

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120220\
 Data File : BP004127.D
 Acq On : 02 Dec 2020 13:53
 Operator : CG/JU
 Sample : L4911-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 02 14:25:02 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)

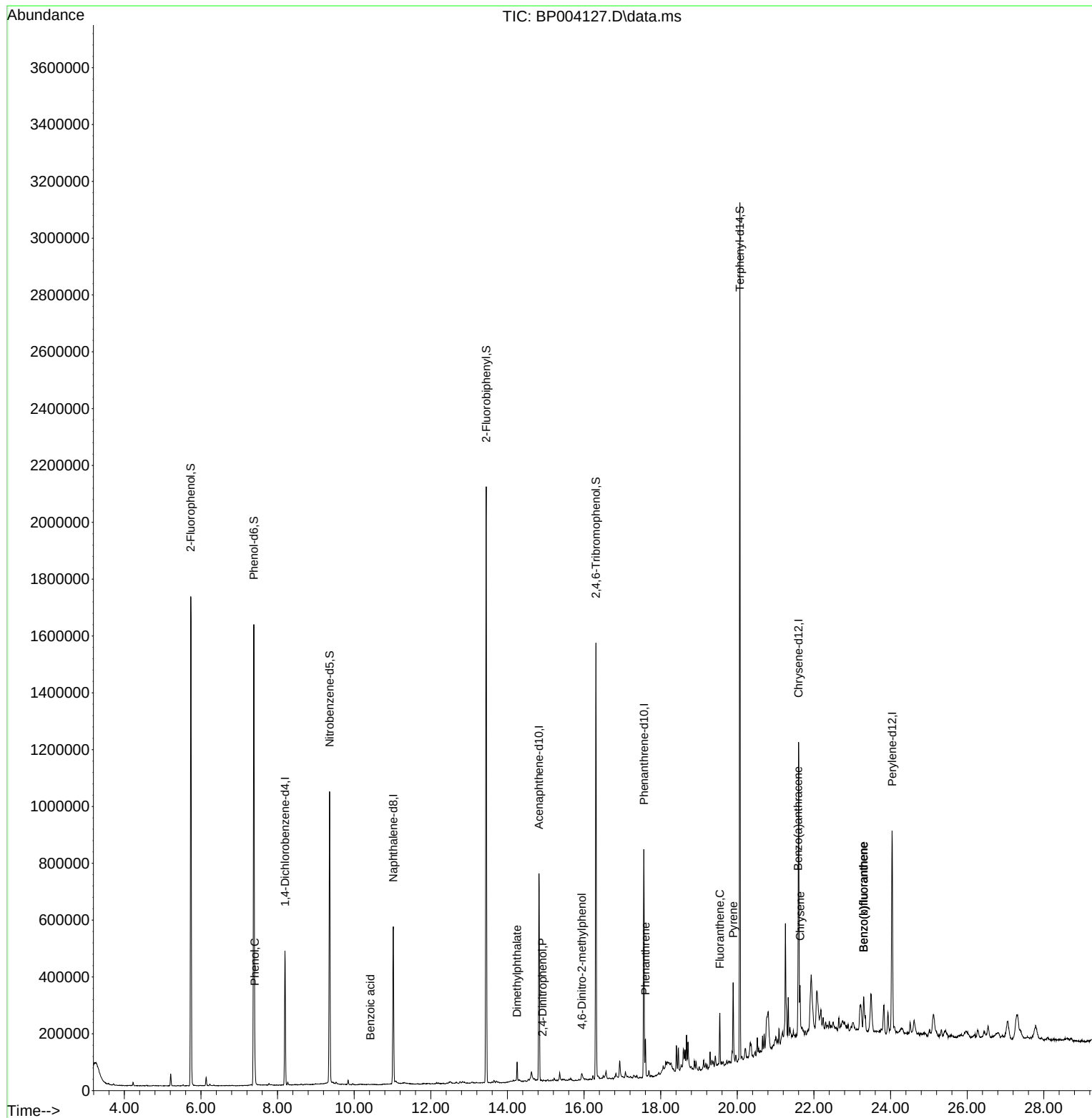
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	123207	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	443393	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	244339	20.00	ng	0.00
64) Phenanthrene-d10	17.563	188	486845	20.00	ng	0.00
76) Chrysene-d12	21.598	240	485772	20.00	ng	0.00
86) Perylene-d12	24.039	264	535691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	695747	94.25	ng	0.00
7) Phenol-d6	7.381	99	864082	81.54	ng	0.00
23) Nitrobenzene-d5	9.357	82	554592	61.26	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	272585	89.19	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	1066851	61.04	ng	0.00
79) Terphenyl-d14	20.069	244	1258384	50.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.310	77	1222	Below Cal	#	58
10) Phenol	7.404	94	35364	3.46	ng	72
32) Benzoic acid	10.422	122	67	8.32	ng	# 78
50) Dimethylphthalate	14.251	163	41534	2.17	ng	99
54) 2,4-Dinitrophenol	14.916	184	60	2.77	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.945	198	24	6.35	ng	# 1
71) Phenanthrene	17.604	178	80040	2.93	ng	99
75) Fluoranthene	19.545	202	104793	3.32	ng	98
78) Pyrene	19.892	202	166866	5.06	ng	99
81) Benzo(a)anthracene	21.586	228	83095	2.59	ng	99
83) Chrysene	21.639	228	102056	3.32	ng	98
88) Benzo(b)fluoranthene	23.298	252	137446	3.92	ng	98
89) Benzo(k)fluoranthene	23.298	252	137446	3.97	ng	98

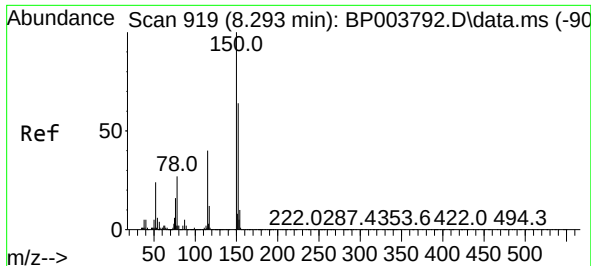
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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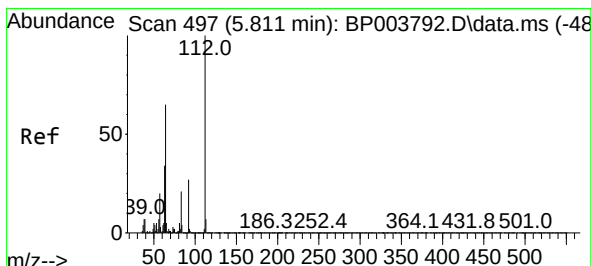
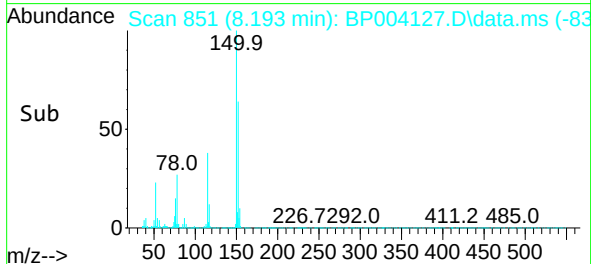
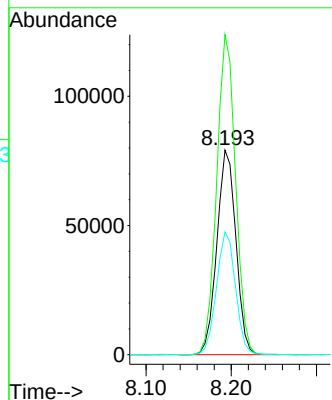
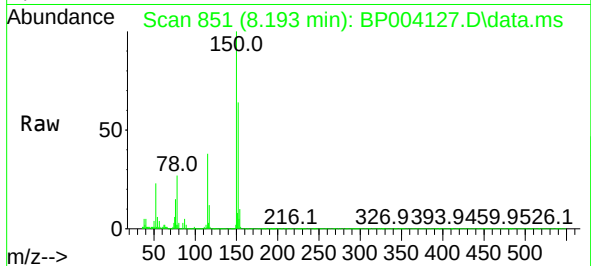




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

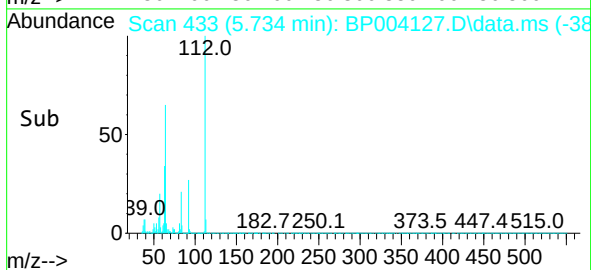
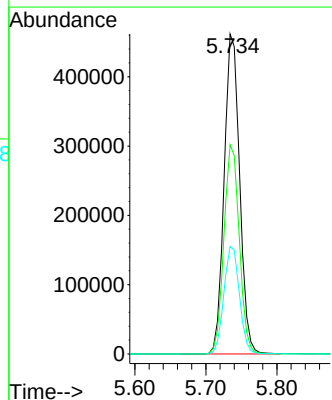
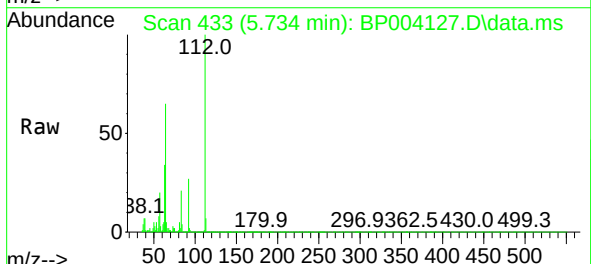
Instrument :
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SK-12-1-SPE

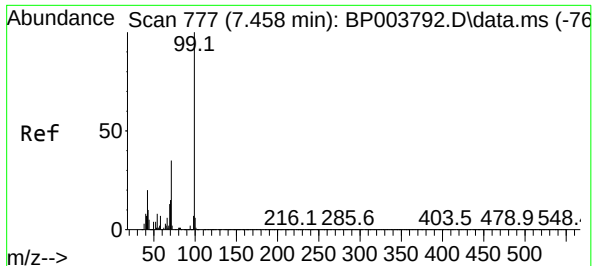
Tgt Ion:152 Resp: 123207
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 60.0 43.8 65.6



#5
2-Fluorophenol
Concen: 94.25 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:112 Resp: 695747
Ion Ratio Lower Upper
112 100
64 65.4 32.8 49.2#
63 33.6 17.0 25.4#

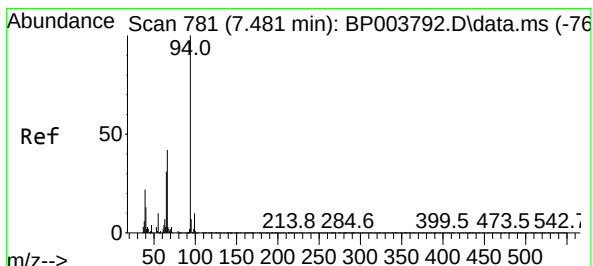
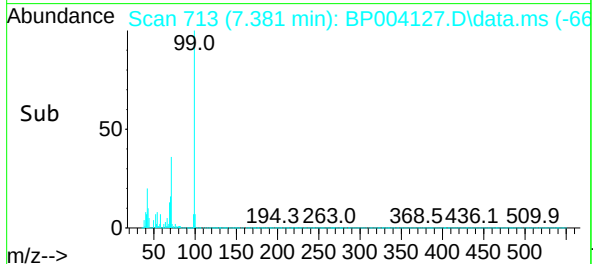
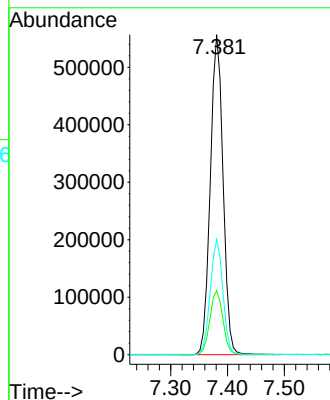
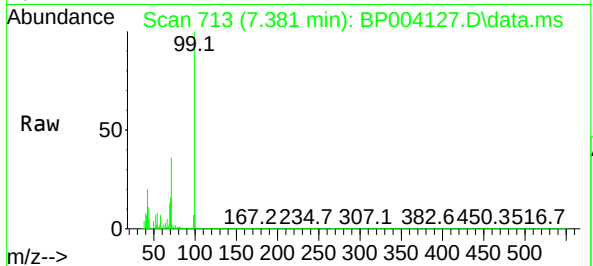




#7
Phenol-d6
Concen: 81.54 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

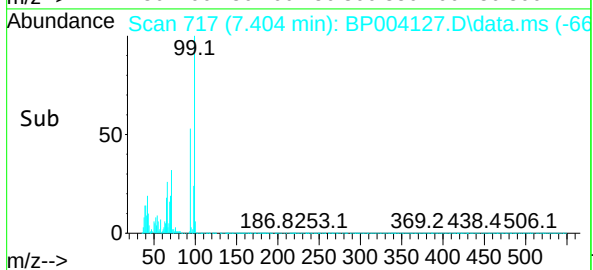
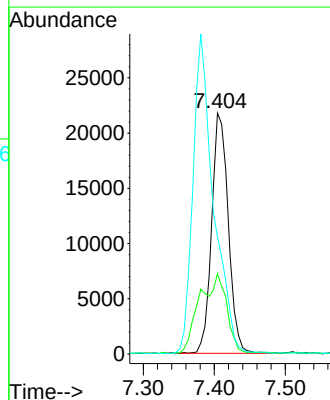
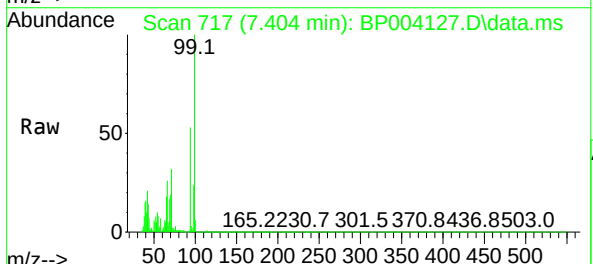
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPE

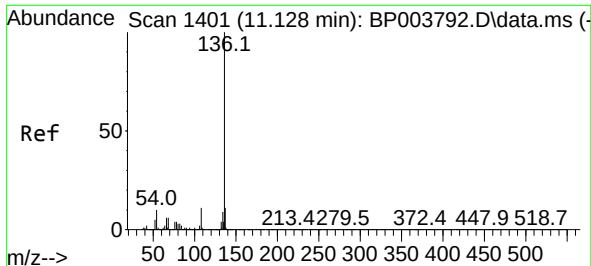
Tgt Ion: 99 Resp: 864082
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 36.0 23.4 35.2#



#10
Phenol
Concen: 3.46 ng
RT: 7.404 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion: 94 Resp: 35364
Ion Ratio Lower Upper
94 100
65 33.3 2.3 42.3
66 48.5 10.9 50.9

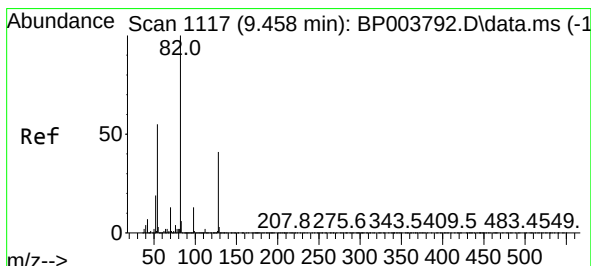
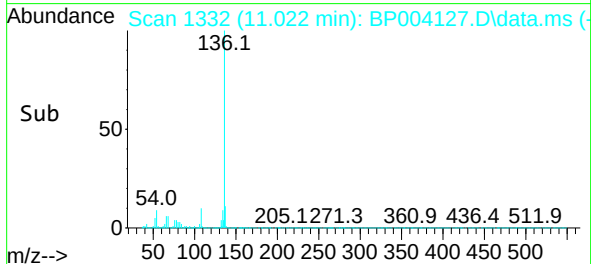
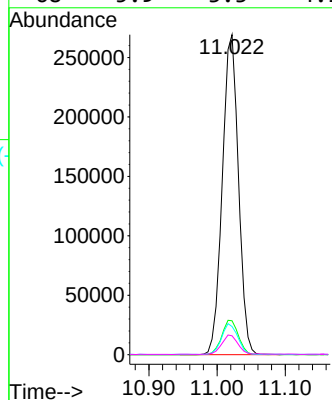
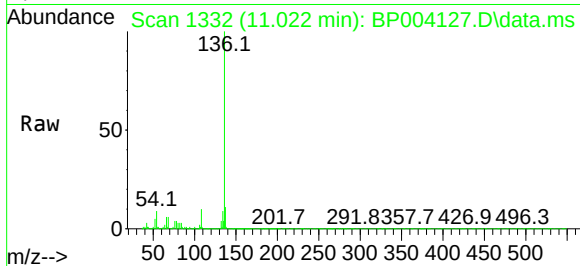




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

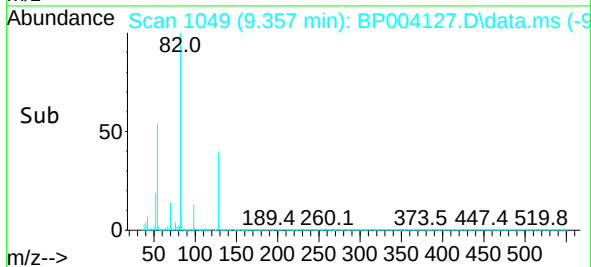
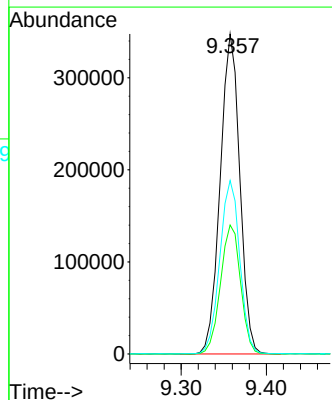
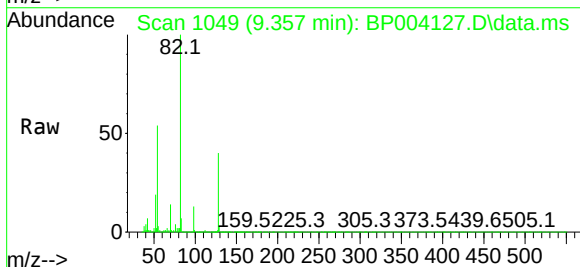
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPE

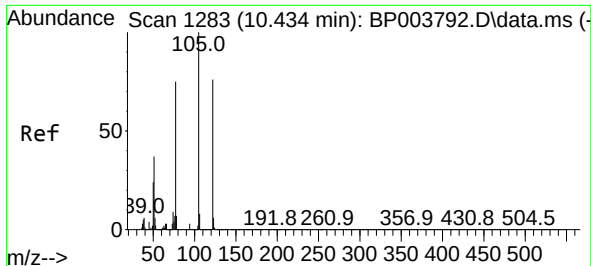
Tgt Ion:	136	Resp:	443393
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.8	3.6	5.4#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.26 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:	82	Resp:	554592
Ion	Ratio	Lower	Upper
82	100		
128	40.3	45.6	68.4#
54	54.2	30.1	45.1#

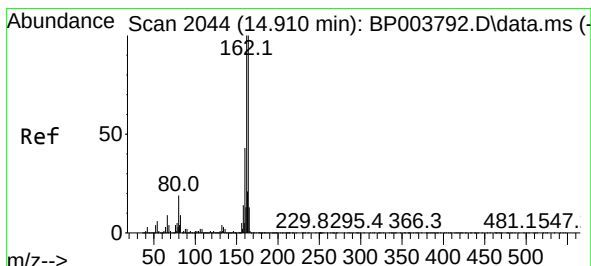
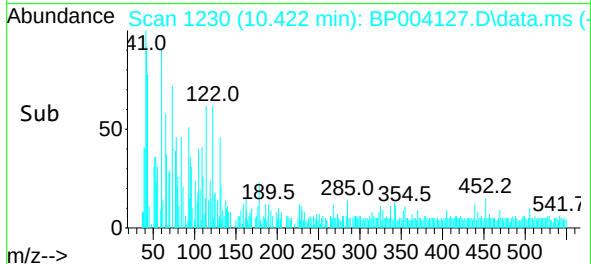
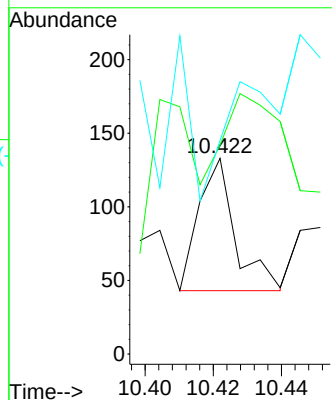
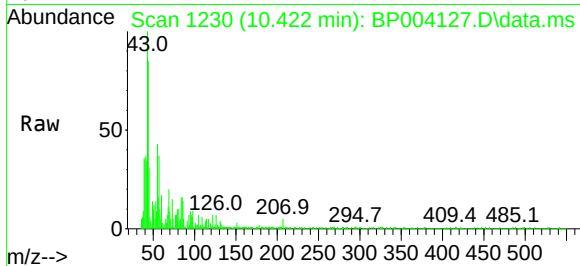




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.422 min Scan# 1230
Delta R.T. 0.047 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

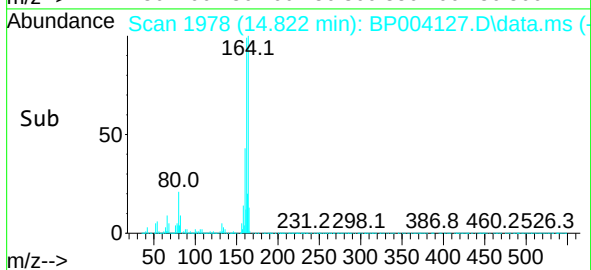
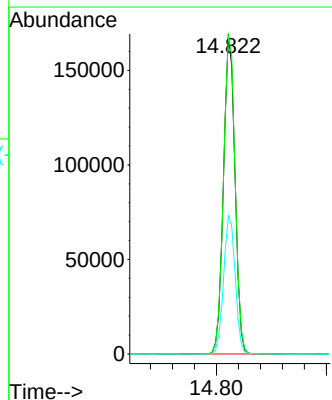
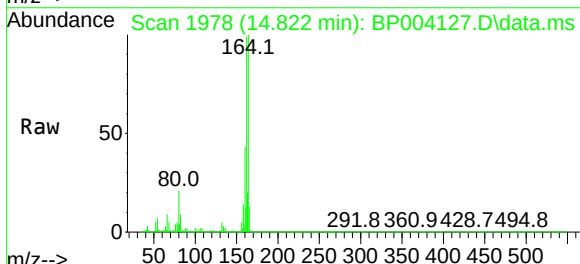
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ClientSampleId :
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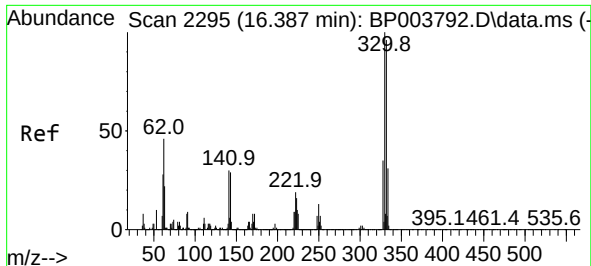
Tgt Ion:	122	Resp:	67
Ion	Ratio	Lower	Upper
122	100		
105	106.8	94.1	134.1
77	109.0	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:	164	Resp:	244339
Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.2
160	43.1	36.1	54.1

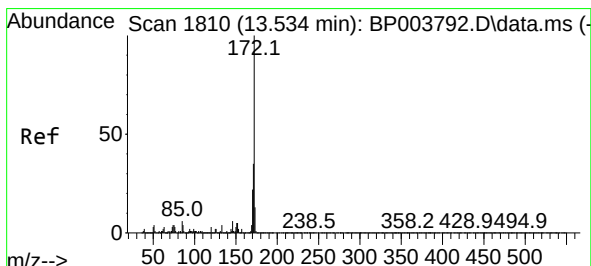
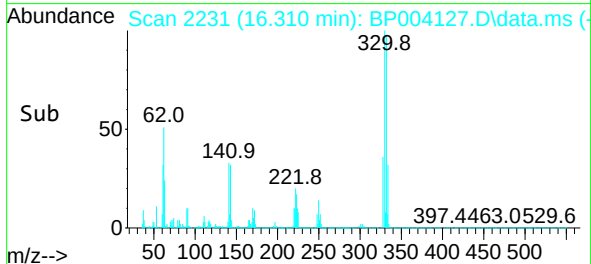
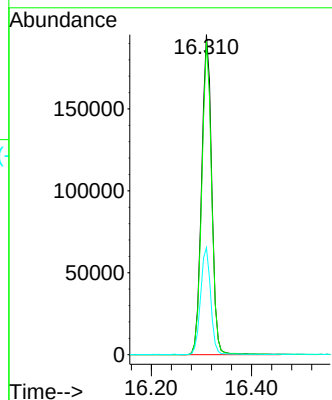
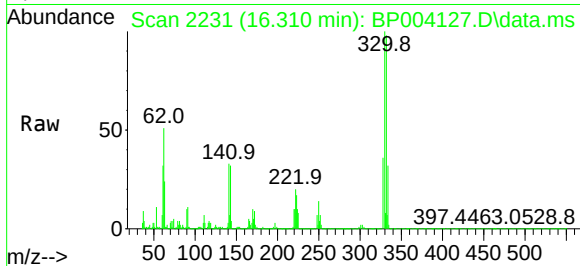




#42
2,4,6-Tribromophenol
Concen: 89.19 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

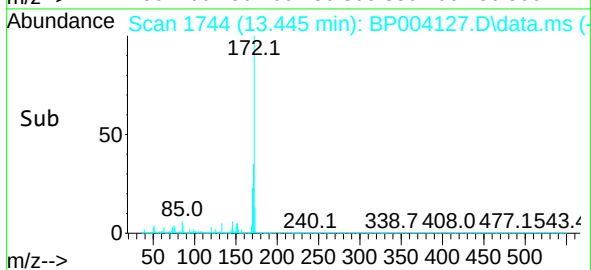
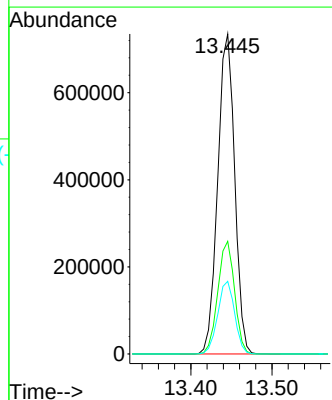
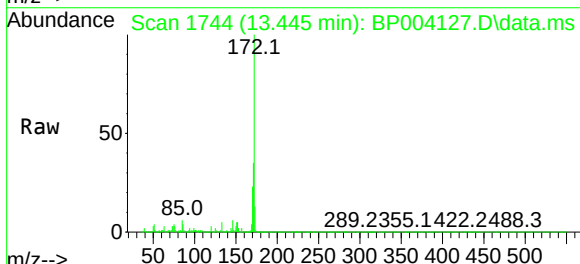
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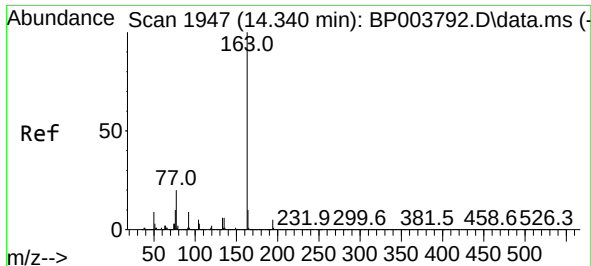
Tgt Ion: 330 Resp: 272585
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.04 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion: 172 Resp: 1066851
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8

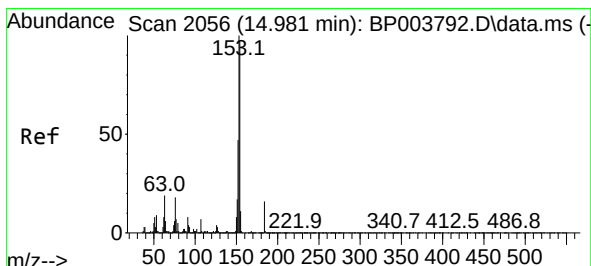
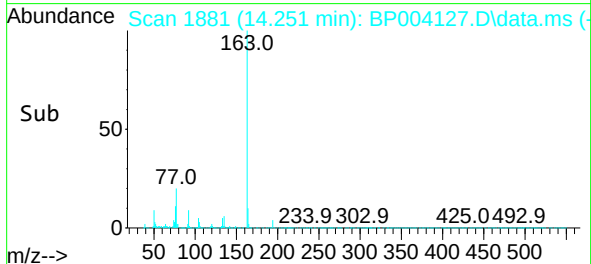
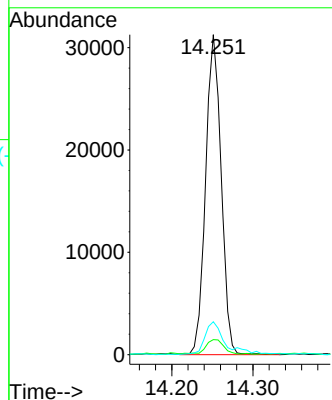
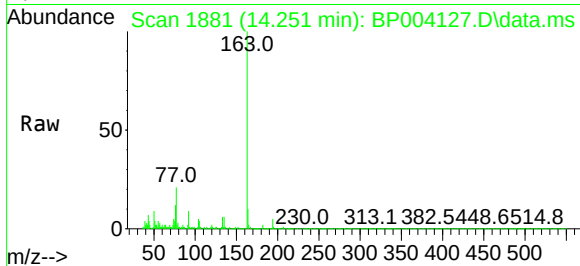




#50
Dimethylphthalate
Concen: 2.17 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

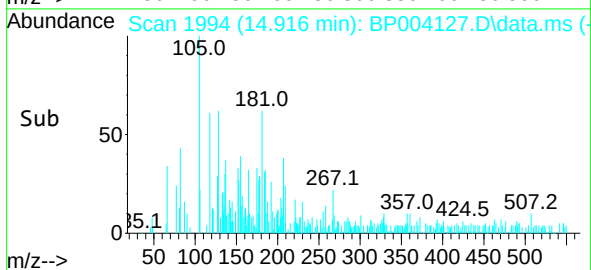
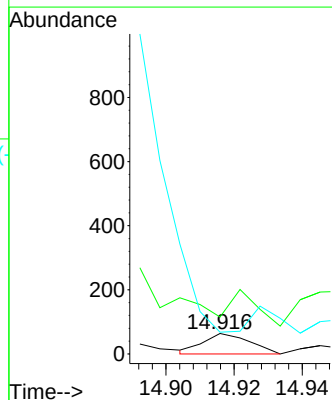
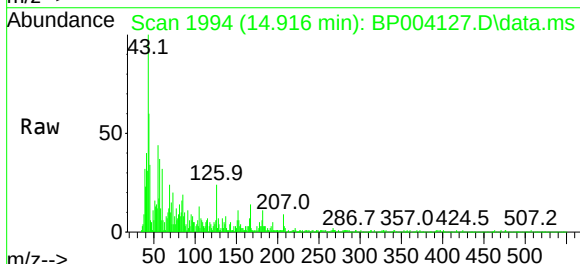
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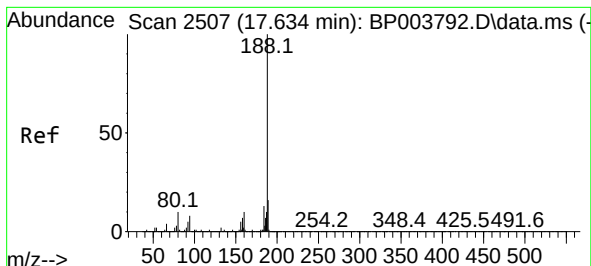
Tgt Ion:163 Resp: 41534
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 14.916 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 179.7 32.3 48.5#
154 106.3 49.1 73.7#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.563 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BP004127.D

Acq: 02 Dec 2020 13:53

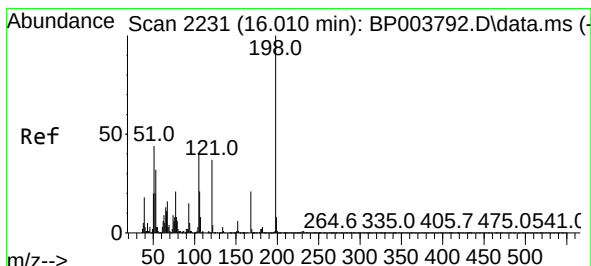
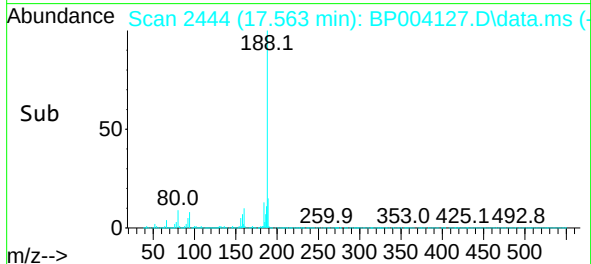
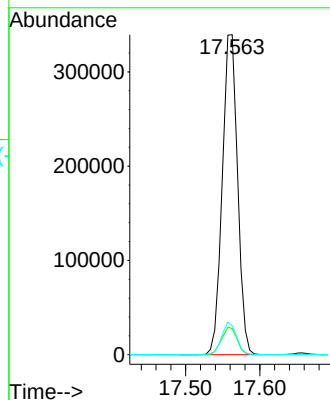
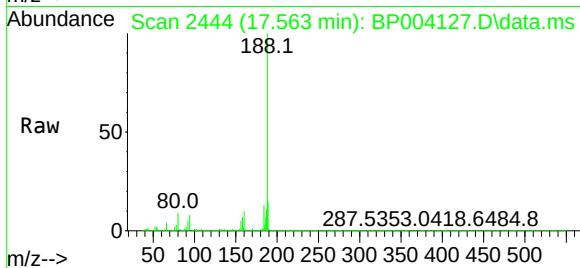
Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPE

Tgt Ion:188	Resp:	486845
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.2 9.2
80	9.1	6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.35 ng

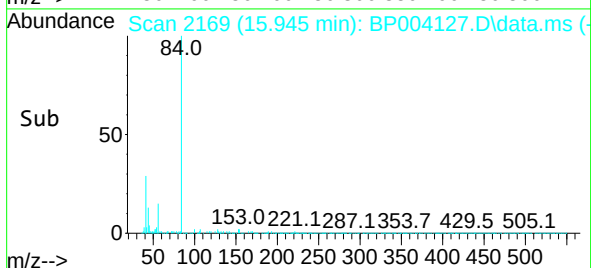
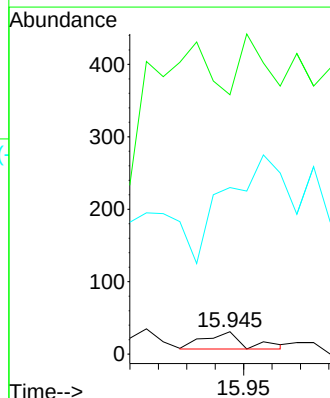
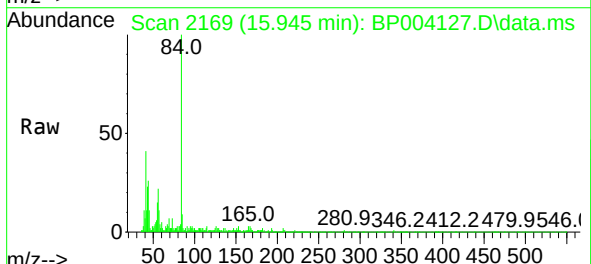
RT: 15.945 min Scan# 2169

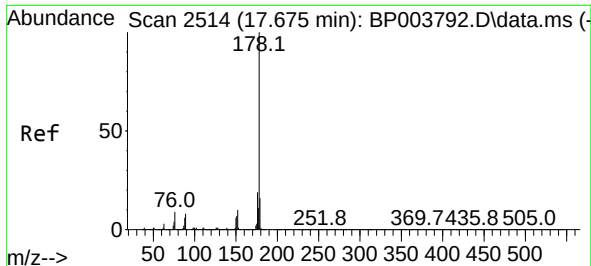
Delta R.T. -0.006 min

Lab File: BP004127.D

Acq: 02 Dec 2020 13:53

Tgt Ion:198	Resp:	24
Ion Ratio	Lower	Upper
198	100	
51	1154.8	6.4 46.4#
105	741.9	18.9 58.9#

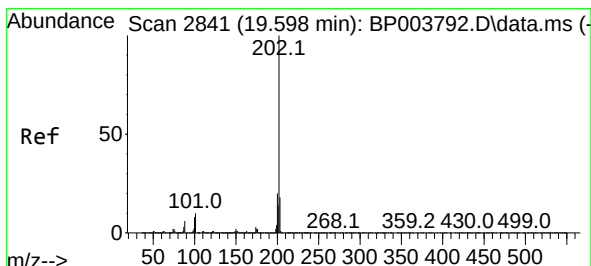
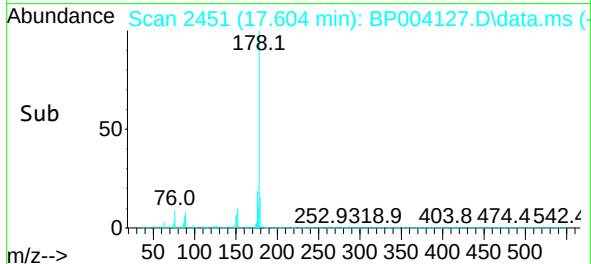
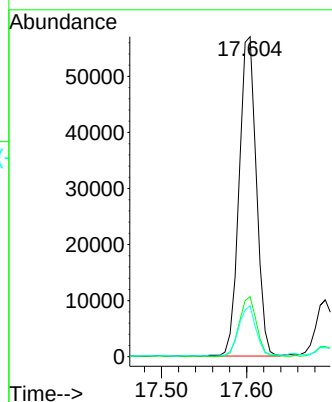
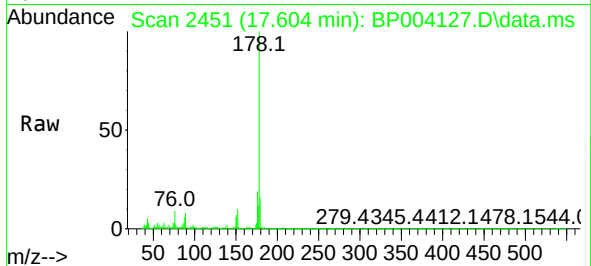




#71
Phenanthrene
Concen: 2.93 ng
RT: 17.604 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

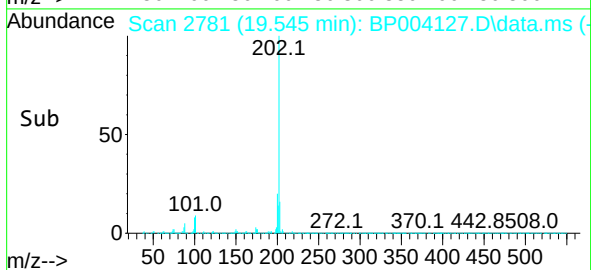
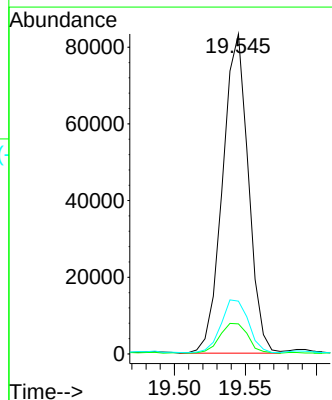
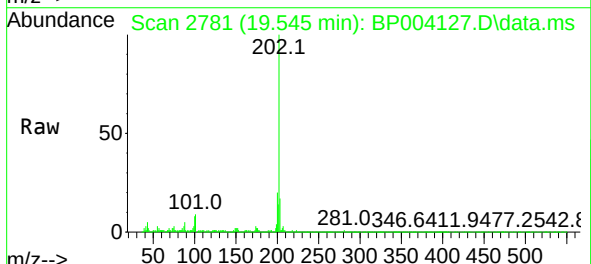
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPE

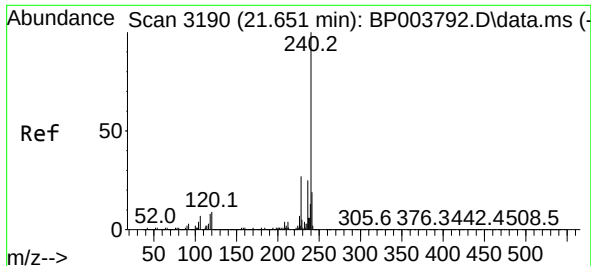
Tgt Ion:178 Resp: 80040
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.9 12.5 18.7



#75
Fluoranthene
Concen: 3.32 ng
RT: 19.545 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:202 Resp: 104793
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 16.5 0.0 37.8

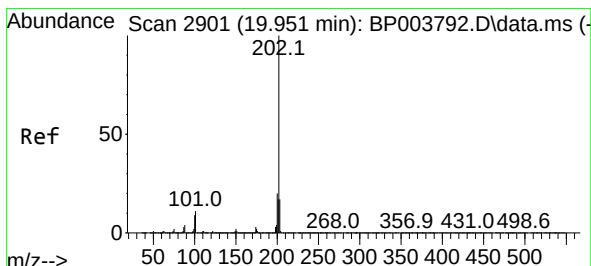
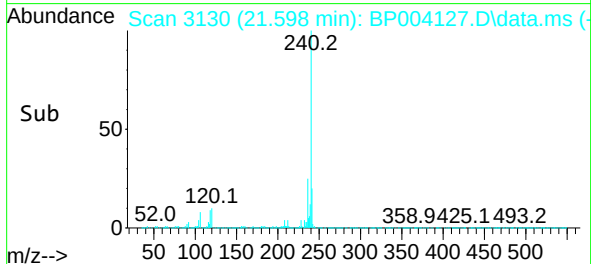
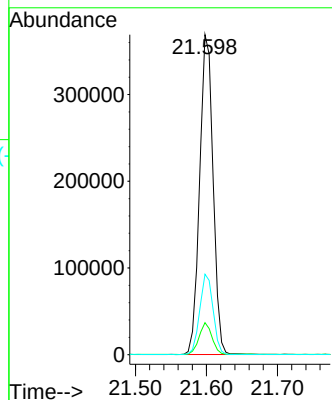
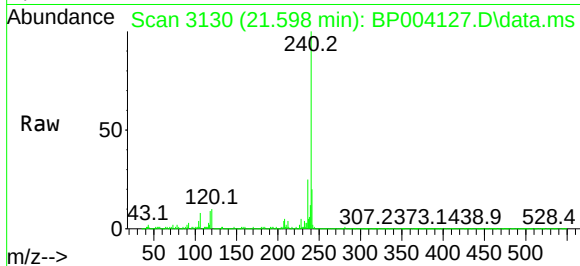




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

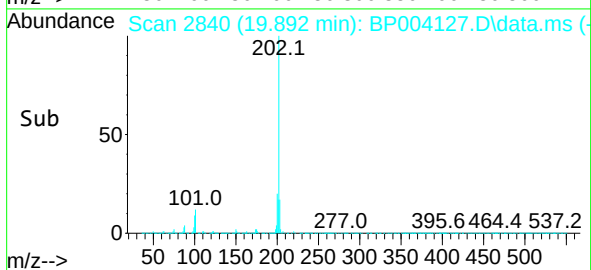
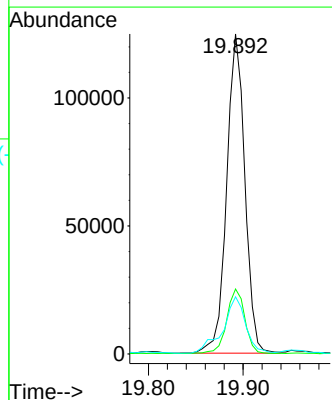
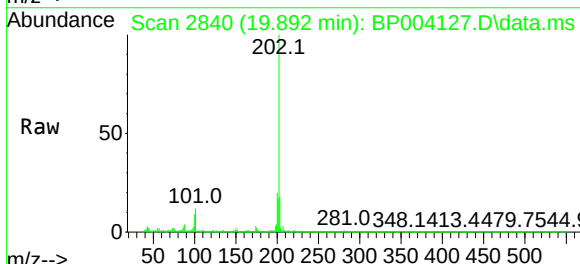
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPE

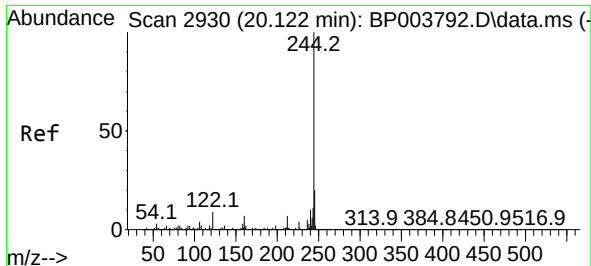
Tgt Ion:240 Resp: 485772
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 5.06 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:202 Resp: 166866
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 17.8 14.2 21.2

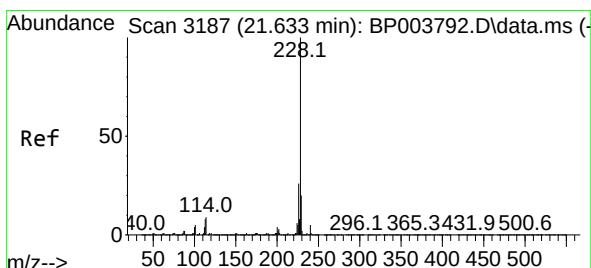
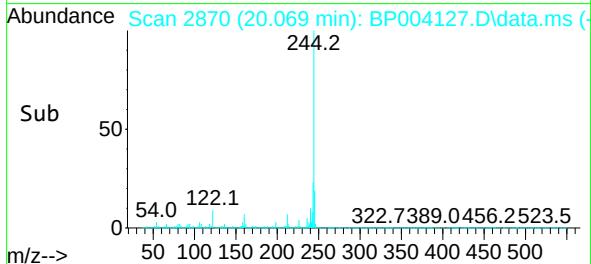
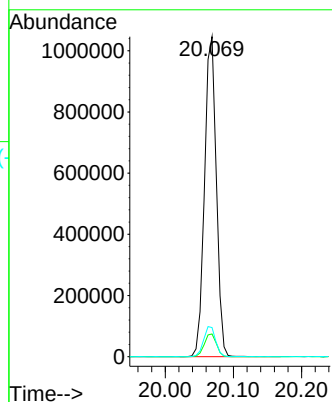
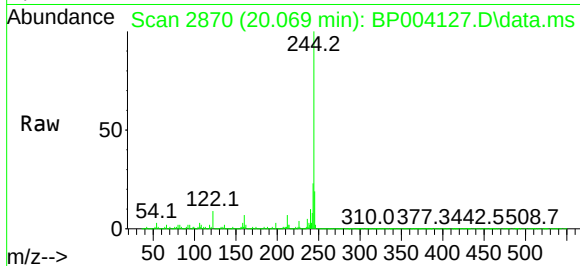




#79
 Terphenyl-d14
 Concen: 50.05 ng
 RT: 20.069 min Scan# 2870
 Delta R.T. -0.000 min
 Lab File: BP004127.D
 Acq: 02 Dec 2020 13:53

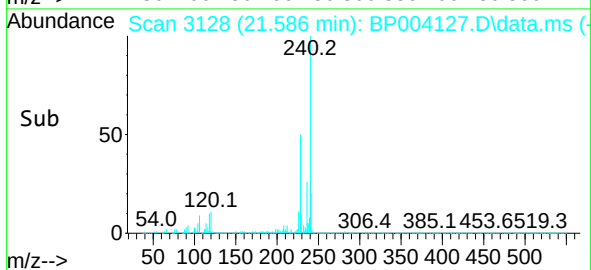
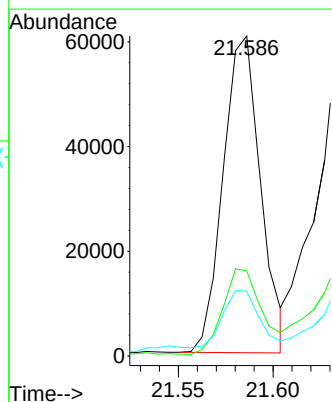
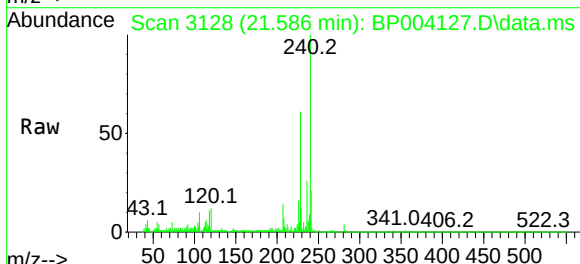
Instrument :
 BNA_P
 ClientSampleId :
 SK-12-1-SPE

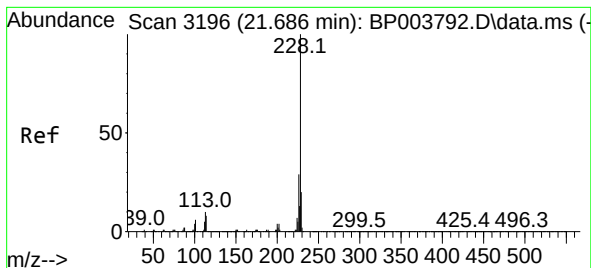
Tgt Ion:244 Resp: 1258384
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.1 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.59 ng
 RT: 21.586 min Scan# 3128
 Delta R.T. -0.000 min
 Lab File: BP004127.D
 Acq: 02 Dec 2020 13:53

Tgt Ion:228 Resp: 83095
 Ion Ratio Lower Upper
 228 100
 226 26.6 22.1 33.1
 229 20.2 15.9 23.9





#83

Chrysene

Concen: 3.32 ng

RT: 21.639 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP004127.D

Acq: 02 Dec 2020 13:53

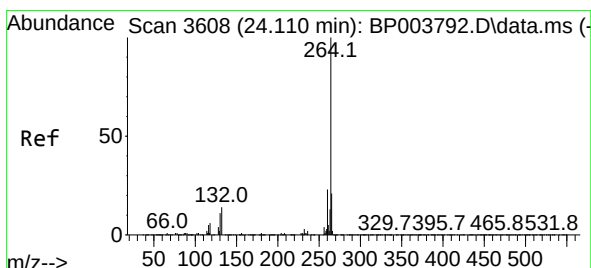
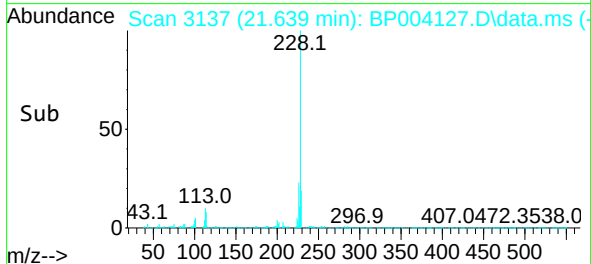
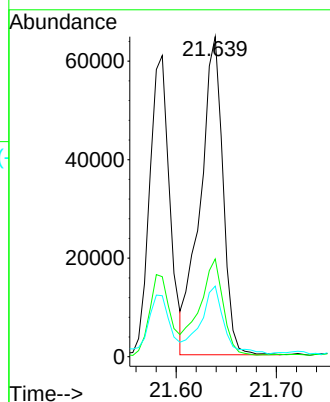
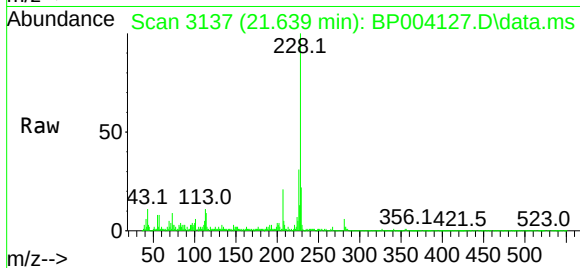
Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPE

Tgt Ion:228	Resp: 102056
Ion Ratio	Lower Upper
228 100	
226 30.6	24.4 36.6
229 22.0	15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

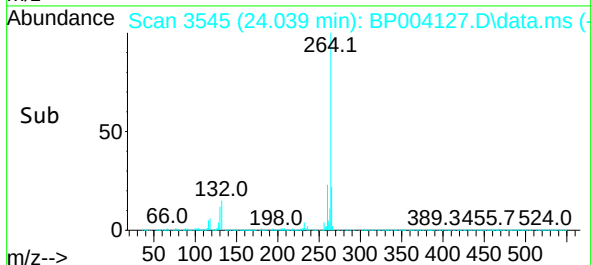
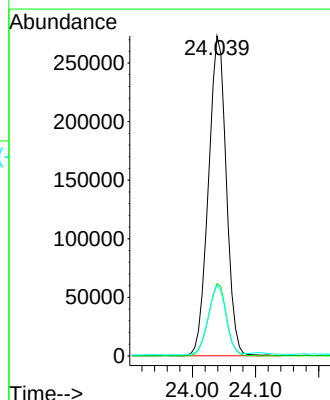
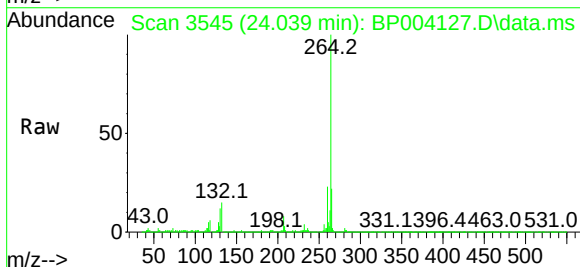
RT: 24.039 min Scan# 3545

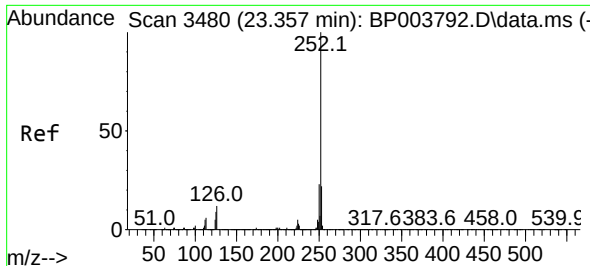
Delta R.T. -0.000 min

Lab File: BP004127.D

Acq: 02 Dec 2020 13:53

Tgt Ion:264	Resp: 535691
Ion Ratio	Lower Upper
264 100	
260 22.6	18.8 28.2
265 22.1	17.4 26.2

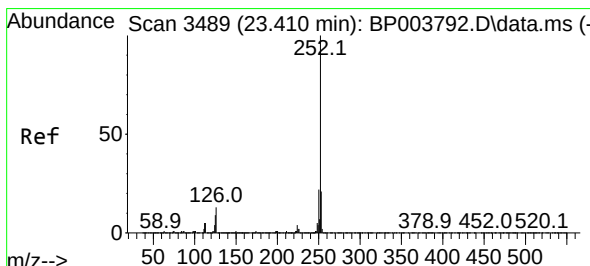
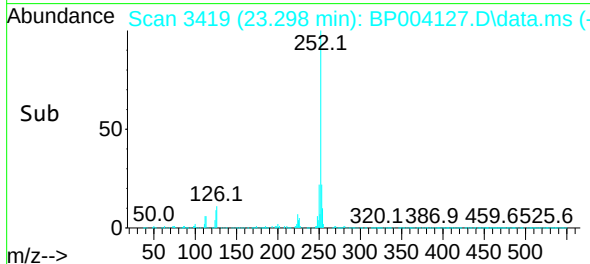
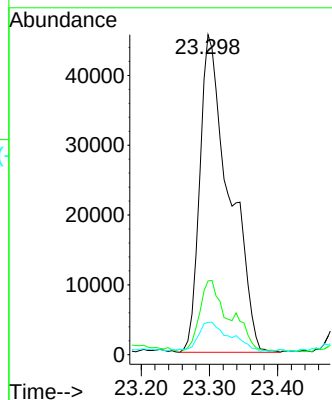
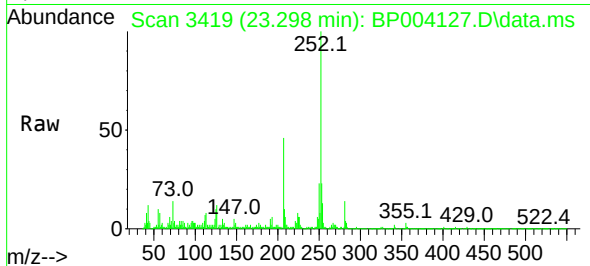




#88
Benzo(b)fluoranthene
Concen: 3.92 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

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

Tgt Ion:252 Resp: 137446
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.1 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 3.97 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004127.D
Acq: 02 Dec 2020 13:53

Tgt Ion:252 Resp: 137446
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.1 7.4 11.2

