Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001022.D
Acq On : 11 Nov 2019 18:11
Operator : JU
Sample : K5763-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:15:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	250674	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	926692	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	542910	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	1099961	20.00	ng		0.00
76) Chrysene-d12	19.29	240	1170391	20.00	ng		0.00
87) Perylene-d12	21.07	264	1276525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1125267	81.71	ng		0.00
7) Phenol-d6	7.81	99	1498870	86.07	ng		0.00
23) Nitrobenzene-d5	9.25	82	923927	55.15	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	585664	90.36	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	1932440	53.61	ng		-0.01
79) Terphenyl-d14	17.93	244	3186415	54.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	101349	5.321	ng		94
19) n-Nitroso-di-n-propylamine	9.25	70	124059	11.863	ng	#	77
32) Benzoic acid	10.05	122	132	7.683	ng	#	71
49) Acenaphthylene	13.02	152	151771	3.055	ng		99
50) Dimethylphthalate	12.84	163	181745	4.527	ng		99
54) 2,4-Dinitrophenol	13.36	184	29	8.318	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.20	198	51	9.893	ng	#	1
75) Fluoranthene	17.39	202	562572	8.841	ng		99
78) Pyrene	17.70	202	680228	8.224	ng		99
81) Benzo(a)anthracene	19.32	228	566623	7.188	ng		95
83) Chrysene	19.32	228	566623	8.188	ng		98
88) Benzo(b)fluoranthene	20.58	252	1343746	17.659	ng		99
89) Benzo(k)fluoranthene	20.58	252	1343746	18.760	ng		98
90) Benzo(a)pyrene	21.00	252	718047	10.262	ng		97
92) Benzo(g,h,i)perylene	23.23	276	459518	6.390	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001022.D
Acq On : 11 Nov 2019 18:11
Operator : JU
Sample : K5763-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 12 04:15:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
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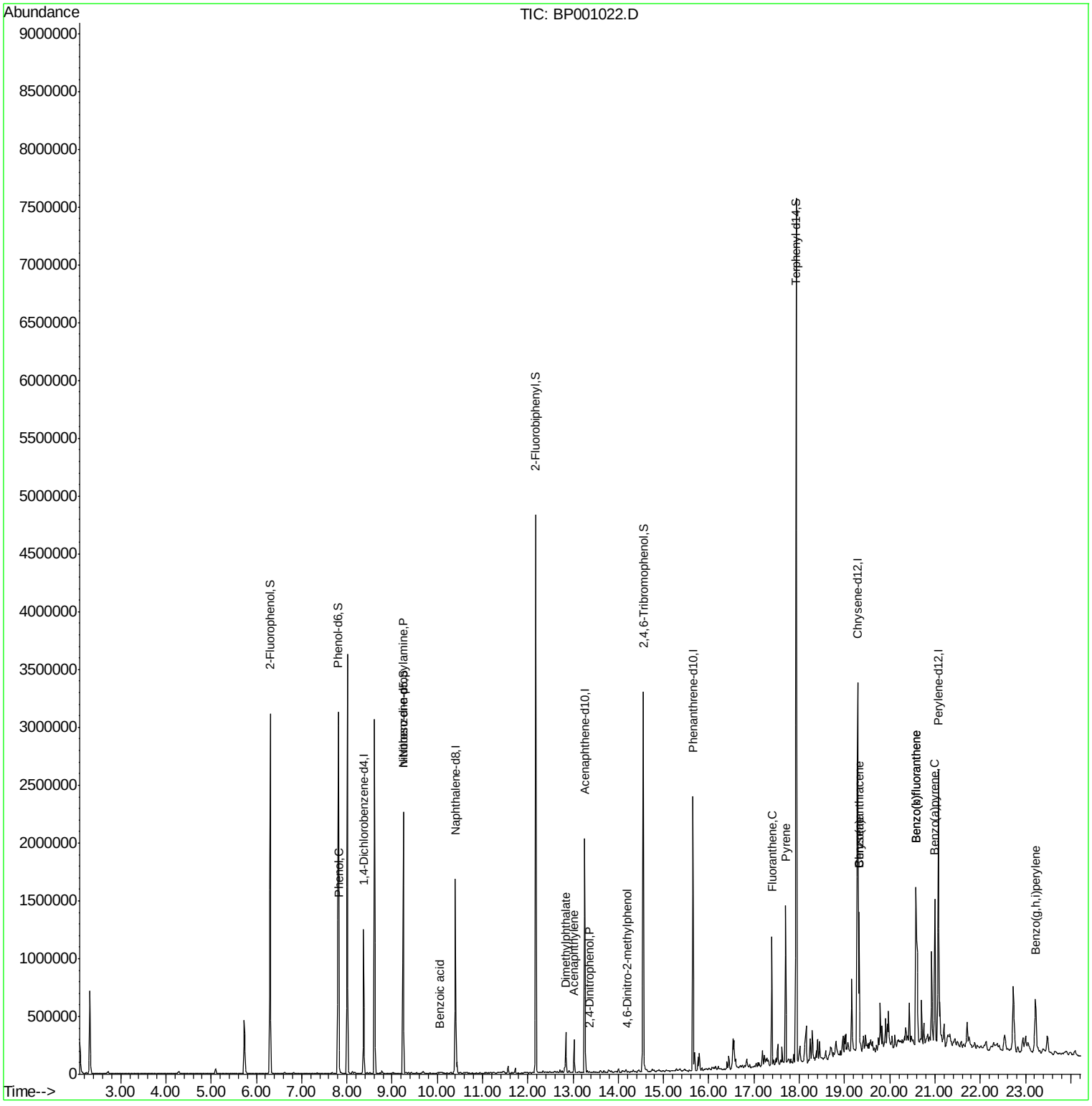
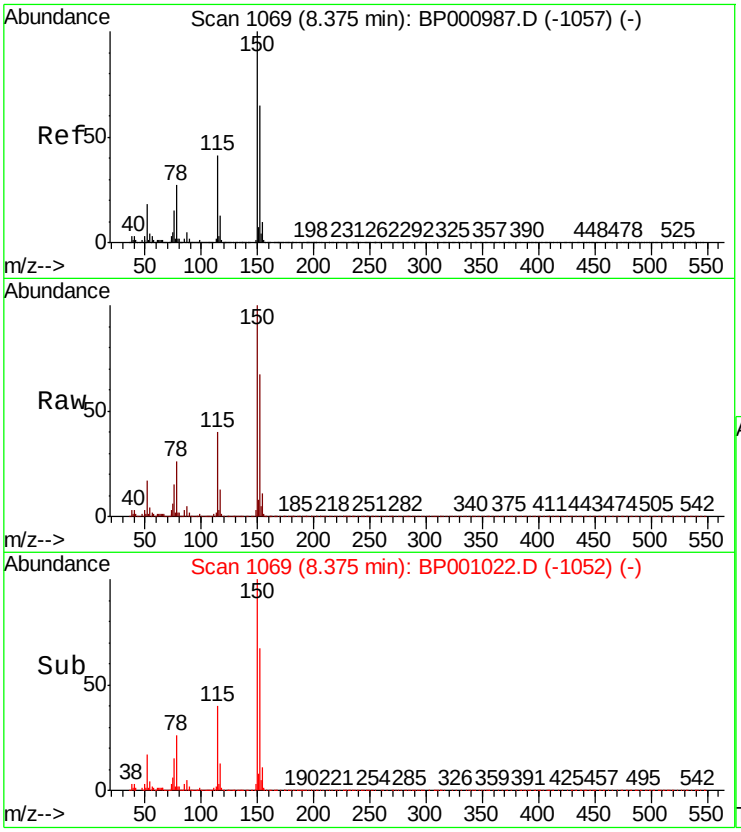


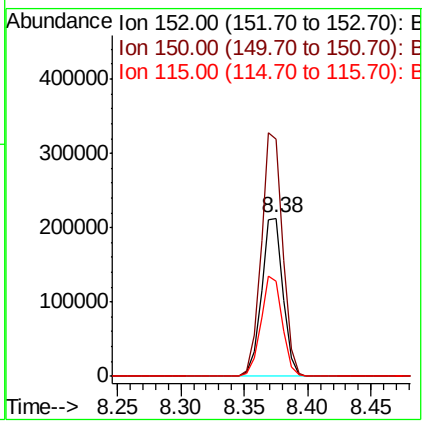


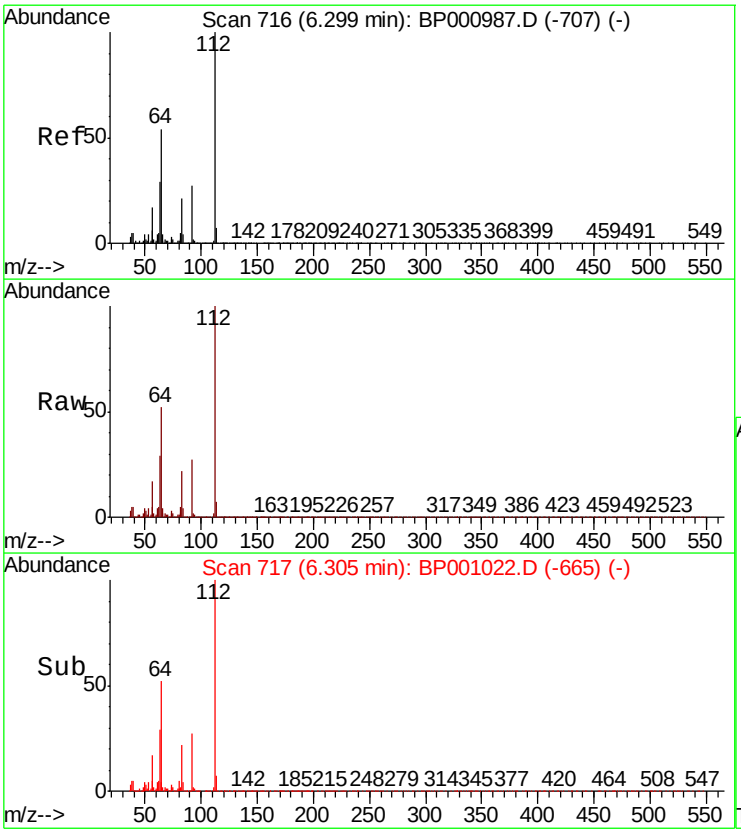
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 250674

Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.6	185.4
115	59.9	50.1	75.1

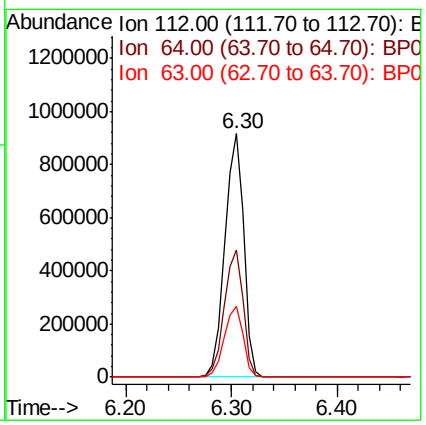


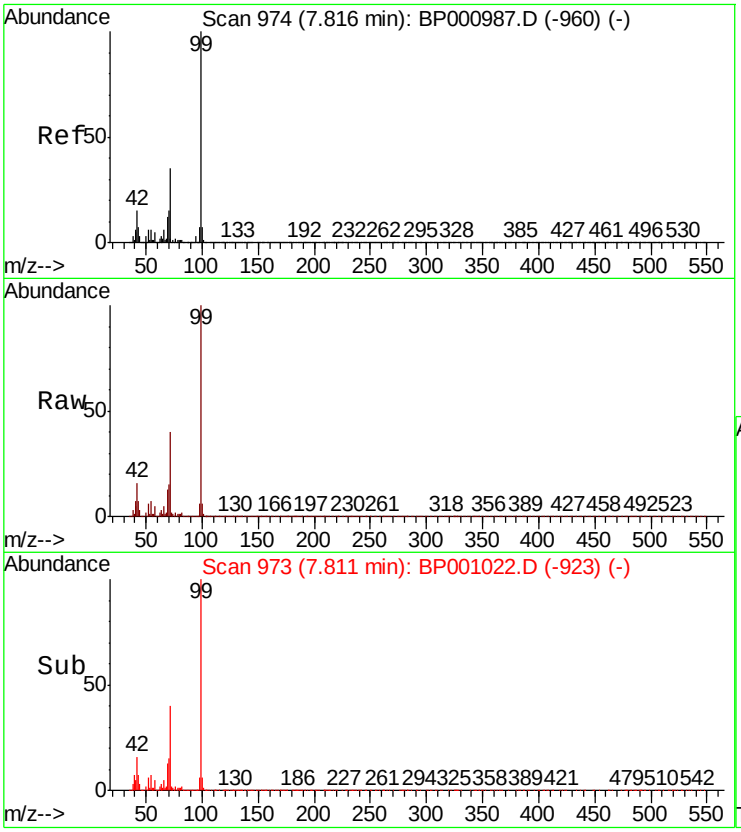


#5
2-Fluorophenol
Concen: 81.707 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:112 Resp: 1125267

Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.4	65.0
63	29.3	23.4	35.0



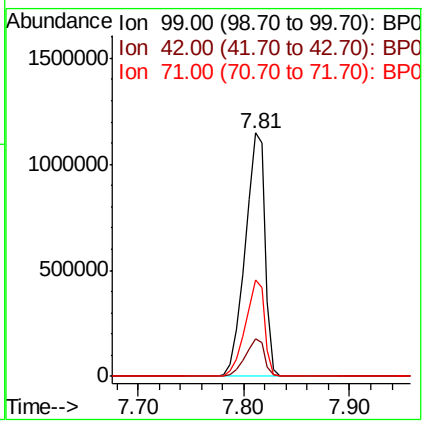


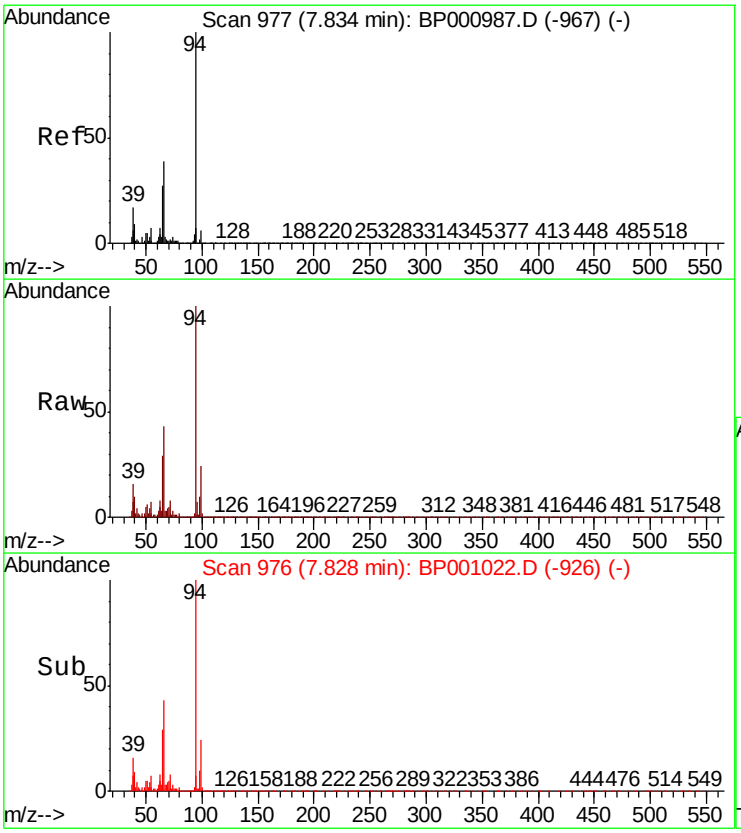
#7
Phenol-d6
Concen: 86.066 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1498870

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	39.6	28.0	42.0

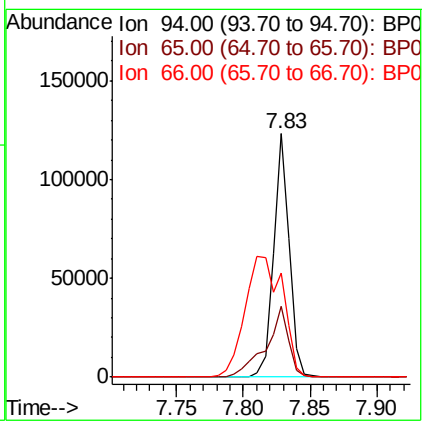


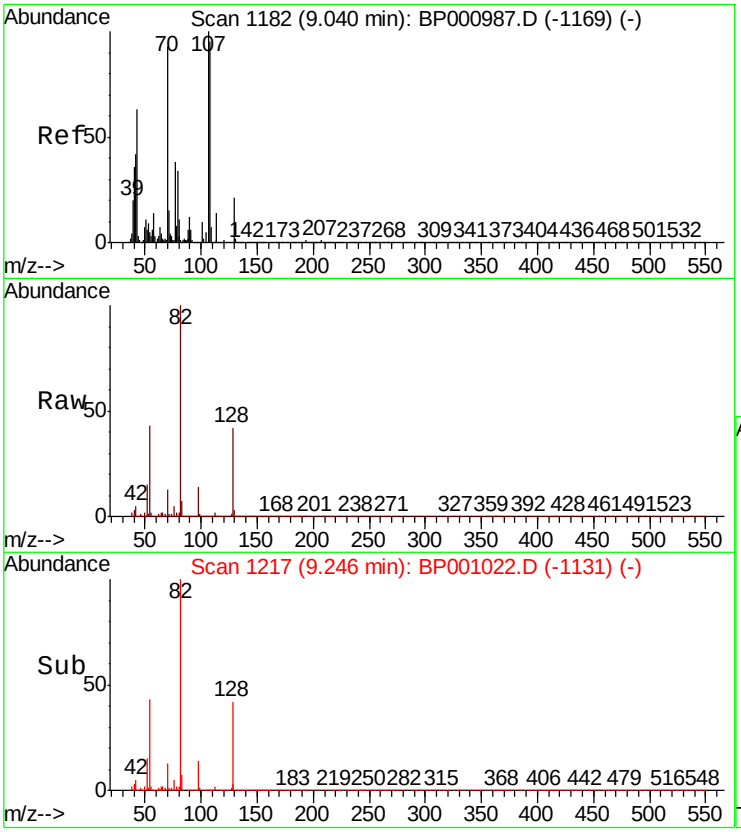


#10
Phenol
Concen: 5.321 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion: 94 Resp: 101349

Ion	Ratio	Lower	Upper
94	100		
65	28.8	6.7	46.7
66	42.6	18.6	58.6



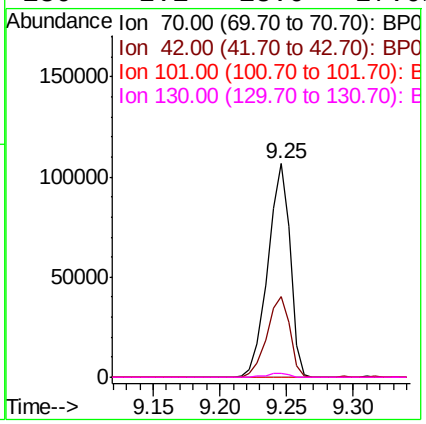


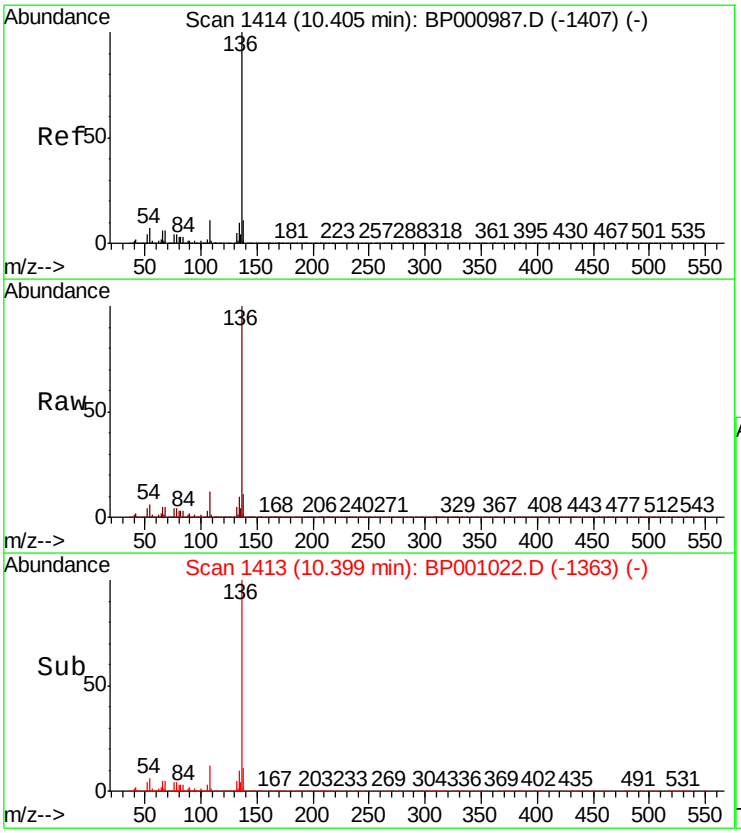
#19
n-Nitroso-di-n-propylamine
Concen: 11.863 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 124059

Ion	Ratio	Lower	Upper
70	100		
42	37.8	36.3	54.5
101	0.0	8.7	13.1#
130	2.1	18.0	27.0#

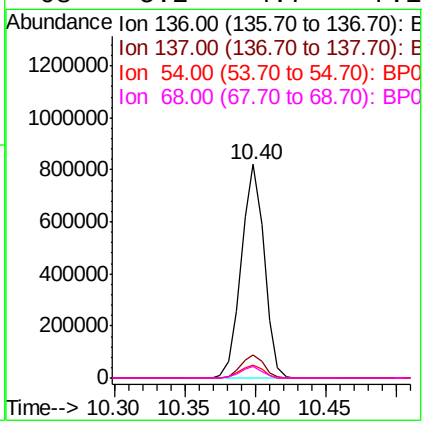


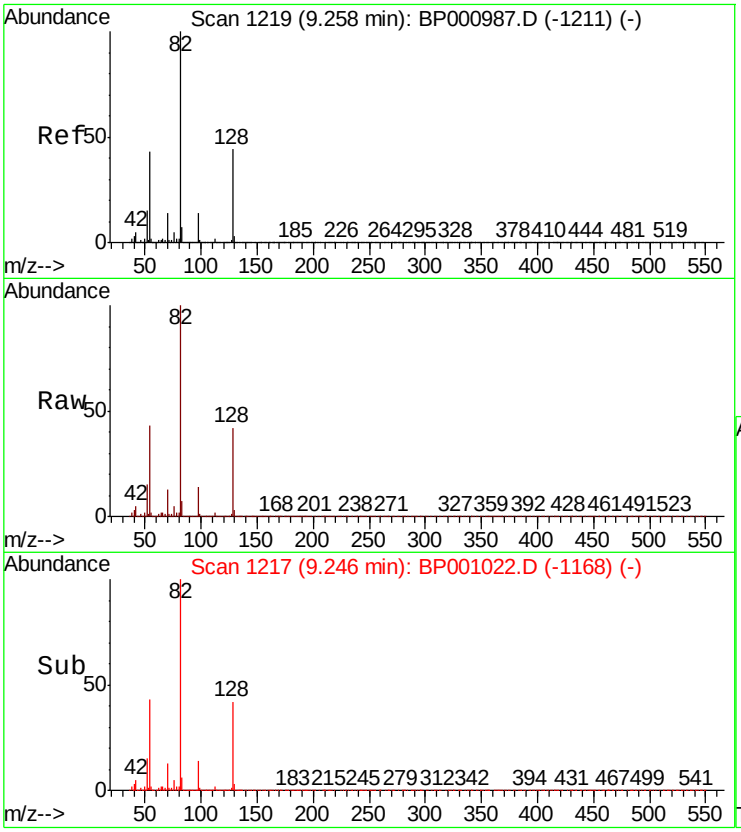


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:136 Resp: 926692

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.2	5.4	8.2
68	5.2	4.7	7.1



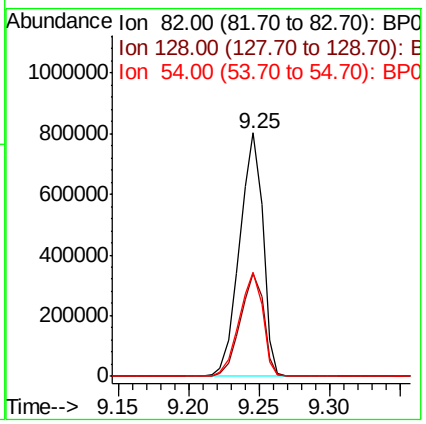


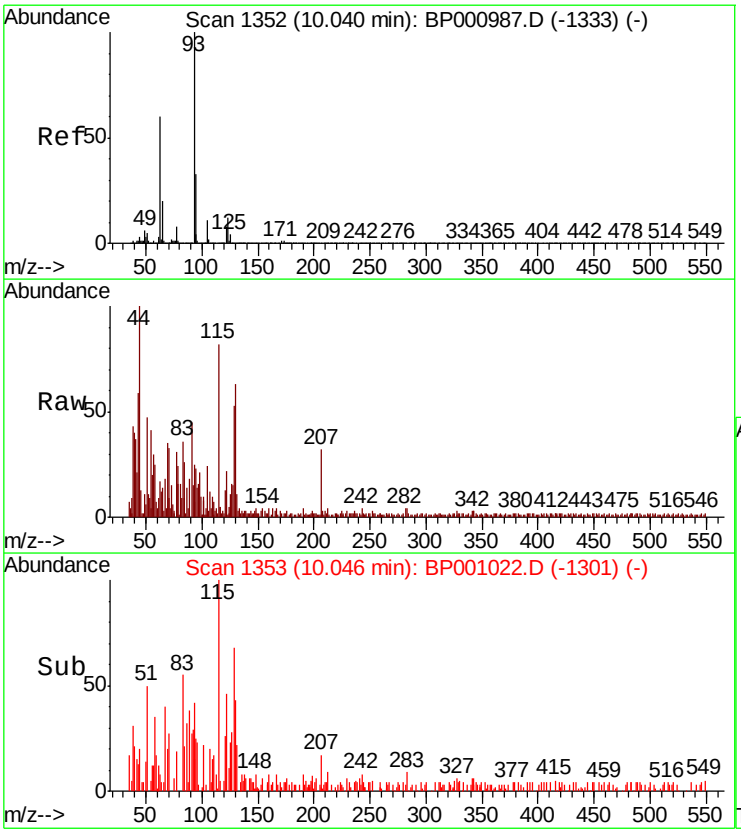
#23
Nitrobenzene-d5
Concen: 55.152 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 923927

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.3	52.9
54	42.9	34.3	51.5

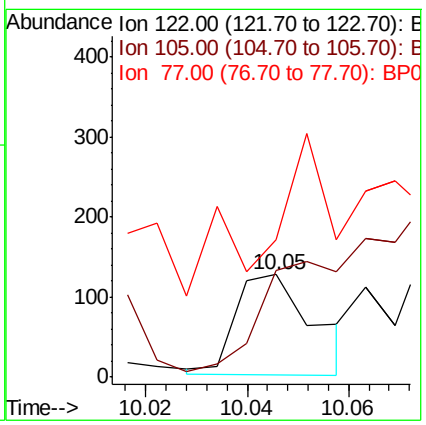


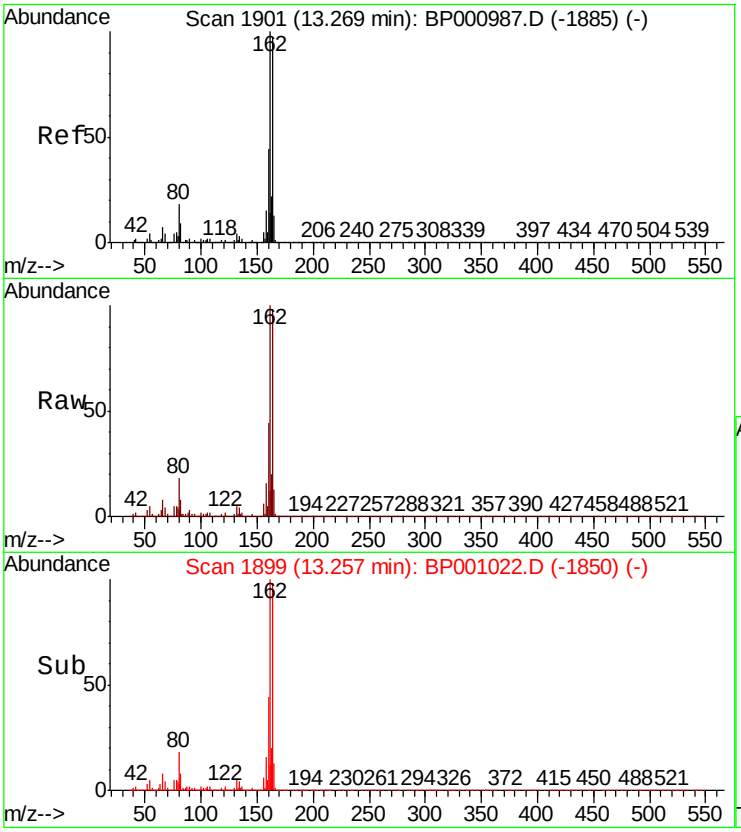


#32
Benzoic acid
Concen: 7.683 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	103.9	110.5	150.5#
77	134.4	77.9	117.9#



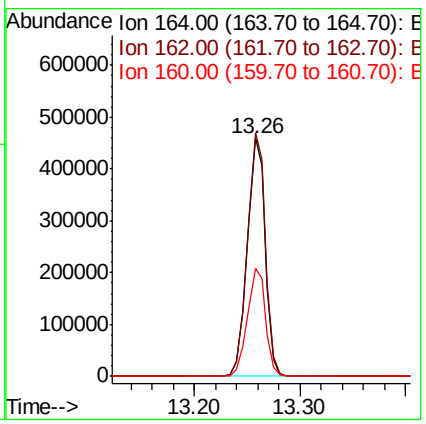


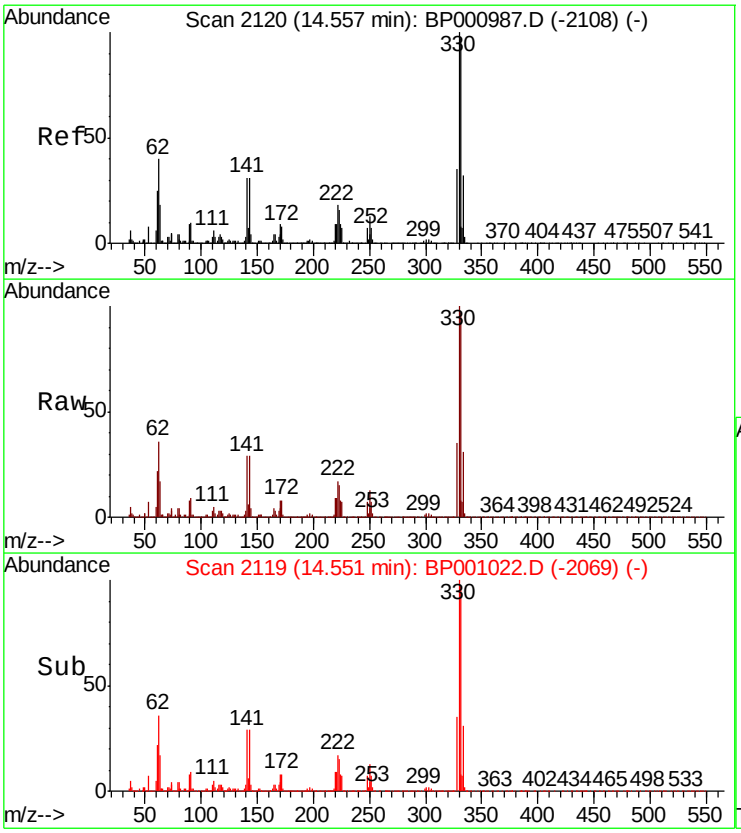
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 542910

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.2	36.5	54.7

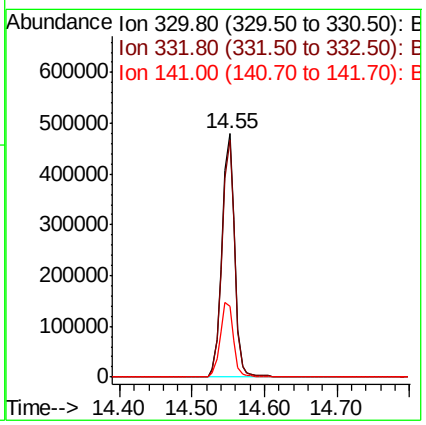


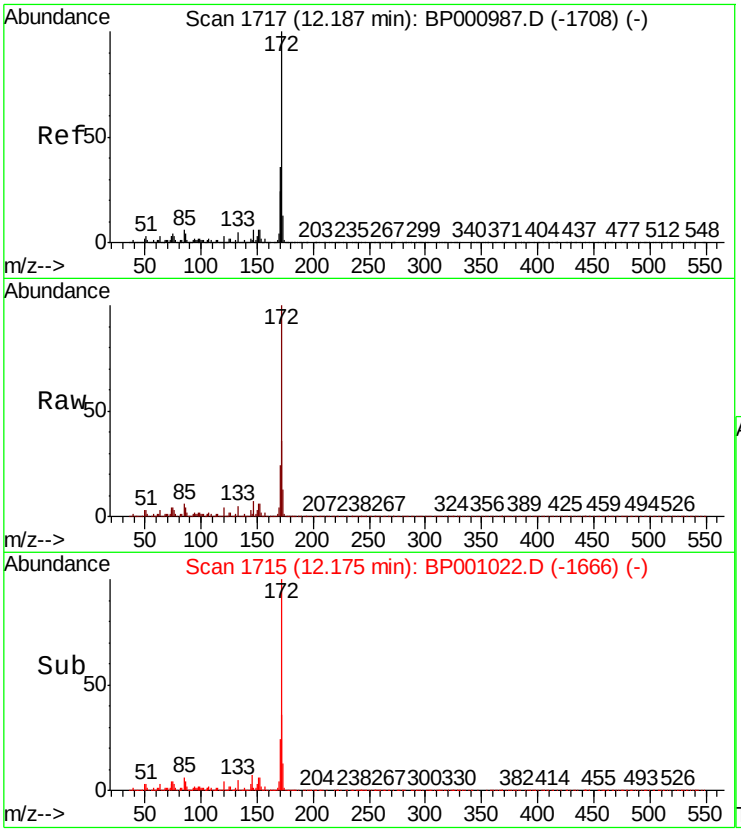


#42
2,4,6-Tribromophenol
Concen: 90.365 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:330 Resp: 585664

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	31.7	25.0	37.4



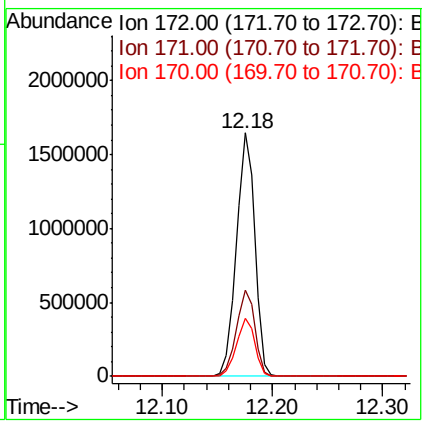


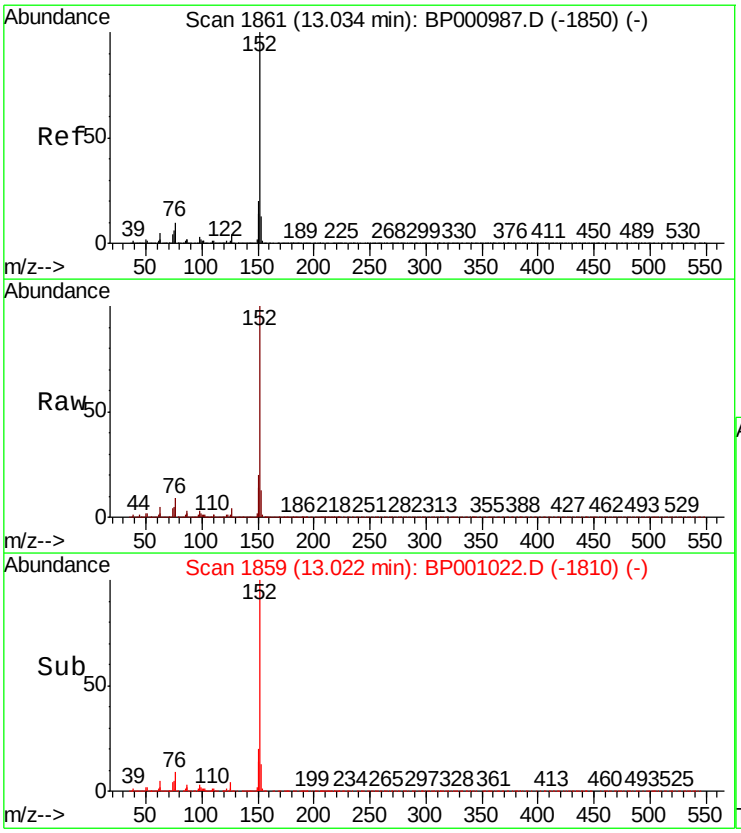
#45
2-Fluorobiphenyl
Concen: 53.608 ng
RT: 12.18 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1932440

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.9	28.3

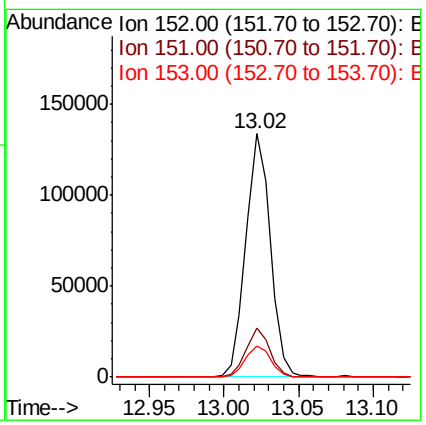


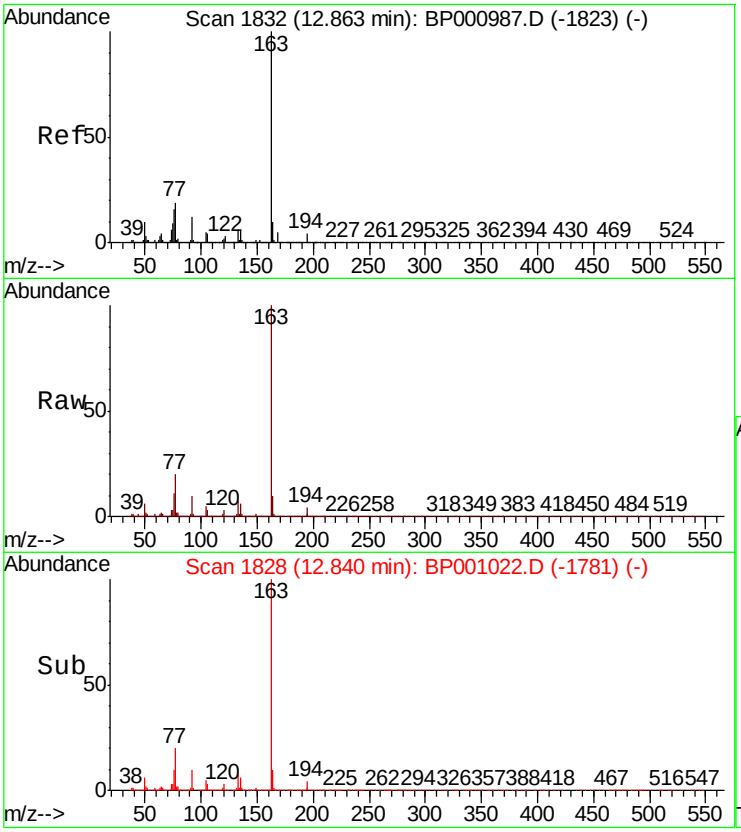


#49
Acenaphthylene
Concen: 3.055 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:152 Resp: 151771

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	12.6	10.6	16.0



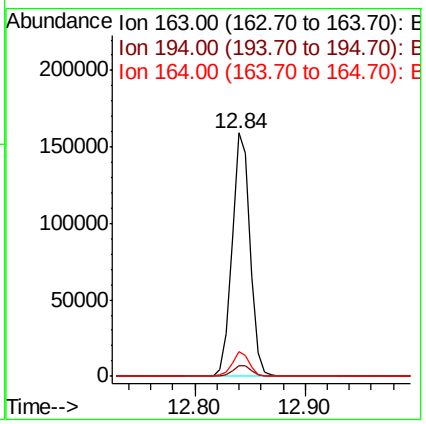


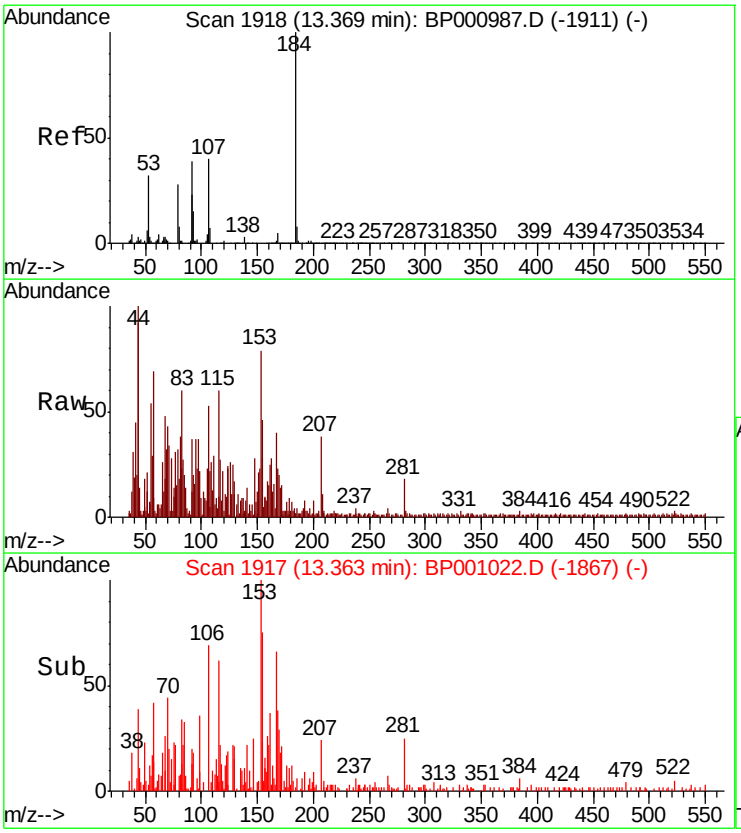
#50
Dimethylphthalate
Concen: 4.527 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 181745

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.9	11.9

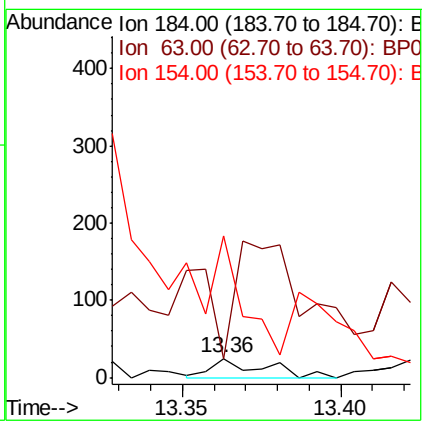


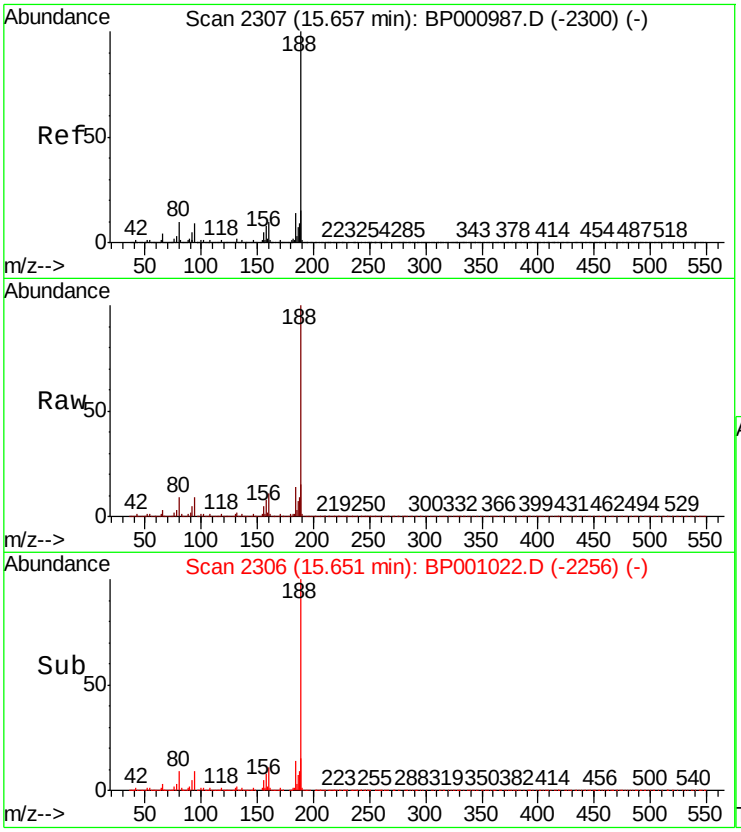


#54
2,4-Dinitrophenol
Concen: 8.318 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:184 Resp: 29

Ion	Ratio	Lower	Upper
184	100		
63	100.0	41.0	61.6#
154	732.0	48.1	72.1#



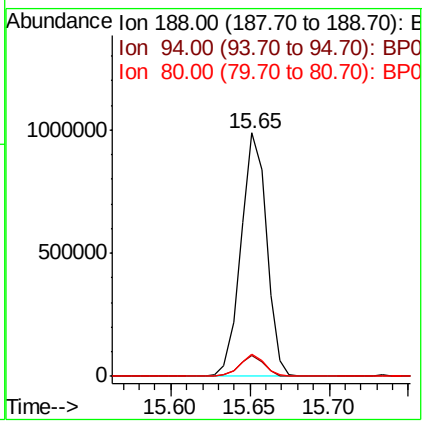


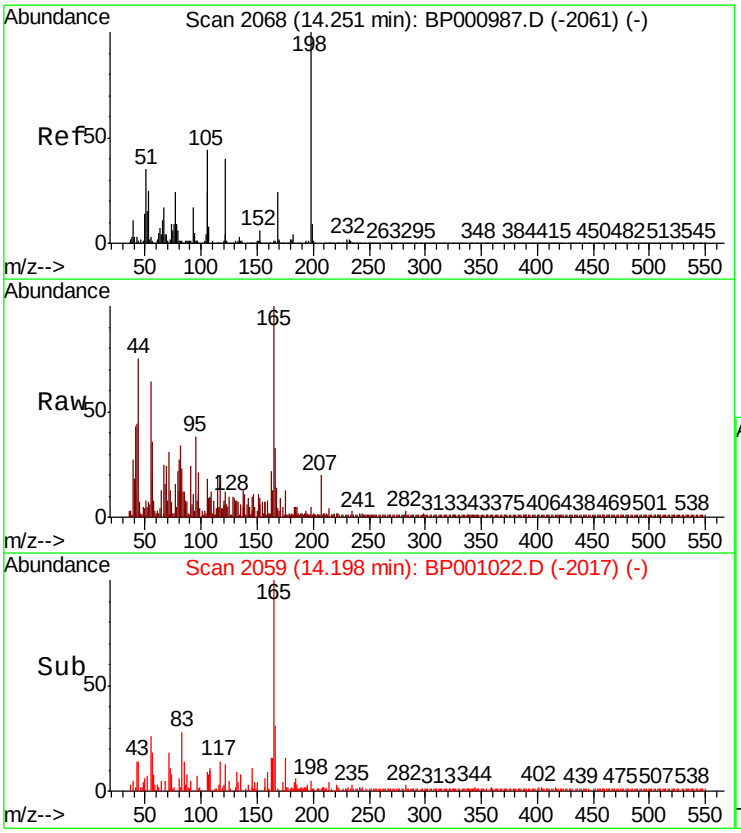
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1099961

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.0	7.9	11.9

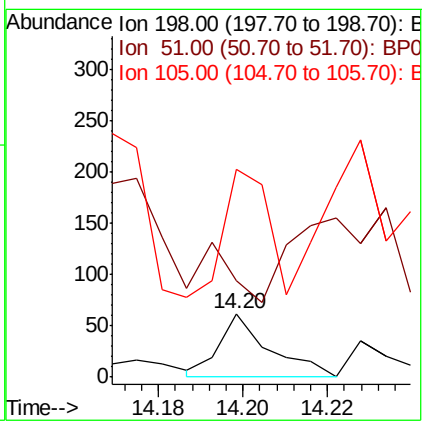


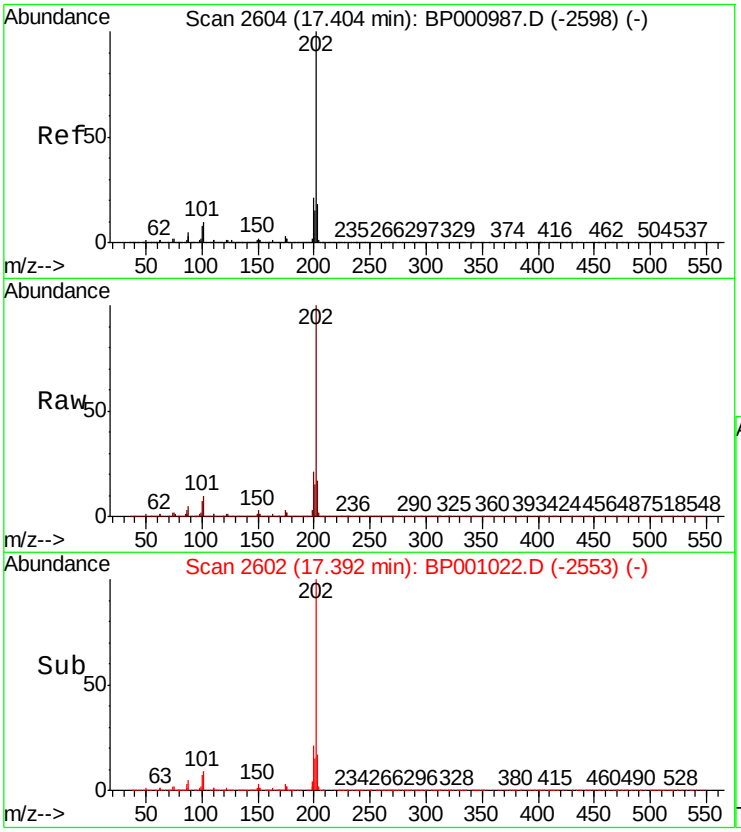


#65
4,6-Dinitro-2-methylphenol
Concen: 9.893 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.05 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:198 Resp: 51

Ion	Ratio	Lower	Upper
198	100		
51	151.6	16.0	56.0#
105	327.4	24.9	64.9#



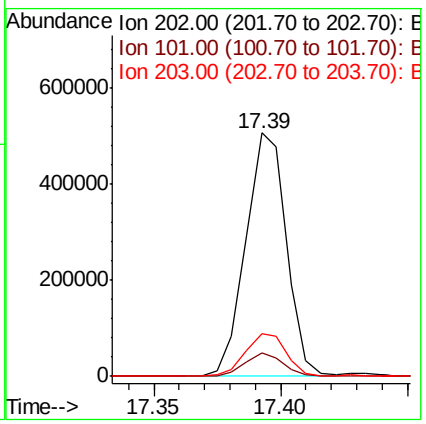


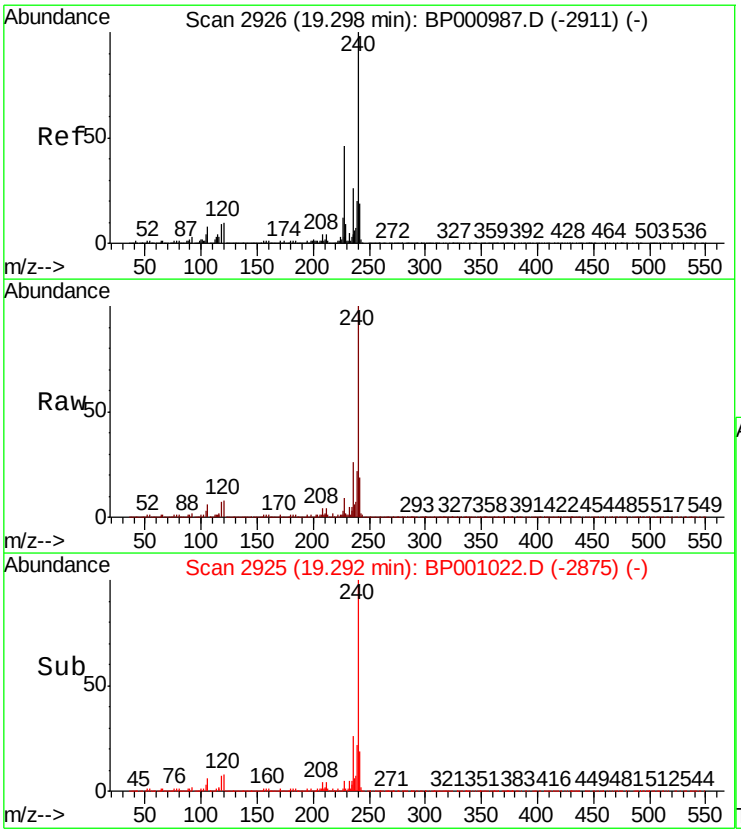
#75
Fluoranthene
Concen: 8.841 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 562572

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.1
203	17.5	0.0	37.7

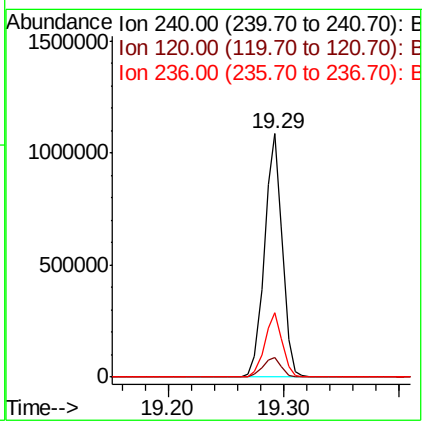


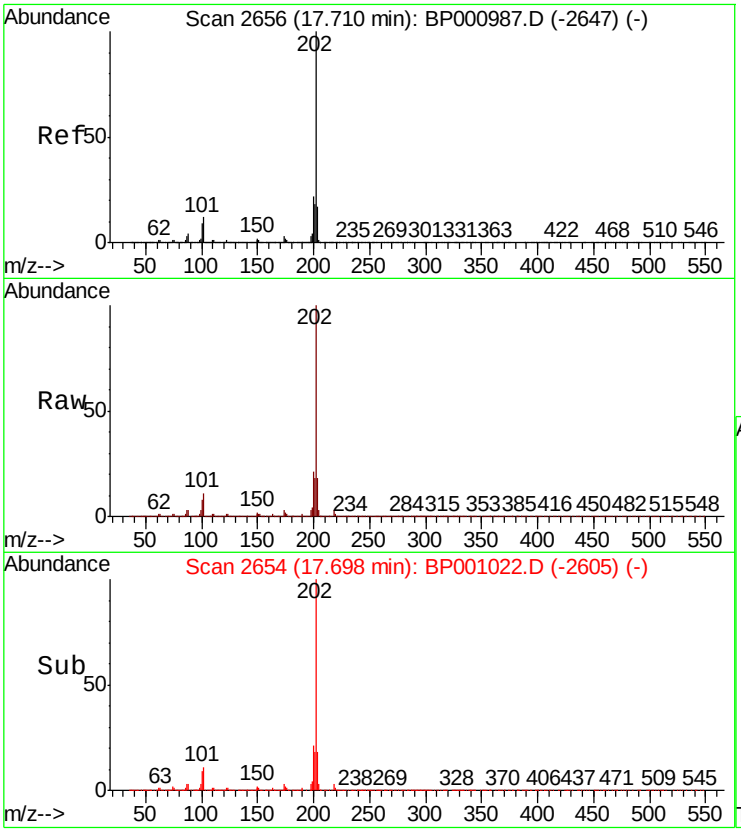


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:240 Resp: 1170391

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	26.3	20.5	30.7



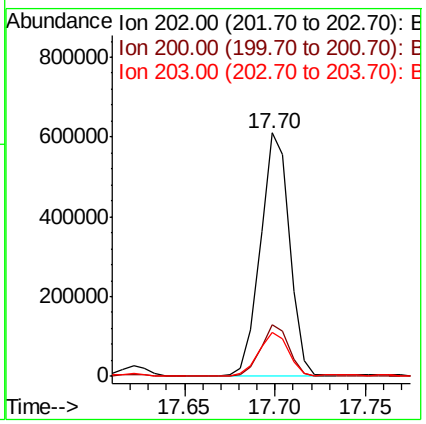


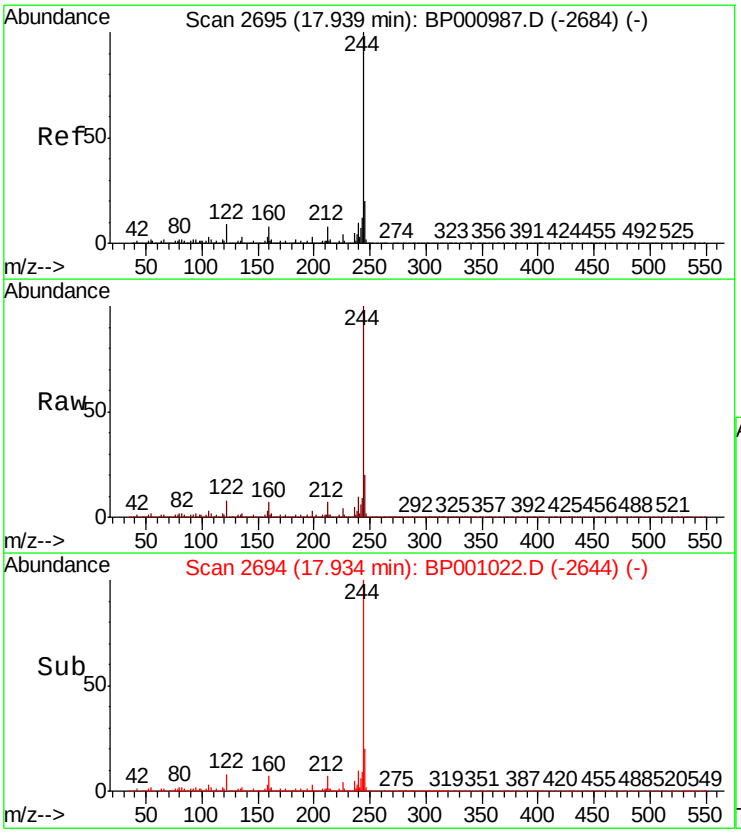
#78
Pyrene
Concen: 8.224 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 680228

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.9	14.0	21.0

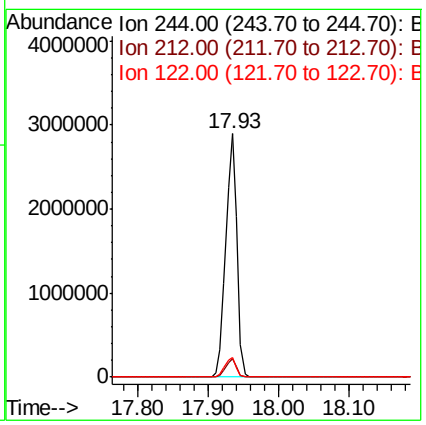


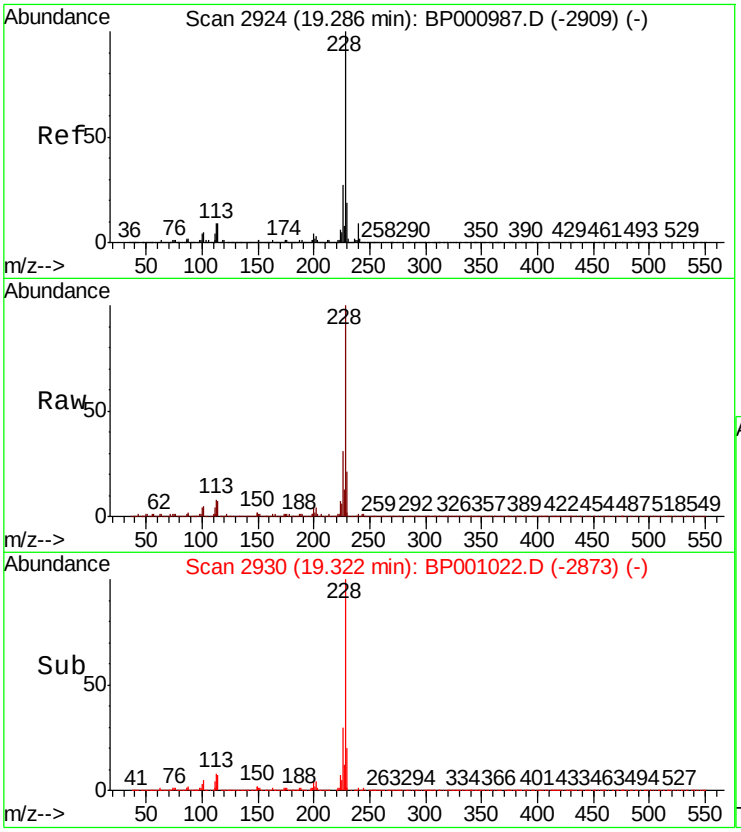


#79
Terphenyl-d14
Concen: 54.155 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:244 Resp: 3186415

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.0	7.4	11.2



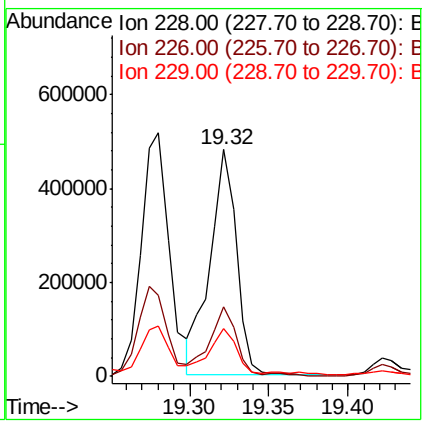


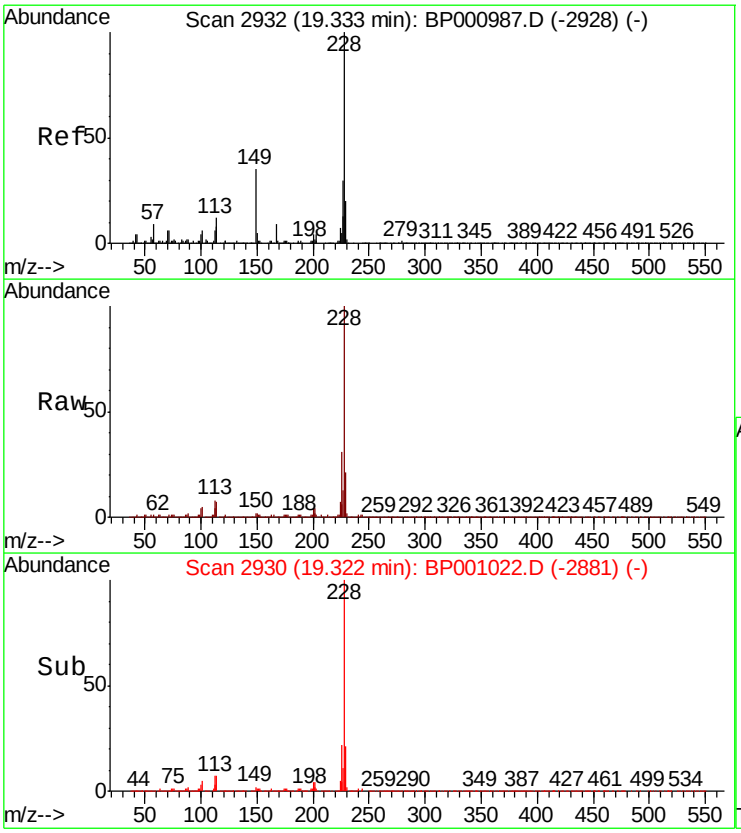
#81
Benzo(a)anthracene
Concen: 7.188 ng
RT: 19.32 min Scan# 2930
Delta R.T. 0.04 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 566623

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.8
229	21.3	15.6	23.4

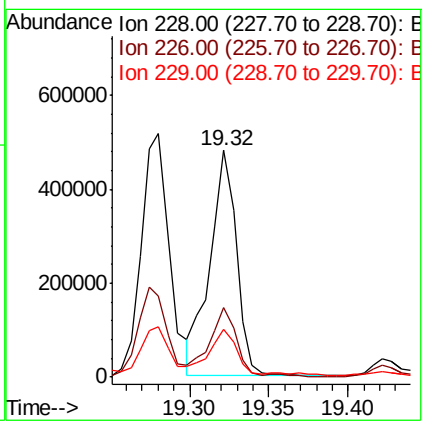


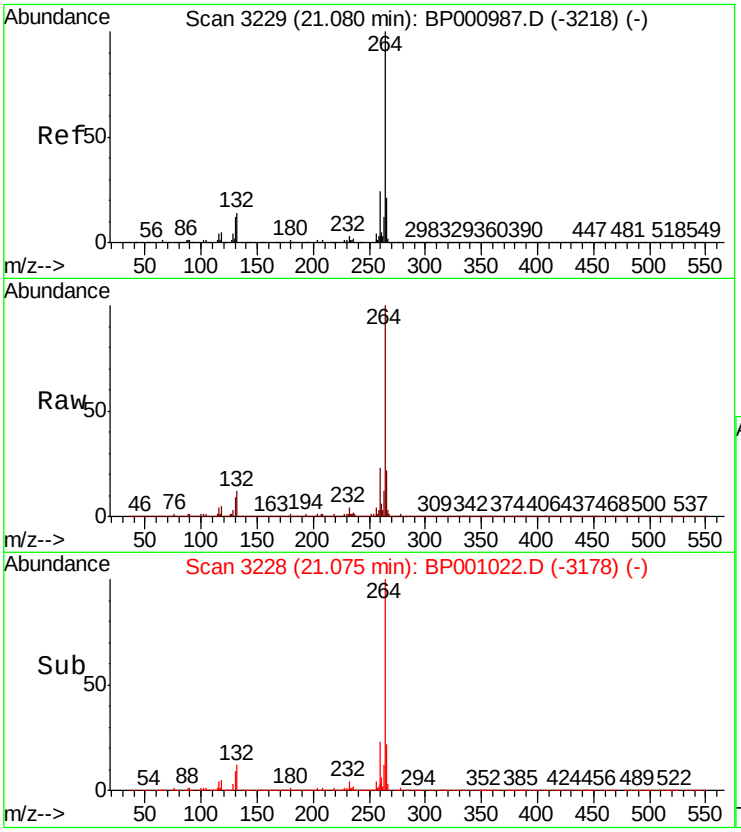


#83
Chrysene
Concen: 8.188 ng
RT: 19.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:228 Resp: 566623

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.3	15.8	23.6



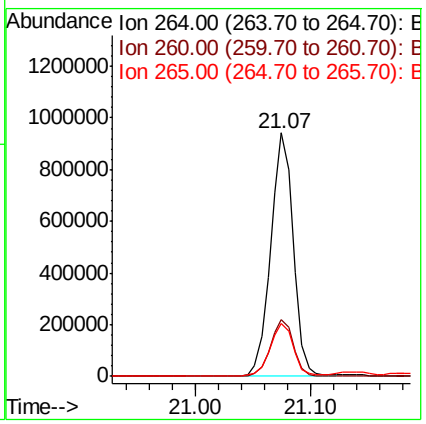


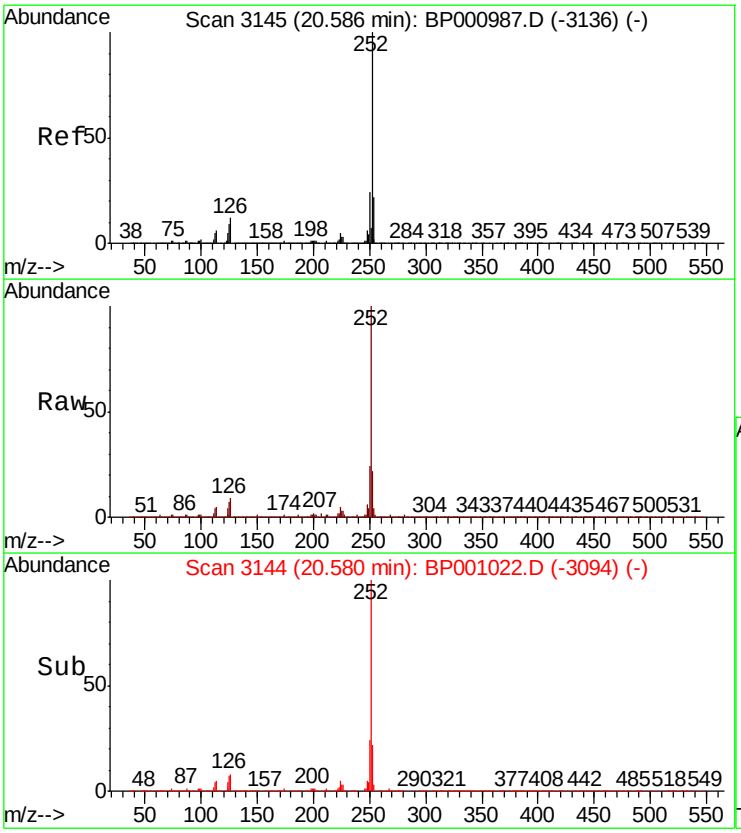
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1276525

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.7	17.1	25.7

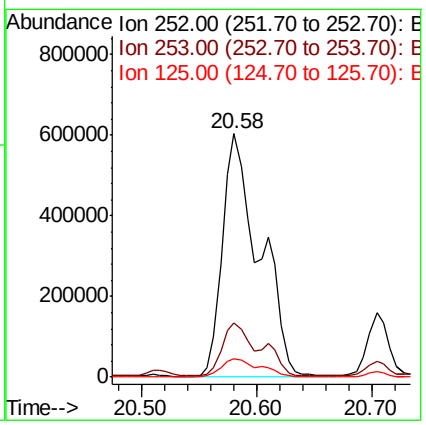


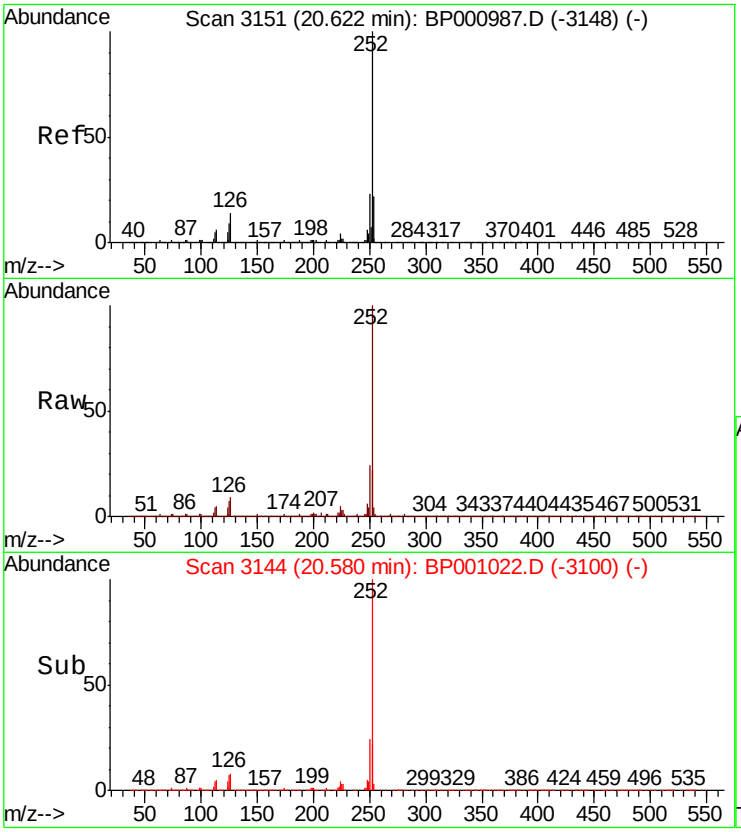


#88
Benzo(b)fluoranthene
Concen: 17.659 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:252 Resp: 1343746

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.3	7.3	10.9



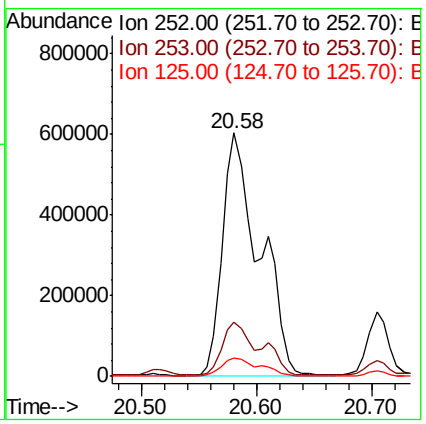


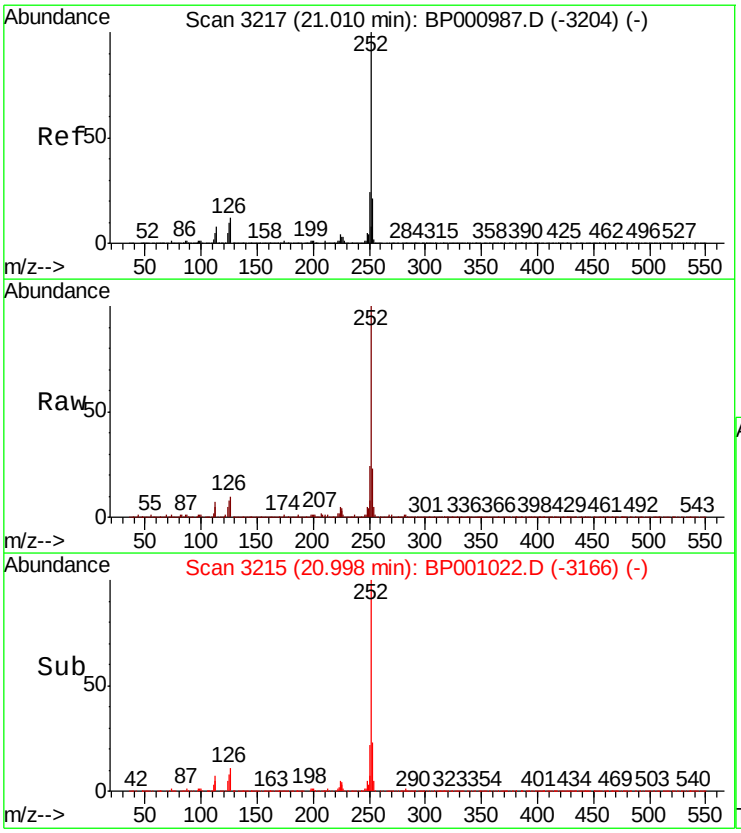
#89
Benzo(k)fluoranthene
Concen: 18.760 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.04 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1343746

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.3	7.3	10.9

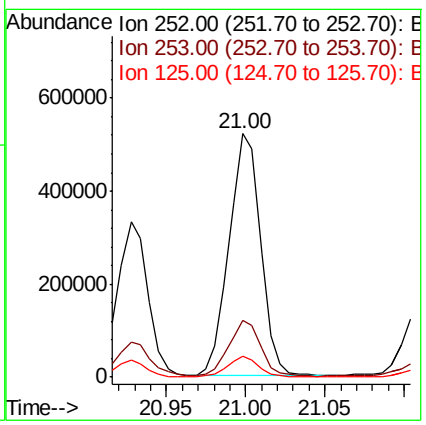


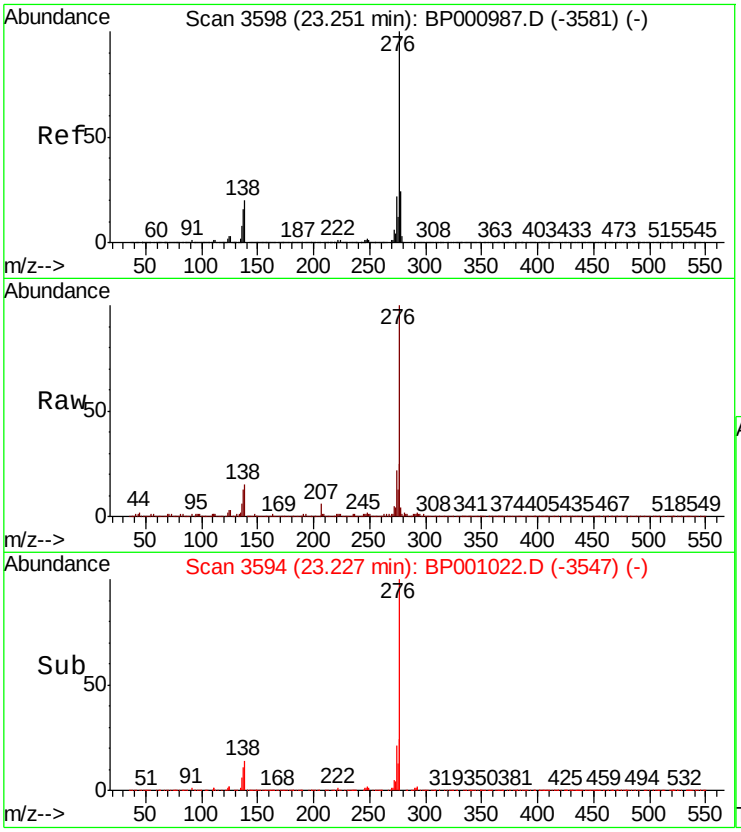


#90
Benzo(a)pyrene
Concen: 10.262 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:252 Resp: 718047

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	8.4	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 6.390 ng
RT: 23.23 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 459518

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	15.1	15.7	23.5#