

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112221\
 Data File : BP008082.D
 Acq On : 22 Nov 2021 14:43
 Operator : CG/JU
 Sample : M4801-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119

Quant Time: Nov 23 01:22:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

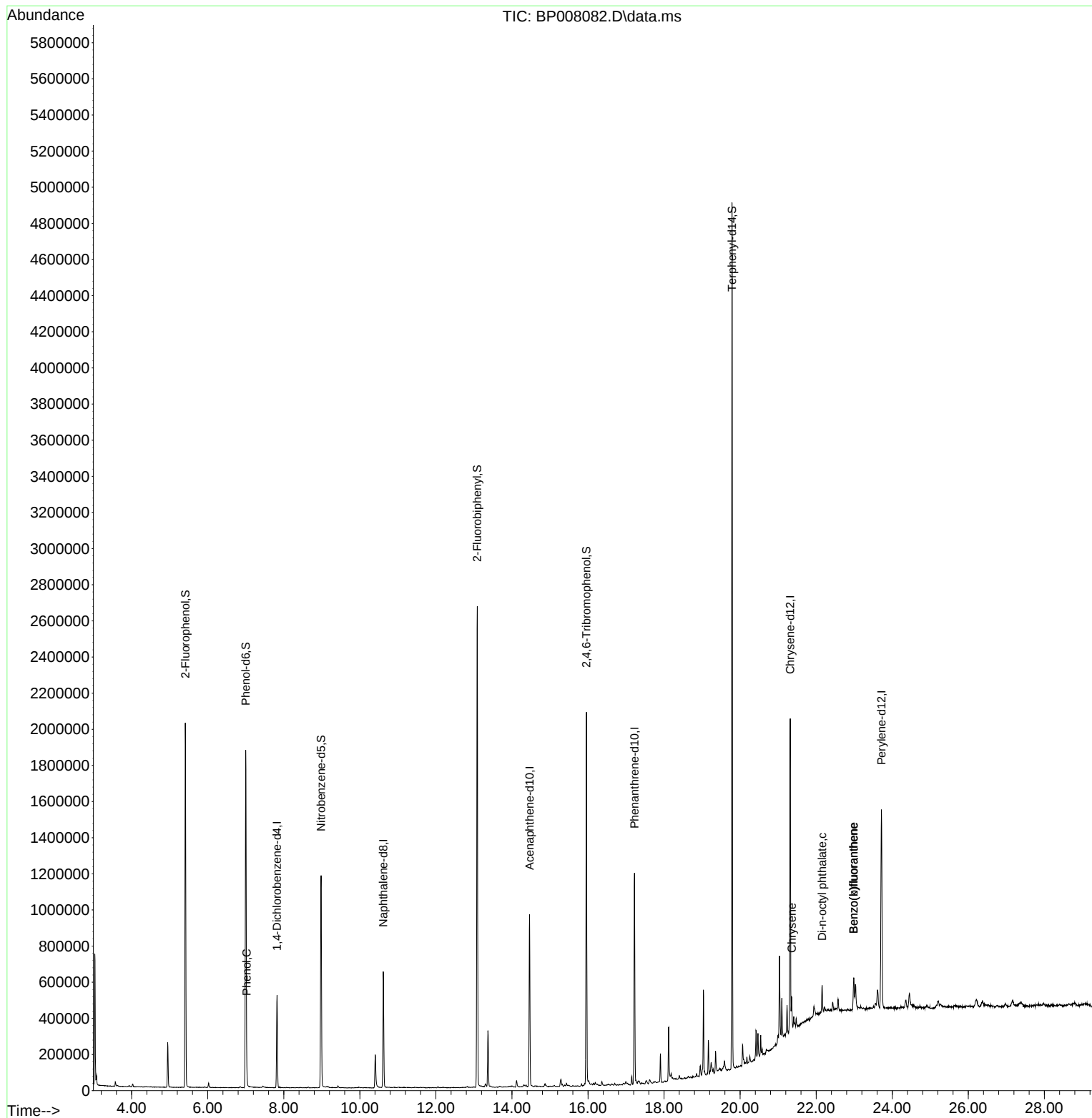
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	130636	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	500249	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	325123	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	719601	20.000	ng	0.00
76) Chrysene-d12	21.316	240	804695	20.000	ng	0.00
86) Perylene-d12	23.716	264	871781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	807966	105.715	ng	0.00
7) Phenol-d6	6.999	99	1030524	97.271	ng	-0.01
23) Nitrobenzene-d5	8.981	82	695760	63.095	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	370315	90.002	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1386240	66.764	ng	0.00
79) Terphenyl-d14	19.786	244	2264764	55.334	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.934	77	103	Below Cal	#	29
10) Phenol	7.022	94	24409	2.151	ng	81
58) Fluorene	15.510	166	752	Below Cal	#	72
61) 4-Chlorophenyl-phenyle...	15.504	204	107	Below Cal	#	83
82) 3,3'-Dichlorobenzidine	21.233	252	521	Below Cal	#	64
83) Chrysene	21.357	228	109392	2.136	ng	97
85) Di-n-octyl phthalate	22.157	149	113300	2.002	ng	# 99
88) Benzo(b)fluoranthene	22.986	252	115030	2.110	ng	96
89) Benzo(k)fluoranthene	22.986	252	115030	2.121	ng	96

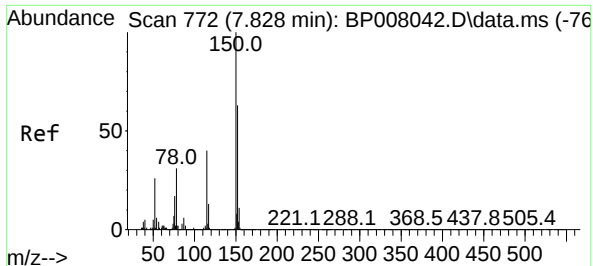
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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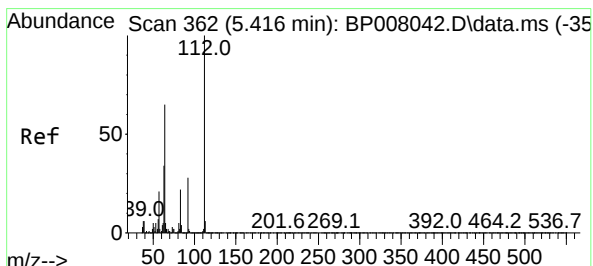
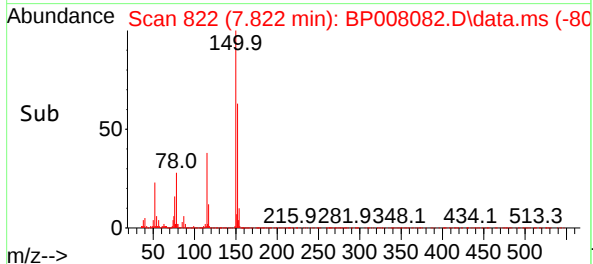
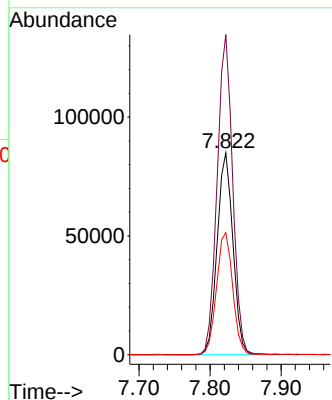
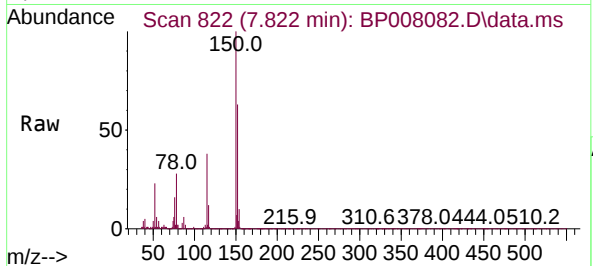




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

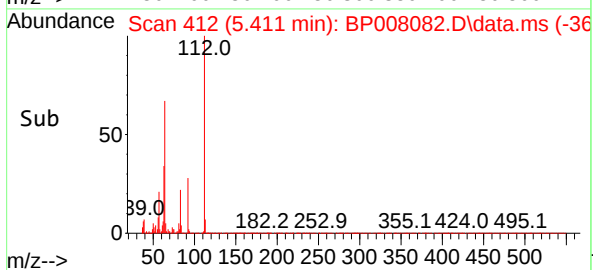
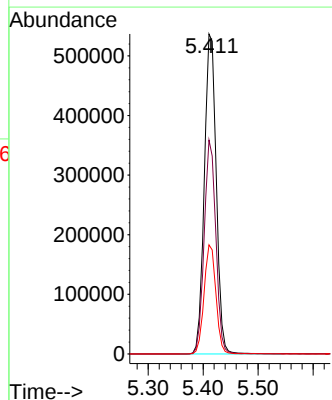
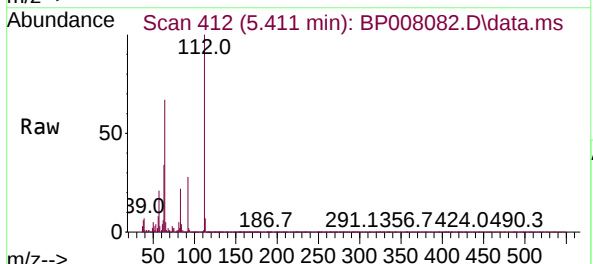
Instrument :
BNA_P
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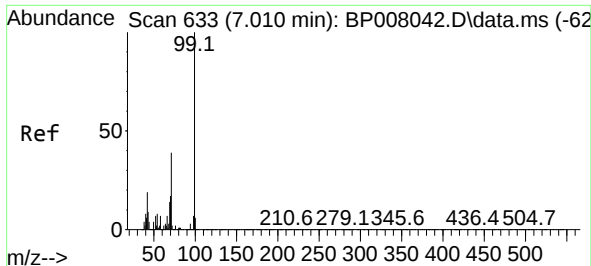
Tgt Ion:152 Resp: 130636
Ion Ratio Lower Upper
152 100
150 158.6 126.5 189.7
115 60.5 50.6 75.8



#5
2-Fluorophenol
Concen: 105.715 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:112 Resp: 807966
Ion Ratio Lower Upper
112 100
64 66.9 51.7 77.5
63 34.1 27.4 41.0

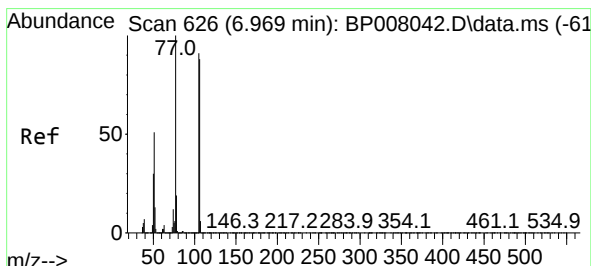
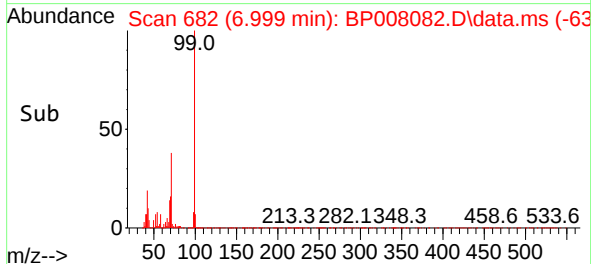
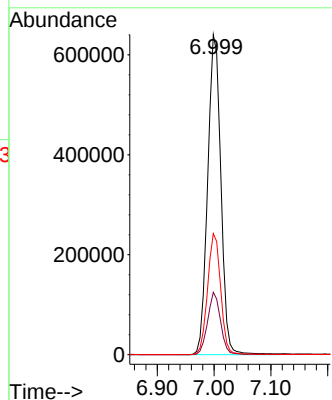
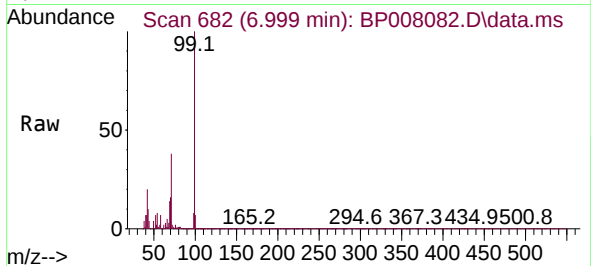




#7
Phenol-d6
Concen: 97.271 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

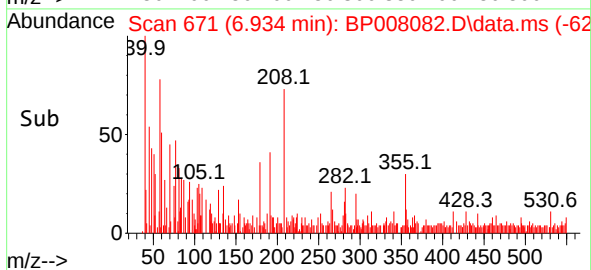
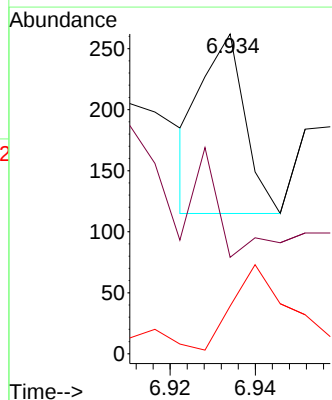
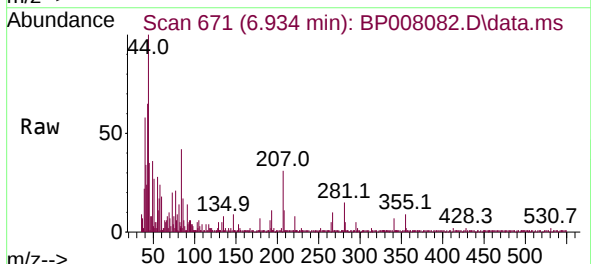
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ClientSampleId :
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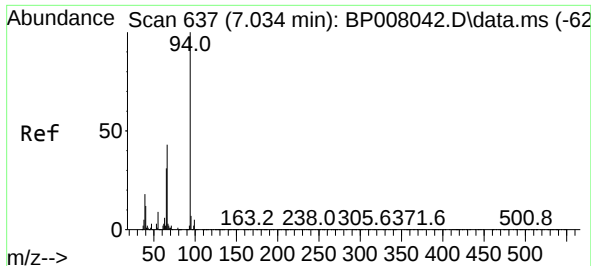
Tgt Ion: 99 Resp: 1030524
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.2
71 37.9 31.0 46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 671
Delta R.T. -0.035 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 77 Resp: 103
Ion Ratio Lower Upper
77 100
105 30.2 71.5 111.5#
106 14.9 67.9 107.9#

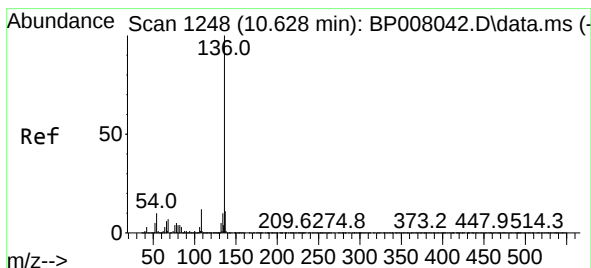
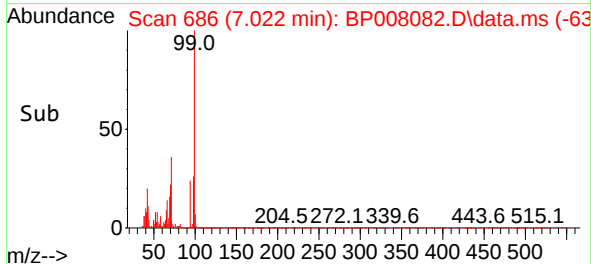
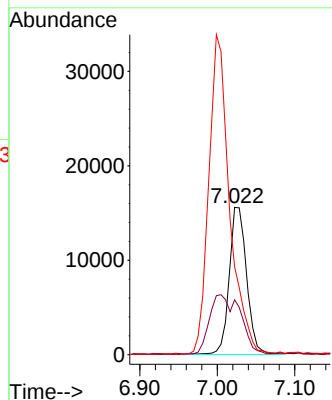
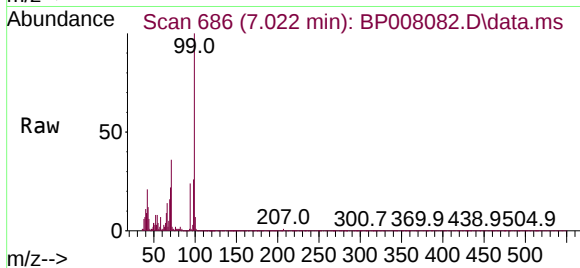




#10
Phenol
Concen: 2.151 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

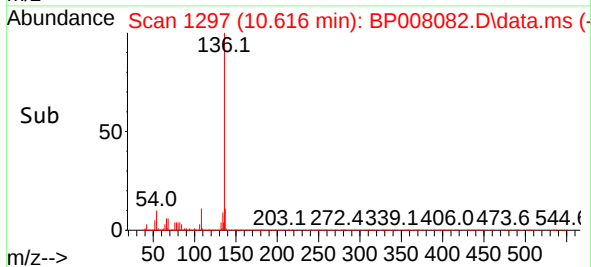
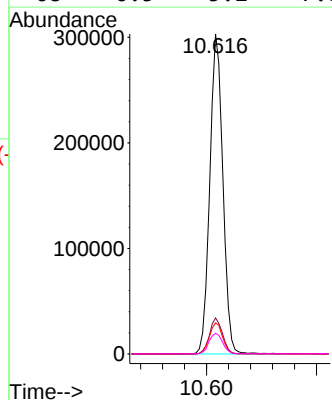
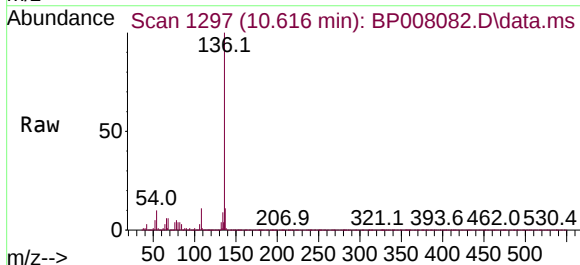
Instrument :
BNA_P
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119

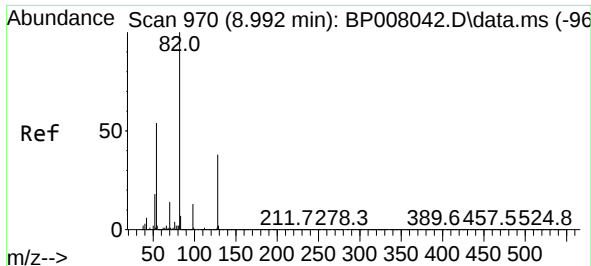
Tgt Ion: 94 Resp: 24409
Ion Ratio Lower Upper
94 100
65 37.3 11.5 51.5
66 59.8 23.5 63.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:136 Resp: 500249
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 8.0 12.0
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.095 ng

RT: 8.981 min Scan# 1019

Delta R.T. -0.011 min

Lab File: BP008082.D

Acq: 22 Nov 2021 14:43

Instrument :

BNA_P

ClientSampleId :

SITE-1-DRILL-CUTTINGS-20211119

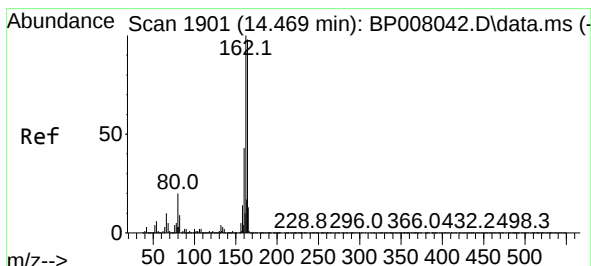
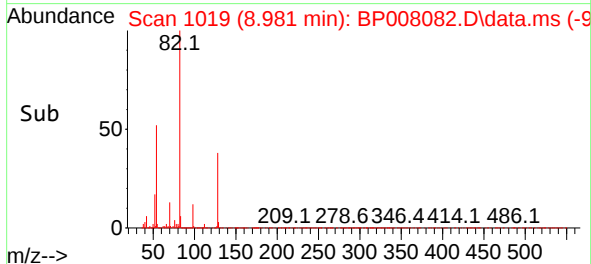
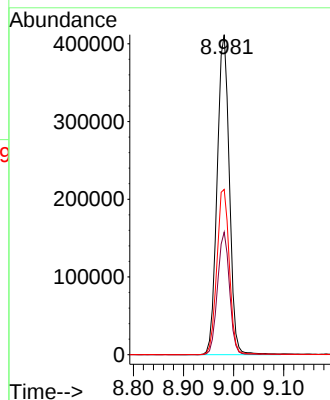
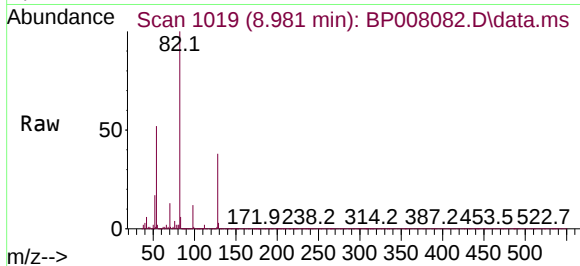
Tgt Ion: 82 Resp: 695760

Ion Ratio Lower Upper

82 100

128 38.3 30.2 45.2

54 51.7 43.1 64.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP008082.D

Acq: 22 Nov 2021 14:43

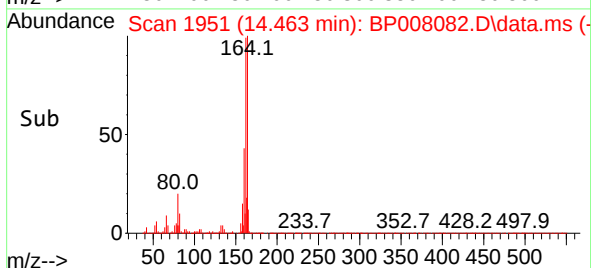
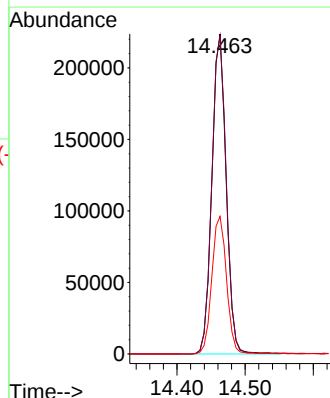
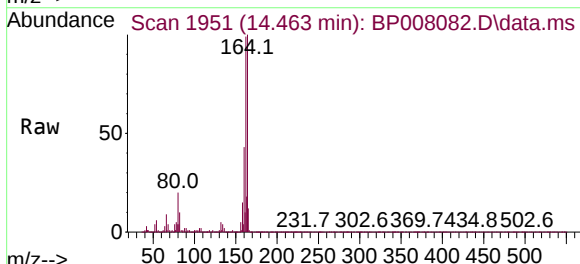
Tgt Ion:164 Resp: 325123

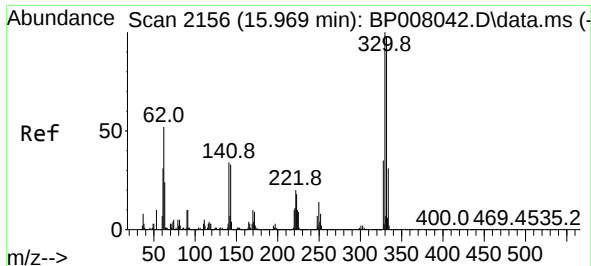
Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.8

160 43.0 35.1 52.7

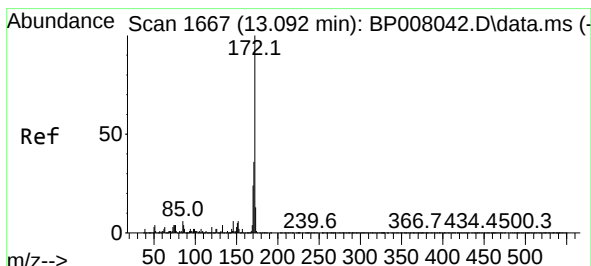
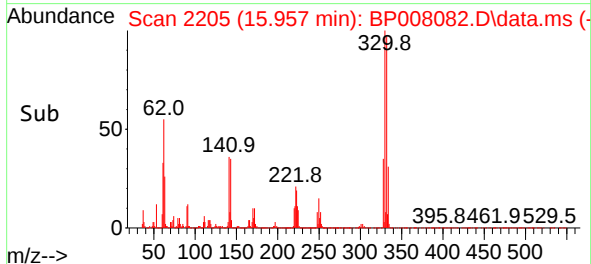
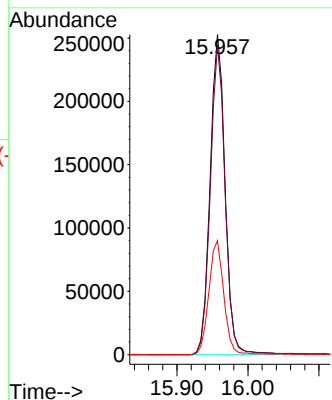
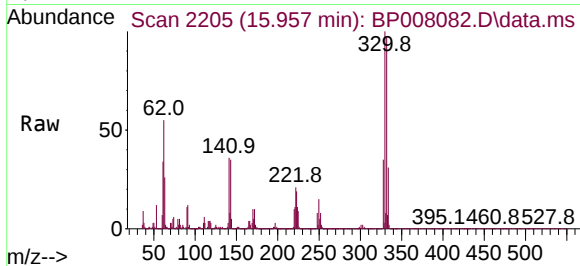




#42
2,4,6-Tribromophenol
Concen: 90.002 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

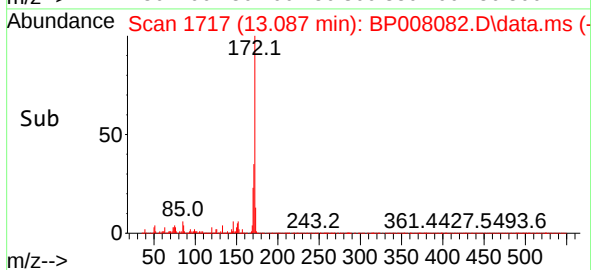
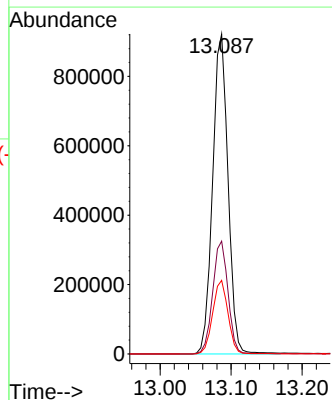
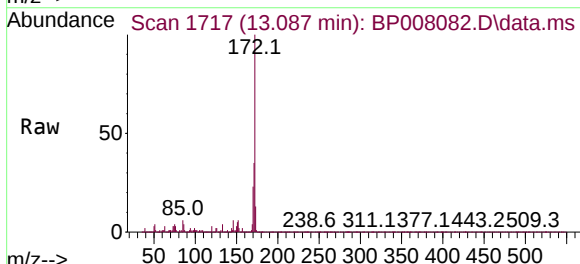
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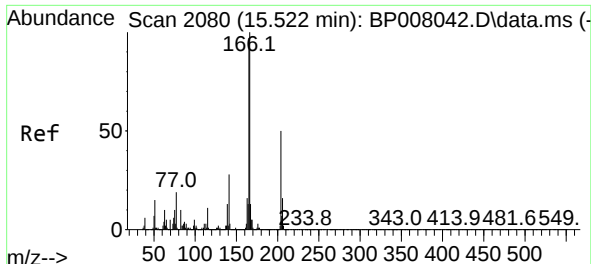
Tgt Ion:330 Resp: 370315
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 35.8 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 66.764 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:172 Resp: 1386240
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.0 19.0 28.4

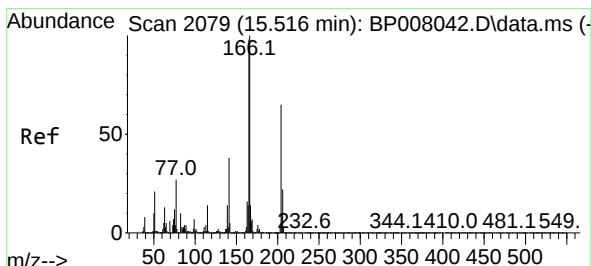
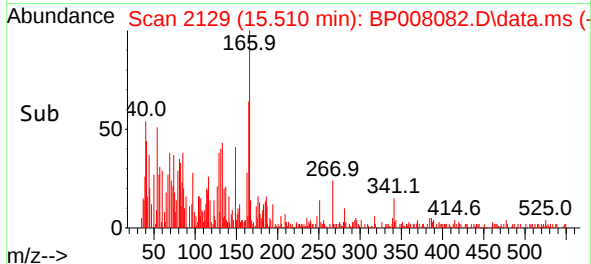
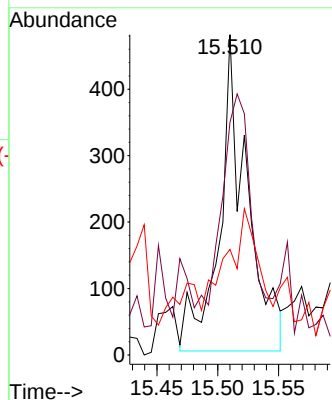
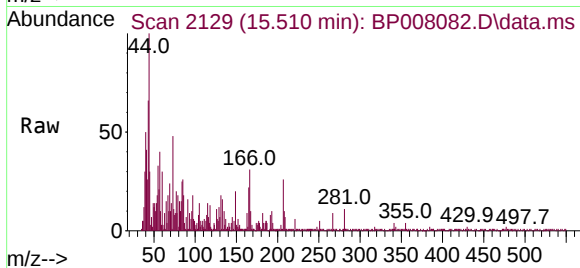




#58
Fluorene
Concen: Below Cal
RT: 15.510 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

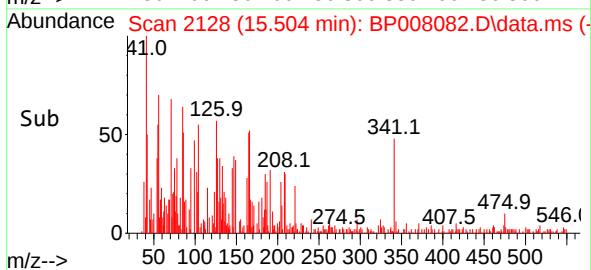
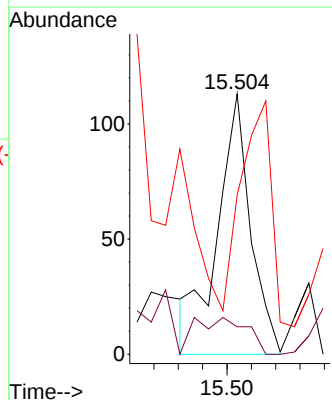
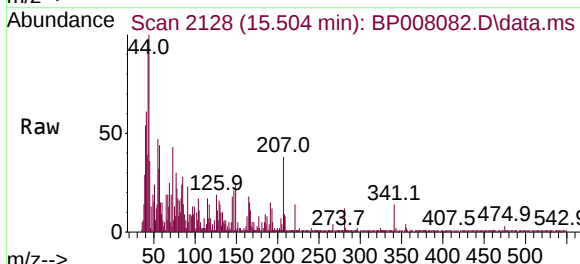
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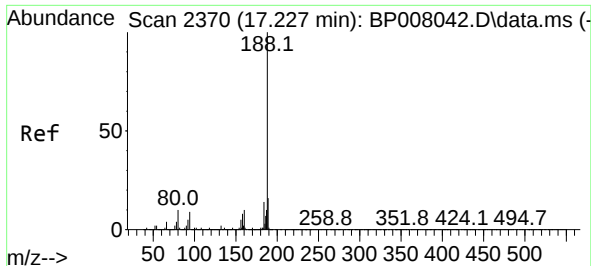
Tgt Ion:166 Resp: 752
Ion Ratio Lower Upper
166 100
165 72.6 77.4 116.0#
167 33.0 10.7 16.1#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:204 Resp: 107
Ion Ratio Lower Upper
204 100
206 10.6 27.3 40.9#
141 61.1 46.7 70.1

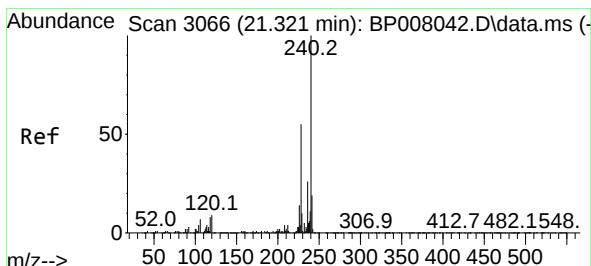
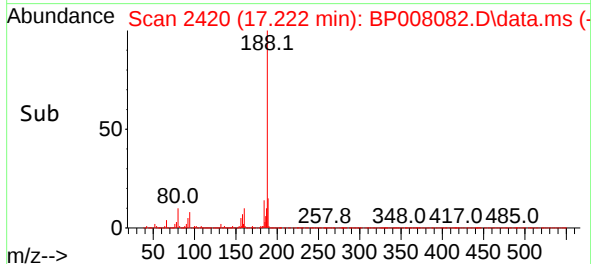
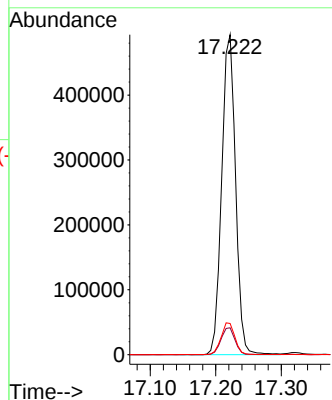
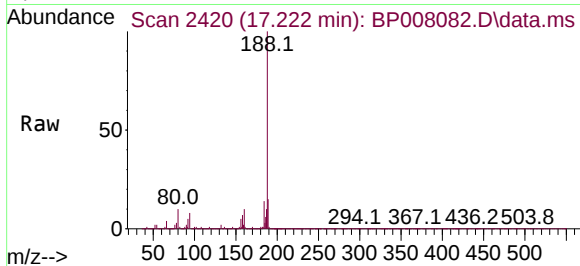




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

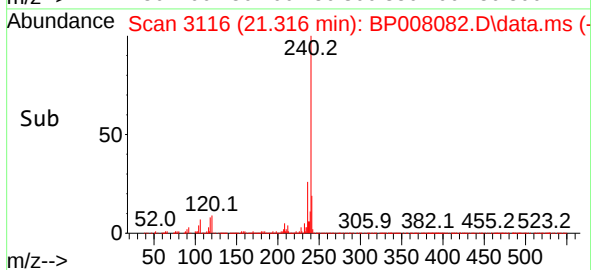
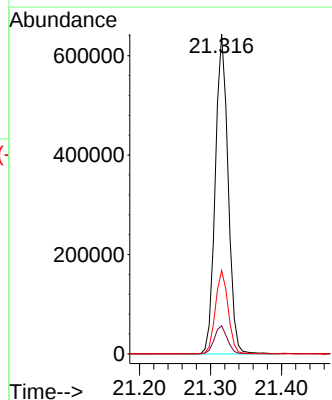
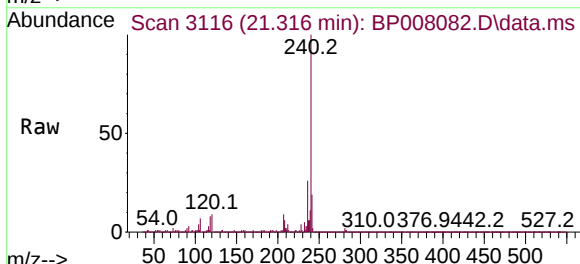
Instrument :
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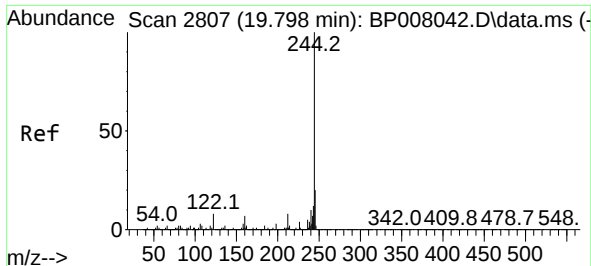
Tgt Ion:188 Resp: 719601
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:240 Resp: 804695
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 26.1 21.0 31.4

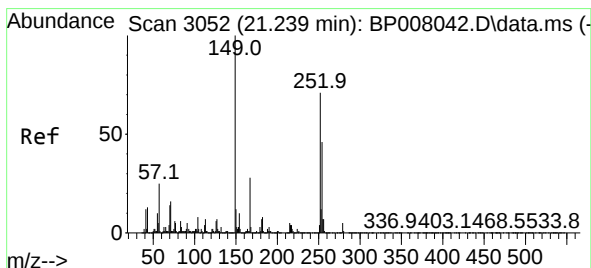
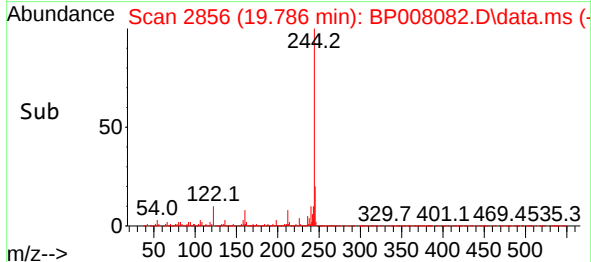
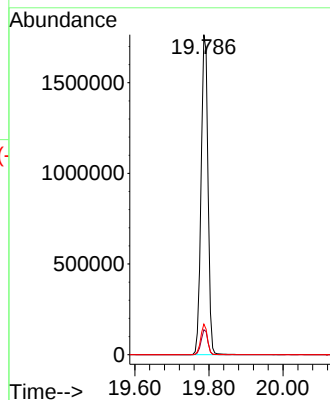
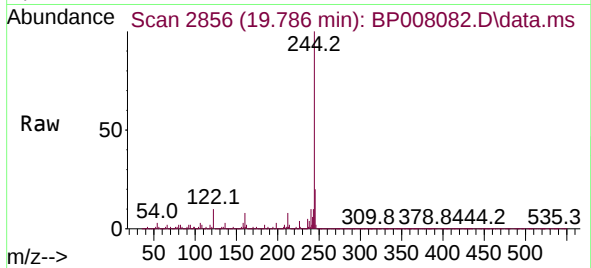




#79
 Terphenyl-d14
 Concen: 55.334 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008082.D
 Acq: 22 Nov 2021 14:43

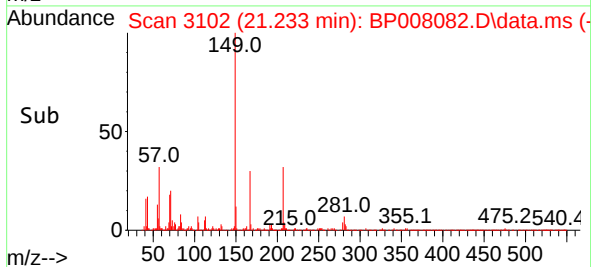
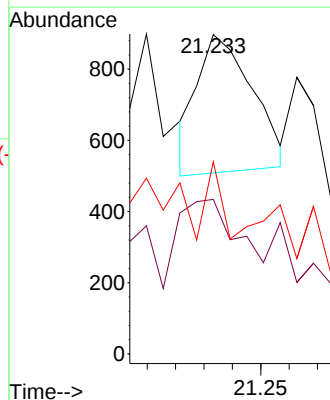
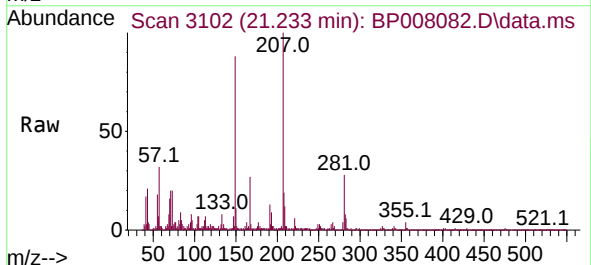
Instrument :
 BNA_P
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119

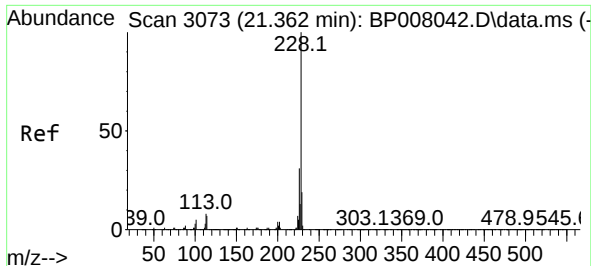
Tgt Ion:244 Resp: 2264764
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.5 6.1 9.1#



#82
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.233 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP008082.D
 Acq: 22 Nov 2021 14:43

Tgt Ion:252 Resp: 521
 Ion Ratio Lower Upper
 252 100
 254 48.4 51.8 77.8#
 126 60.2 7.2 10.8#

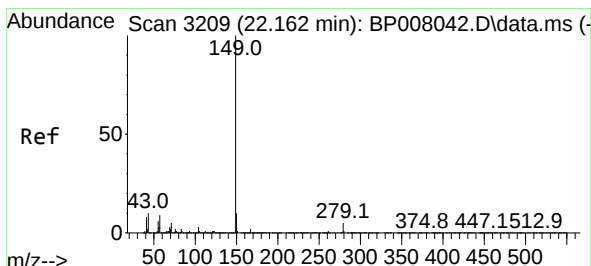
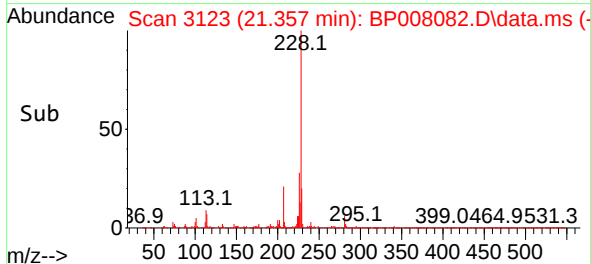
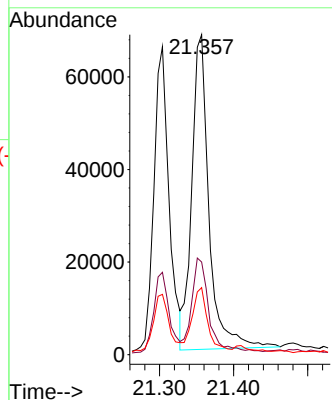
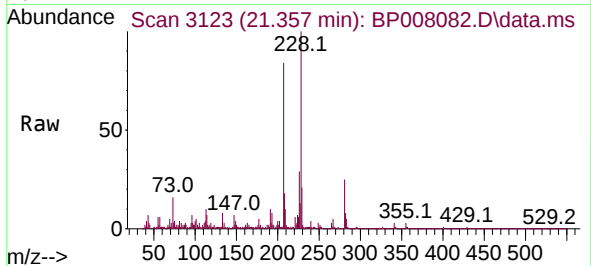




#83
Chrysene
Concen: 2.136 ng
RT: 21.357 min Scan# 311
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

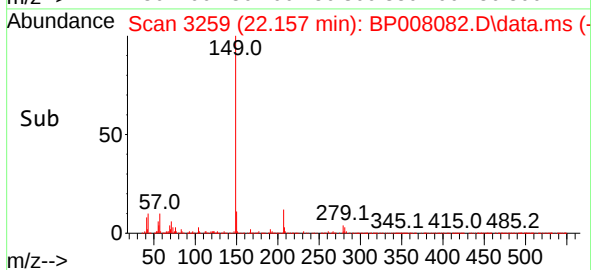
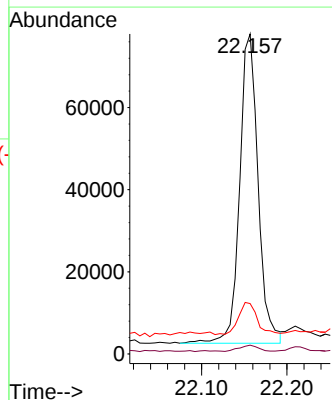
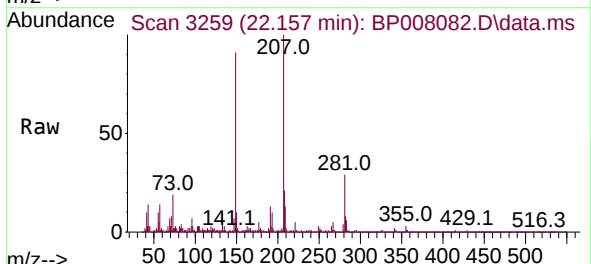
Instrument : BNA_P
ClientSampleId : SITE-1-DRILL-CUTTINGS-20211119

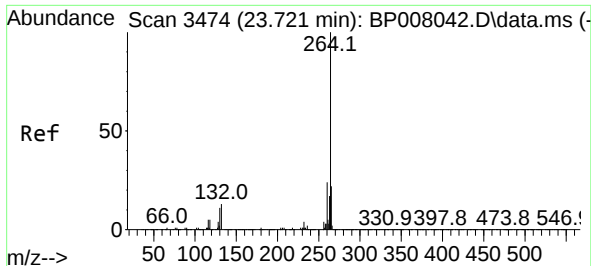
Tgt Ion:228 Resp: 109392
Ion Ratio Lower Upper
228 100
226 29.0 24.5 36.7
229 21.0 15.5 23.3



#85
Di-n-octyl phthalate
Concen: 2.002 ng
RT: 22.157 min Scan# 3259
Delta R.T. -0.005 min
Lab File: BP008082.D
Acq: 22 Nov 2021 14:43

Tgt Ion:149 Resp: 113300
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9#
43 10.2 8.0 12.0



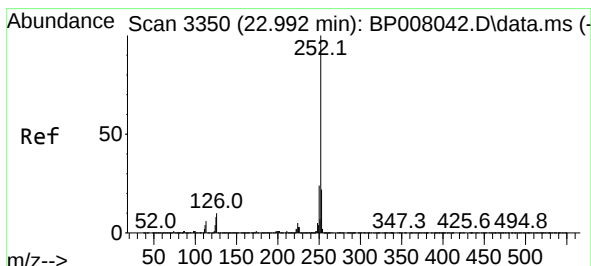
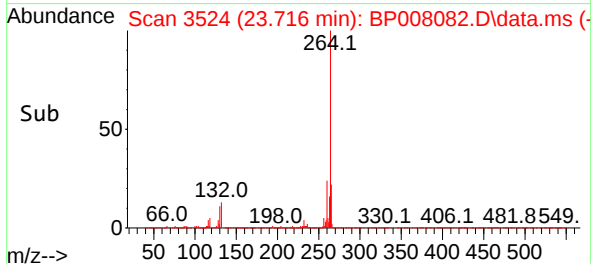
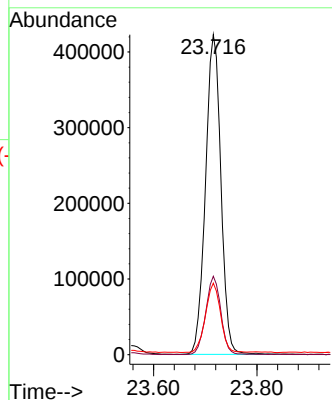
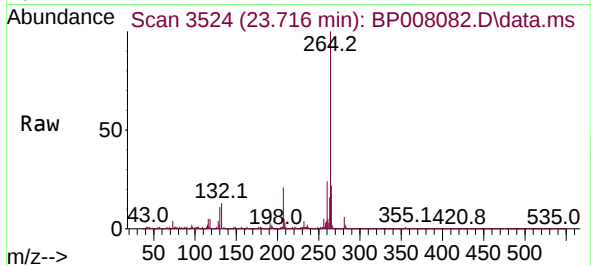


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008082.D
 Acq: 22 Nov 2021 14:43

Instrument :
 BNA_P
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119

Tgt Ion:264 Resp: 871781

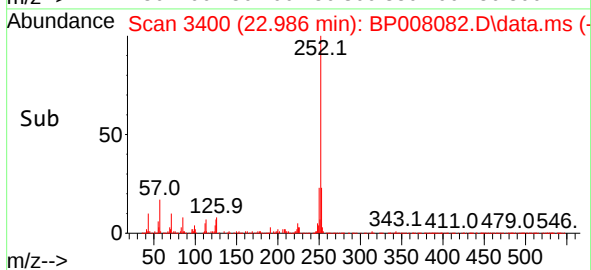
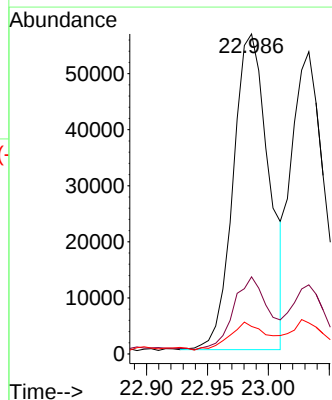
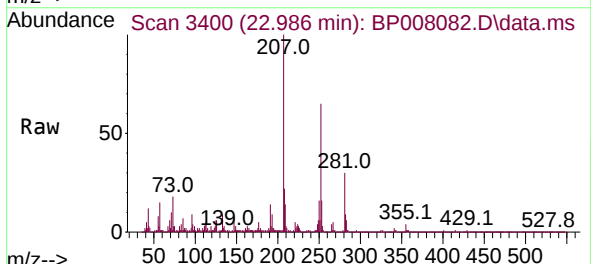
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.4	17.7	26.5

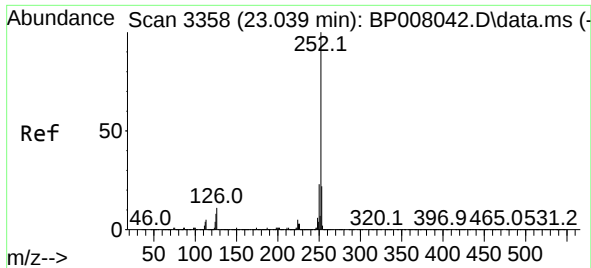


#88
 Benzo(b)fluoranthene
 Concen: 2.110 ng
 RT: 22.986 min Scan# 3400
 Delta R.T. -0.006 min
 Lab File: BP008082.D
 Acq: 22 Nov 2021 14:43

Tgt Ion:252 Resp: 115030

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	8.6	6.1	9.1





#89

Benzo(k)fluoranthene

Concen: 2.121 ng

RT: 22.986 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP008082.D

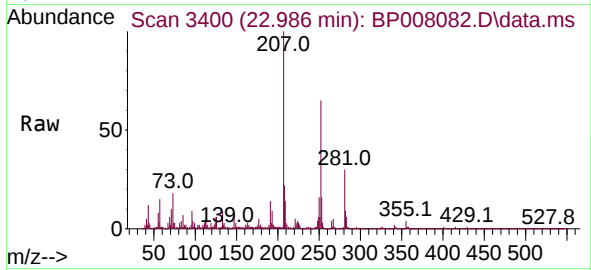
Acq: 22 Nov 2021 14:43

Instrument :

BNA_P

ClientSampleId :

SITE-1-DRILL-CUTTINGS-20211119



Tgt Ion:252 Resp: 115030

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 8.6 6.2 9.4

