

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120220\
 Data File : BP004129.D
 Acq On : 02 Dec 2020 15:01
 Operator : CG/JU
 Sample : L4911-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 02 15:34:13 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)

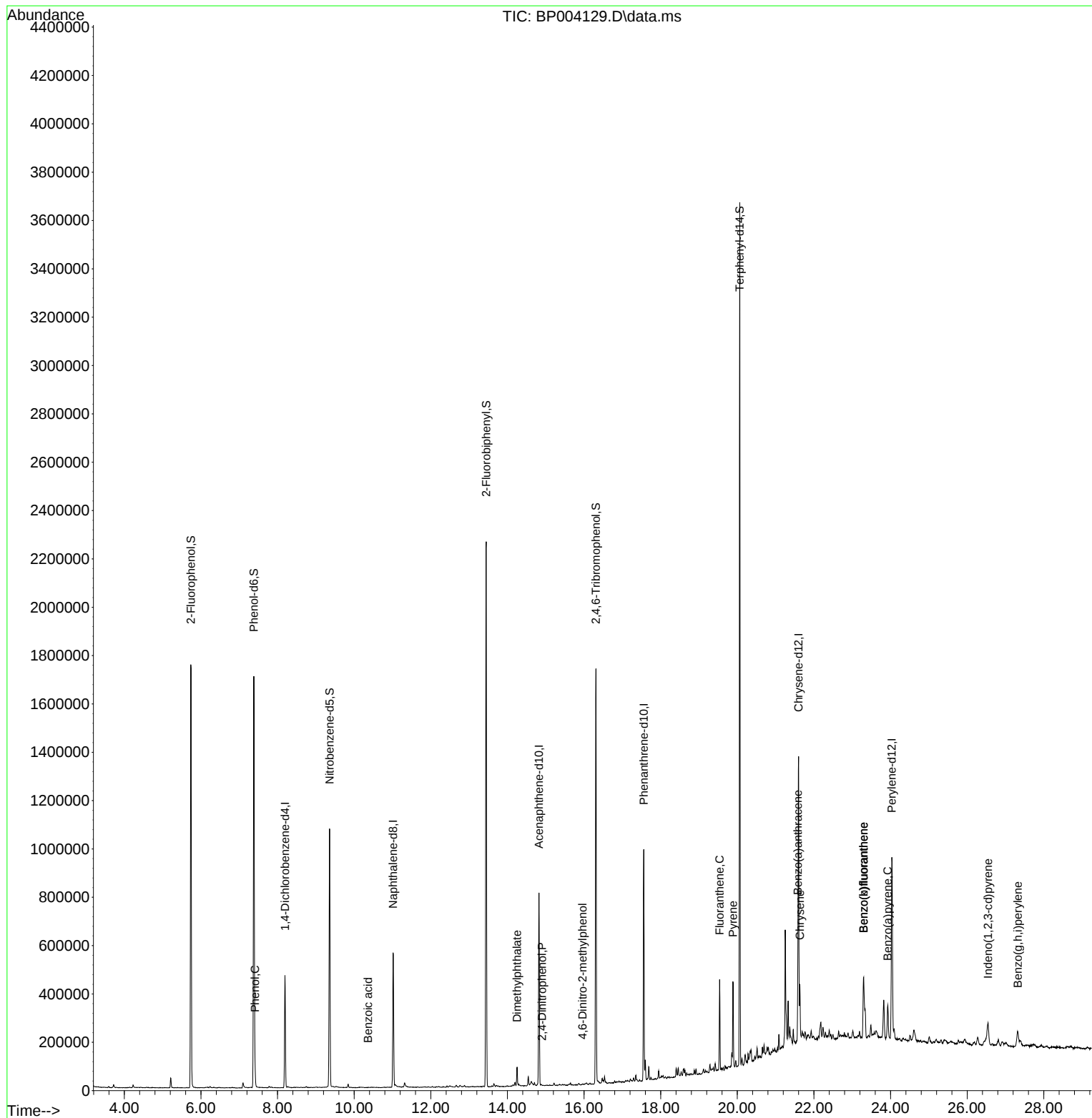
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	120310	20.00	ng	0.00
21) Naphthalene-d8	11.016	136	447522	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	263757	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	544914	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	540644	20.00	ng	0.00
86) Perylene-d12	24.033	264	581650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	724499	100.51	ng	0.00
7) Phenol-d6	7.381	99	914827	88.41	ng	0.00
23) Nitrobenzene-d5	9.358	82	584379	63.95	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	312794	94.82	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	1151619	61.04	ng	0.00
79) Terphenyl-d14	20.063	244	1423237	50.86	ng	0.00
Target Compounds						
9) Benzaldehyde	7.311	77	594	Below Cal	#	56
10) Phenol	7.411	94	38410	3.85	ng	78
32) Benzoic acid	10.363	122	20	8.31	ng	# 1
50) Dimethylphthalate	14.251	163	47262	2.29	ng	99
54) 2,4-Dinitrophenol	14.904	184	42	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.963	198	29	6.35	ng	# 1
75) Fluoranthene	19.539	202	209502	5.94	ng	99
78) Pyrene	19.886	202	215577	5.88	ng	99
81) Benzo(a)anthracene	21.580	228	127841	3.59	ng	97
83) Chrysene	21.633	228	148785	4.34	ng	97
87) Indeno(1,2,3-cd)pyrene	26.545	276	89818	2.14	ng	95
88) Benzo(b)fluoranthene	23.298	252	297529	7.82	ng	99
89) Benzo(k)fluoranthene	23.298	252	297529	7.92	ng	100
90) Benzo(a)pyrene	23.927	252	106395	3.02	ng	99
92) Benzo(g,h,i)perylene	27.321	276	82846	2.45	ng	99

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

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Quant Time: Dec 02 15:34:13 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

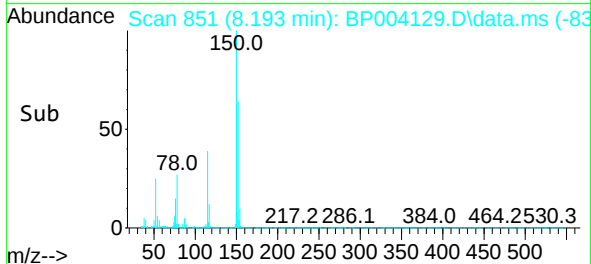
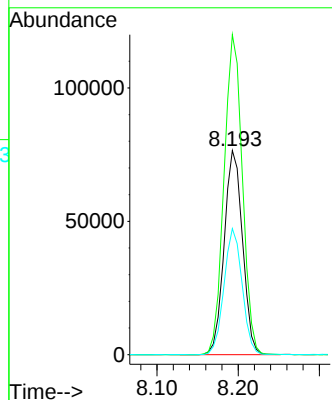
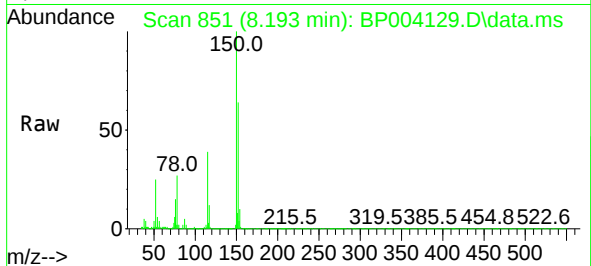




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

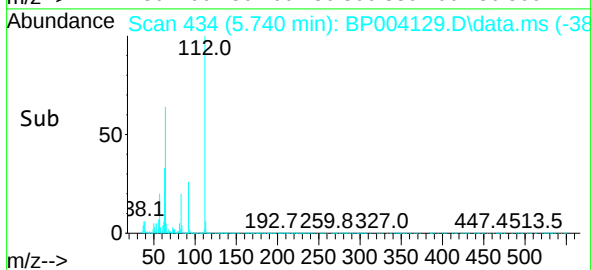
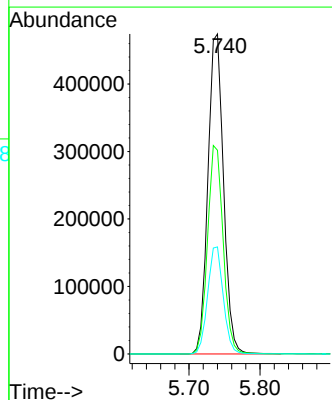
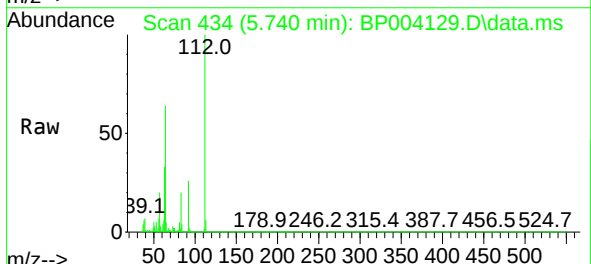
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

Tgt Ion:152 Resp: 120310
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 61.7 43.8 65.6



#5
2-Fluorophenol
Concen: 100.51 ng
RT: 5.740 min Scan# 434
Delta R.T. 0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

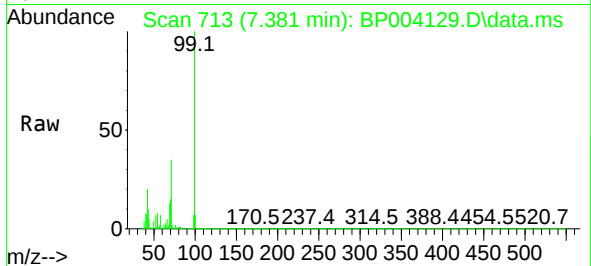
Tgt Ion:112 Resp: 724499
Ion Ratio Lower Upper
112 100
64 63.6 32.8 49.2#
63 33.5 17.0 25.4#



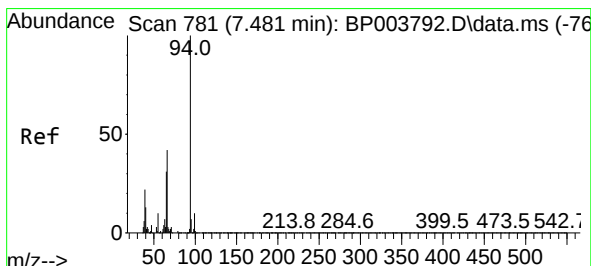
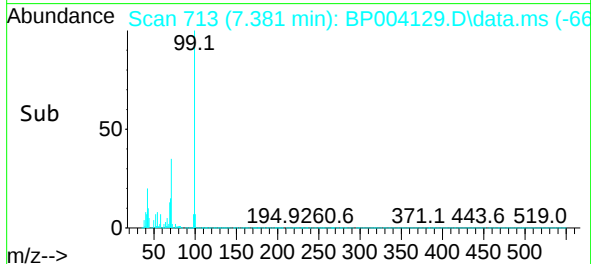
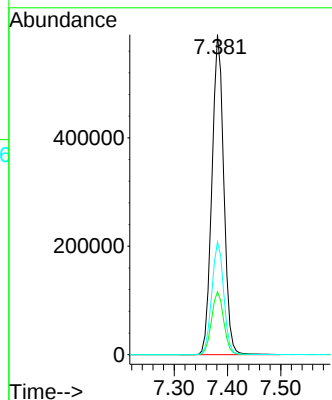


#7
Phenol-d6
Concen: 88.41 ng
RT: 7.381 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

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

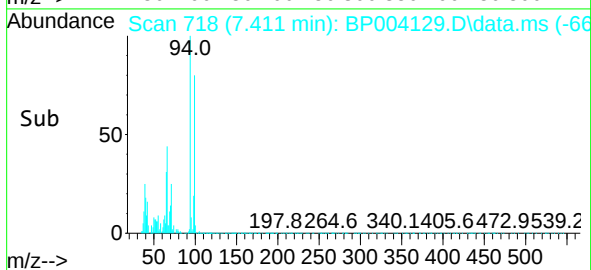
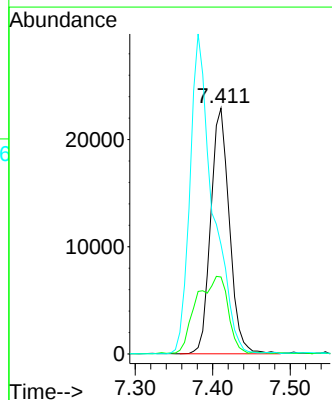
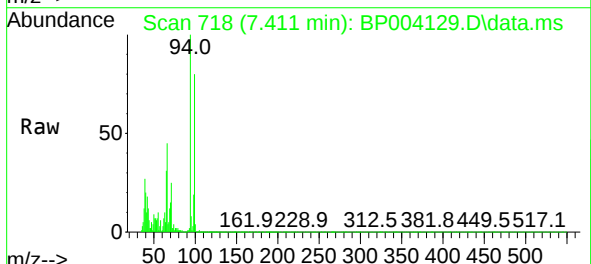


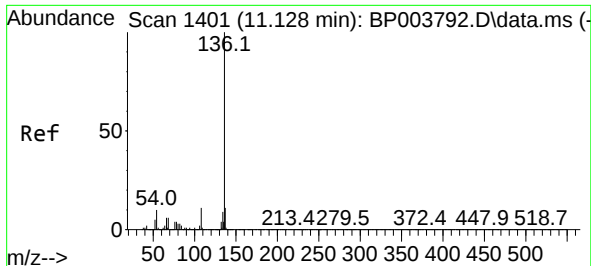
Tgt Ion: 99 Resp: 914827
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 35.2 23.4 35.2#



#10
Phenol
Concen: 3.85 ng
RT: 7.411 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion: 94 Resp: 38410
Ion Ratio Lower Upper
94 100
65 31.3 2.3 42.3
66 44.5 10.9 50.9

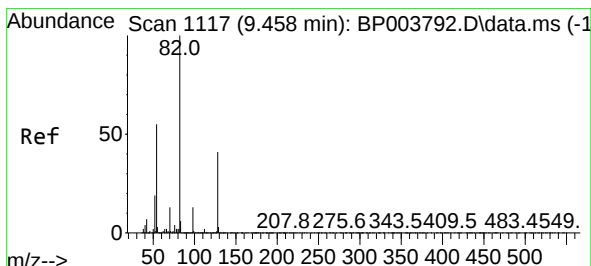
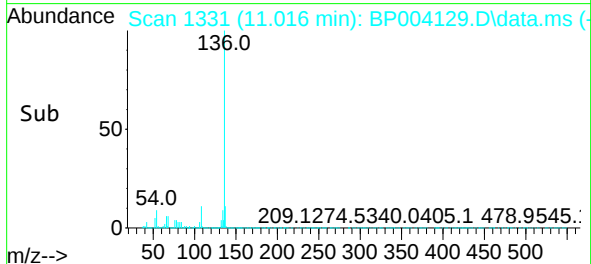
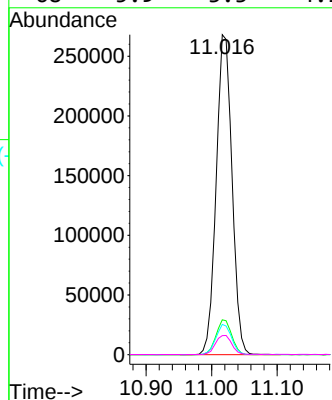
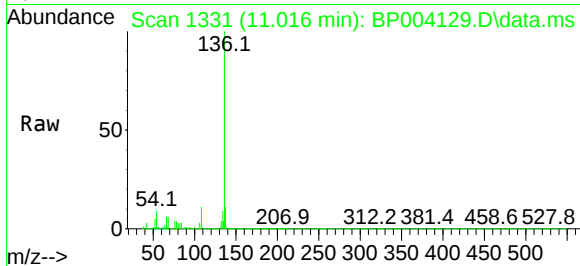




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

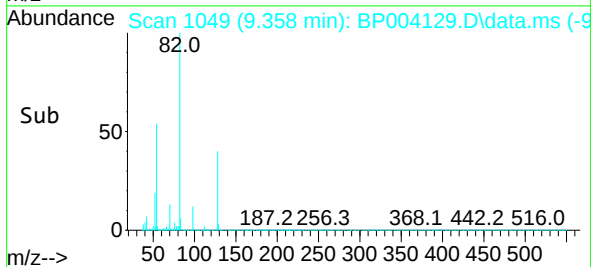
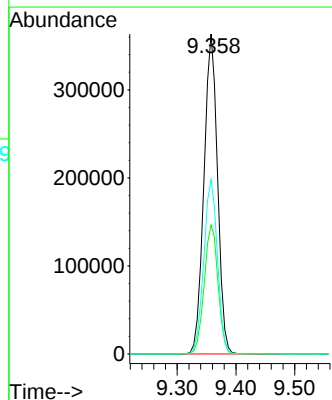
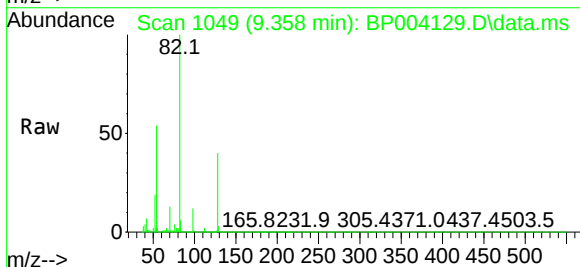
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

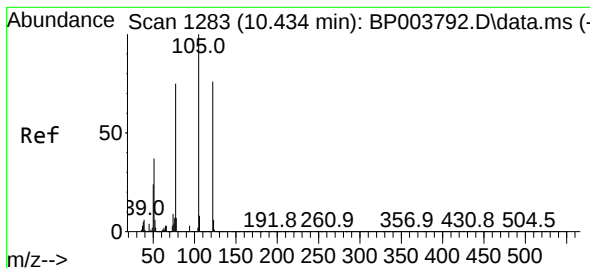
Tgt Ion:	136	Resp:	447522
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.4	3.6	5.4#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 63.95 ng
RT: 9.358 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:	82	Resp:	584379
Ion Ratio	Lower	Upper	
82	100		
128	40.4	45.6	68.4#
54	54.5	30.1	45.1#

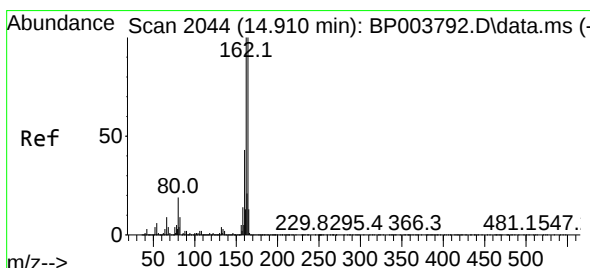
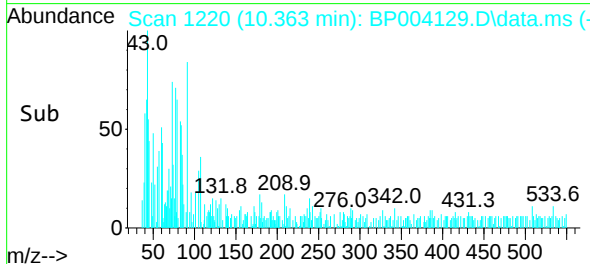
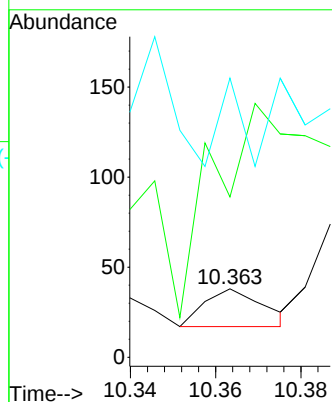
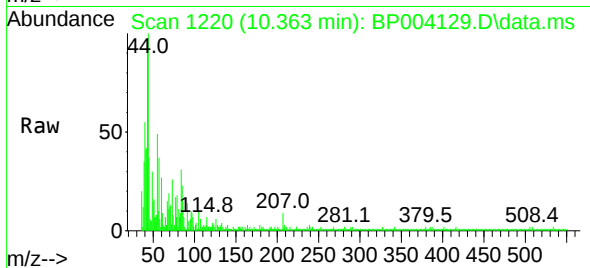




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.363 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

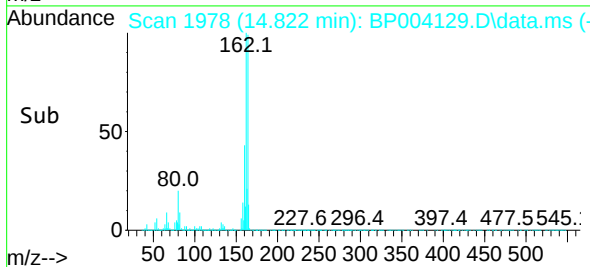
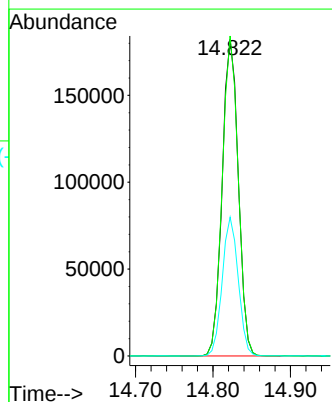
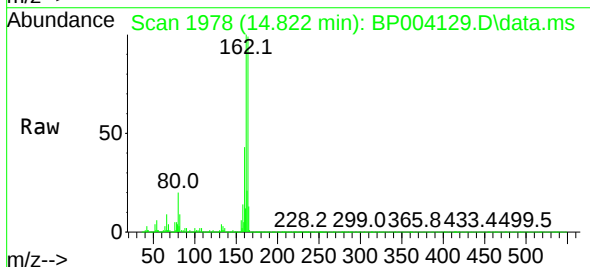
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

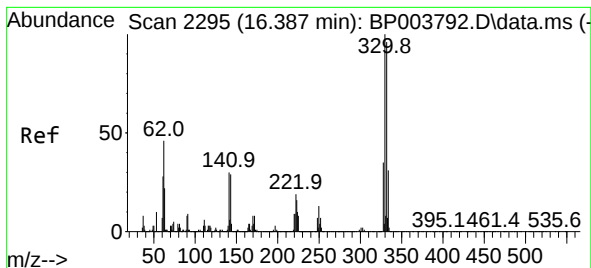
Tgt Ion:122 Resp: 20
Ion Ratio Lower Upper
122 100
105 234.2 94.1 134.1#
77 407.9 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:164 Resp: 263757
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 43.8 36.1 54.1

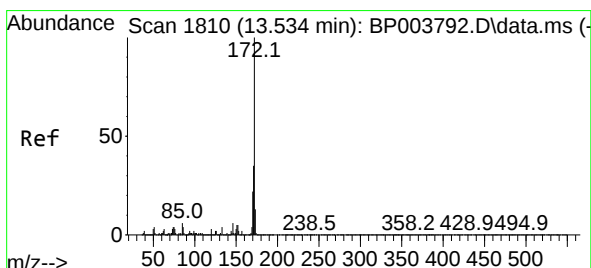
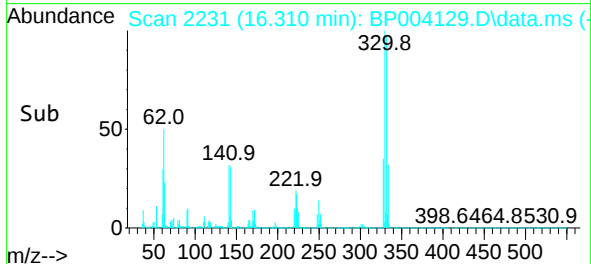
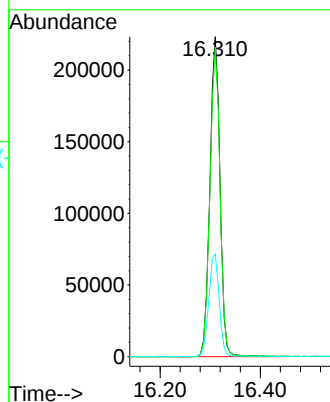
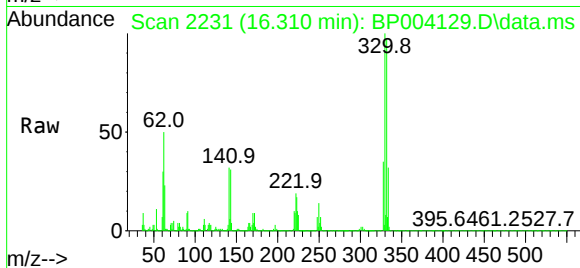




#42
2,4,6-Tribromophenol
Concen: 94.82 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

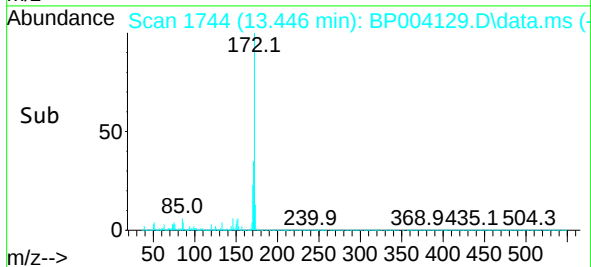
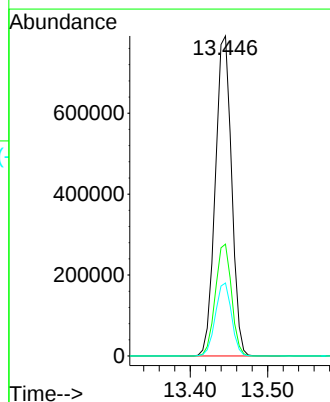
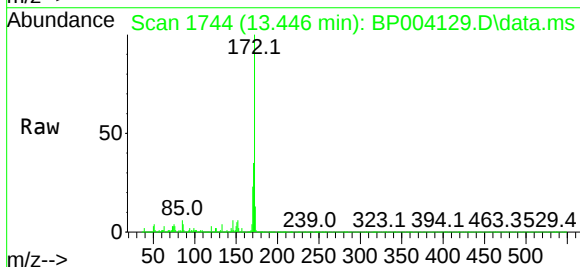
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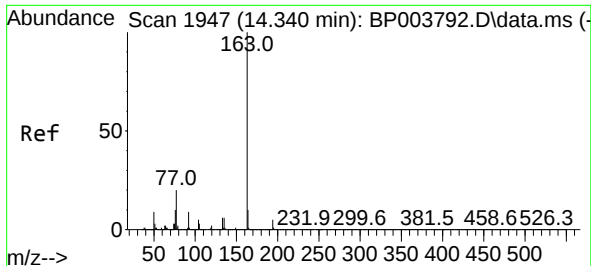
Tgt Ion:330 Resp: 312794
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 33.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.04 ng
RT: 13.446 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:172 Resp: 1151619
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.8 19.2 28.8

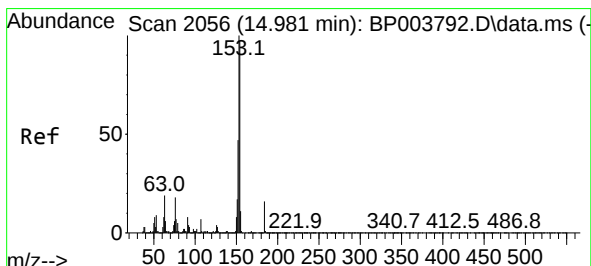
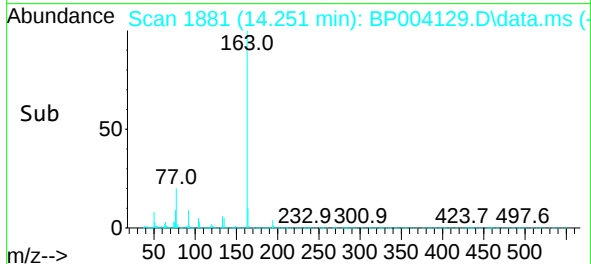
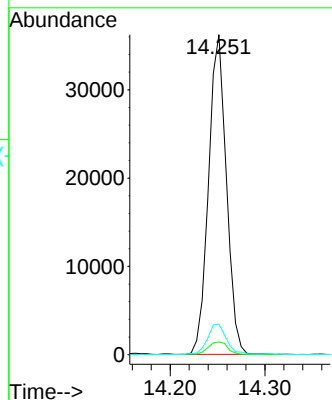
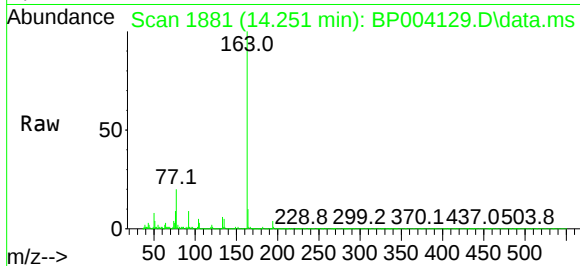




#50
Dimethylphthalate
Concen: 2.29 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

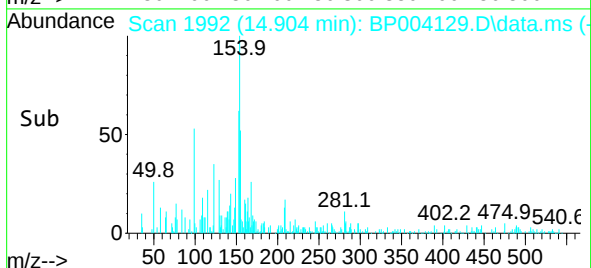
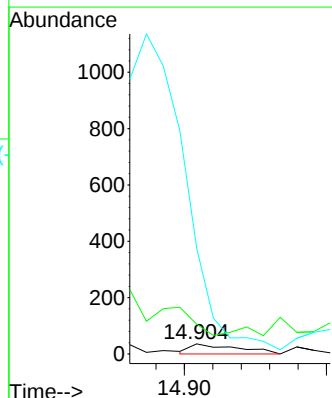
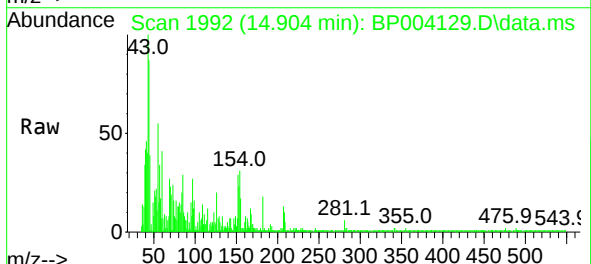
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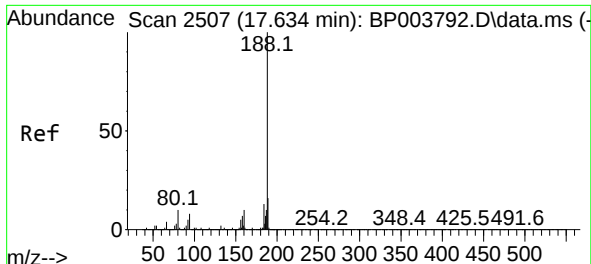
Tgt Ion:163 Resp: 47262
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.904 min Scan# 1992
Delta R.T. -0.024 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 294.4 32.3 48.5#
154 1044.4 49.1 73.7#

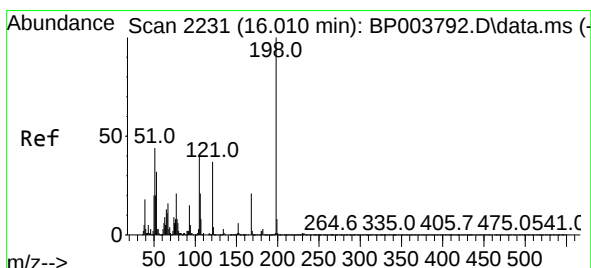
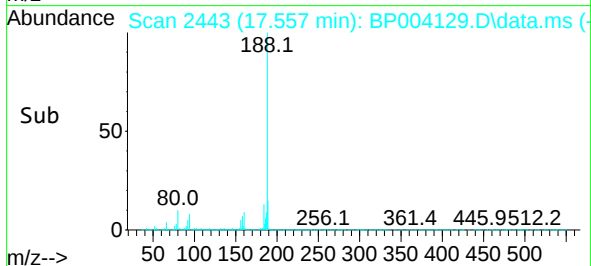
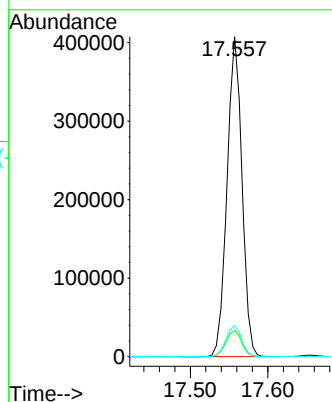
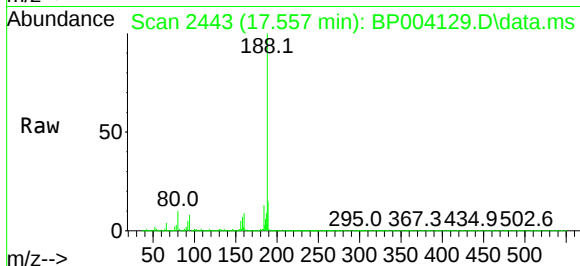




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

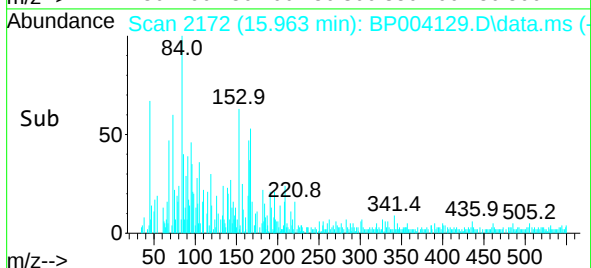
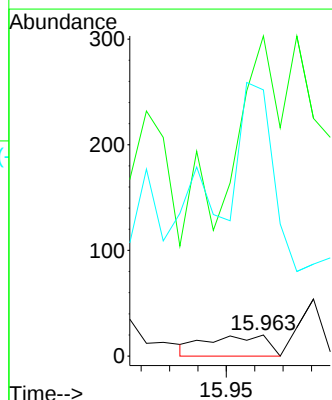
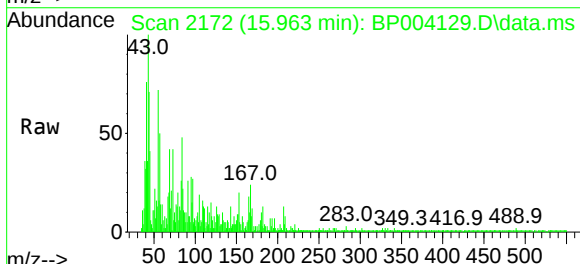
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

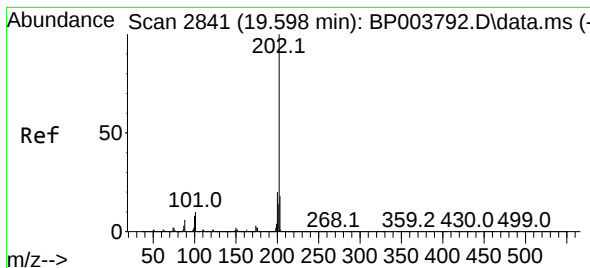
Tgt Ion:188 Resp: 544914
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.7 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.012 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 1515.0 6.4 46.4#
105 1260.0 18.9 58.9#

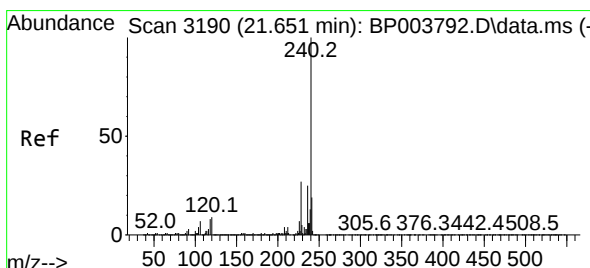
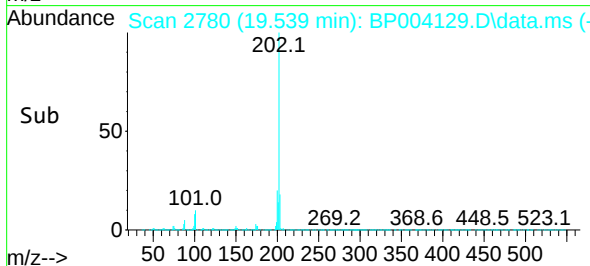
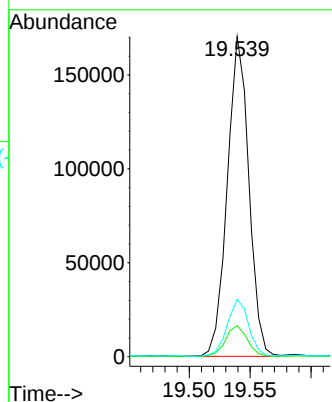
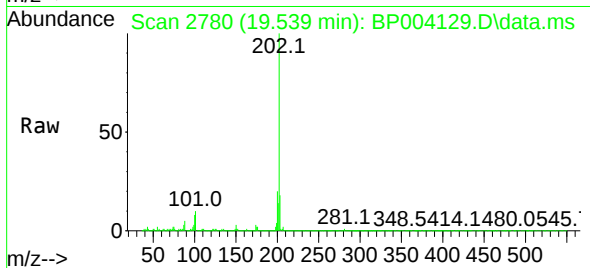




#75
Fluoranthene
Concen: 5.94 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

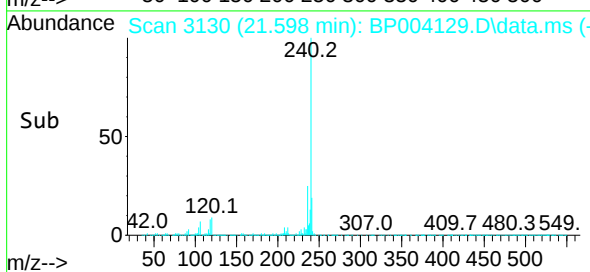
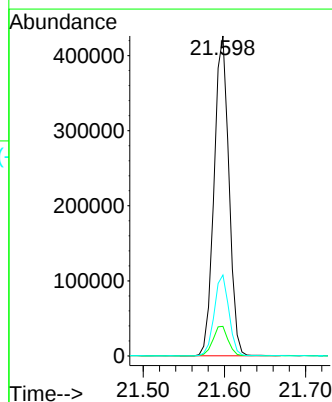
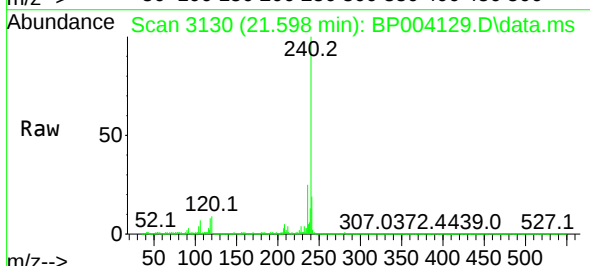
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

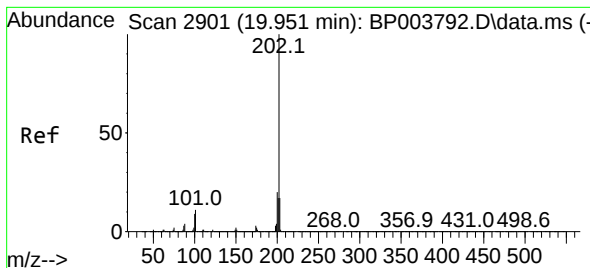
Tgt Ion:202 Resp: 209502
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.4
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:240 Resp: 540644
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.3 20.8 31.2





#78

Pyrene

Concen: 5.88 ng

RT: 19.886 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP004129.D

Acq: 02 Dec 2020 15:01

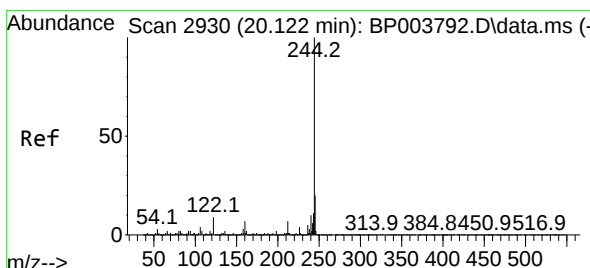
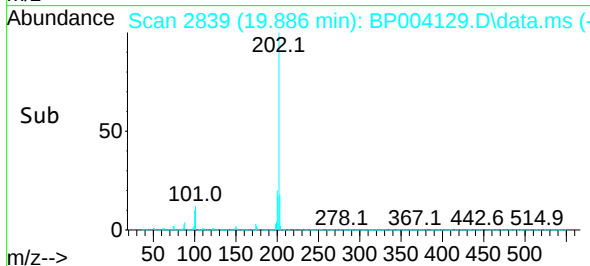
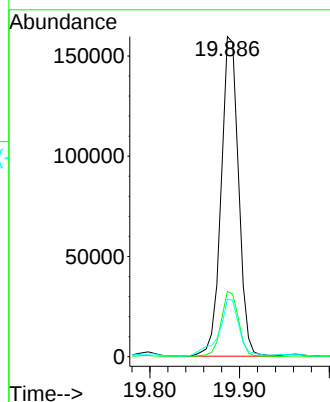
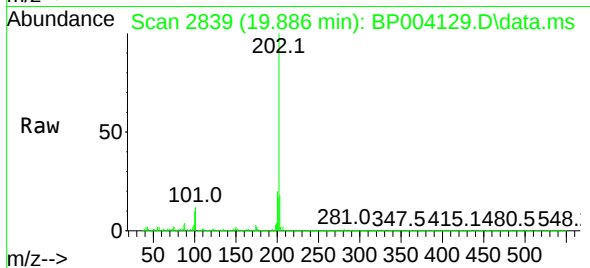
Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPC

Tgt Ion:202	Resp: 215577
Ion Ratio	Lower Upper
202 100	
200 20.4	17.1 25.7
203 18.0	14.2 21.2



#79

Terphenyl-d14

Concen: 50.86 ng

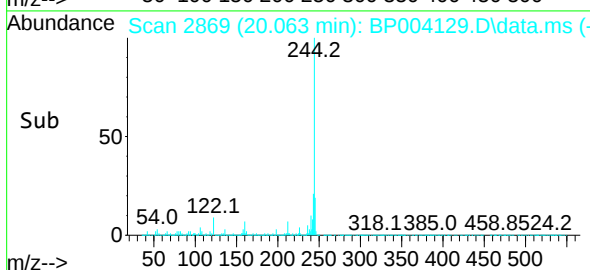
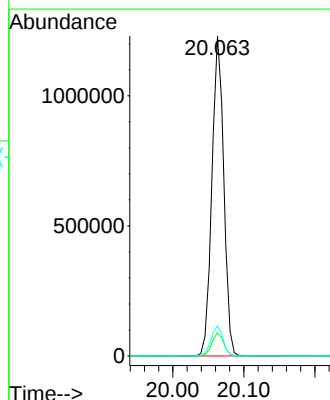
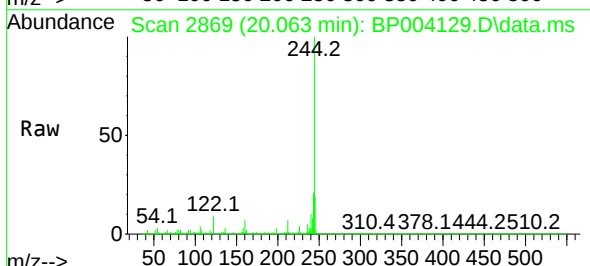
RT: 20.063 min Scan# 2869

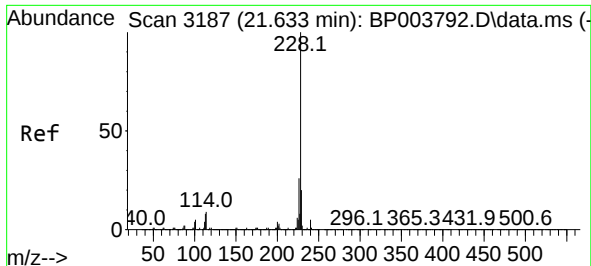
Delta R.T. -0.006 min

Lab File: BP004129.D

Acq: 02 Dec 2020 15:01

Tgt Ion:244	Resp: 1423237
Ion Ratio	Lower Upper
244 100	
212 7.2	5.8 8.6
122 9.4	7.8 11.8

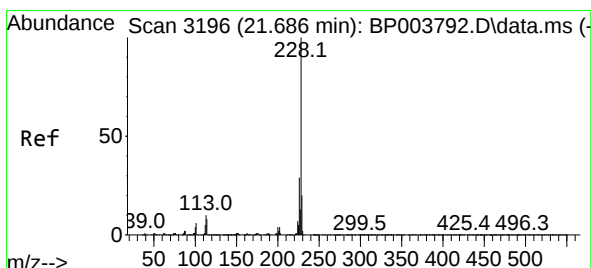
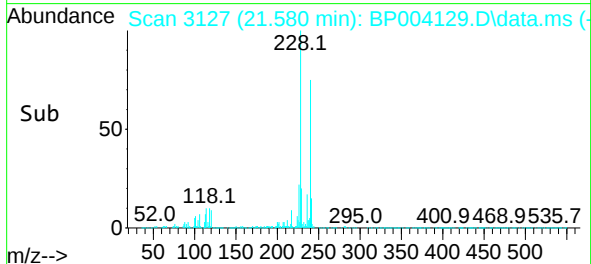
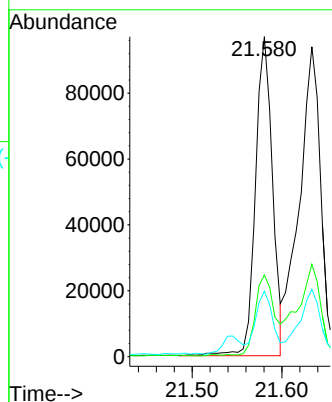
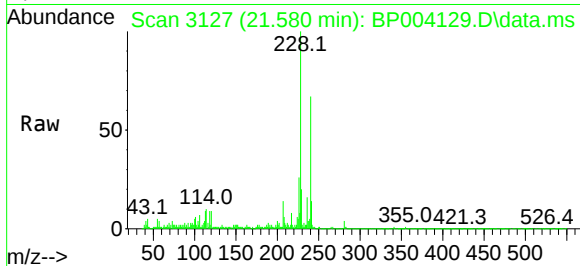




#81
Benzo(a)anthracene
Concen: 3.59 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

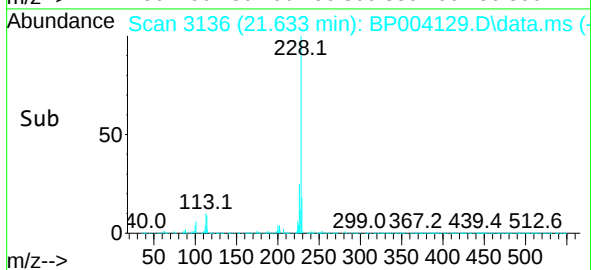
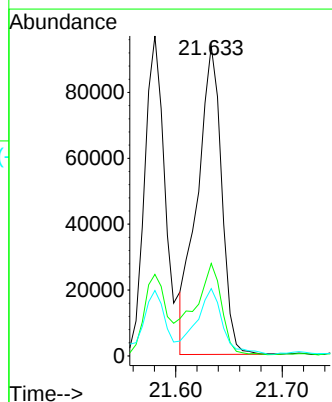
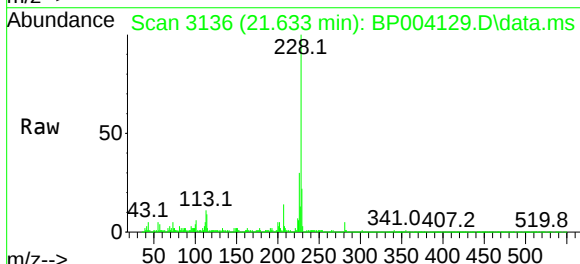
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

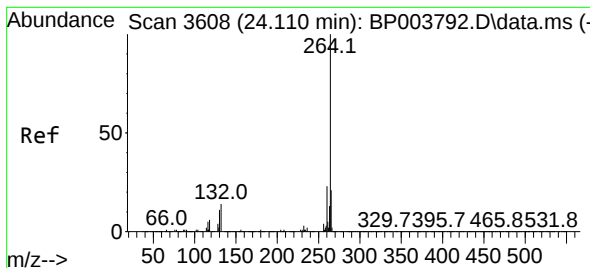
Tgt Ion:228 Resp: 127841
Ion Ratio Lower Upper
228 100
226 25.5 22.1 33.1
229 20.4 15.9 23.9



#83
Chrysene
Concen: 4.34 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:228 Resp: 148785
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.8 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.033 min Scan# 3544

Delta R.T. -0.006 min

Lab File: BP004129.D

Acq: 02 Dec 2020 15:01

Instrument :

BNA_P

ClientSampleId :

SK-12-1-SPC

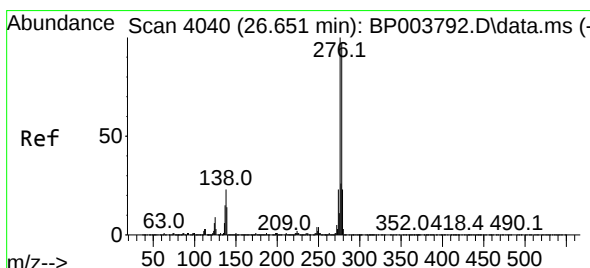
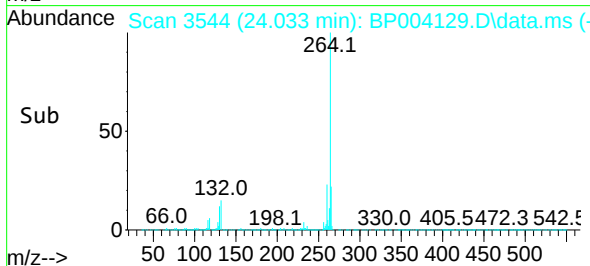
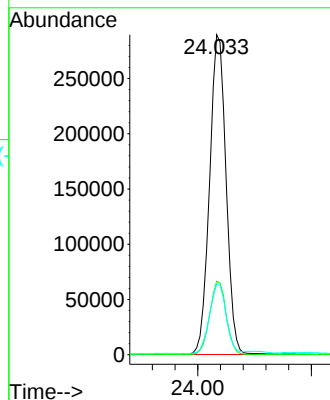
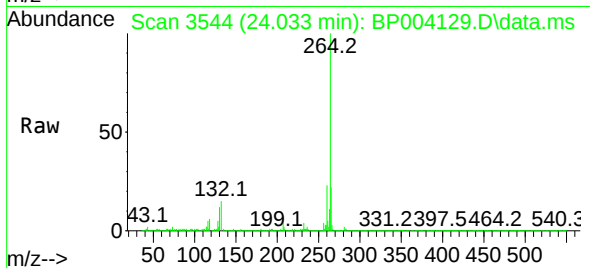
Tgt Ion:264 Resp: 581650

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 22.1 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.14 ng

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP004129.D

Acq: 02 Dec 2020 15:01

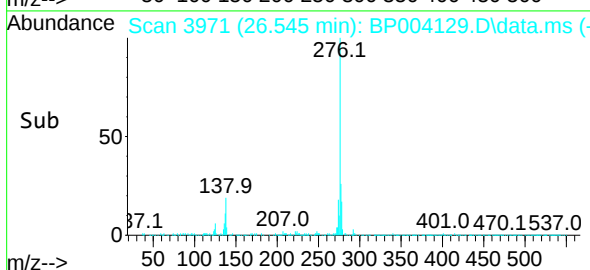
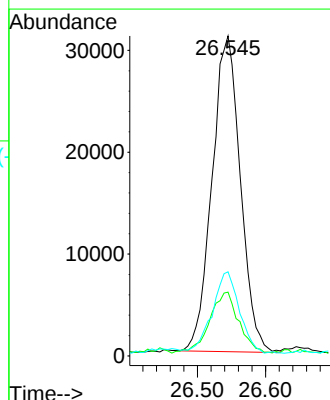
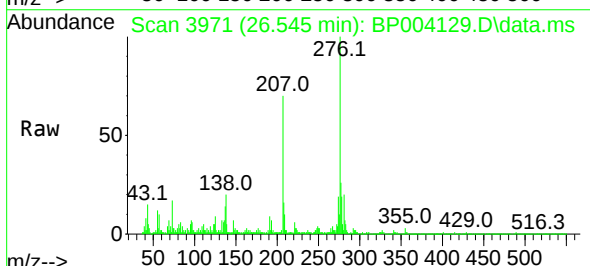
Tgt Ion:276 Resp: 89818

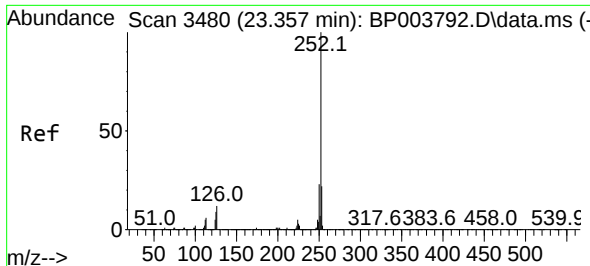
Ion Ratio Lower Upper

276 100

138 19.8 18.7 28.1

277 24.4 20.4 30.6

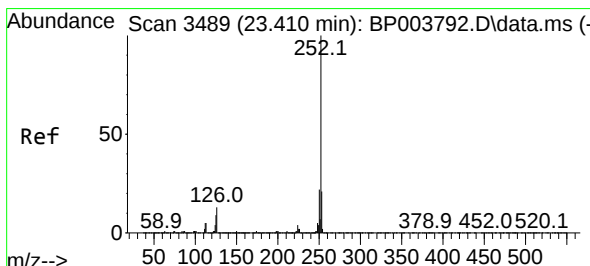
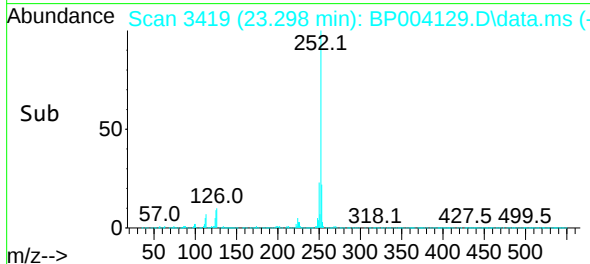
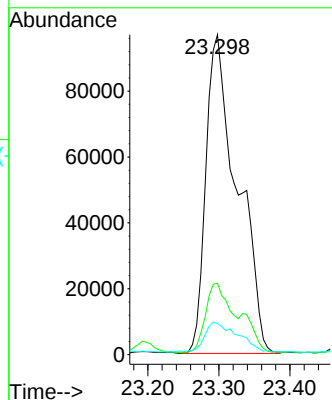
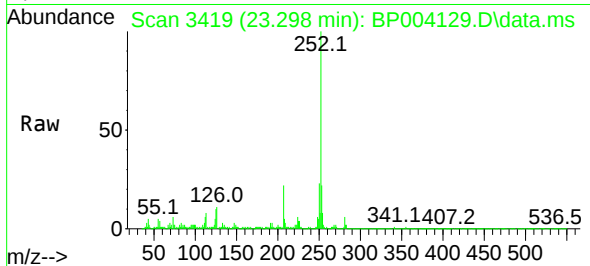




#88
Benzo(b)fluoranthene
Concen: 7.82 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

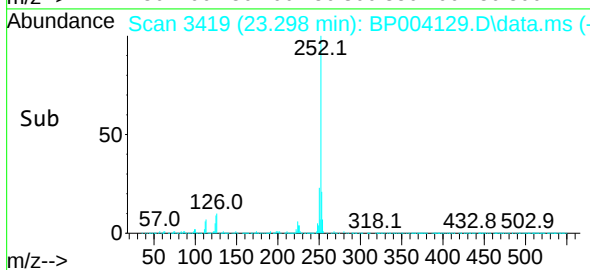
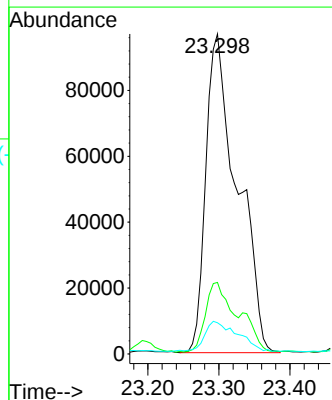
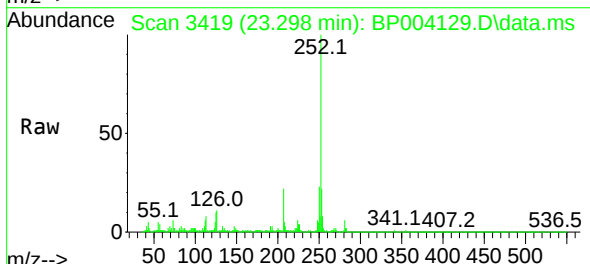
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPC

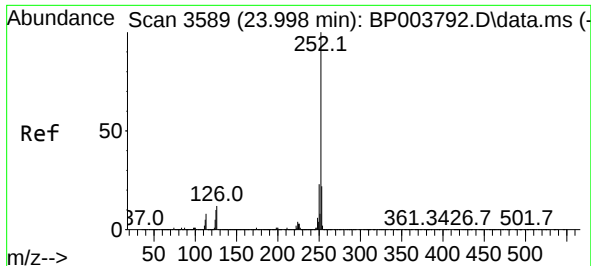
Tgt Ion:252 Resp: 297529
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.8 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 7.92 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:252 Resp: 297529
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.8 7.4 11.2

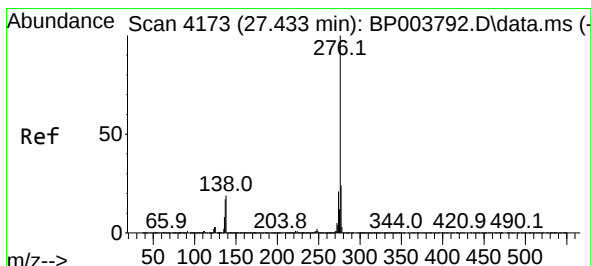
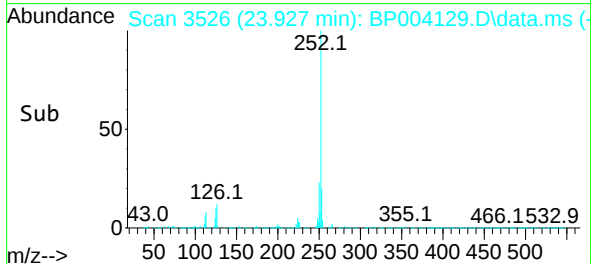
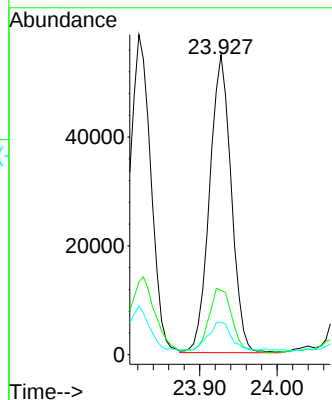
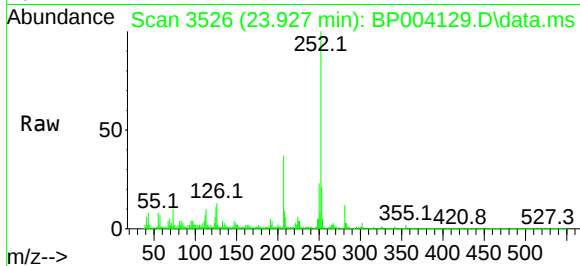




#90
Benzo(a)pyrene
Concen: 3.02 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

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

Tgt Ion:252 Resp: 106395
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.9 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.45 ng
RT: 27.321 min Scan# 4103
Delta R.T. -0.012 min
Lab File: BP004129.D
Acq: 02 Dec 2020 15:01

Tgt Ion:276 Resp: 82846
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 20.4 16.6 24.8

