	ng	# 0.00
76) Chrysene-d12	14.016	240	88921	20.00	ng	# 0.00
86) Perylene-d12	15.492	264	89837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	230330	103.85	ng	0.00
7) Phenol-d6	6.493	99	287456	96.42	ng	0.00
23) Nitrobenzene-d5	7.410	82	213073	62.42	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	96187	91.73	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	348106	59.18	ng	0.00
79) Terphenyl-d14	12.957	244	319956	49.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	30540	14.51	ng	# 63
25) Isophorone	7.410	82	213070	34.64	ng	# 69
50) Dimethylphthalate	9.598	163	77157	12.60	ng	97
57) 2,4-Dinitrotoluene	9.886	165	10572	5.71	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	6802	3.70	ng	# 1
77) Benzidine	12.957	184	6252	6.82	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	4593	4.89	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	574	4.26	ng	# 1
92) Benzo(g,h,i)perylene	17.421	276	4582	4.48	ng	# 74

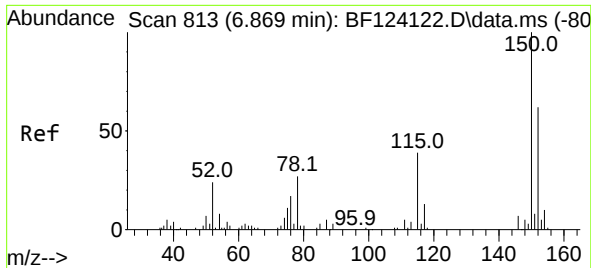
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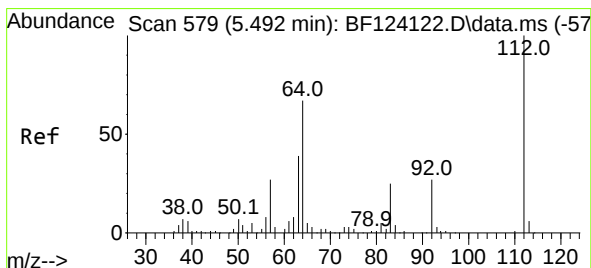
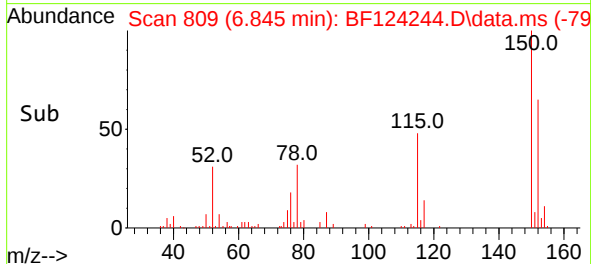
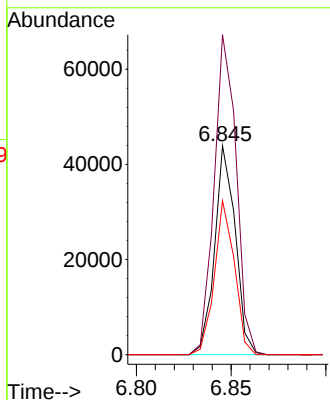
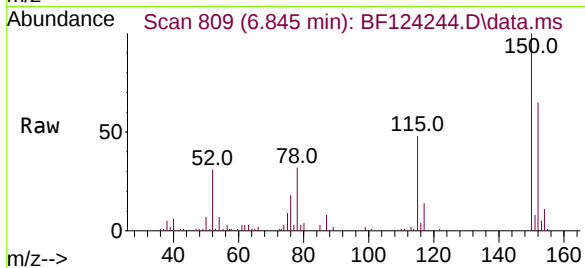




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

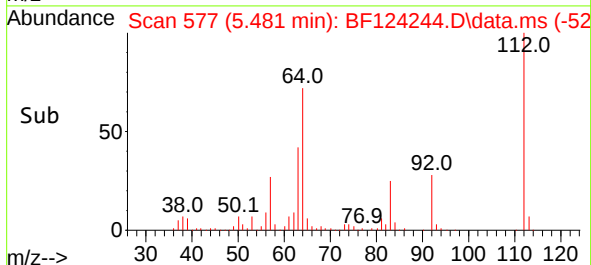
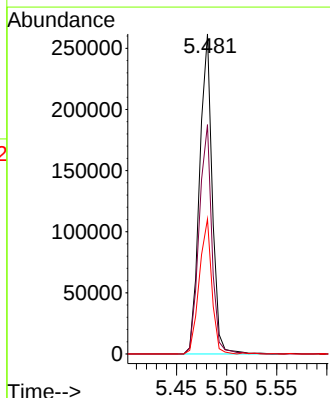
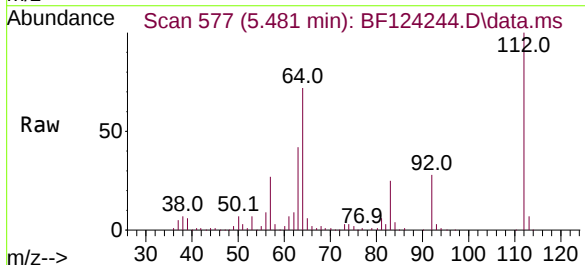
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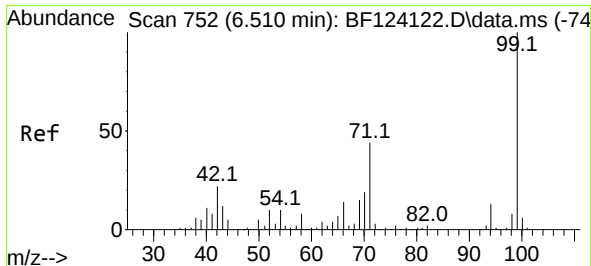
Tgt Ion:152 Resp: 33388
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 73.7 54.3 81.5



#5
2-Fluorophenol
Concen: 103.85 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion:112 Resp: 230330
Ion Ratio Lower Upper
112 100
64 71.7 61.4 92.0
63 42.2 33.0 49.4

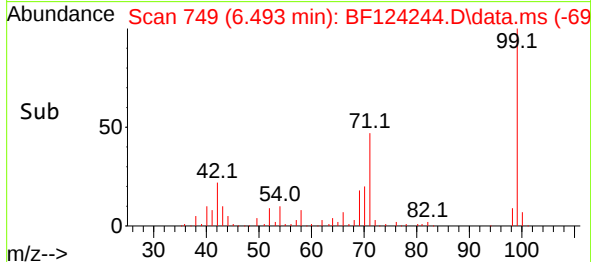
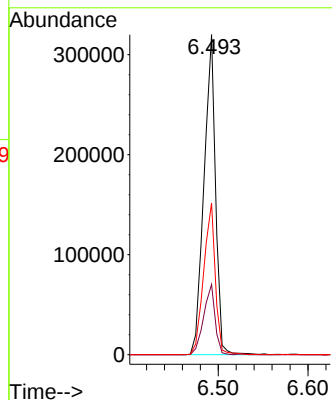
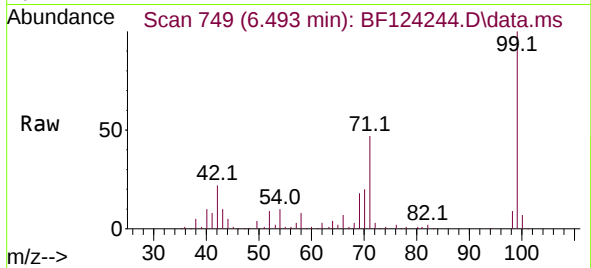




#7
Phenol-d6
Concen: 96.42 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

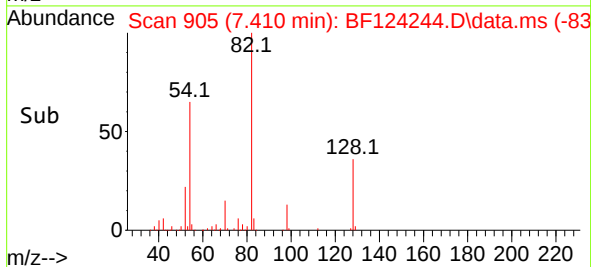
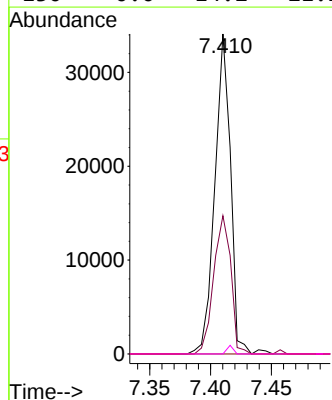
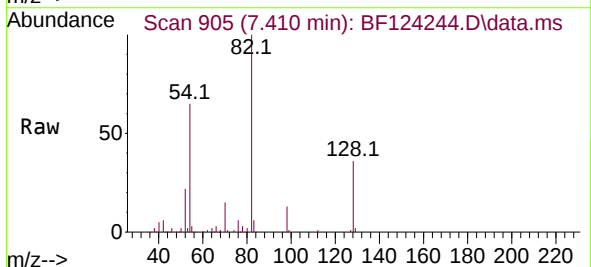
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ClientSampleId :
CON-ED-EXCAVATION

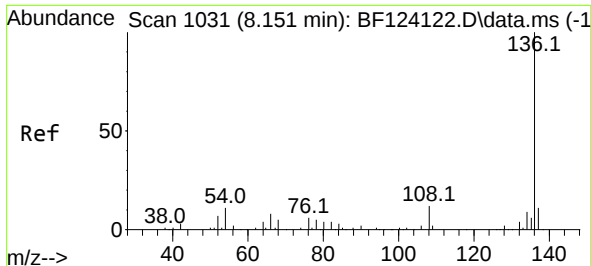
Tgt Ion: 99 Resp: 287456
Ion Ratio Lower Upper
99 100
42 21.9 19.8 29.8
71 47.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.51 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

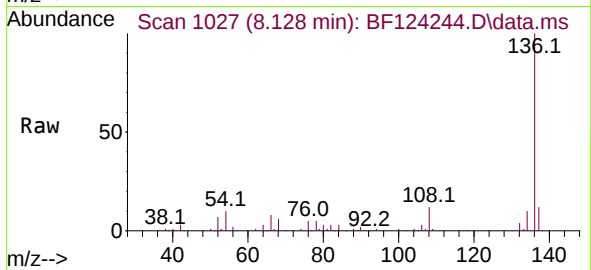
Tgt Ion: 70 Resp: 30540
Ion Ratio Lower Upper
70 100
42 43.2 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



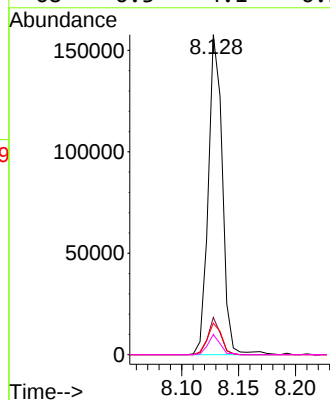
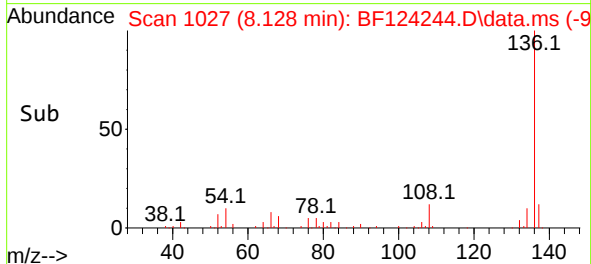


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

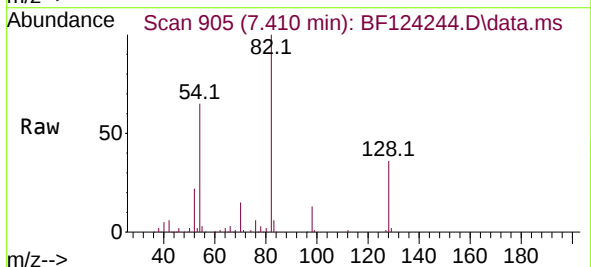
Instrument :
BNA_F
ClientSampleId :
CON-ED-EXCAVATION



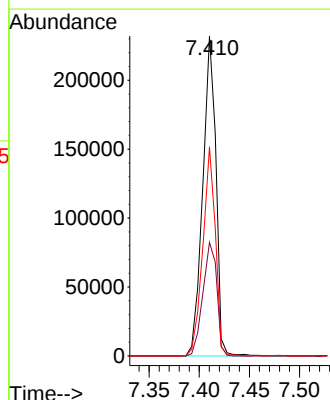
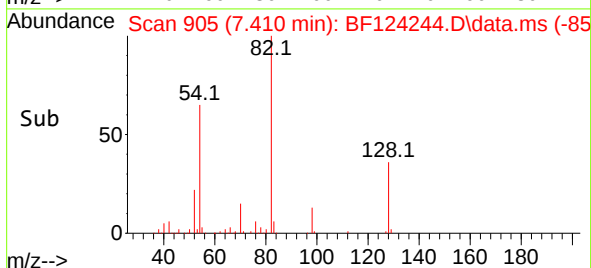
Tgt Ion:136 Resp: 135379
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 9.9 9.8 14.6
68 6.3 4.1 6.1#

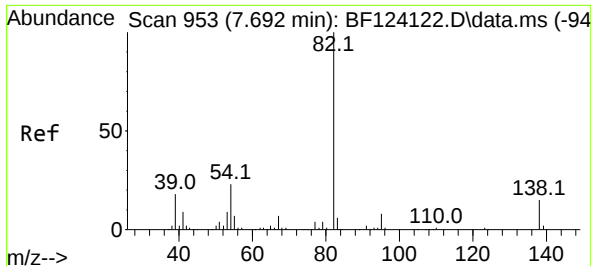


#23
Nitrobenzene-d5
Concen: 62.42 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28



Tgt Ion: 82 Resp: 213073
Ion Ratio Lower Upper
82 100
128 35.5 29.4 44.2
54 65.3 54.1 81.1

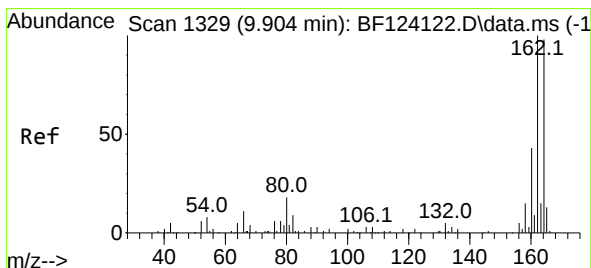
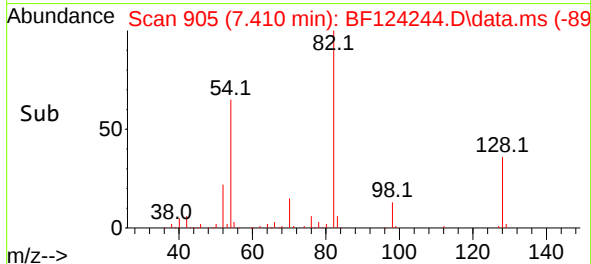
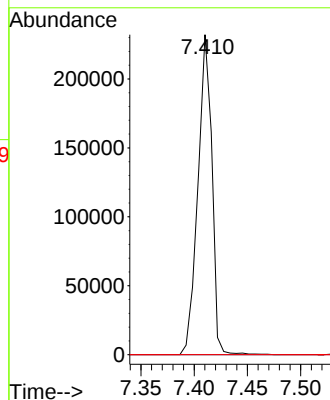
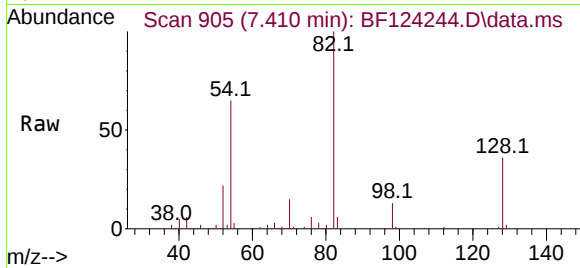




#25
Isophorone
Concen: 34.64 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

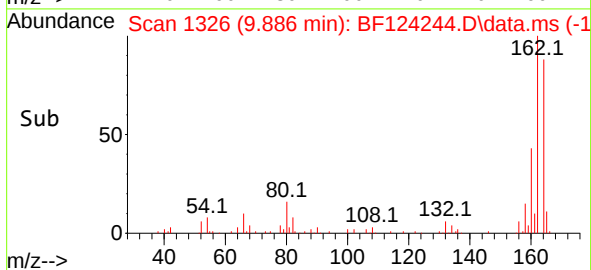
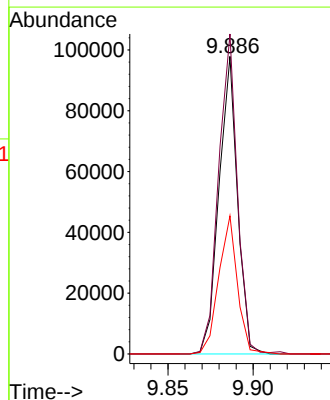
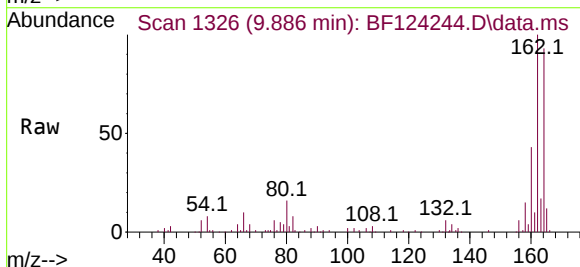
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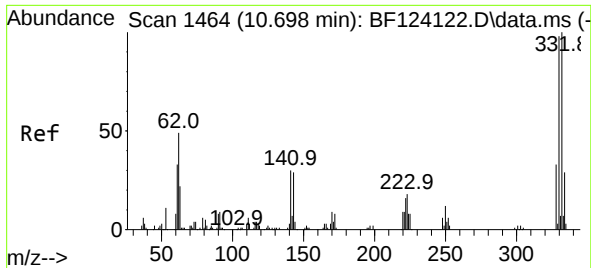
Tgt Ion: 82 Resp: 213070
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion: 164 Resp: 74015
Ion Ratio Lower Upper
164 100
162 107.5 80.7 121.1
160 46.4 37.3 55.9

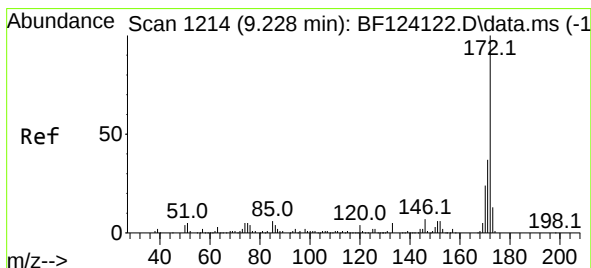
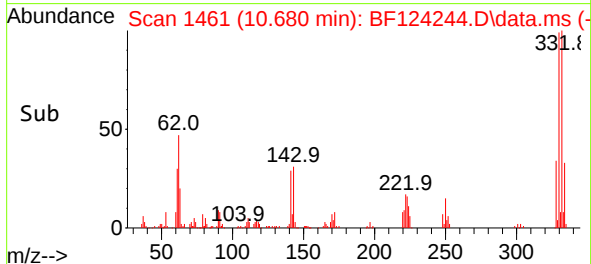
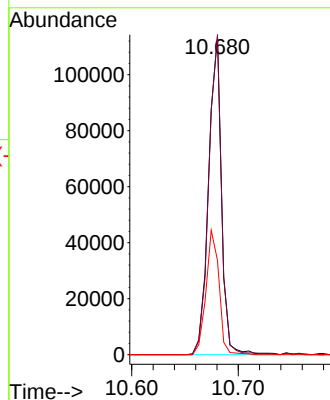
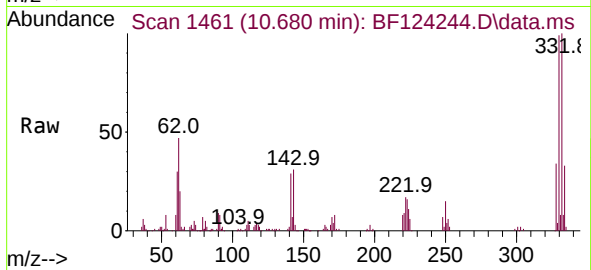




#42
2,4,6-Tribromophenol
Concen: 91.73 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

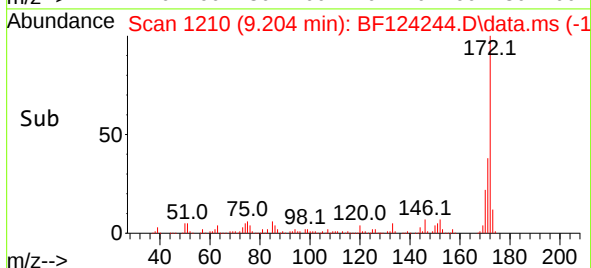
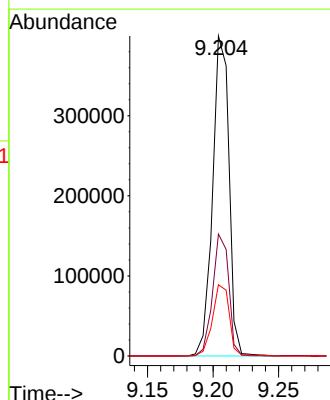
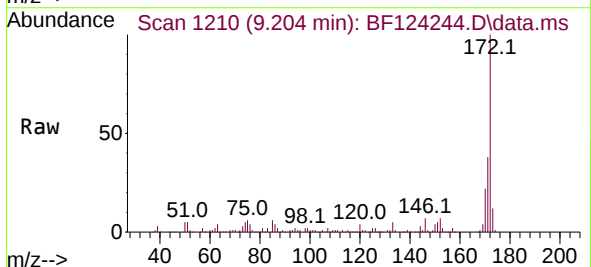
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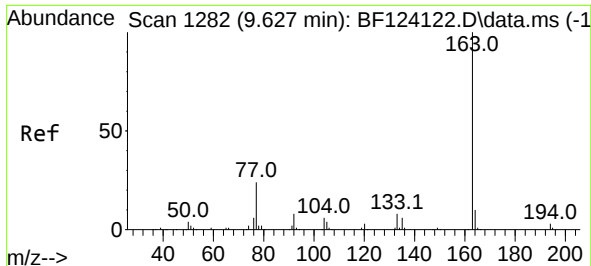
Tgt Ion: 330 Resp: 96187
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 59.18 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion: 172 Resp: 348106
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 22.3 19.2 28.8

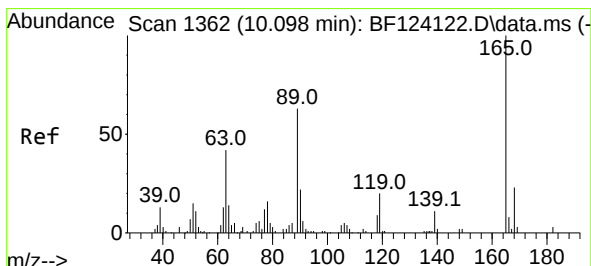
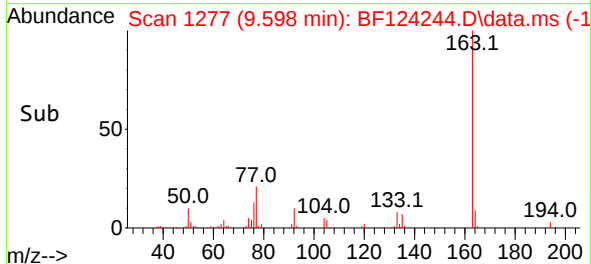
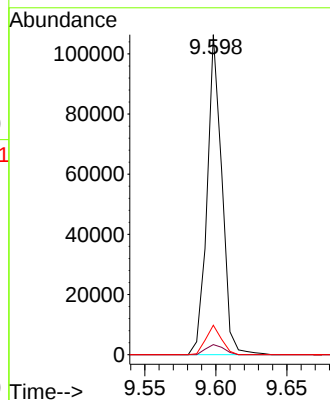
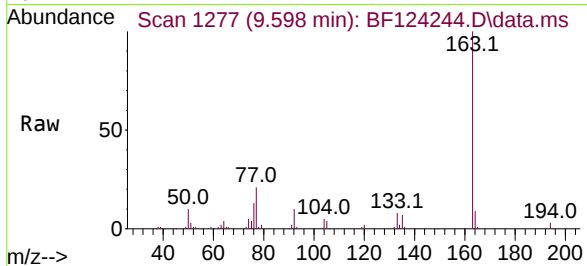




#50
Dimethylphthalate
Concen: 12.60 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

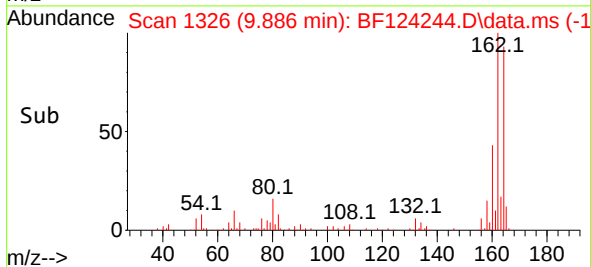
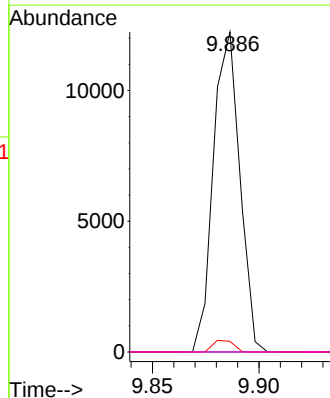
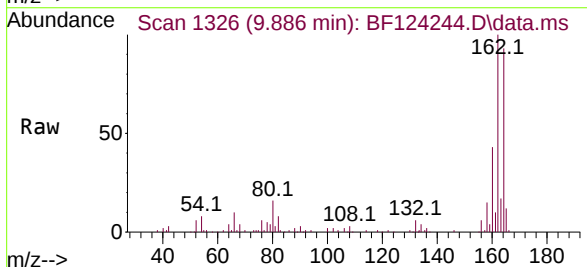
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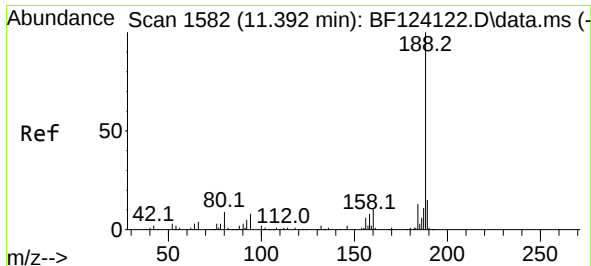
Tgt Ion:163 Resp: 77157
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7
164 9.2 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion:165 Resp: 10572
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.3 67.7 101.5#
182 0.0 2.1 3.1#

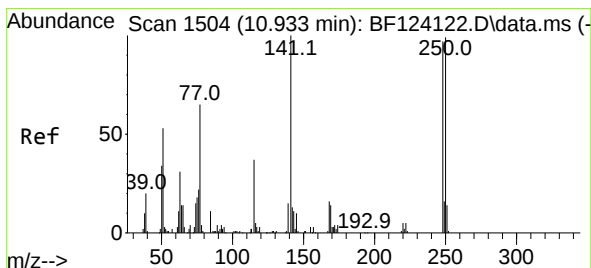
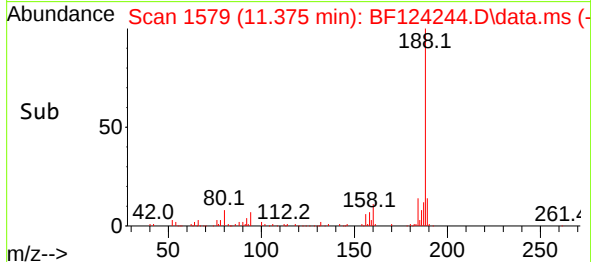
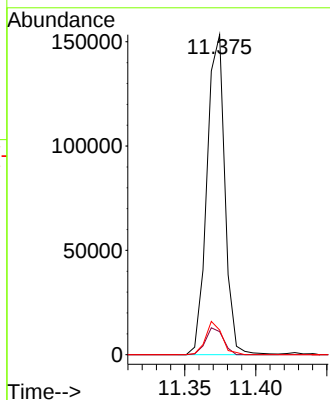
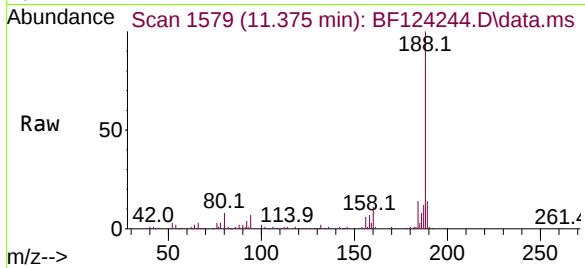




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

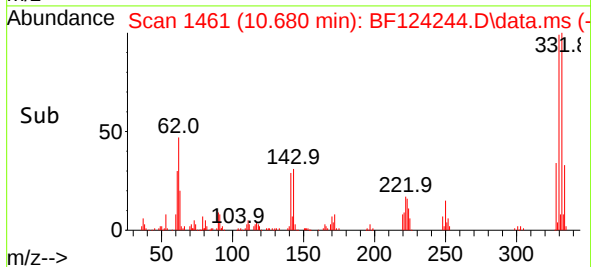
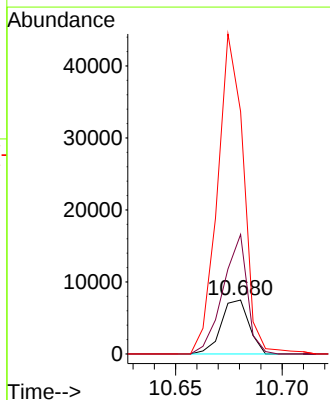
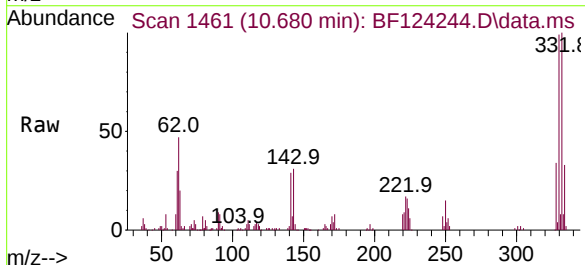
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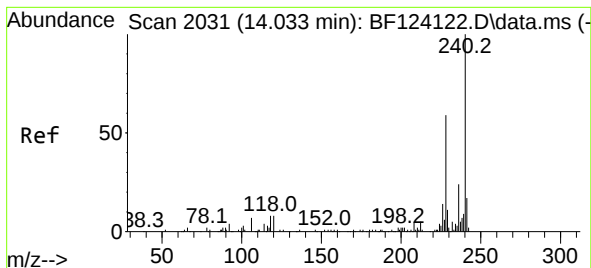
Tgt Ion:188 Resp: 134052
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.7 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion:248 Resp: 6802
Ion Ratio Lower Upper
248 100
250 222.0 77.4 116.2#
141 450.1 63.7 95.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF124244.D

Acq: 10 Jun 2021 21:28

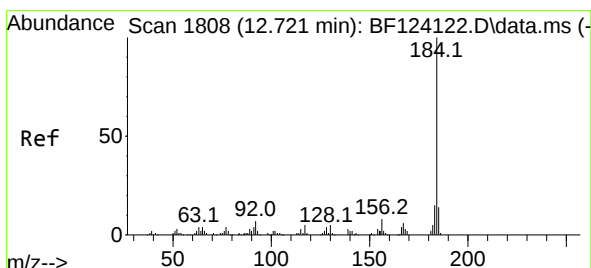
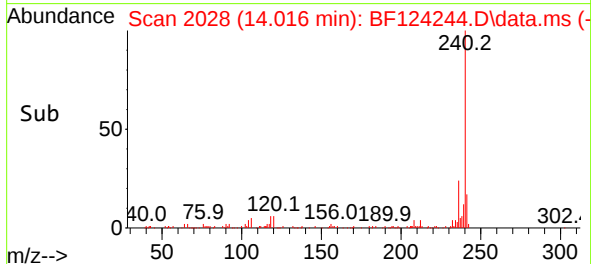
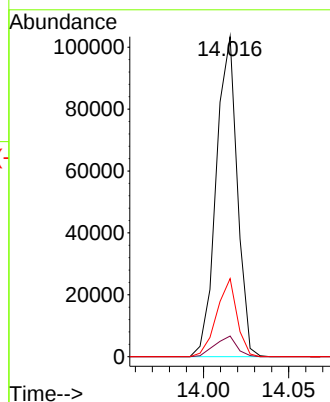
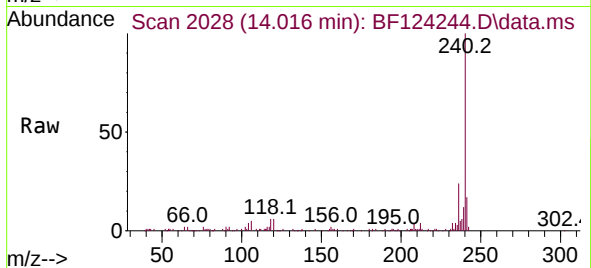
Tgt Ion:240	Resp:	88921
Ion Ratio	Lower	Upper
240	100	
120	6.4	7.2 10.8#
236	24.4	19.0 28.4

Instrument :

BNA_F

ClientSampleId :

CON-ED-EXCAVATION



#77

Benzidine

Concen: 6.82 ng

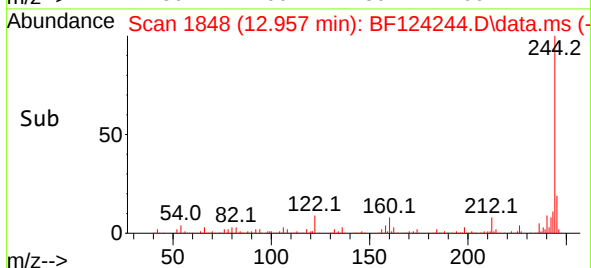
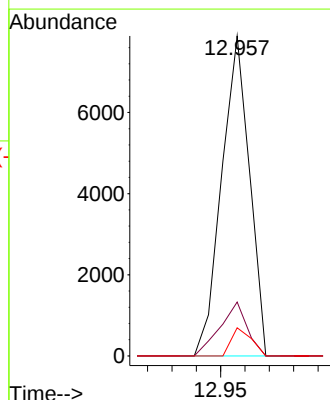
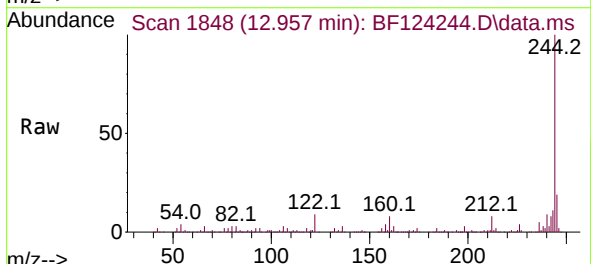
RT: 12.957 min Scan# 1848

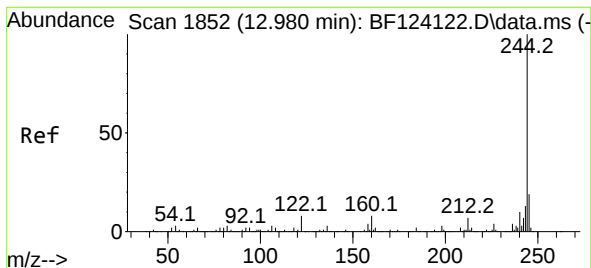
Delta R.T. 0.247 min

Lab File: BF124244.D

Acq: 10 Jun 2021 21:28

Tgt Ion:184	Resp:	6252
Ion Ratio	Lower	Upper
184	100	
185	16.9	12.1 18.1
183	8.8	7.8 11.8





#79

Terphenyl-d14

Concen: 49.40 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124244.D

Acq: 10 Jun 2021 21:28

Tgt Ion:244 Resp: 319956

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

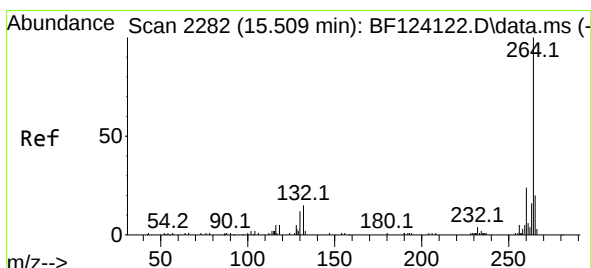
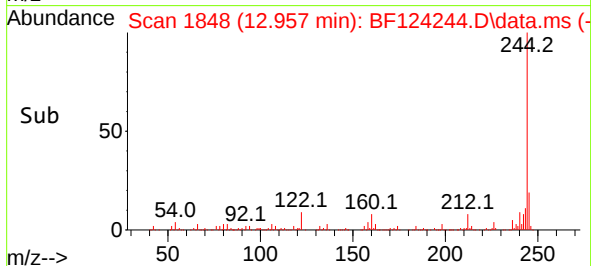
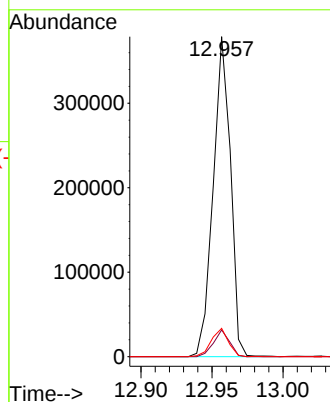
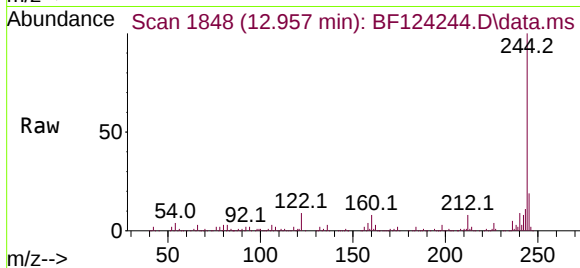
122 8.9 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

CON-ED-EXCAVATION



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF124244.D

Acq: 10 Jun 2021 21:28

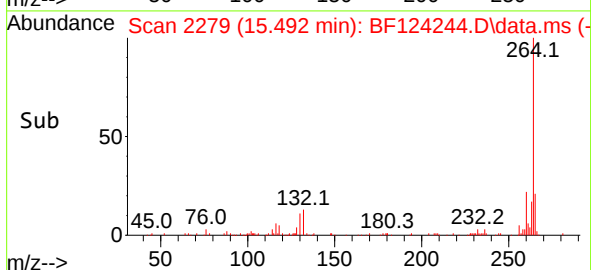
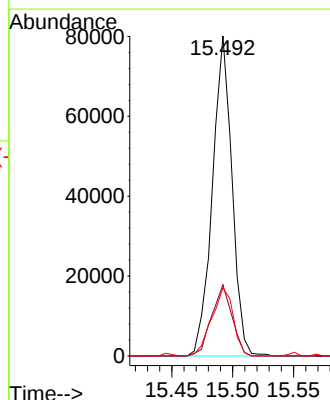
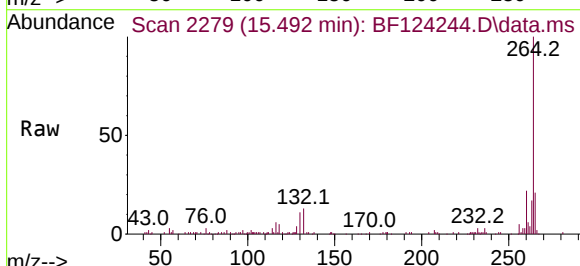
Tgt Ion:264 Resp: 89837

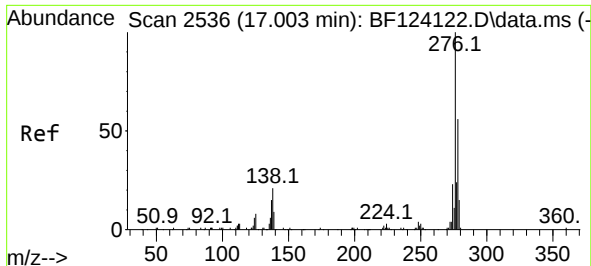
Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 21.3 17.8 26.8

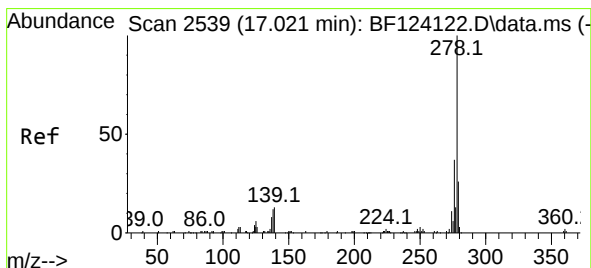
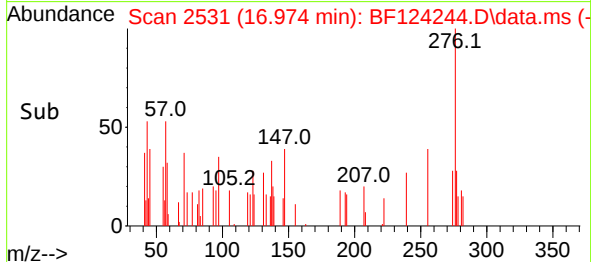
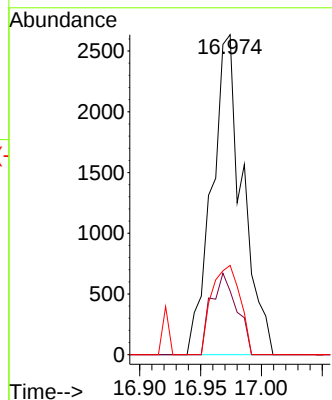
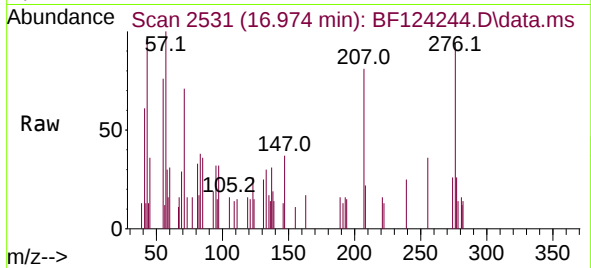




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.89 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

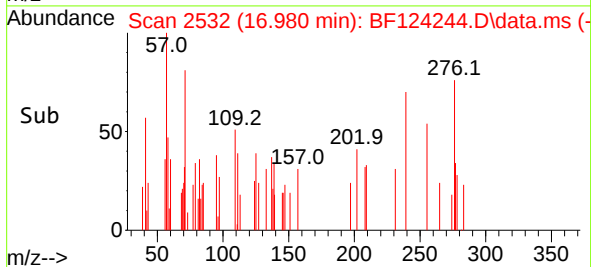
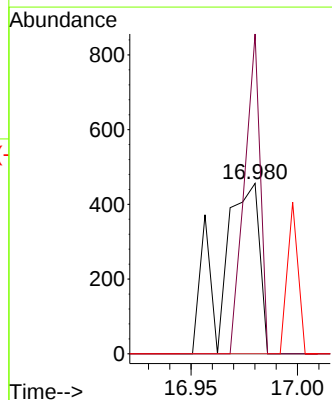
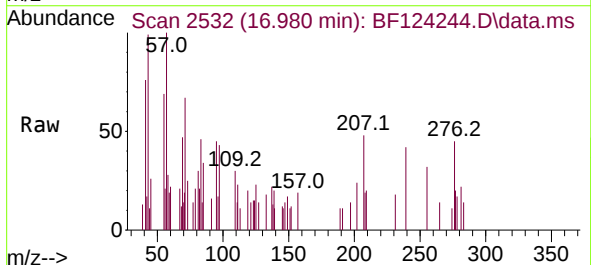
Instrument :
BNA_F
ClientSampleId :
CON-ED-EXCAVATION

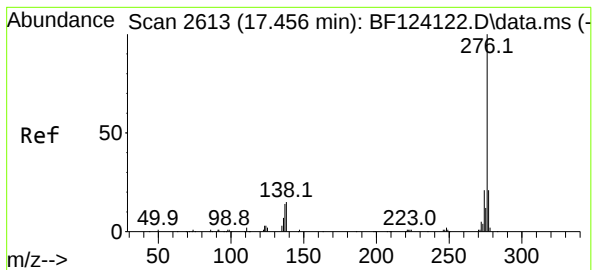
Tgt Ion:276 Resp: 4593
Ion Ratio Lower Upper
276 100
138 21.3 16.2 24.2
277 25.9 20.1 30.1



#91
Dibenzo(a,h)anthracene
Concen: 4.26 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF124244.D
Acq: 10 Jun 2021 21:28

Tgt Ion:278 Resp: 574
Ion Ratio Lower Upper
278 100
139 187.7 10.2 15.2#
279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.48 ng
 RT: 17.421 min Scan# 2607
 Delta R.T. -0.012 min
 Lab File: BF124244.D
 Acq: 10 Jun 2021 21:28

Instrument :
 BNA_F
 ClientSampleId :
 CON-ED-EXCAVATION

Tgt Ion:	276	Resp:	4582
Ion	Ratio	Lower	Upper
276	100		
277	15.2	18.2	27.2#
138	0.0	13.8	20.6#

