

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004025.D
 Acq On : 20 Nov 2020 15:15
 Operator : CG/JU
 Sample : L4716-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 STOCKPILE-2

Quant Time: Nov 20 16:22:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

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

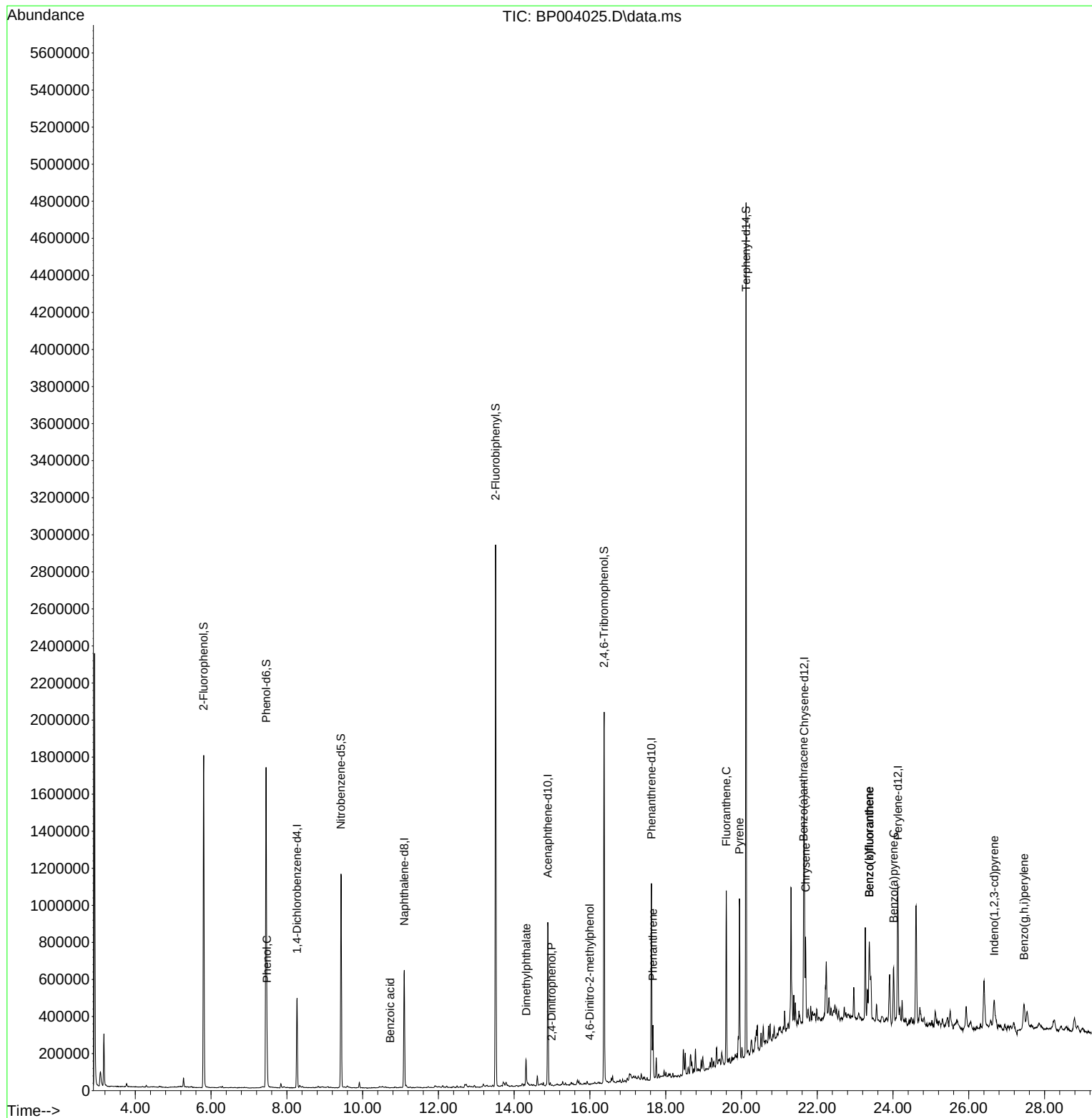
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	131828	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	510463	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	305931	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	632902	20.00	ng	0.00
76) Chrysene-d12	21.657	240	593654	20.00	ng	0.00
86) Perylene-d12	24.127	264	588822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	759888	96.20	ng	0.00
7) Phenol-d6	7.452	99	999496	88.15	ng	0.00
23) Nitrobenzene-d5	9.428	82	656977	63.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.375	330	389483	101.79	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1451973	66.35	ng	0.00
79) Terphenyl-d14	20.122	244	1860430	60.55	ng	0.00
Target Compounds						
9) Benzaldehyde	7.369	77	1499	Below Cal	#	44
10) Phenol	7.475	94	84914	7.76	ng	77
32) Benzoic acid	10.728	122	74	8.32	ng	92
50) Dimethylphthalate	14.316	163	88239	3.69	ng	98
54) 2,4-Dinitrophenol	14.987	184	28	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.993	198	14	6.35	ng	# 1
71) Phenanthrene	17.663	178	164818	4.64	ng	98
75) Fluoranthene	19.598	202	541655	13.22	ng	100
78) Pyrene	19.945	202	509498	12.65	ng	98
81) Benzo(a)anthracene	21.639	228	276033	7.05	ng	97
83) Chrysene	21.692	228	278605	7.41	ng	97
87) Indeno(1,2,3-cd)pyrene	26.674	276	173986	4.10	ng	# 93
88) Benzo(b)fluoranthene	23.375	252	494621	12.84	ng	98
89) Benzo(k)fluoranthene	23.375	252	494621	13.00	ng	99
90) Benzo(a)pyrene	24.016	252	246959	6.92	ng	98
92) Benzo(g,h,i)perylene	27.457	276	179388	5.23	ng	96

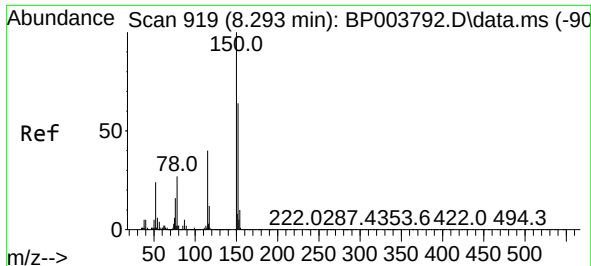
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 12:19:10 2020
Response via : Initial Calibration

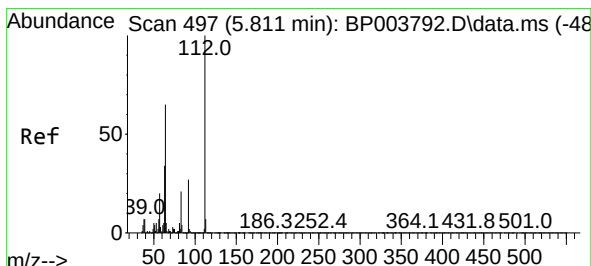
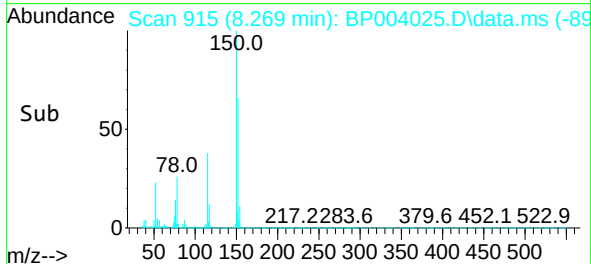
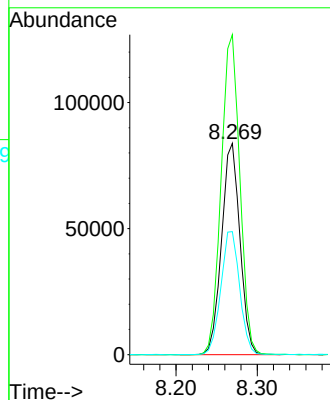
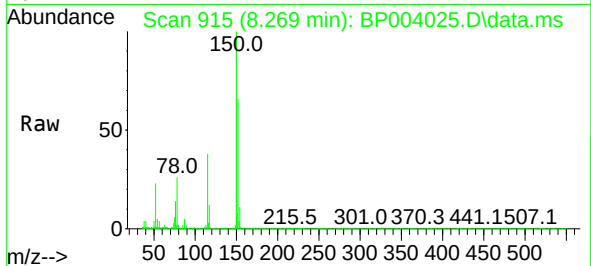




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

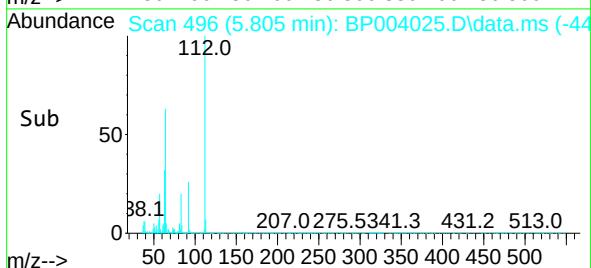
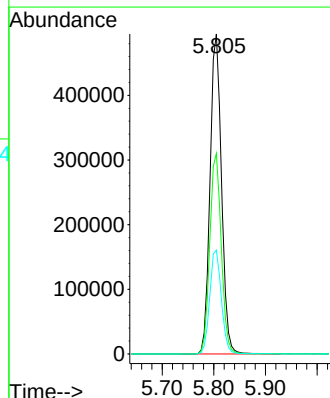
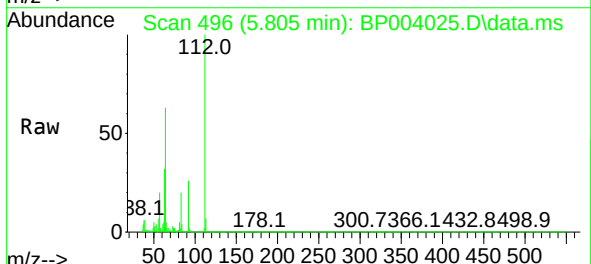
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BNA_P
ClientSampleId :
STOCKPILE-2

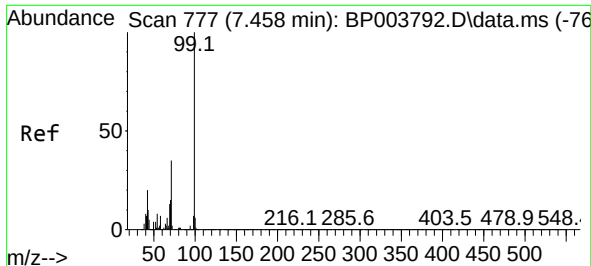
Tgt Ion:152 Resp: 131828
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 58.2 43.8 65.6



#5
2-Fluorophenol
Concen: 96.20 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:112 Resp: 759888
Ion Ratio Lower Upper
112 100
64 62.7 32.8 49.2#
63 32.4 17.0 25.4#

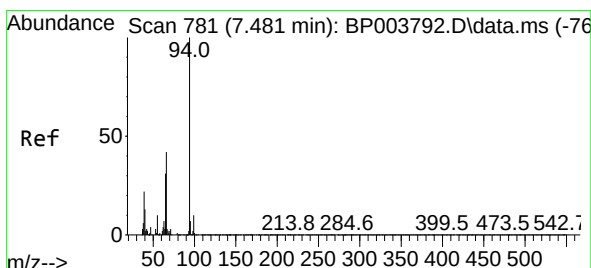
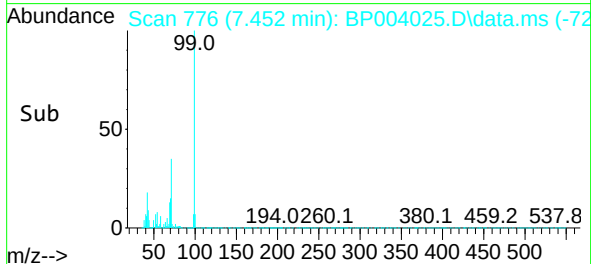
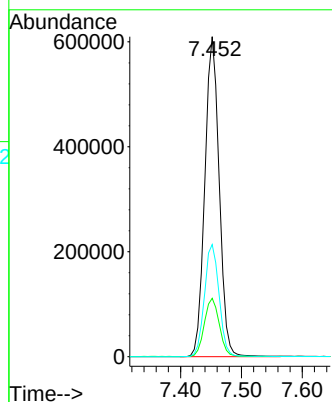
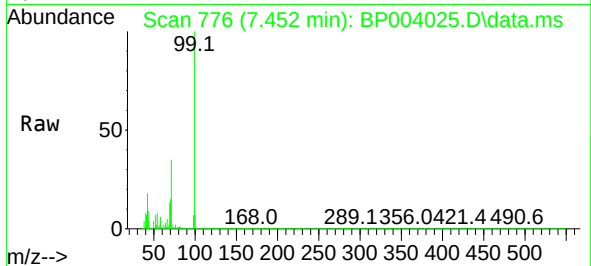




#7
Phenol-d6
Concen: 88.15 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

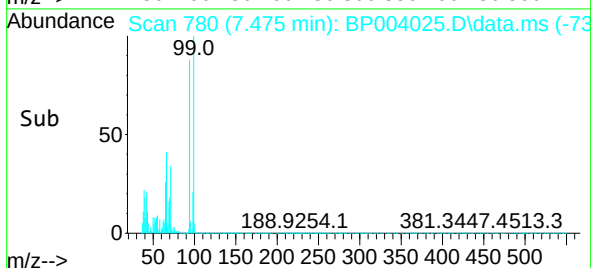
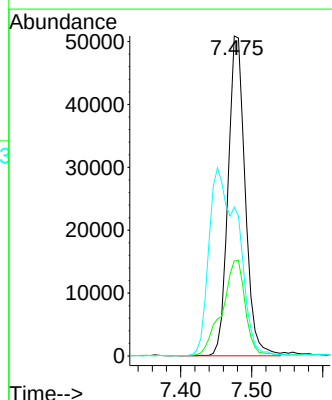
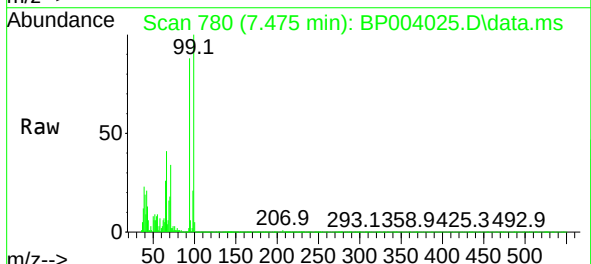
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

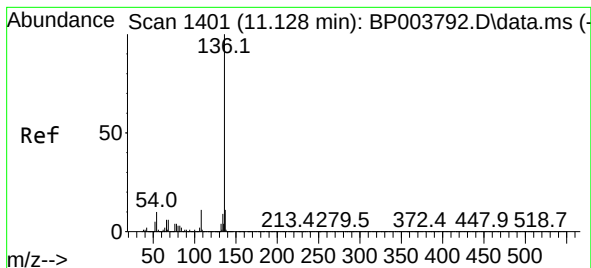
Tgt Ion: 99 Resp: 999496
Ion Ratio Lower Upper
99 100
42 18.2 8.6 13.0#
71 35.1 23.4 35.2



#10
Phenol
Concen: 7.76 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion: 94 Resp: 84914
Ion Ratio Lower Upper
94 100
65 29.7 2.3 42.3
66 46.5 10.9 50.9

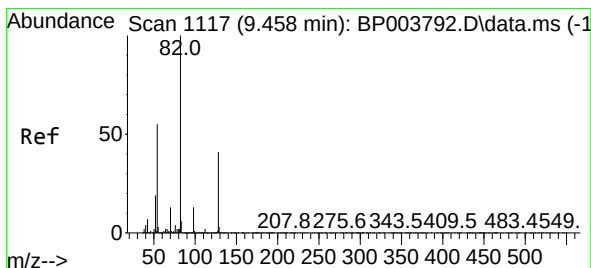
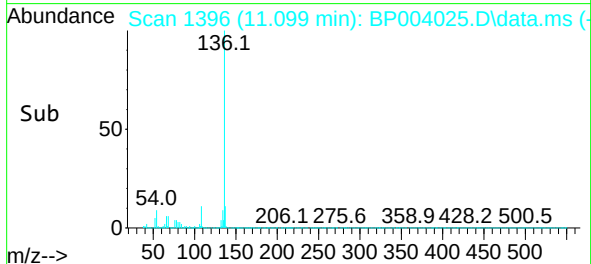
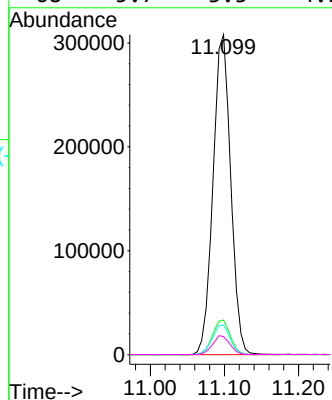
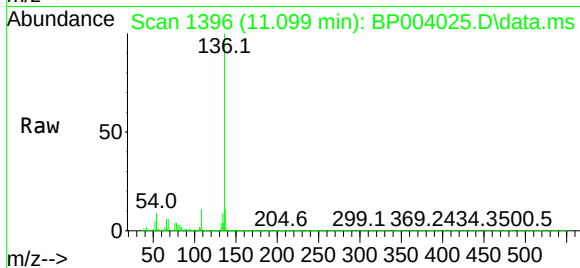




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

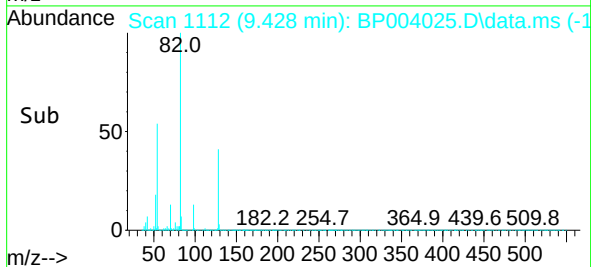
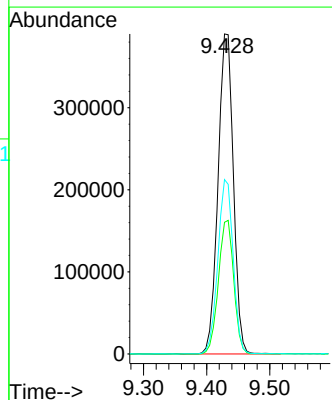
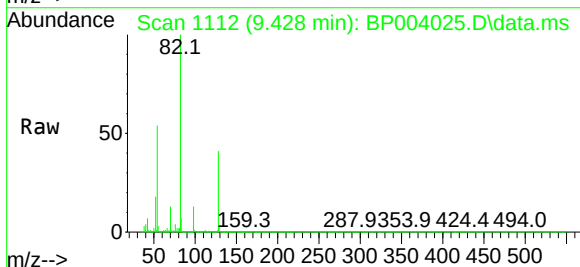
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

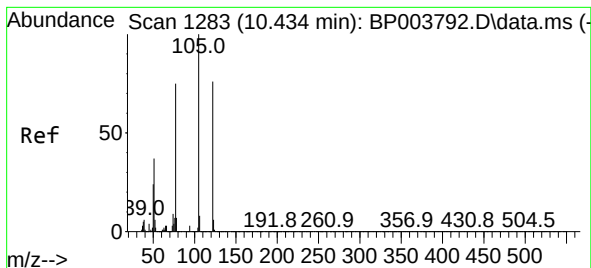
Tgt Ion:136 Resp: 510463
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 3.6 5.4#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.03 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.011 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion: 82 Resp: 656977
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 54.5 30.1 45.1#





#32

Benzoic acid

Concen: 8.32 ng

RT: 10.728 min Scan# 1333

Delta R.T. 0.265 min

Lab File: BP004025.D

Acq: 20 Nov 2020 15:15

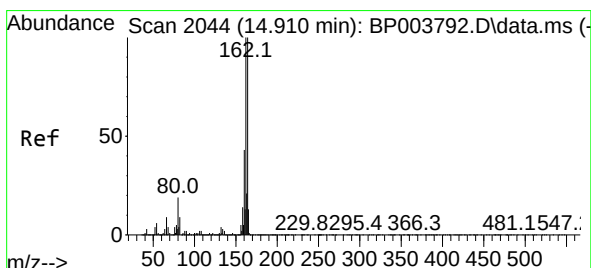
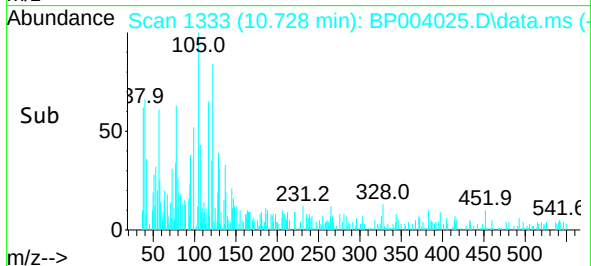
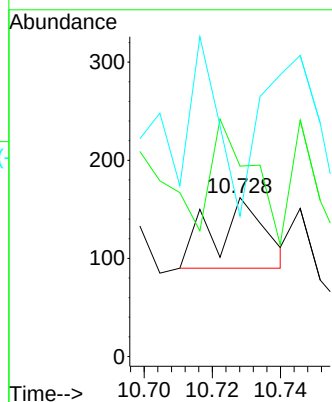
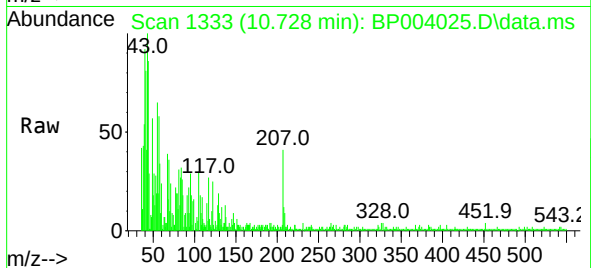
Tgt Ion:	122	Resp:	74
Ion	Ratio	Lower	Upper
122	100		
105	107.2	94.1	134.1
77	79.0	50.1	90.1

Instrument :

BNA_P

ClientSampleId :

STOCKPILE-2



#39

Acenaphthene-d10

Concen: 20.00 ng

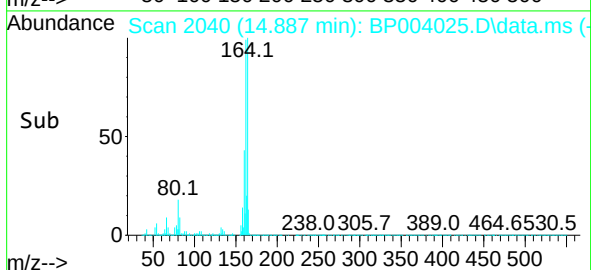
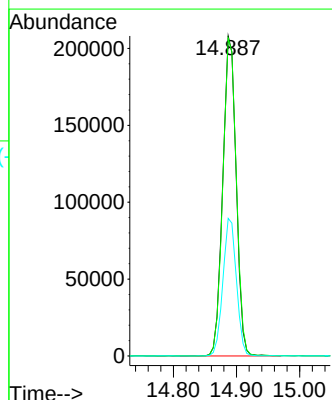
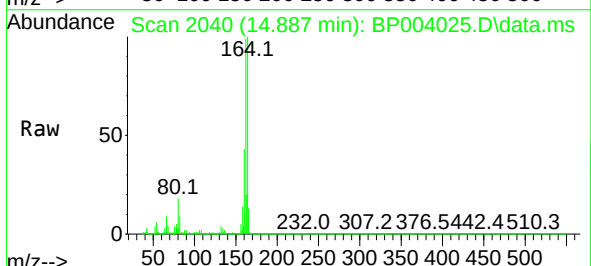
RT: 14.887 min Scan# 2040

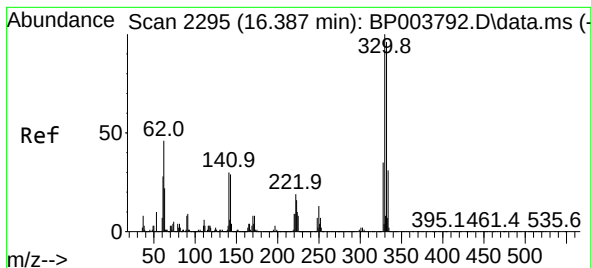
Delta R.T. -0.006 min

Lab File: BP004025.D

Acq: 20 Nov 2020 15:15

Tgt Ion:	164	Resp:	305931
Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.2
160	43.0	36.1	54.1

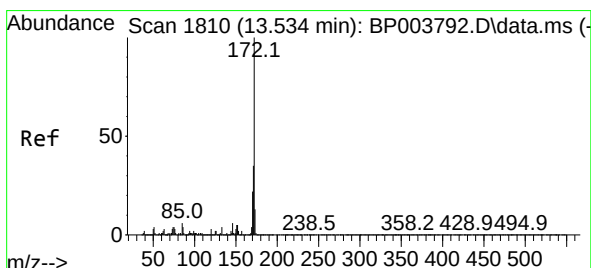
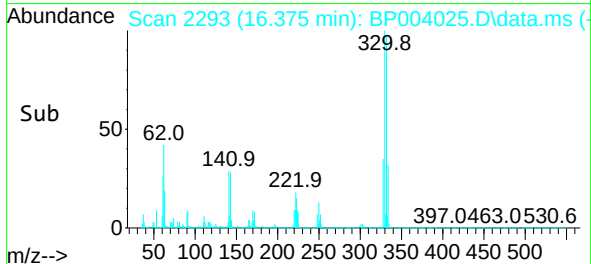
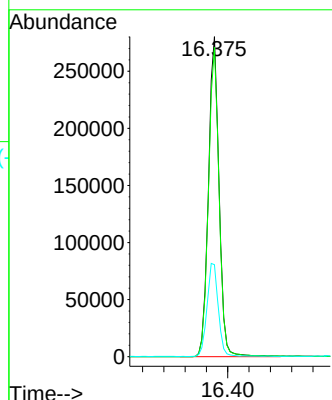
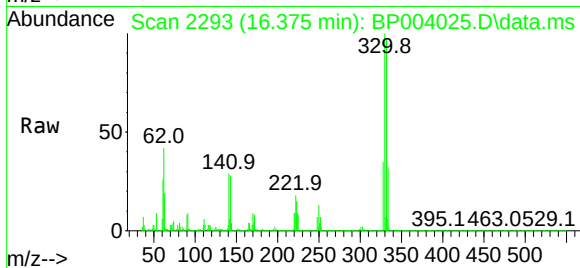




#42
2,4,6-Tribromophenol
Concen: 101.79 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

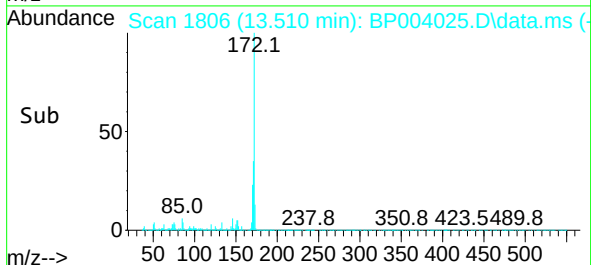
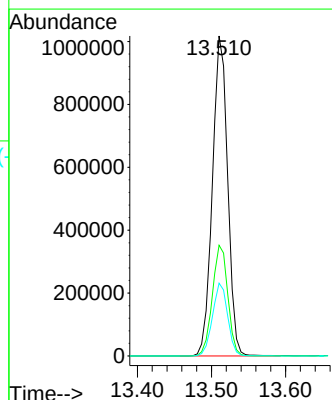
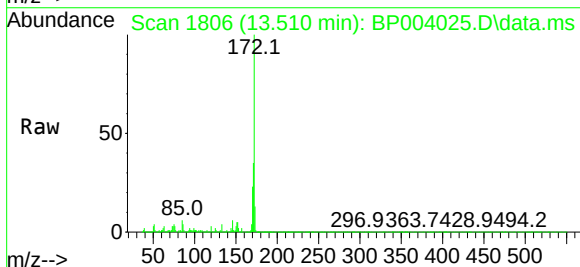
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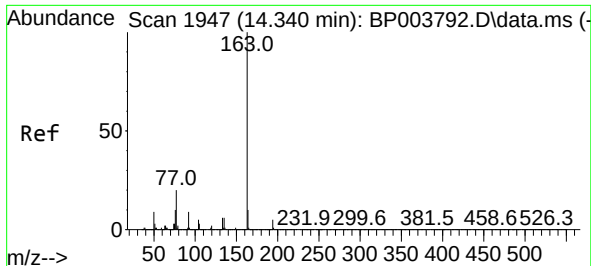
Tgt Ion:330 Resp: 389483
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 31.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.35 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:172 Resp: 1451973
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.7 19.2 28.8

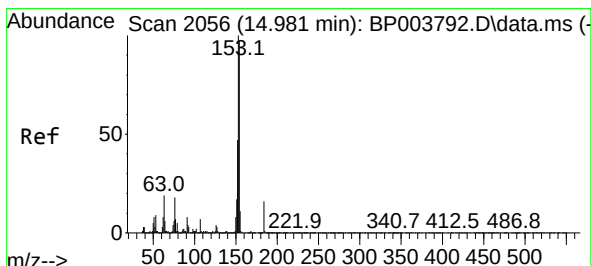
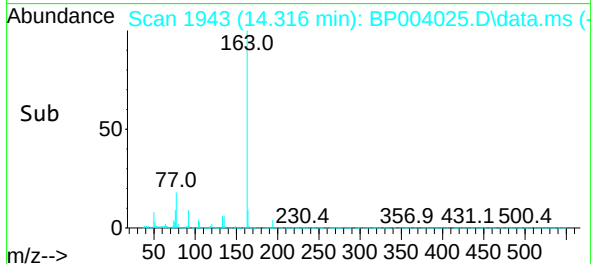
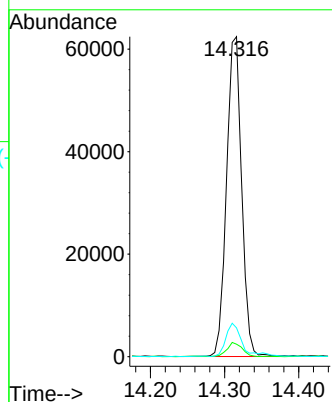
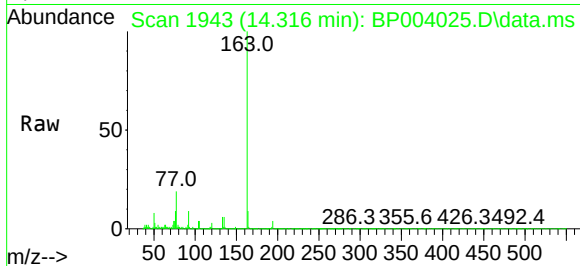




#50
Dimethylphthalate
Concen: 3.69 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

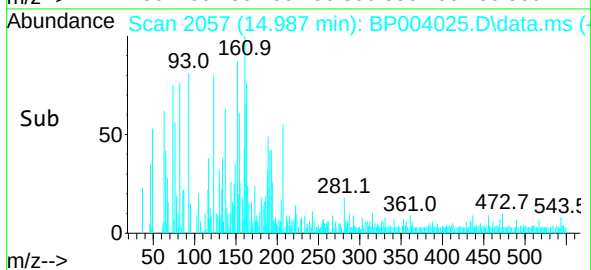
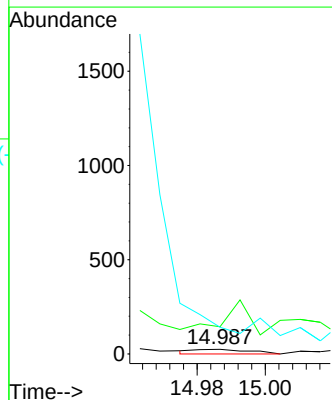
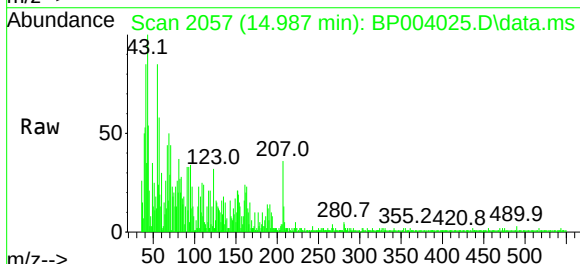
Instrument :
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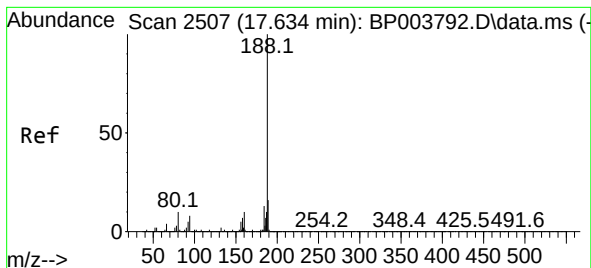
Tgt Ion:163 Resp: 88239
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 576.0 32.3 48.5#
154 568.0 49.1 73.7#

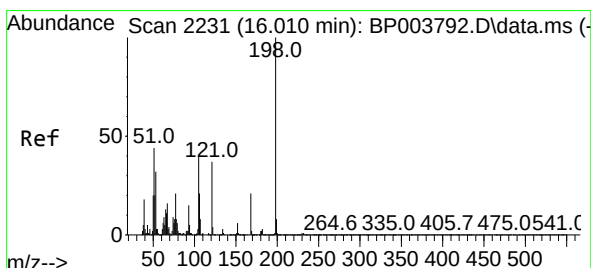
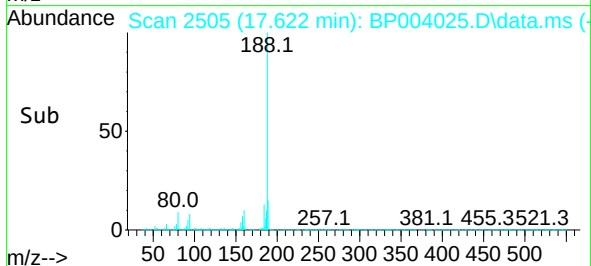
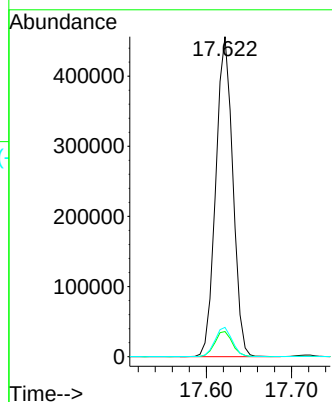
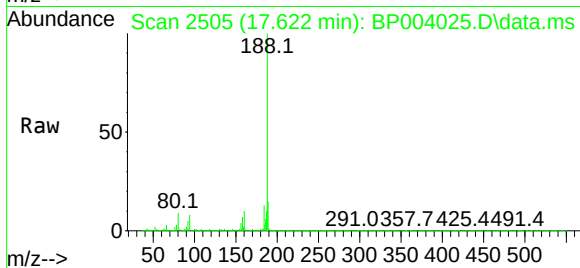




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

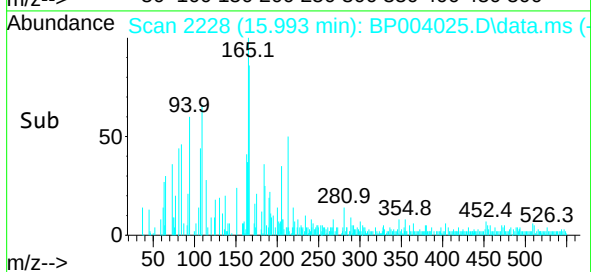
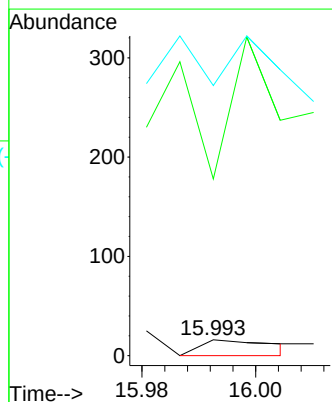
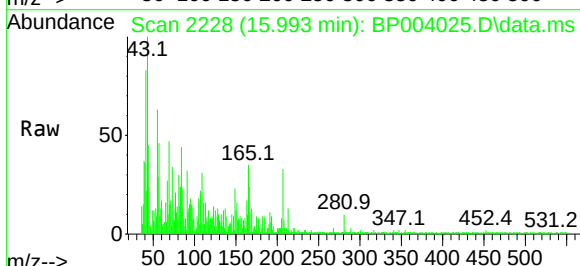
Instrument :
BNA_P
ClientSampleId :
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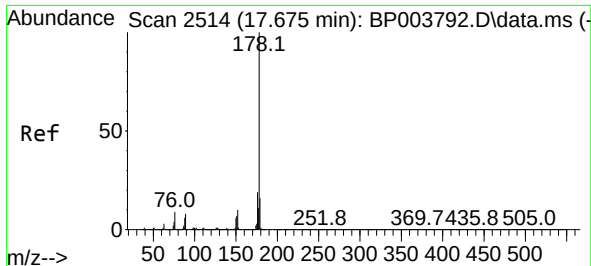
Tgt Ion:188 Resp: 632902
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.993 min Scan# 2228
Delta R.T. -0.017 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1112.5 6.4 46.4#
105 1700.0 18.9 58.9#

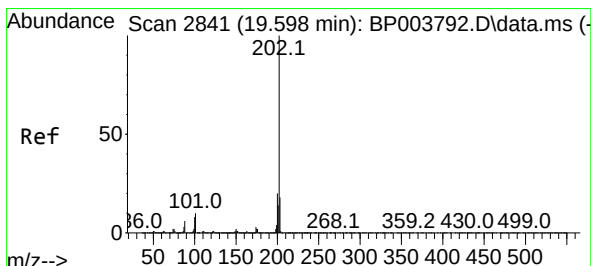
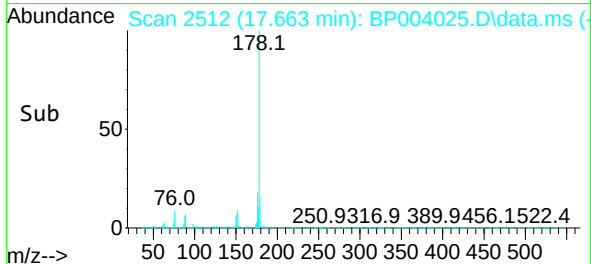
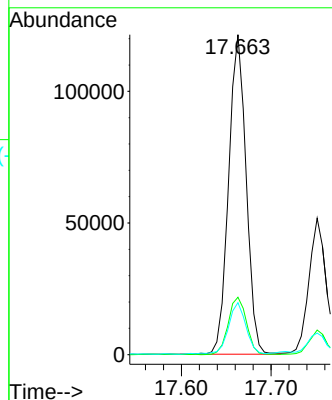
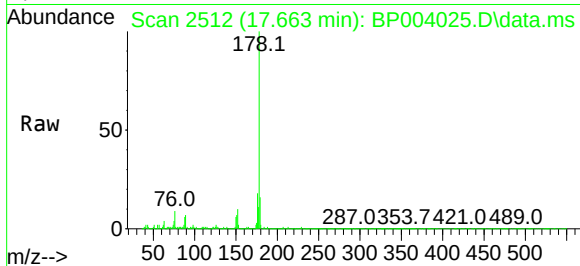




#71
Phenanthrene
Concen: 4.64 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

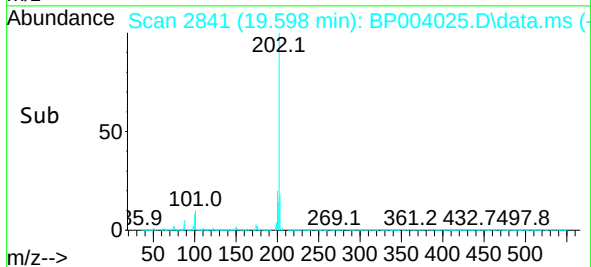
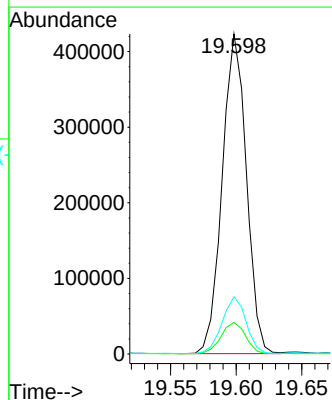
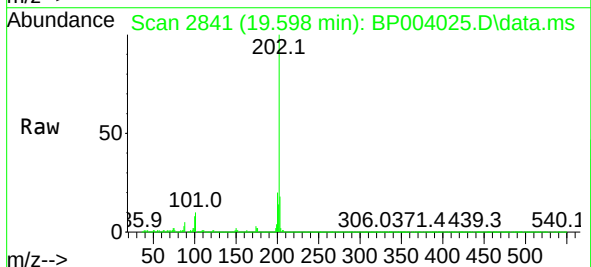
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

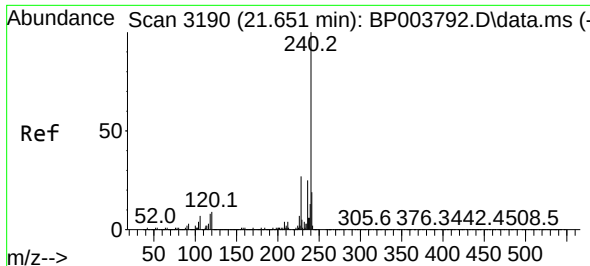
Tgt Ion:178 Resp: 164818
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 16.3 12.5 18.7



#75
Fluoranthene
Concen: 13.22 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:202 Resp: 541655
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 17.8 0.0 37.8

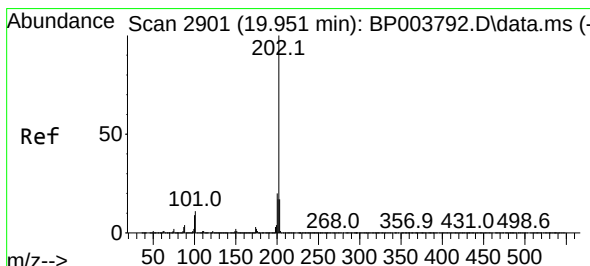
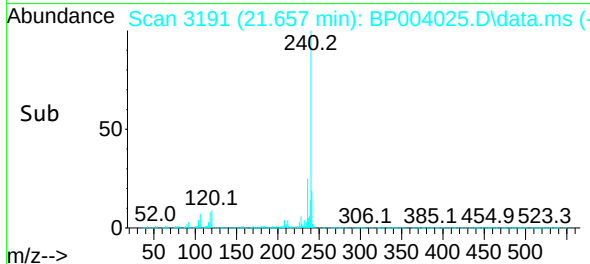
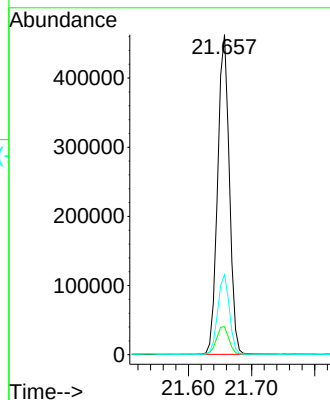
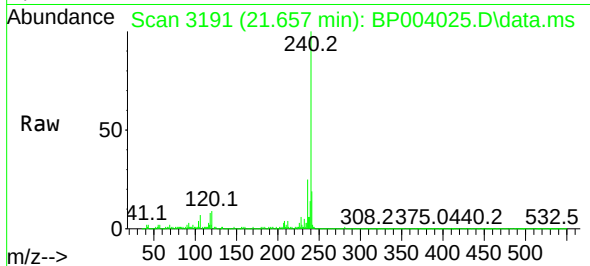




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

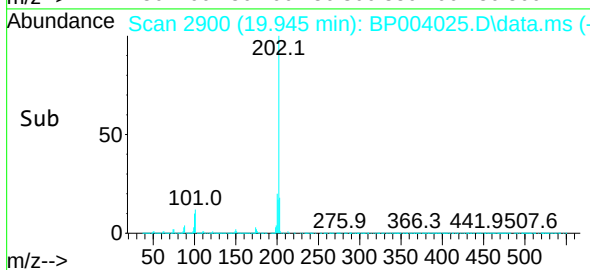
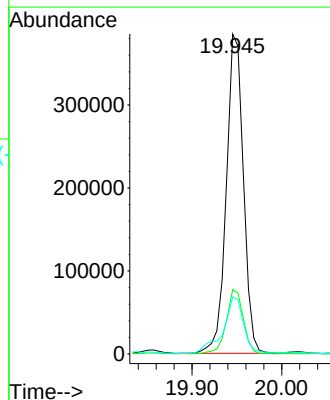
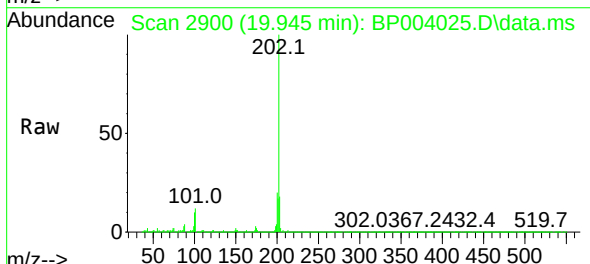
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

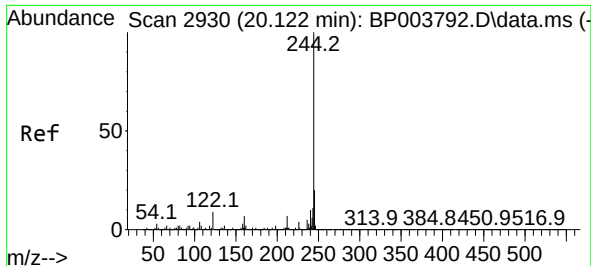
Tgt Ion:240 Resp: 593654
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.0 20.8 31.2



#78
Pyrene
Concen: 12.65 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:202 Resp: 509498
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 17.8 14.2 21.2

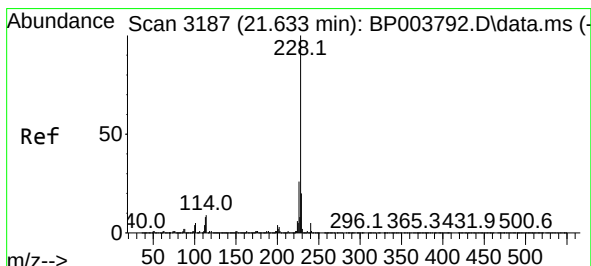
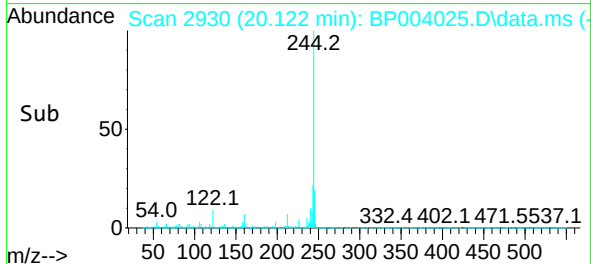
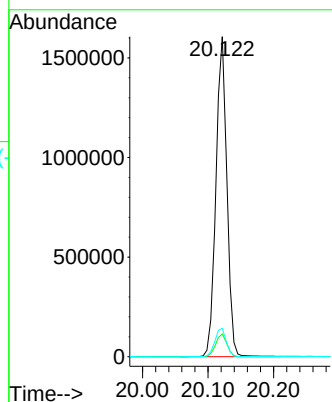
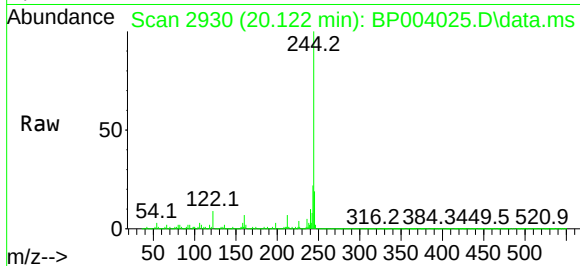




#79
 Terphenyl-d14
 Concen: 60.55 ng
 RT: 20.122 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: BP004025.D
 Acq: 20 Nov 2020 15:15

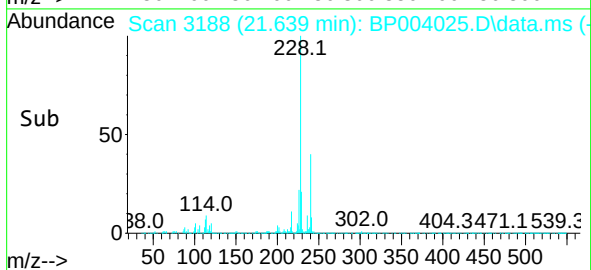
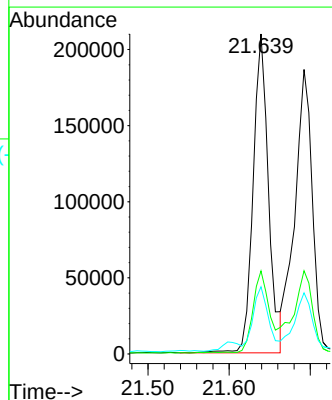
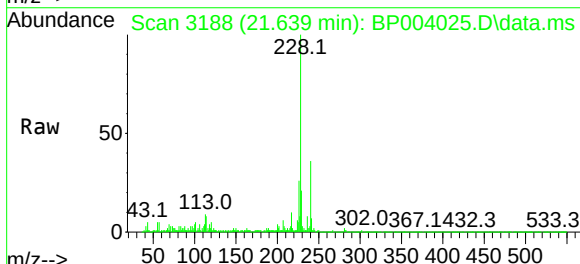
Instrument :
 BNA_P
 ClientSampleId :
 STOCKPILE-2

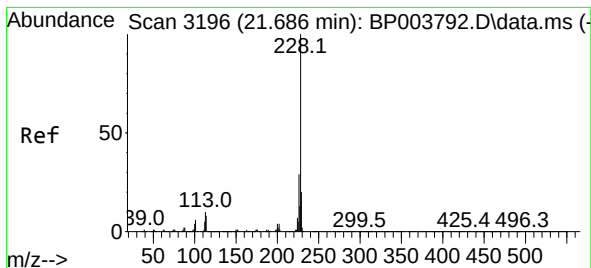
Tgt Ion:244 Resp: 1860430
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.8 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 7.05 ng
 RT: 21.639 min Scan# 3188
 Delta R.T. 0.000 min
 Lab File: BP004025.D
 Acq: 20 Nov 2020 15:15

Tgt Ion:228 Resp: 276033
 Ion Ratio Lower Upper
 228 100
 226 26.0 22.1 33.1
 229 21.0 15.9 23.9





#83

Chrysene

Concen: 7.41 ng

RT: 21.692 min Scan# 3197

Delta R.T. -0.006 min

Lab File: BP004025.D

Acq: 20 Nov 2020 15:15

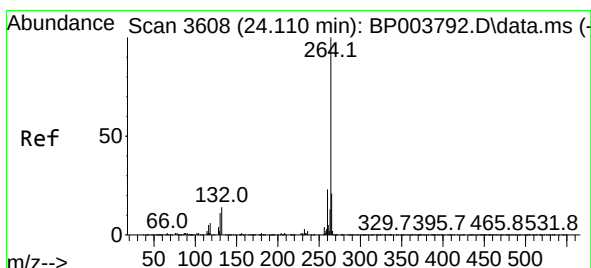
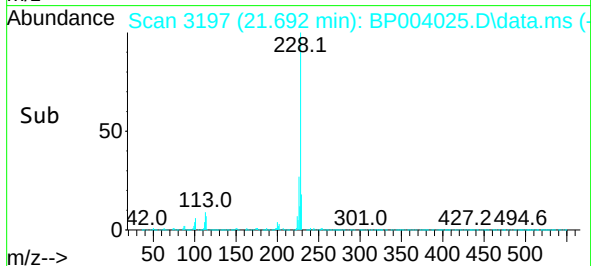
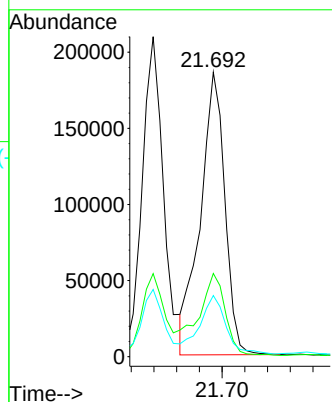
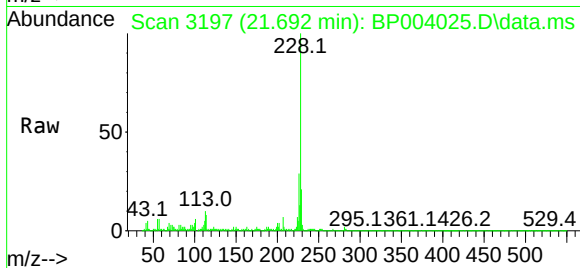
Tgt Ion:228 Resp: 278605

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 21.5 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.127 min Scan# 3611

Delta R.T. 0.000 min

Lab File: BP004025.D

Acq: 20 Nov 2020 15:15

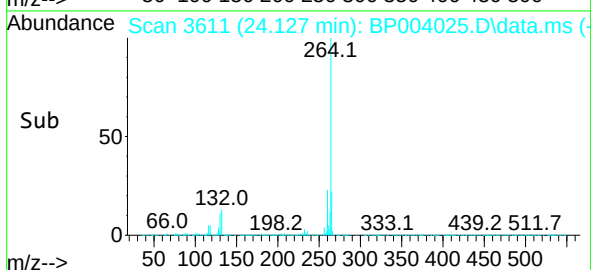
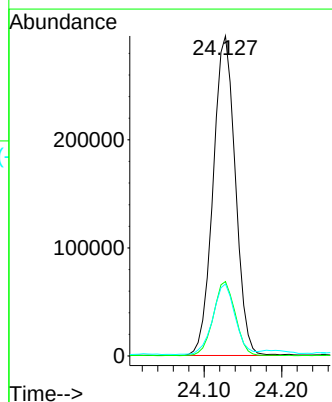
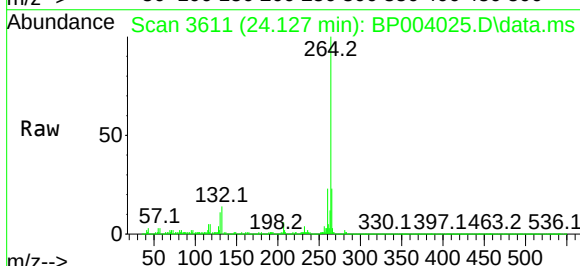
Tgt Ion:264 Resp: 588822

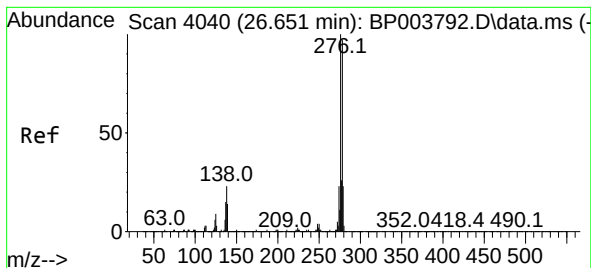
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.5 17.4 26.2

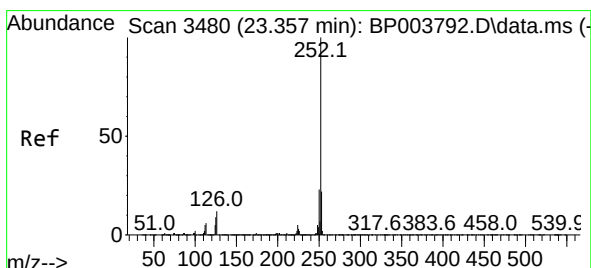
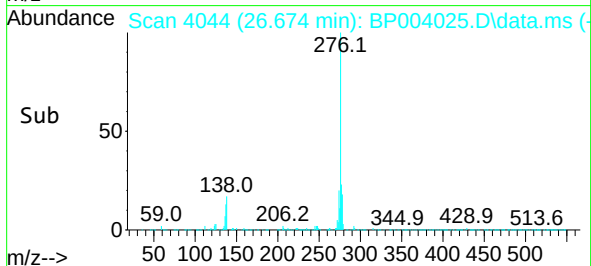
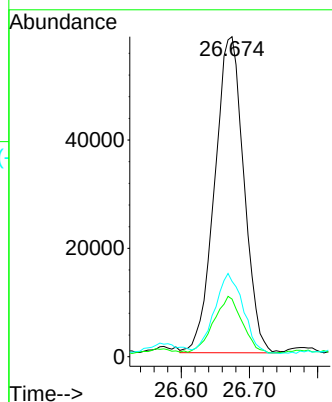
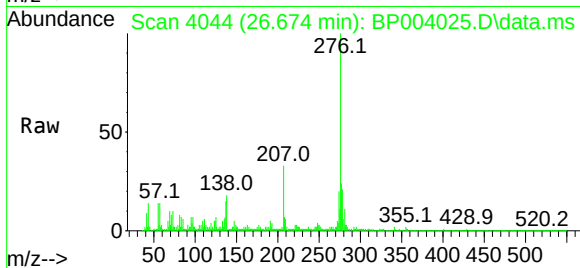




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.10 ng
RT: 26.674 min Scan# 4044
Delta R.T. -0.011 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

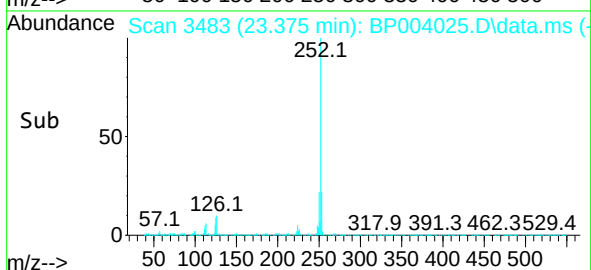
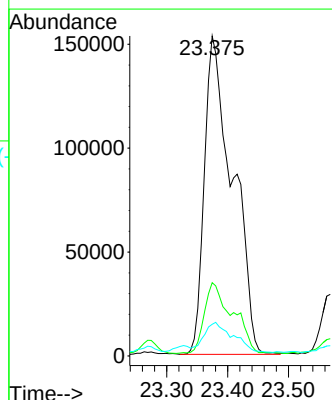
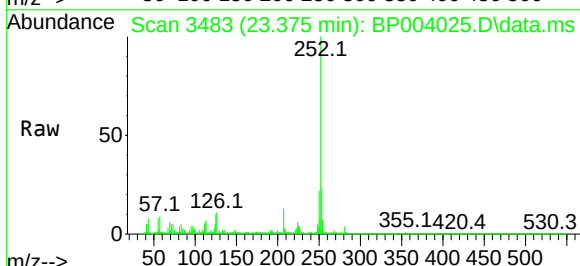
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

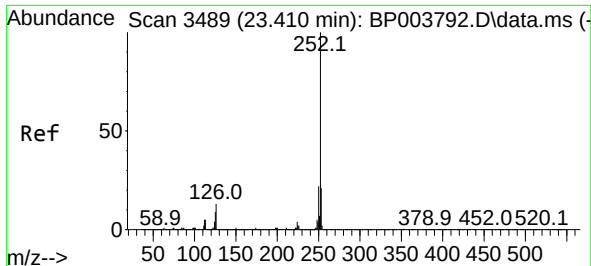
Tgt Ion:276 Resp: 173986
Ion Ratio Lower Upper
276 100
138 17.4 18.7 28.1#
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 12.84 ng
RT: 23.375 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:252 Resp: 494621
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.9 7.3 10.9

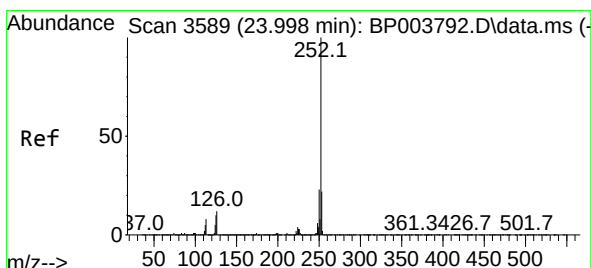
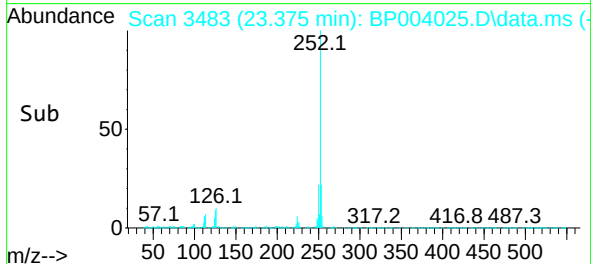
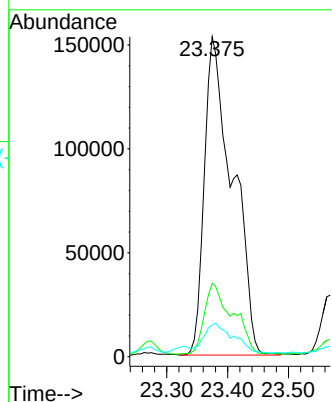
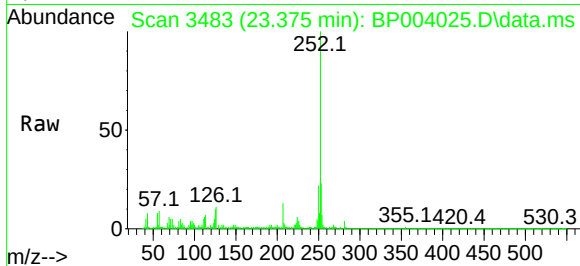




#89
Benzo(k)fluoranthene
Concen: 13.00 ng
RT: 23.375 min Scan# 3483
Delta R.T. -0.047 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

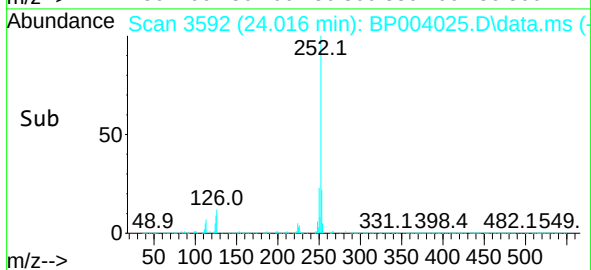
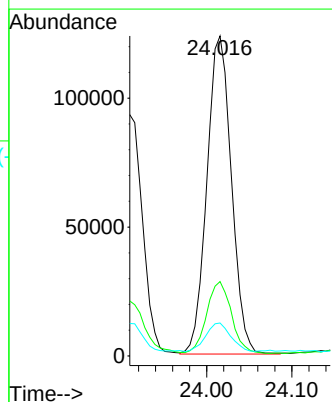
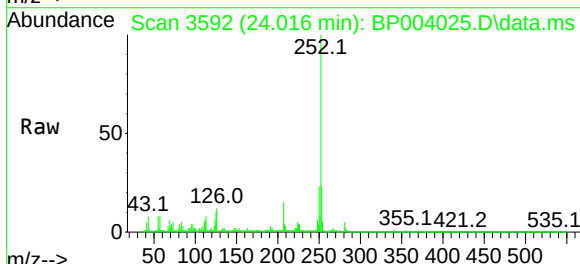
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-2

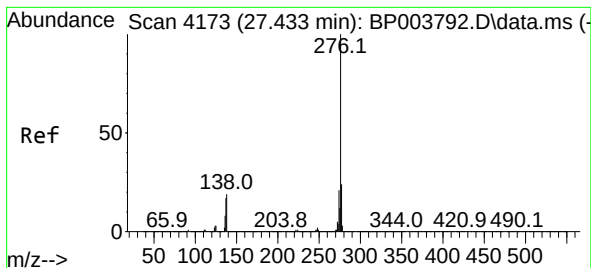
Tgt Ion:252 Resp: 494621
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.92 ng
RT: 24.016 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BP004025.D
Acq: 20 Nov 2020 15:15

Tgt Ion:252 Resp: 246959
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 10.3 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 5.23 ng

RT: 27.457 min Scan# 4177

Delta R.T. -0.011 min

Lab File: BP004025.D

Acq: 20 Nov 2020 15:15

Instrument :

BNA_P

ClientSampleId :

STOCKPILE-2

Tgt Ion:276 Resp: 179388

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 17.9 16.6 24.8

