

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120220\
 Data File : BP004128.D
 Acq On : 02 Dec 2020 14:27
 Operator : CG/JU
 Sample : L4911-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SK-12-1-SPD

Quant Time: Dec 02 14:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

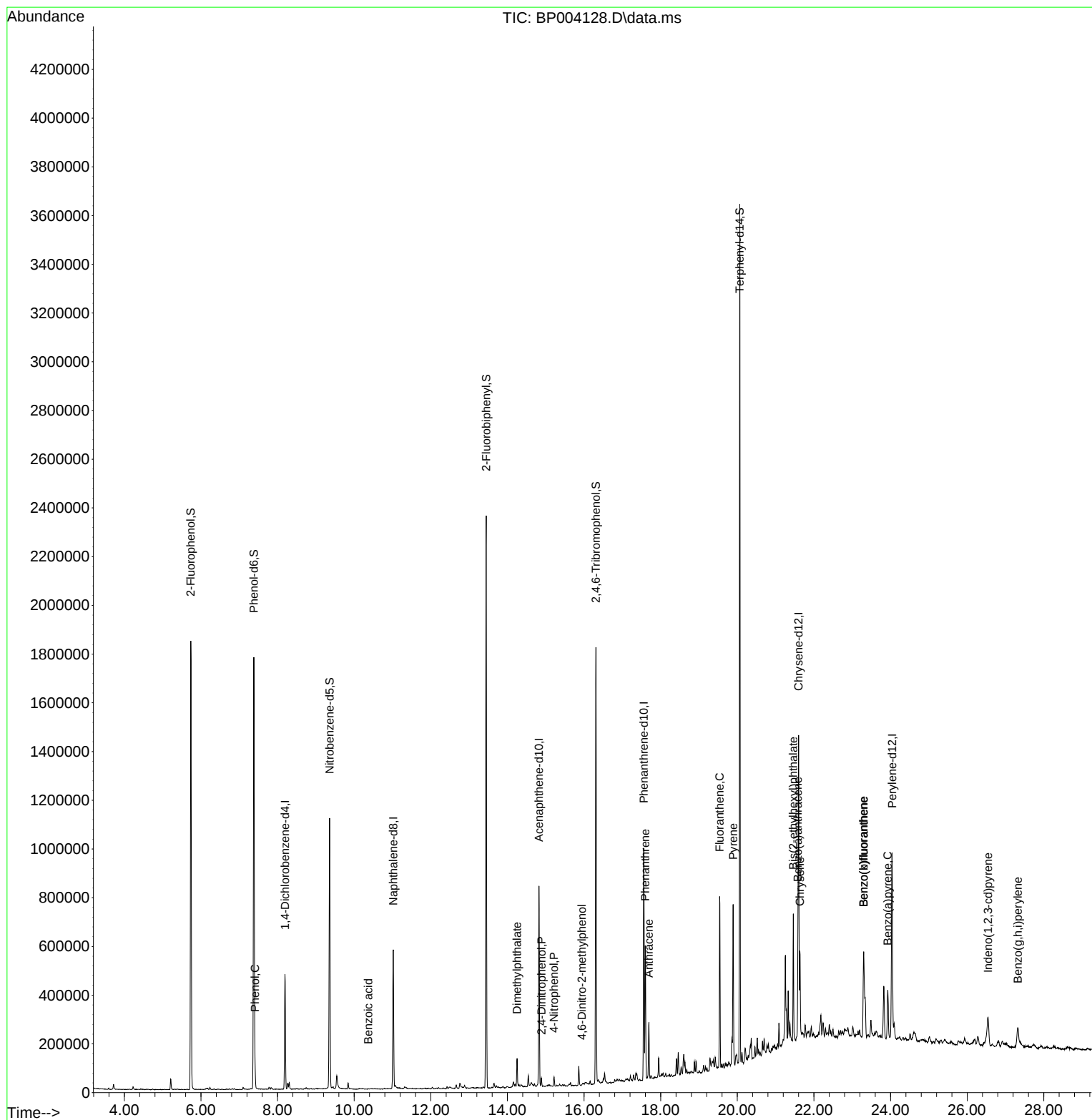
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	123385	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	457154	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	265579	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	551831	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	546453	20.00	ng	0.00
86) Perylene-d12	24.039	264	586553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	749762	101.42	ng	0.00
7) Phenol-d6	7.381	99	948662	89.39	ng	0.00
23) Nitrobenzene-d5	9.357	82	602646	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	321622	96.82	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	1185185	62.39	ng	0.00
79) Terphenyl-d14	20.063	244	1468979	51.94	ng	0.00
Target Compounds						
9) Benzaldehyde	7.310	77	1425	Below Cal	#	47
10) Phenol	7.410	94	48650	4.75	ng	79
32) Benzoic acid	10.369	122	199	8.35	ng	# 83
50) Dimethylphthalate	14.251	163	71106	3.43	ng	99
54) 2,4-Dinitrophenol	14.892	184	24	2.75	ng	# 1
56) 4-Nitrophenol	15.216	139	7737	2.28	ng	# 23
65) 4,6-Dinitro-2-methylph...	15.945	198	12	6.35	ng	# 1
71) Phenanthrene	17.598	178	322393	10.41	ng	99
72) Anthracene	17.692	178	142939	4.78	ng	99
75) Fluoranthene	19.539	202	412316	11.54	ng	98
78) Pyrene	19.892	202	391873	10.57	ng	98
81) Benzo(a)anthracene	21.580	228	193136	5.36	ng	97
83) Chrysene	21.633	228	228438	6.60	ng	98
84) Bis(2-ethylhexyl)phtha...	21.463	149	162439	7.98	ng	99
87) Indeno(1,2,3-cd)pyrene	26.545	276	117186	2.77	ng	95
88) Benzo(b)fluoranthene	23.298	252	403918	10.52	ng	97
89) Benzo(k)fluoranthene	23.298	252	403918	10.66	ng	97
90) Benzo(a)pyrene	23.927	252	148533	4.18	ng	97
92) Benzo(g,h,i)perylene	27.321	276	110805	3.25	ng	99

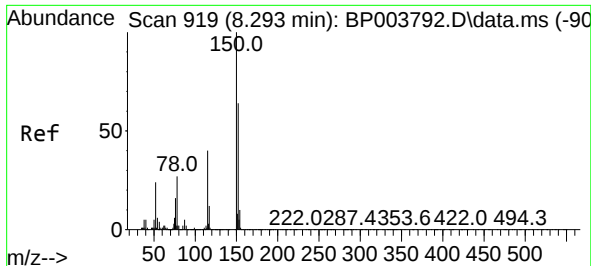
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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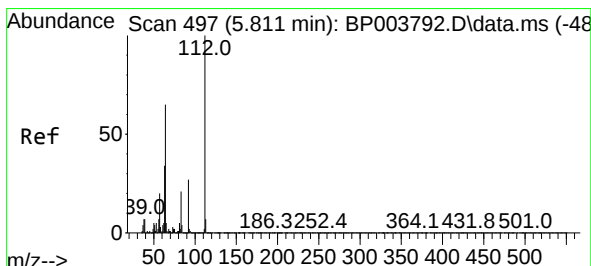
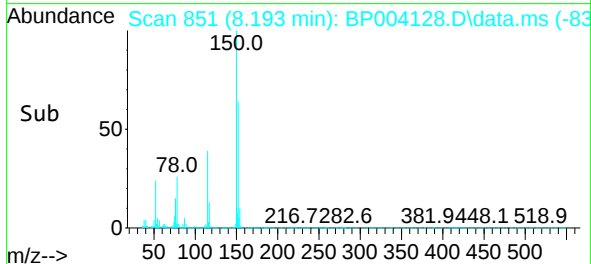
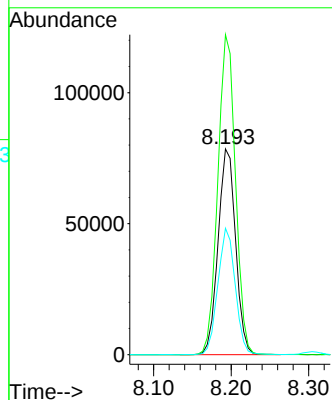
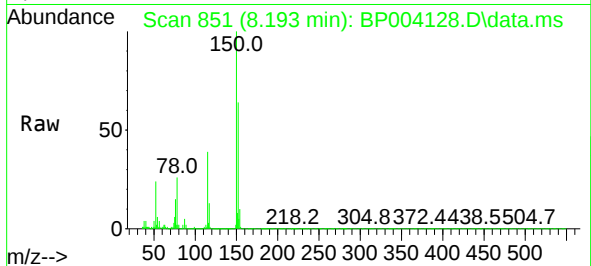




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

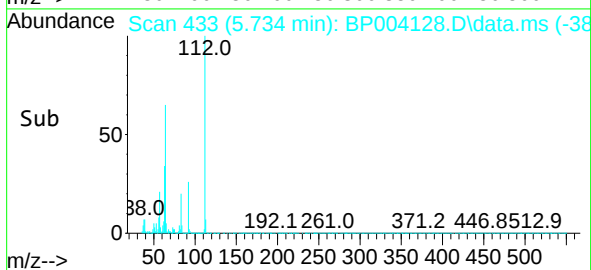
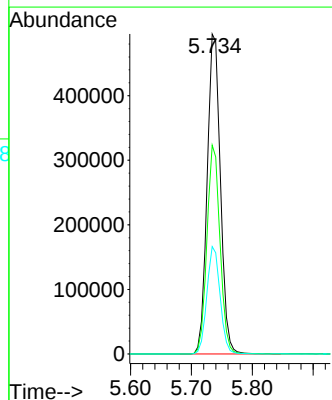
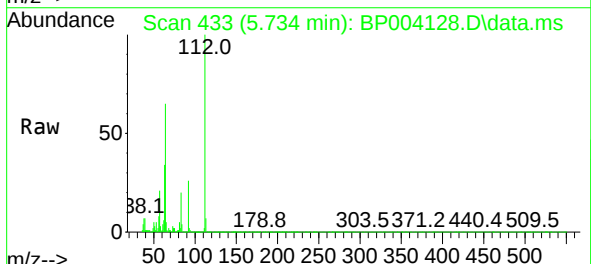
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

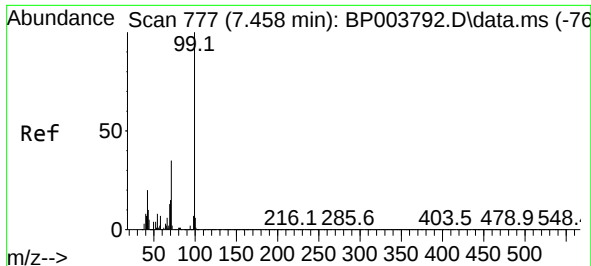
Tgt Ion:152 Resp: 123385
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 101.42 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:112 Resp: 749762
Ion Ratio Lower Upper
112 100
64 65.3 32.8 49.2#
63 33.6 17.0 25.4#

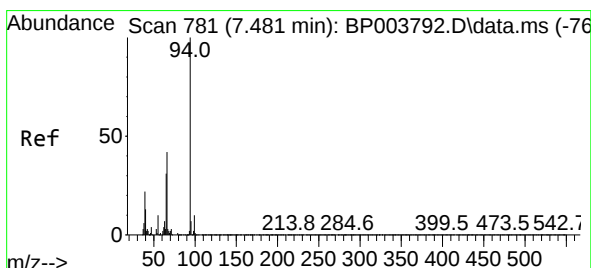
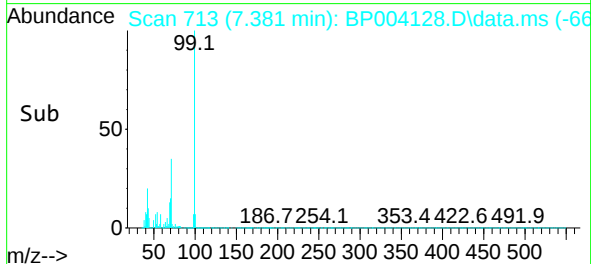
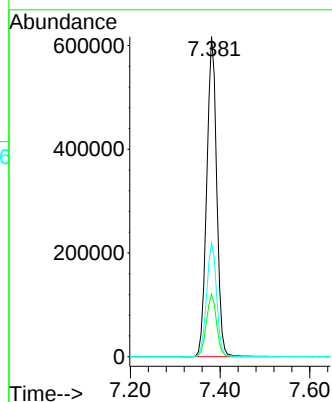
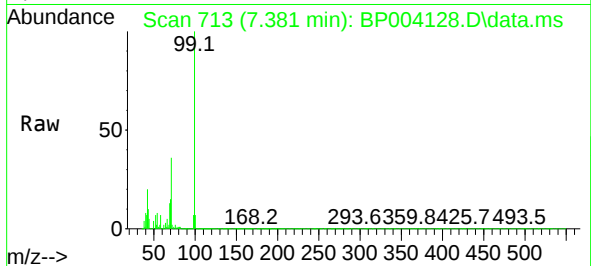




#7
Phenol-d6
Concen: 89.39 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

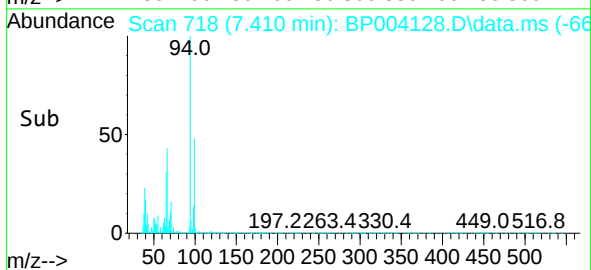
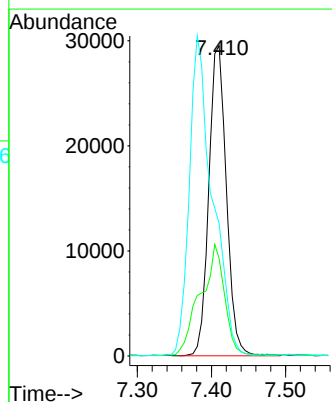
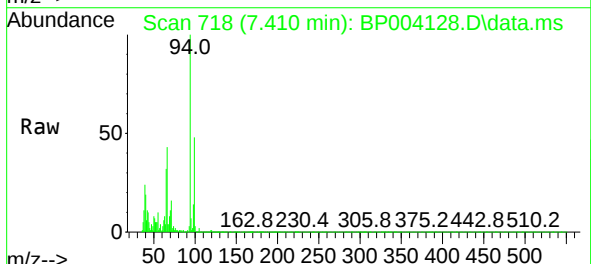
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

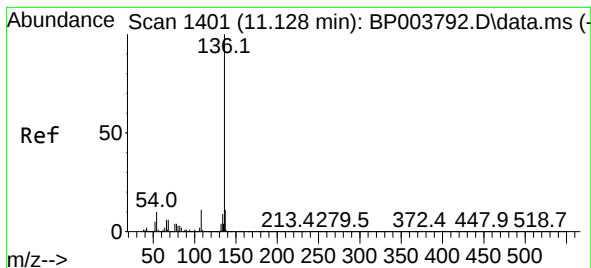
Tgt Ion: 99 Resp: 948662
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 35.5 23.4 35.2#



#10
Phenol
Concen: 4.75 ng
RT: 7.410 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion: 94 Resp: 48650
Ion Ratio Lower Upper
94 100
65 31.5 2.3 42.3
66 42.8 10.9 50.9

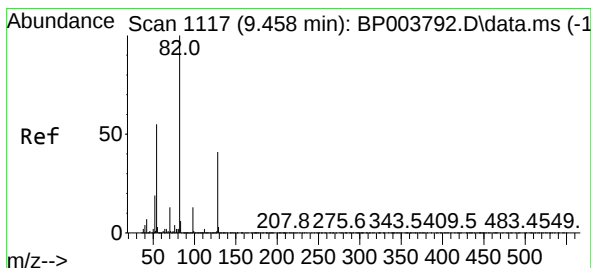
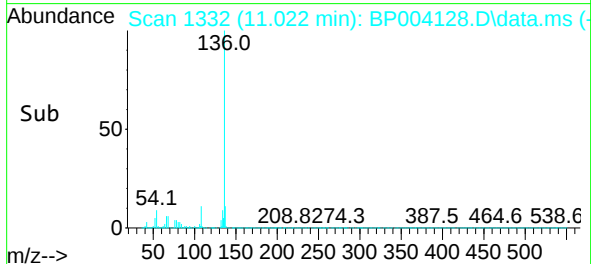
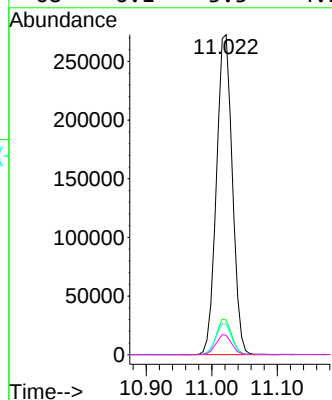
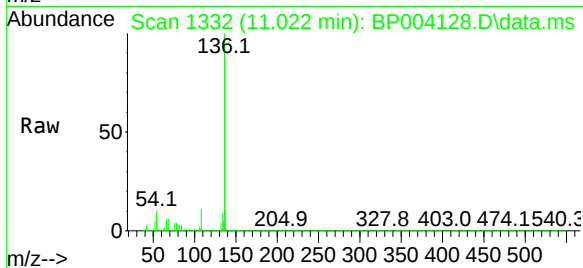




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

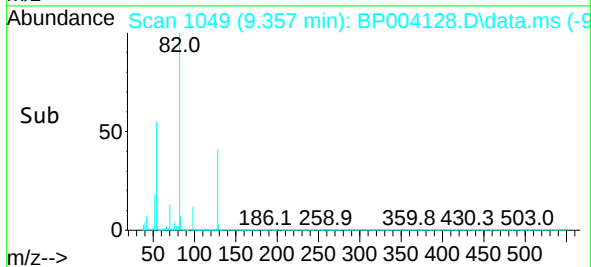
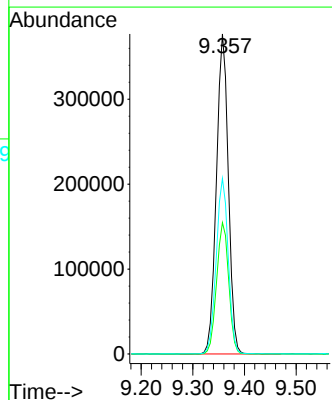
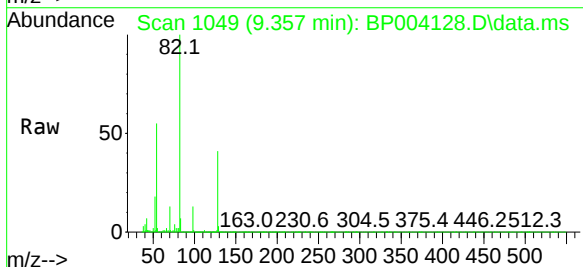
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

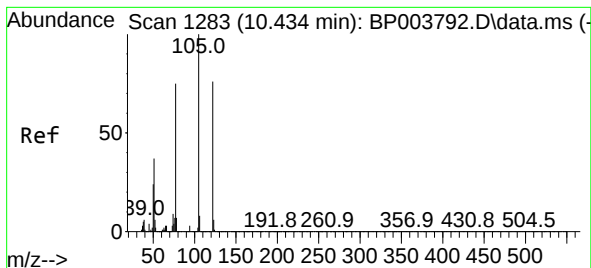
Tgt Ion:	136	Resp:	457154
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.5	3.6	5.4#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 64.56 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:	82	Resp:	602646
Ion Ratio	Lower	Upper	
82	100		
128	41.0	45.6	68.4#
54	54.9	30.1	45.1#





#32

Benzoic acid

Concen: 8.35 ng

RT: 10.369 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

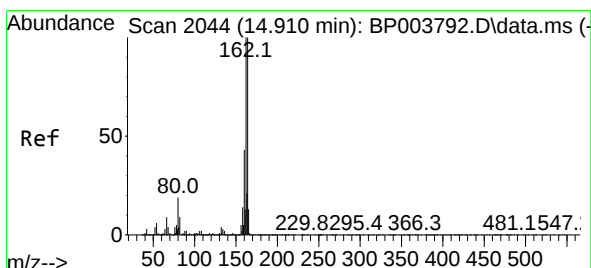
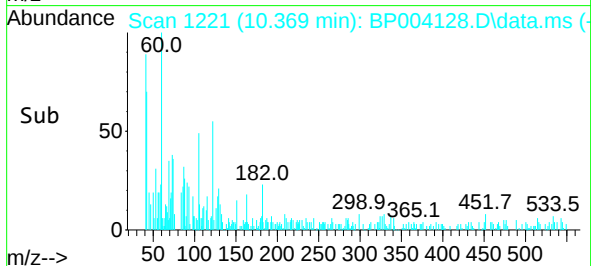
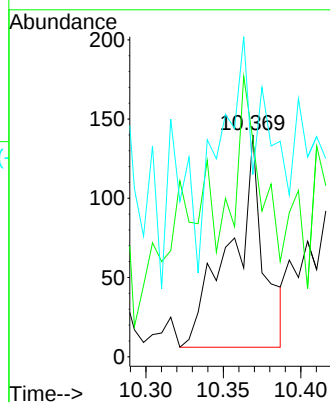
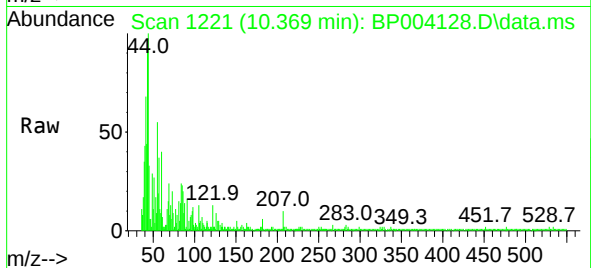
Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPD

Tgt Ion:122	Resp:	199
Ion Ratio	Lower	Upper
122	100	
105	84.6	94.1 134.1#
77	71.0	50.1 90.1



#39

Acenaphthene-d10

Concen: 20.00 ng

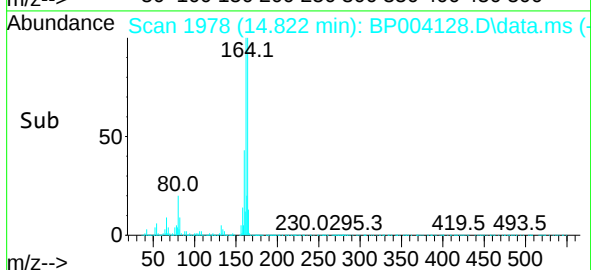
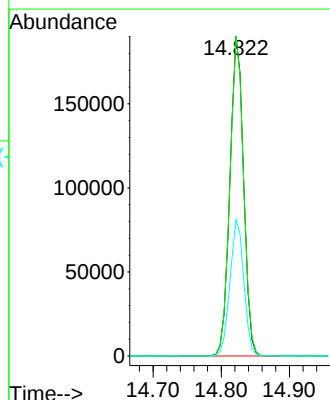
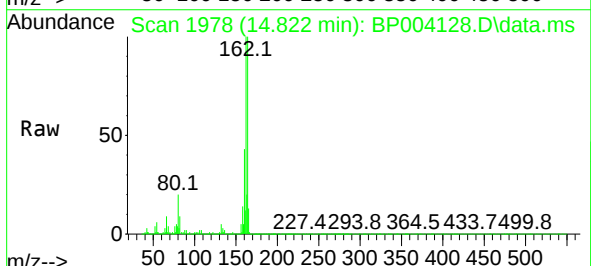
RT: 14.822 min Scan# 1978

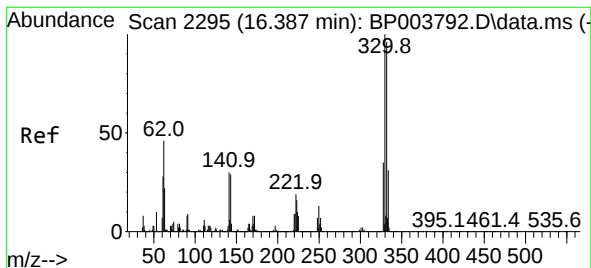
Delta R.T. -0.006 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

Tgt Ion:164	Resp:	265579
Ion Ratio	Lower	Upper
164	100	
162	99.9	79.4 119.2
160	42.6	36.1 54.1

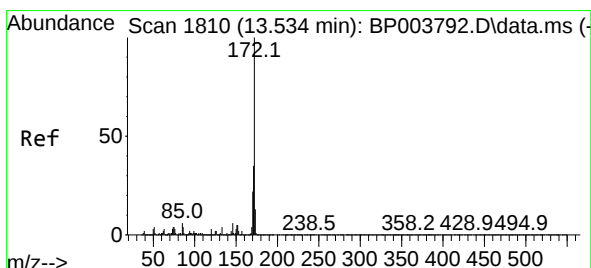
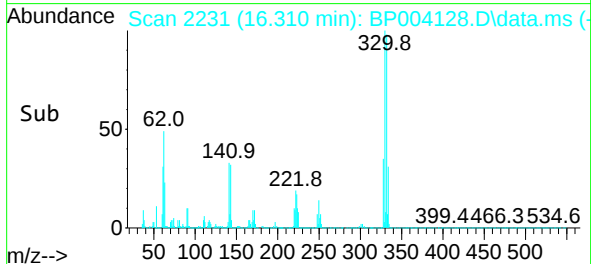
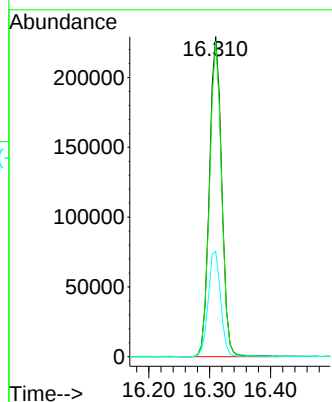
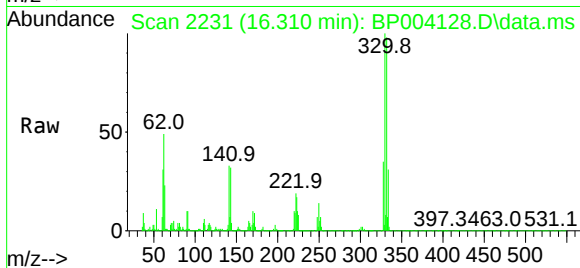




#42
2,4,6-Tribromophenol
Concen: 96.82 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

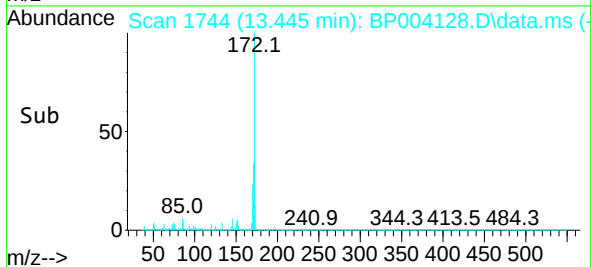
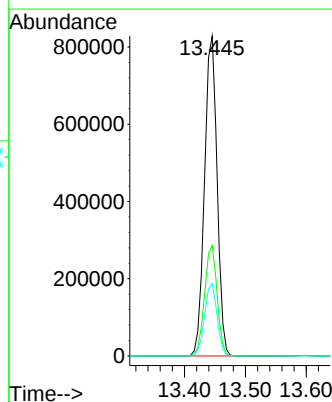
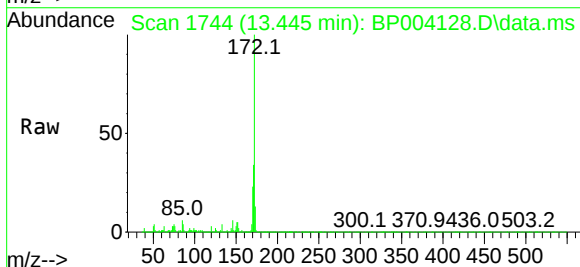
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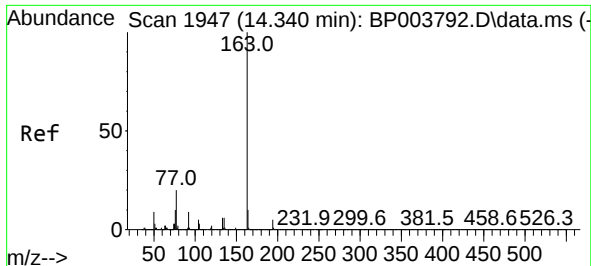
Tgt Ion: 330 Resp: 321622
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 33.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.39 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion: 172 Resp: 1185185
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.6 19.2 28.8

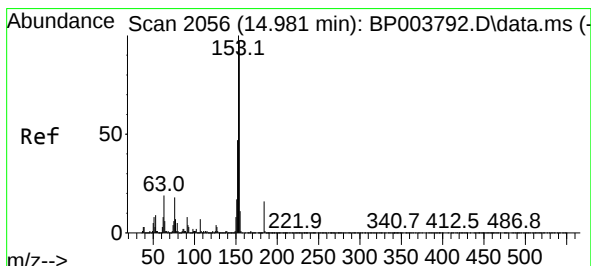
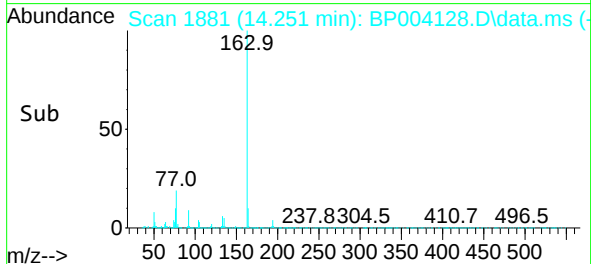
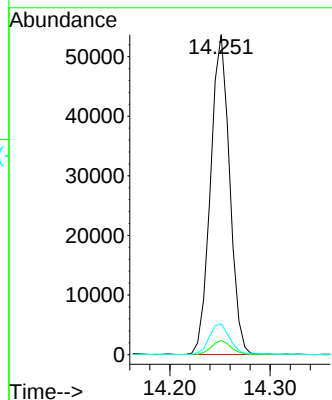
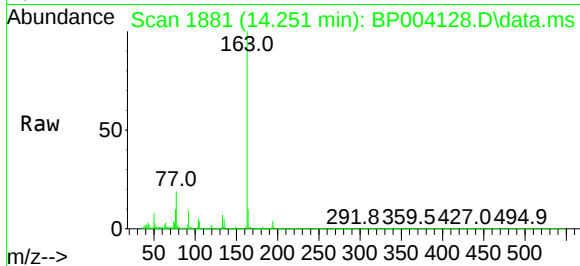




#50
Dimethylphthalate
Concen: 3.43 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

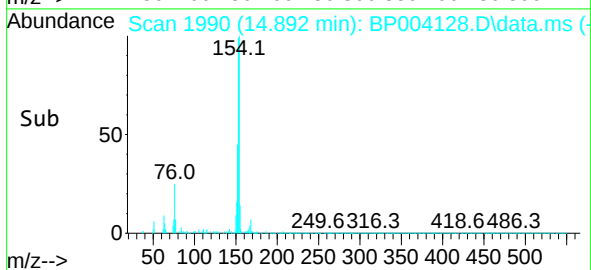
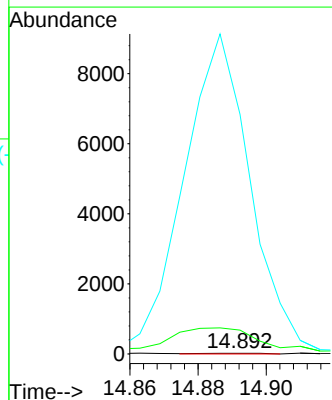
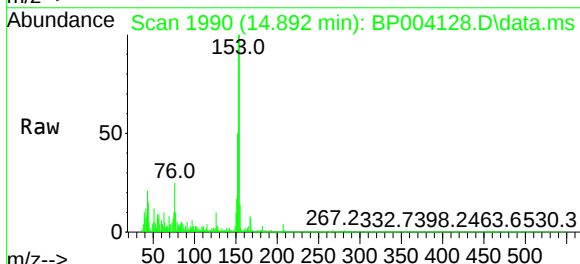
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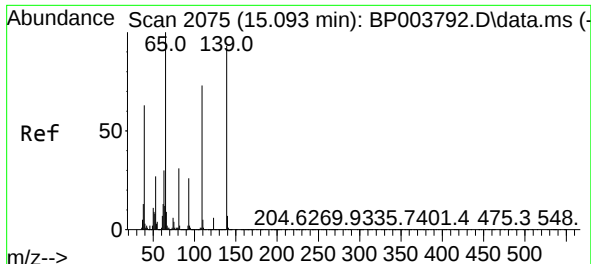
Tgt Ion:163 Resp: 71106
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.6 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.036 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 3584.2 32.3 48.5#
154 35989.5 49.1 73.7#

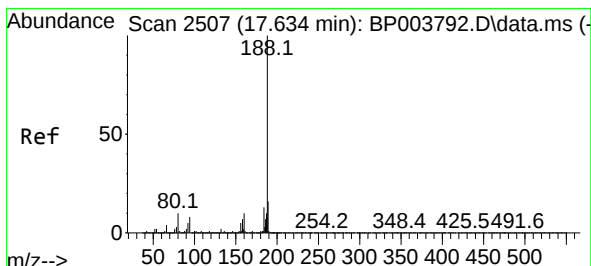
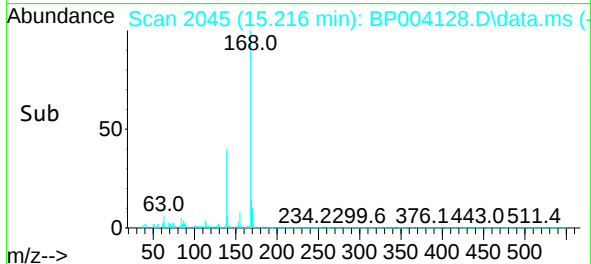
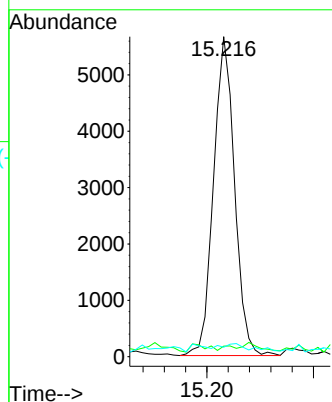
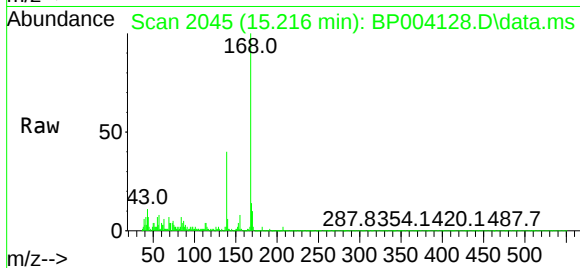




#56
4-Nitrophenol
Concen: 2.28 ng
RT: 15.216 min Scan# 2045
Delta R.T. 0.164 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

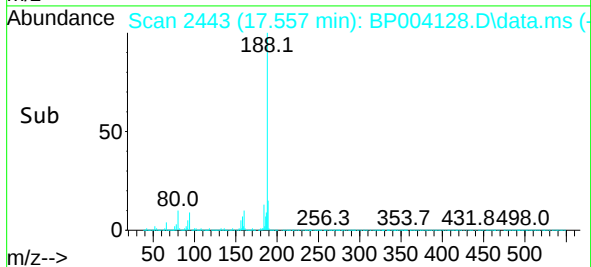
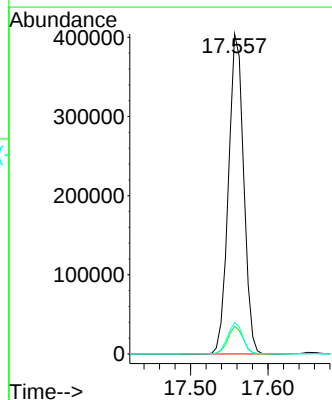
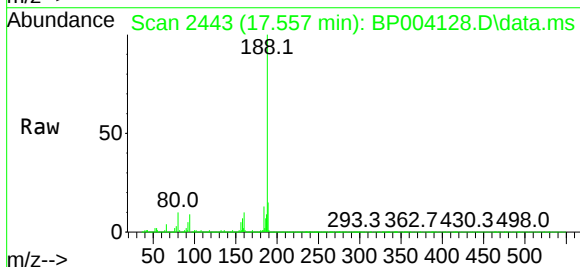
Instrument :
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SK-12-1-SPD

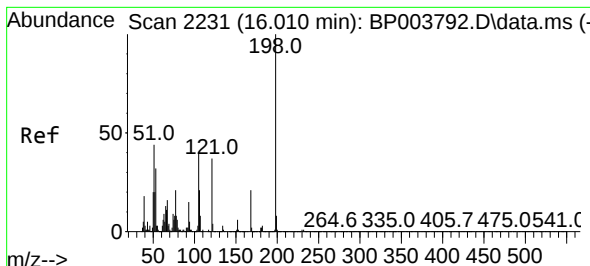
Tgt Ion:139 Resp: 7737
Ion Ratio Lower Upper
139 100
109 3.3 44.6 84.6#
65 3.0 41.6 81.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:188 Resp: 551831
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.8 6.2 9.2#

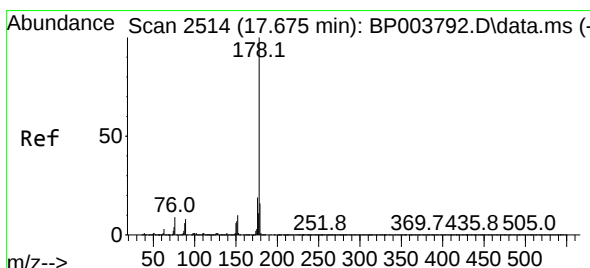
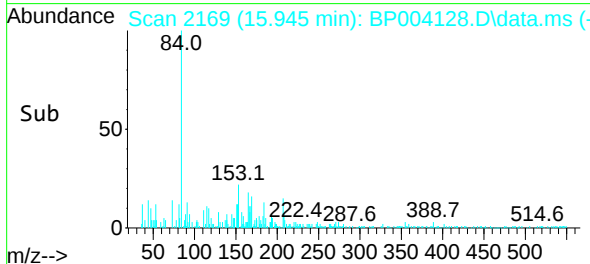
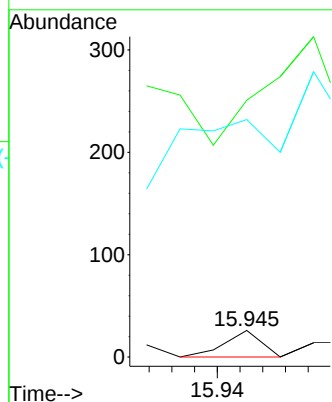
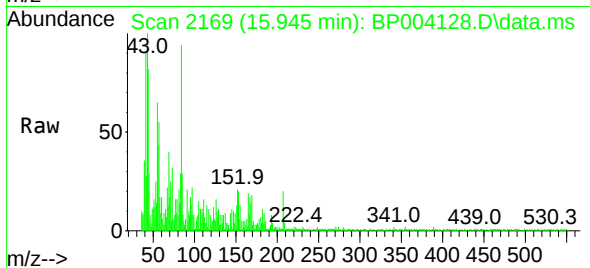




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

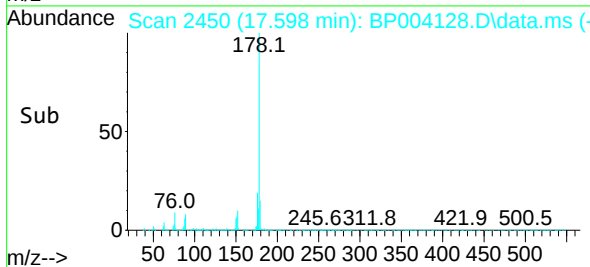
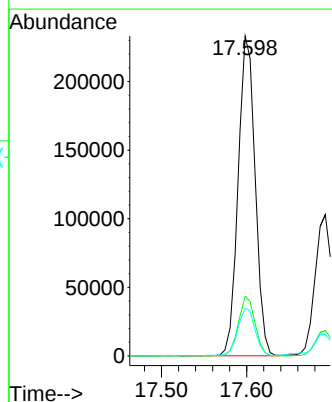
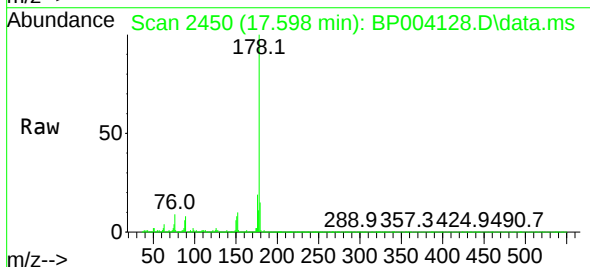
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

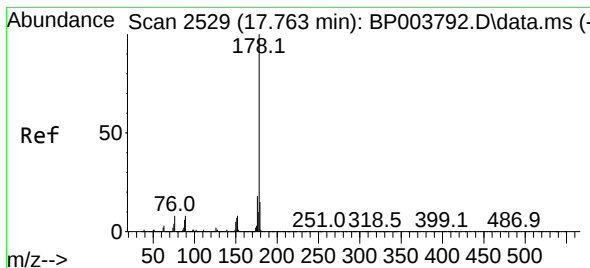
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 965.4 6.4 46.4#
105 892.3 18.9 58.9#



#71
Phenanthrene
Concen: 10.41 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:178 Resp: 322393
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 12.5 18.7





#72

Anthracene

Concen: 4.78 ng

RT: 17.692 min Scan# 2466

Delta R.T. -0.000 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

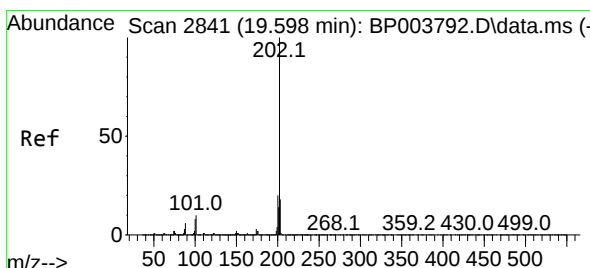
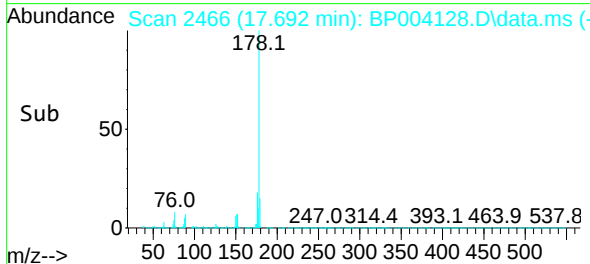
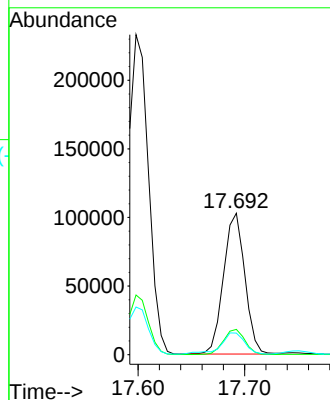
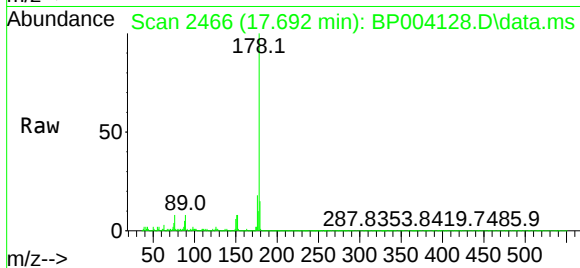
Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPD

Tgt Ion:178	Resp:	142939
Ion Ratio	Lower	Upper
178	100	
176	17.8	15.0 22.4
179	15.3	12.5 18.7



#75

Fluoranthene

Concen: 11.54 ng

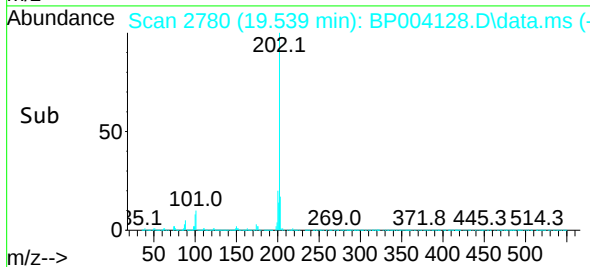
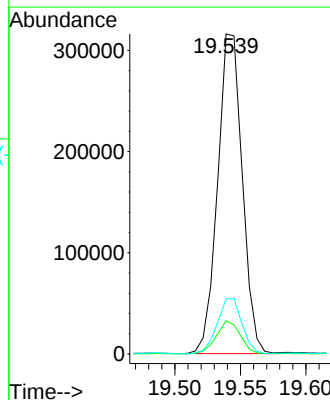
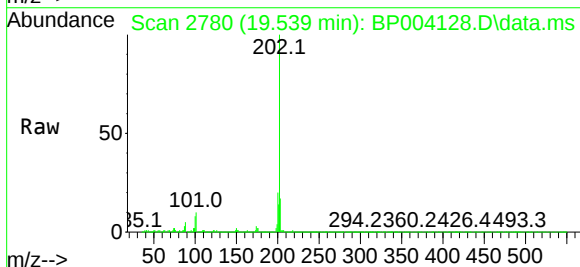
RT: 19.539 min Scan# 2780

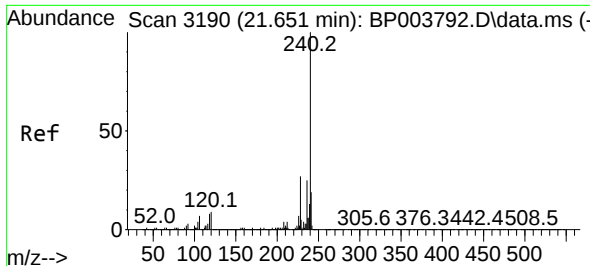
Delta R.T. -0.006 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

Tgt Ion:202	Resp:	412316
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 29.4
203	17.2	0.0 37.8

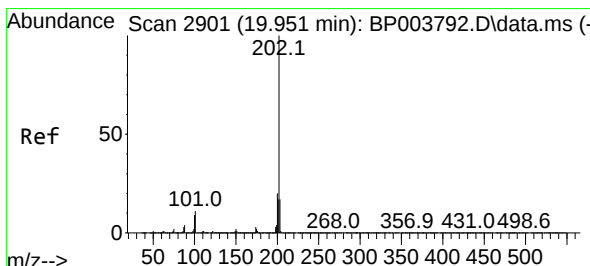
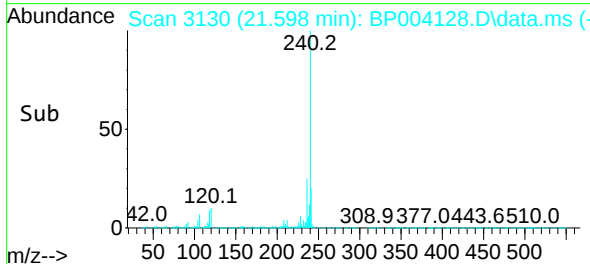
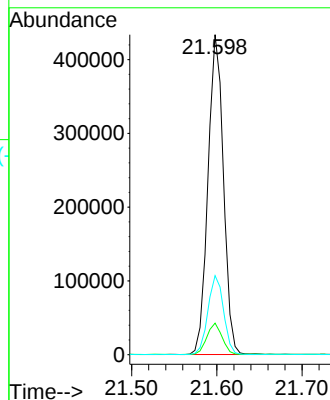
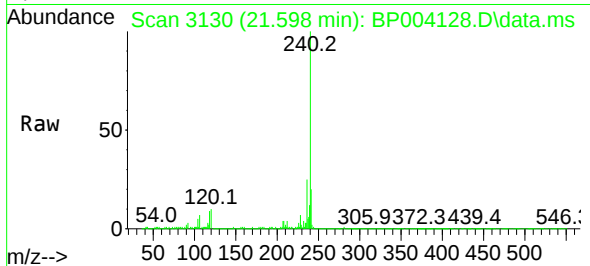




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

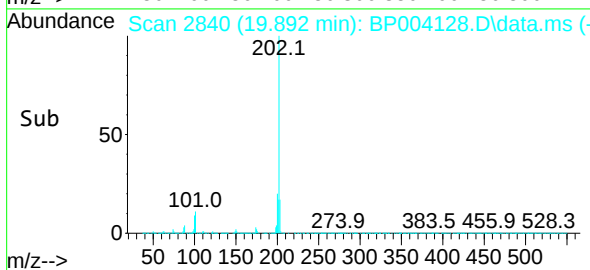
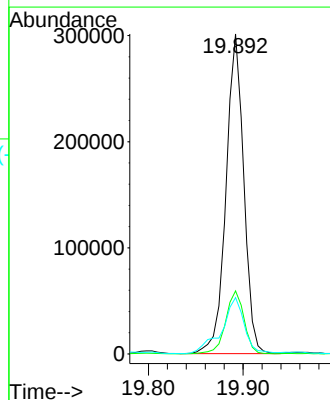
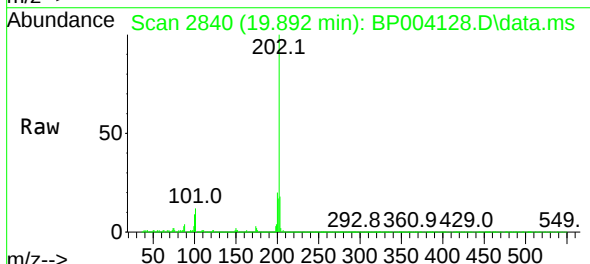
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

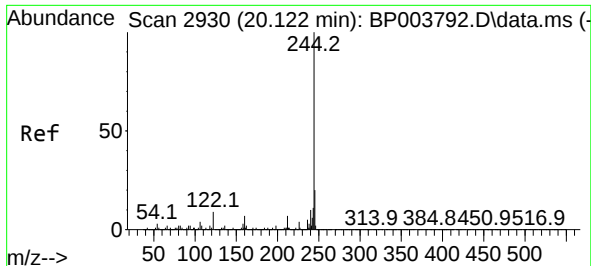
Tgt Ion:240 Resp: 546453
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 24.7 20.8 31.2



#78
Pyrene
Concen: 10.57 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:202 Resp: 391873
Ion Ratio Lower Upper
202 100
200 19.7 17.1 25.7
203 17.6 14.2 21.2

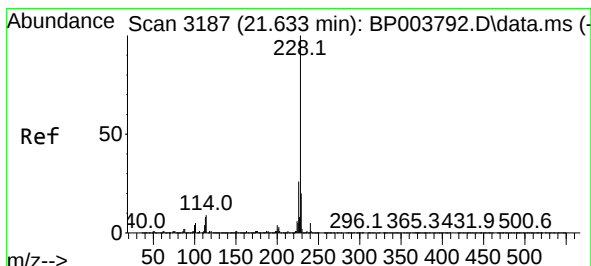
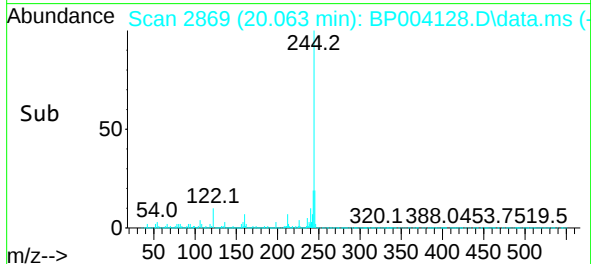
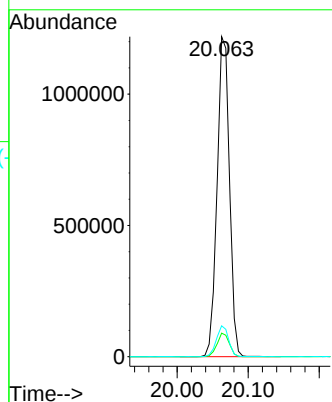
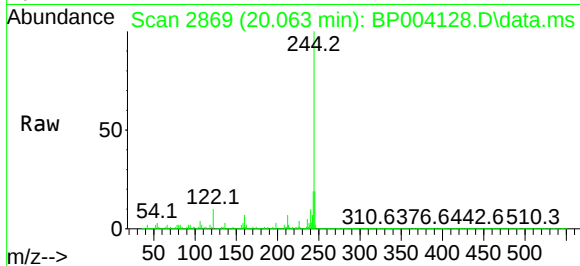




#79
 Terphenyl-d14
 Concen: 51.94 ng
 RT: 20.063 min Scan# 2869
 Delta R.T. -0.006 min
 Lab File: BP004128.D
 Acq: 02 Dec 2020 14:27

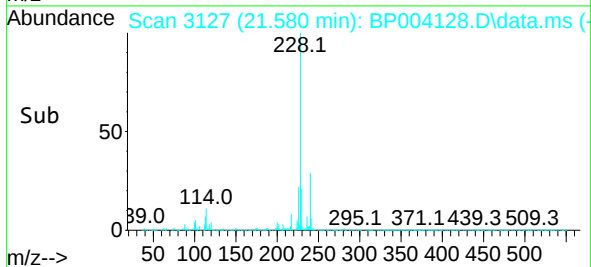
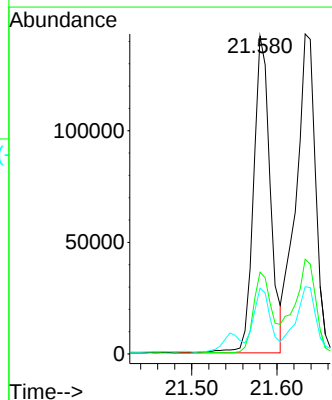
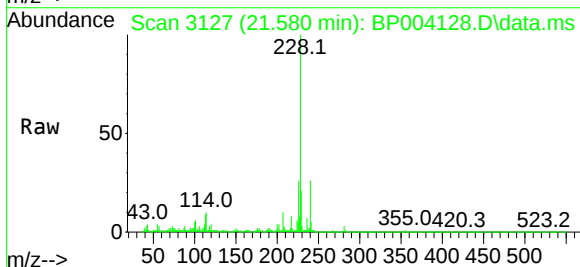
Instrument :
 BNA_P
 ClientSampleId :
 SK-12-1-SPD

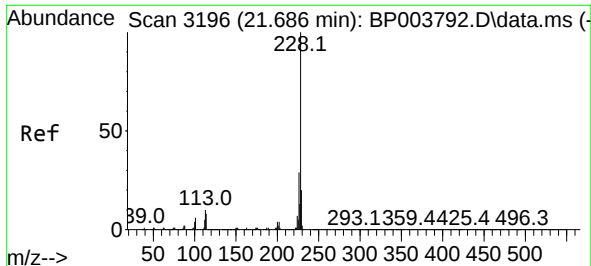
Tgt Ion:244 Resp: 1468979
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.7 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 5.36 ng
 RT: 21.580 min Scan# 3127
 Delta R.T. -0.006 min
 Lab File: BP004128.D
 Acq: 02 Dec 2020 14:27

Tgt Ion:228 Resp: 193136
 Ion Ratio Lower Upper
 228 100
 226 25.7 22.1 33.1
 229 20.7 15.9 23.9

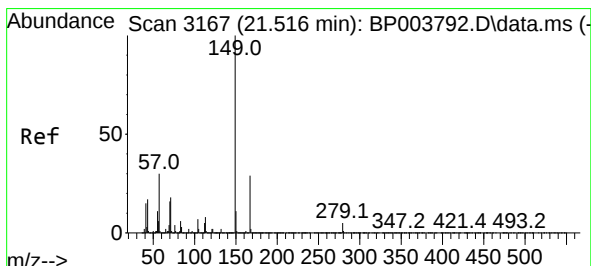
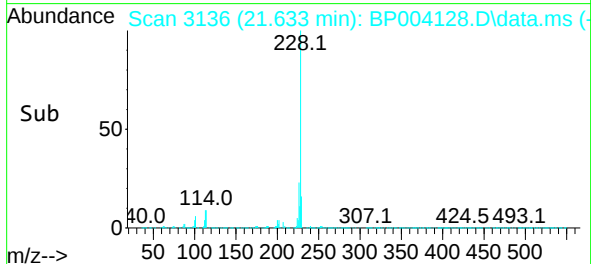
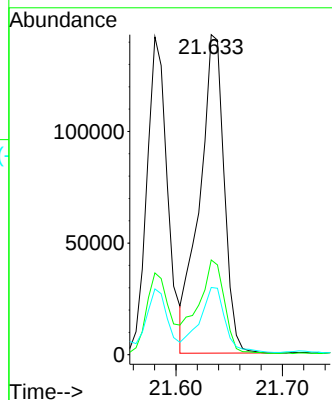
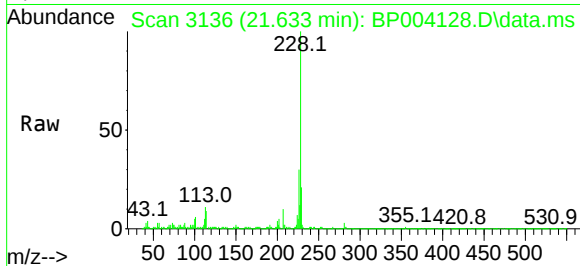




#83
Chrysene
Concen: 6.60 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

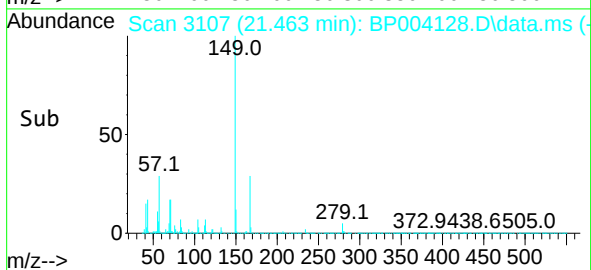
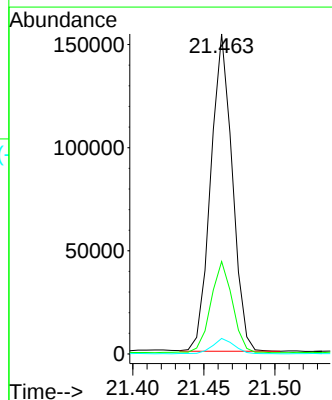
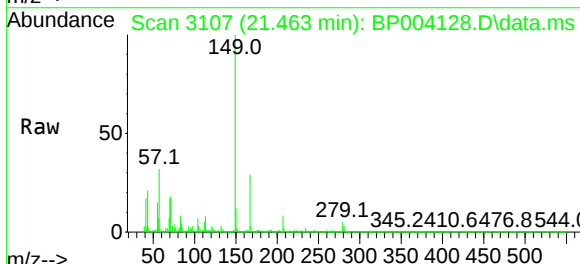
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

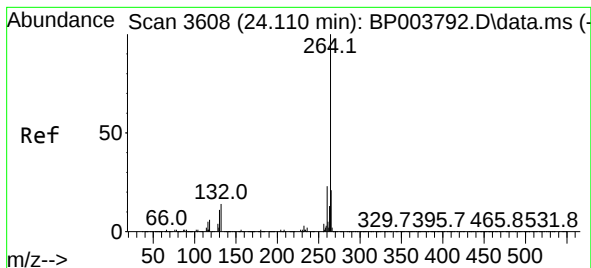
Tgt Ion:228	Resp: 228438
Ion Ratio	Lower Upper
228 100	
226 29.6	24.4 36.6
229 21.0	15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.98 ng
RT: 21.463 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:149	Resp: 162439
Ion Ratio	Lower Upper
149 100	
167 28.9	22.6 34.0
279 4.8	4.2 6.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.039 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPD

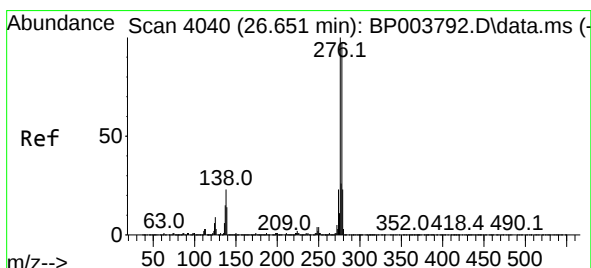
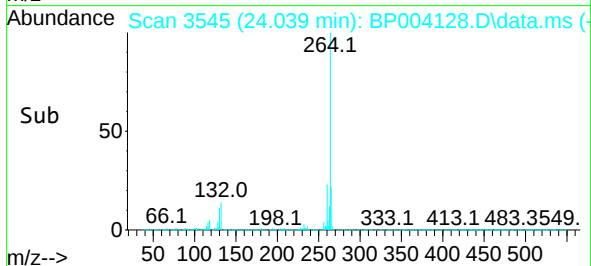
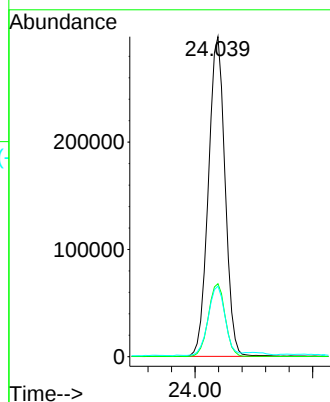
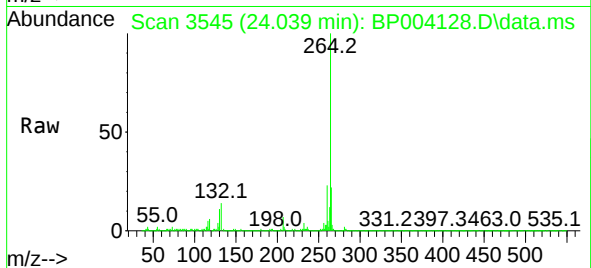
Tgt Ion:264 Resp: 586553

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 22.1 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.77 ng

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP004128.D

Acq: 02 Dec 2020 14:27

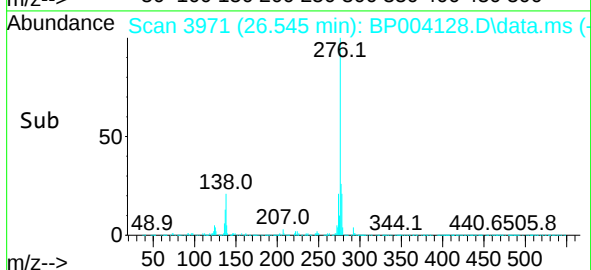
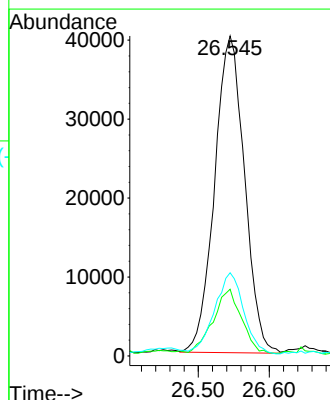
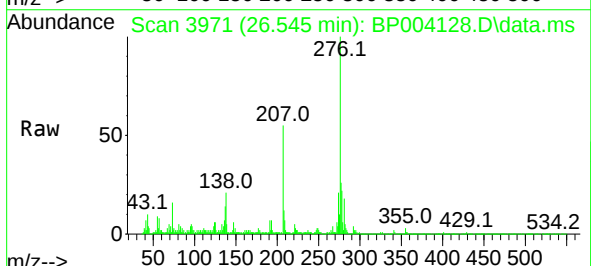
Tgt Ion:276 Resp: 117186

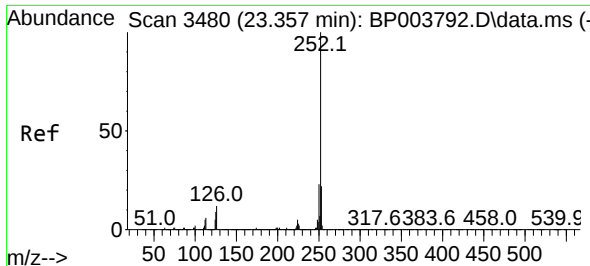
Ion Ratio Lower Upper

276 100

138 19.2 18.7 28.1

277 24.9 20.4 30.6

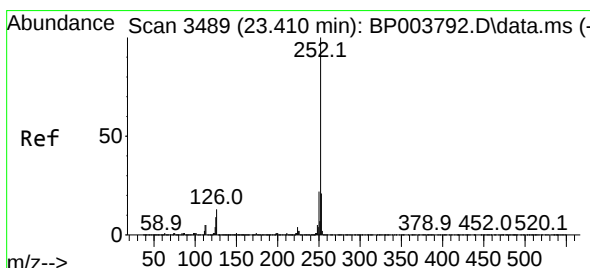
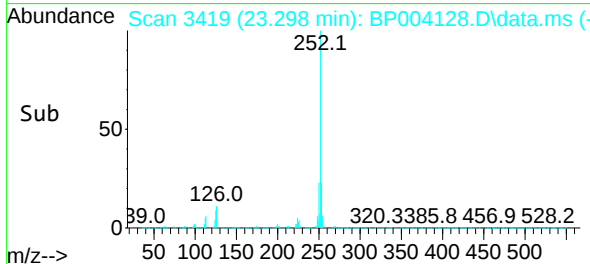
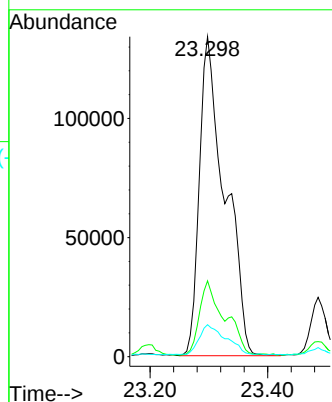
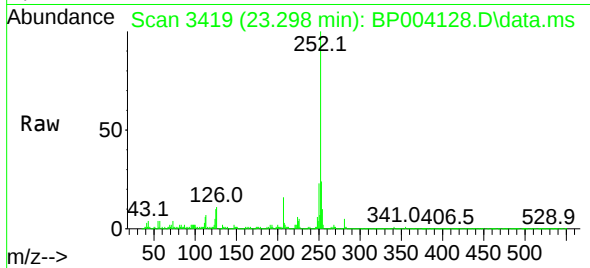




#88
Benzo(b)fluoranthene
Concen: 10.52 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

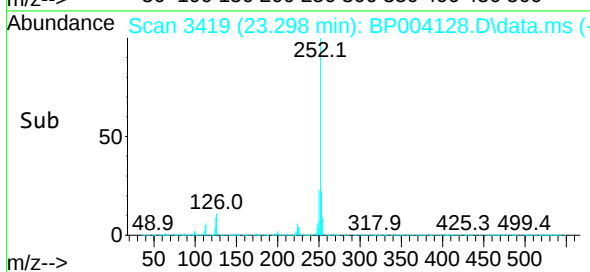
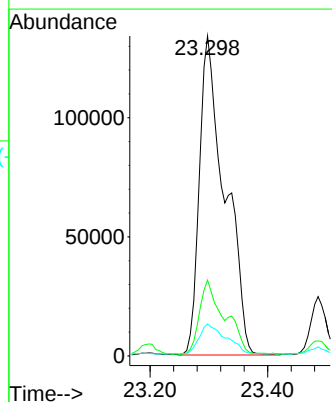
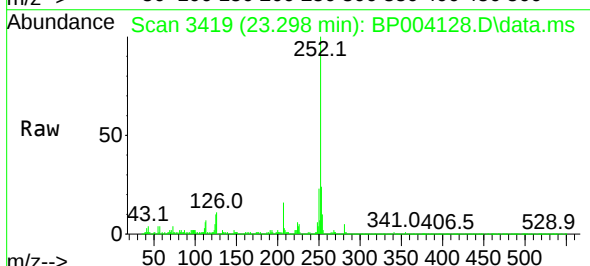
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

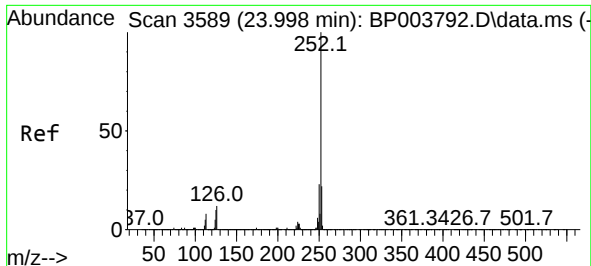
Tgt Ion:252 Resp: 403918
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.0 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 10.66 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:252 Resp: 403918
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.0 7.4 11.2

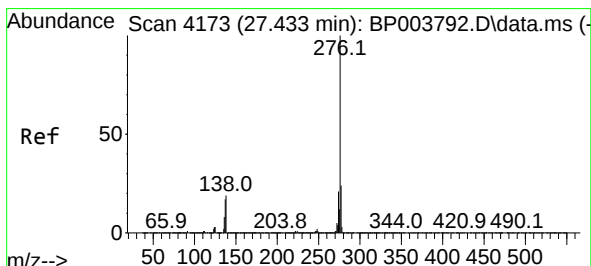
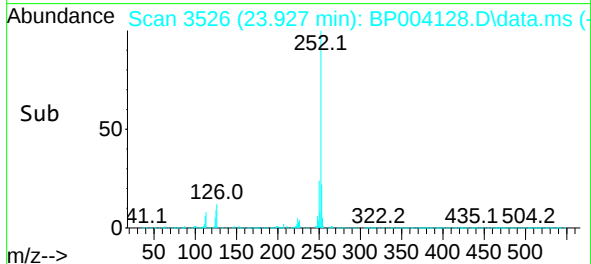
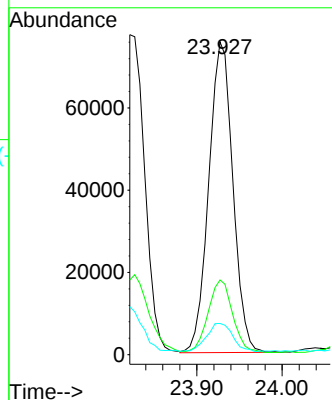
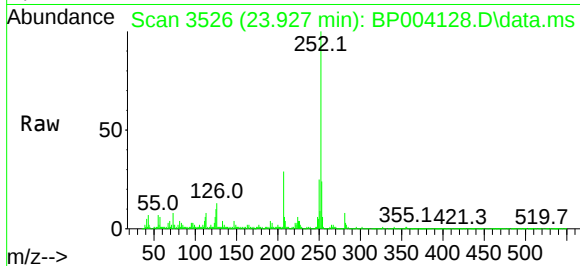




#90
Benzo(a)pyrene
Concen: 4.18 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPD

Tgt Ion:252 Resp: 148533
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 10.0 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 3.25 ng
RT: 27.321 min Scan# 4103
Delta R.T. -0.012 min
Lab File: BP004128.D
Acq: 02 Dec 2020 14:27

Tgt Ion:276 Resp: 110805
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 20.1 16.6 24.8

