Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
Data File : BP000549.D
Acq On : 07 Oct 2019 17:43
Operator : JU
Sample : K5213-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2(0-5)

Quant Time: Oct 07 18:28:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	274467	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	987703	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	543921	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	989444	20.00	ng		0.00
76) Chrysene-d12	13.97	240	855460	20.00	ng		0.00
87) Perylene-d12	15.45	264	974341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1374432	80.49	ng		-0.01
7) Phenol-d6	6.40	99	2124767	103.27	ng		0.00
23) Nitrobenzene-d5	7.32	82	1163488	71.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	362662	62.57	ng		-0.01
45) 2-Fluorobiphenyl	9.13	172	2194659	65.28	ng		0.00
79) Terphenyl-d14	12.91	244	2509842	59.40	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.41	94	86156	4.090	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	144894	15.277	ng	#	72
25) Isophorone	7.32	82	1162296	40.496	ng	#	61
41) Hexachlorocyclopentadiene	8.99	237	22	7.300	ng		87
50) Dimethylphthalate	9.52	163	339291	8.977	ng		100
57) 2,4-Dinitrotoluene	9.80	165	71484	6.541	ng	#	32
67) 4-Bromophenyl-phenylether	10.60	248	25544	2.293	ng	#	1
71) Phenanthrene	11.33	178	189979	3.823	ng		100
75) Fluoranthene	12.53	202	355845	6.376	ng		99
78) Pyrene	12.76	202	362481	6.144	ng		99
81) Benzo(a)anthracene	13.96	228	200357	3.839	ng		95
83) Chrysene	14.00	228	167426	3.268	ng		97
88) Benzo(b)fluoranthene	15.02	252	304079	5.501	ng		95
89) Benzo(k)fluoranthene	15.02	252	304079	5.778	ng	#	97
90) Benzo(a)pyrene	15.39	252	169904	3.297	ng		95
92) Benzo(g,h,i)perylene	17.36	276	110260	2.171	ng		95

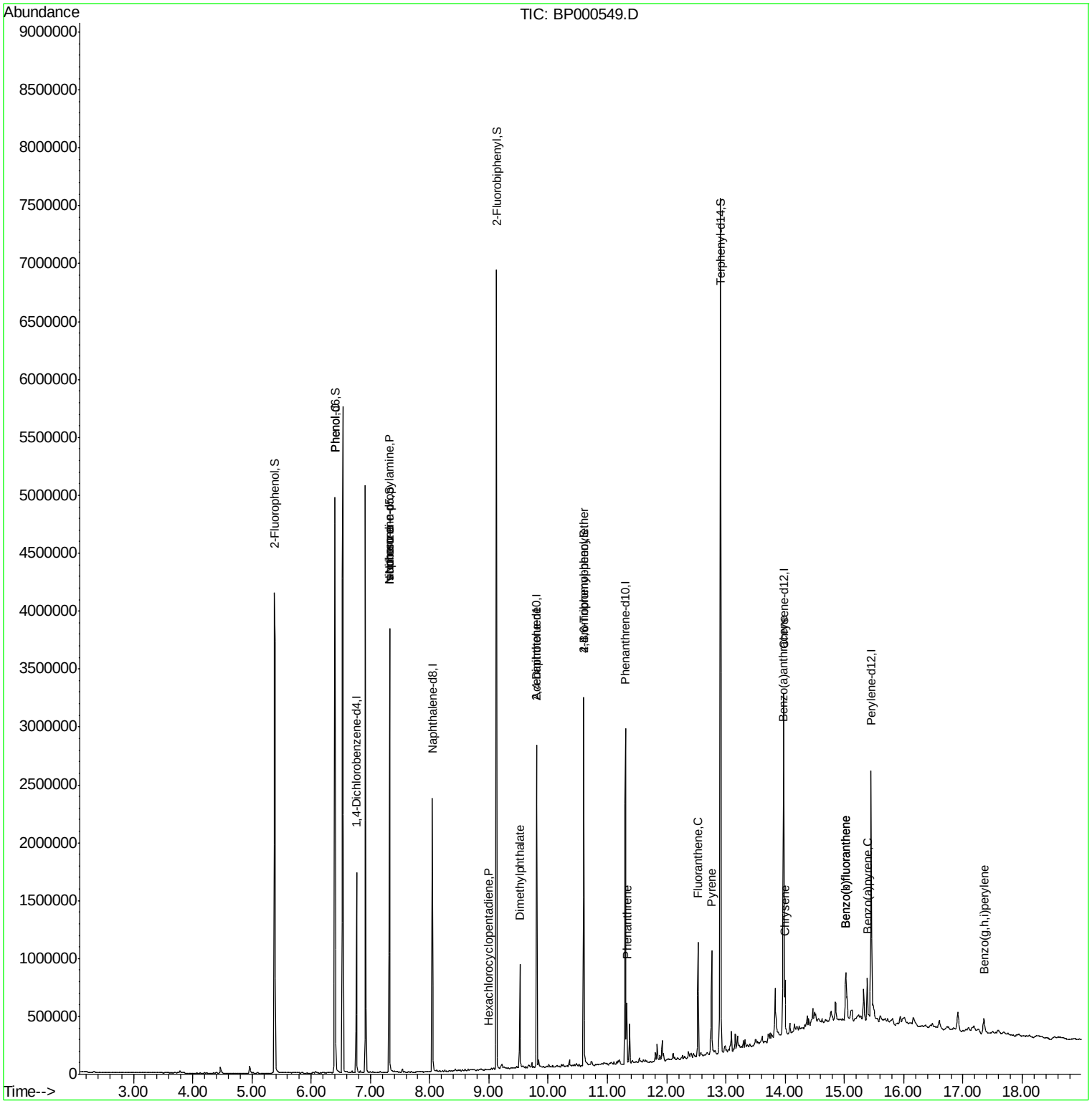
(#) = qualifier out of range (m) = manual integration (+) = signals summed

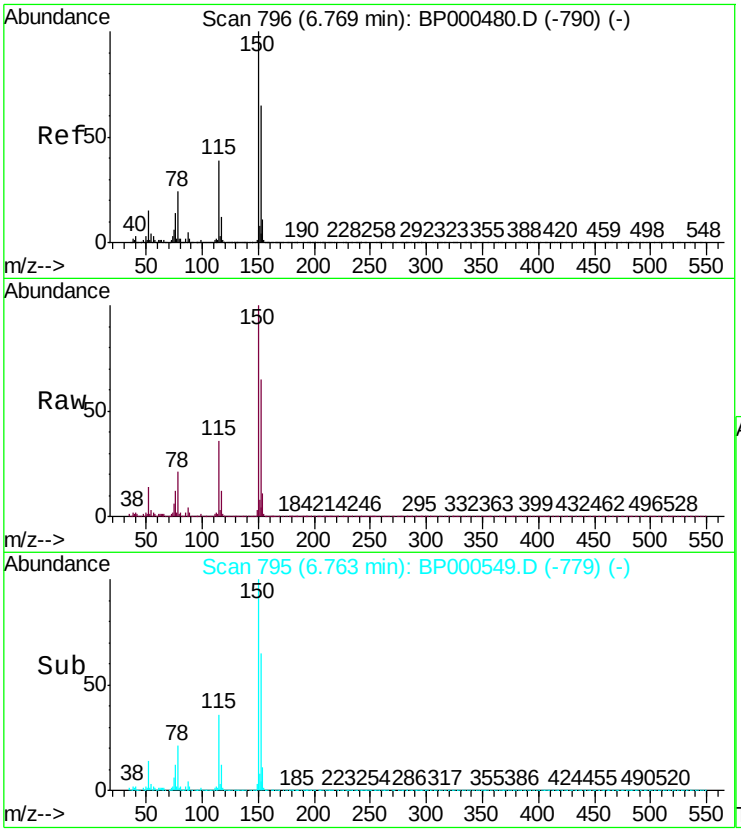
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
Data File : BP000549.D
Acq On : 07 Oct 2019 17:43
Operator : JU
Sample : K5213-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Quant Time: Oct 07 18:28:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



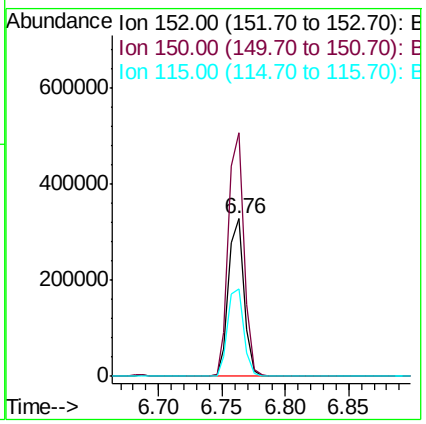


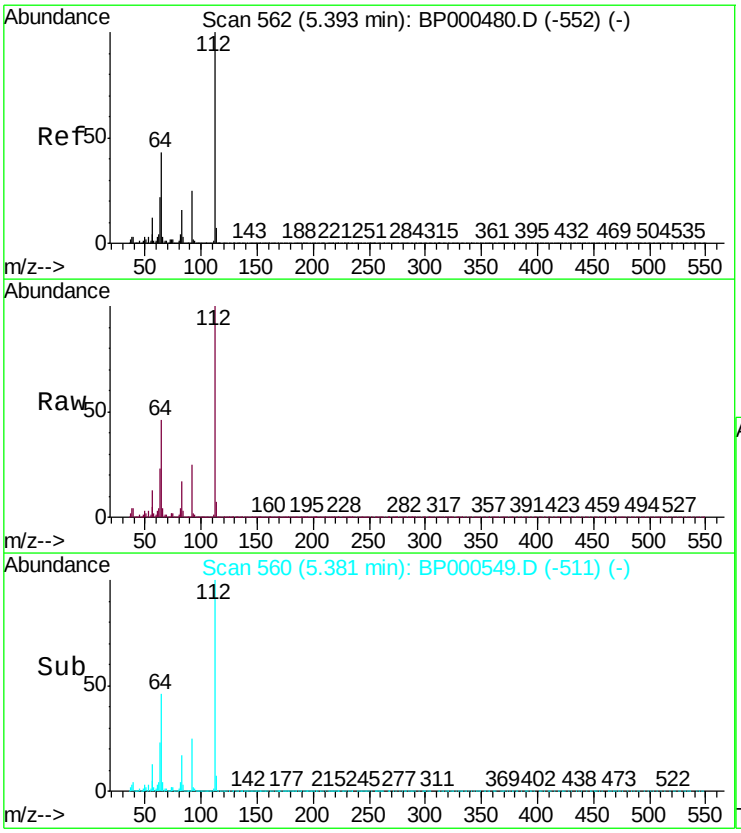
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:152 Resp: 274467

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	55.8	48.7	73.1

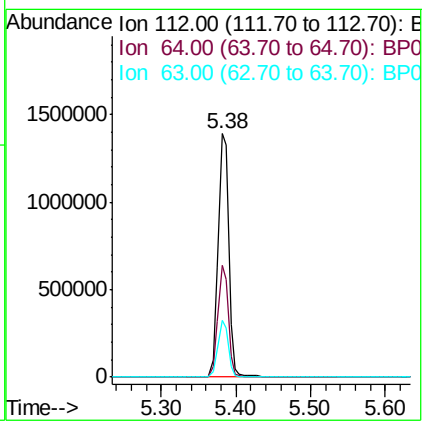


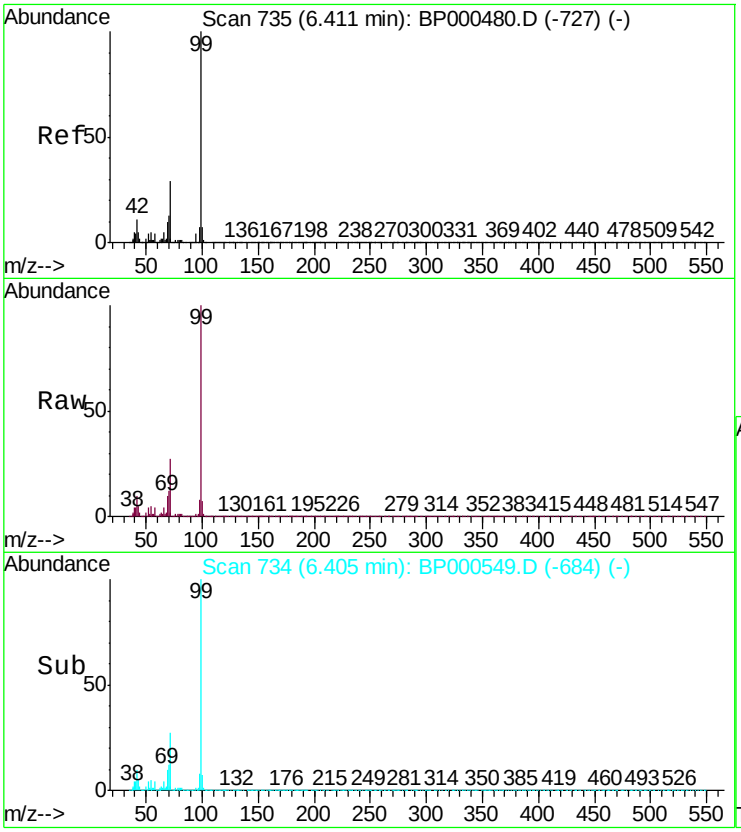


#5
2-Fluorophenol
Concen: 80.495 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:112 Resp: 1374432

Ion	Ratio	Lower	Upper
112	100		
64	45.9	34.2	51.4
63	23.4	17.9	26.9



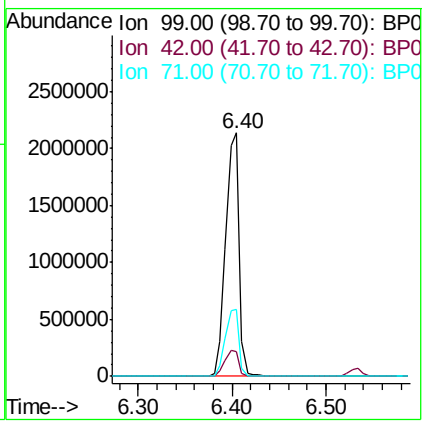


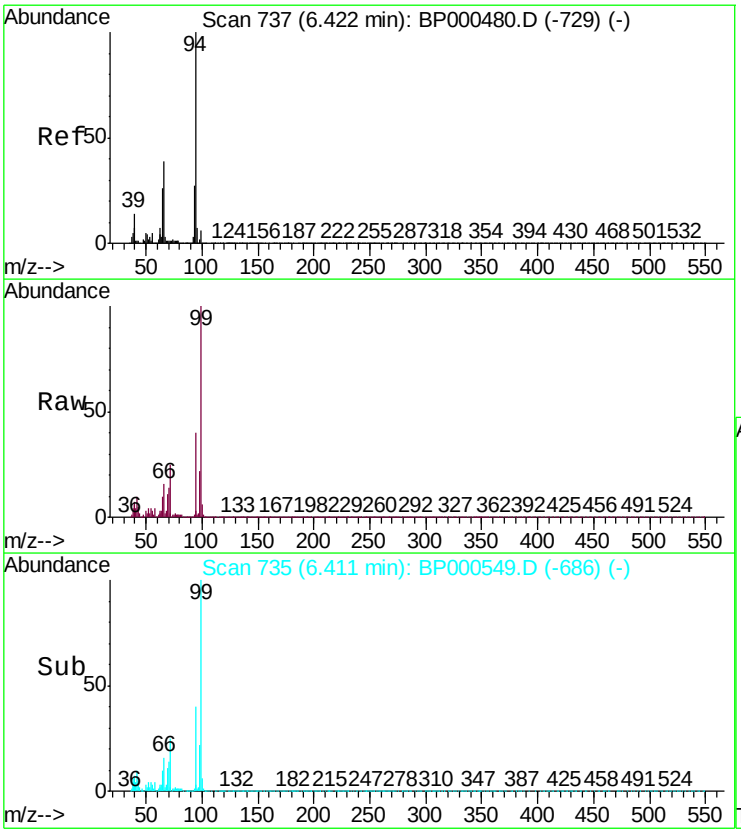
#7
Phenol-d6
Concen: 103.265 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion: 99 Resp: 2124767

Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.6	12.8
71	27.3	23.0	34.4

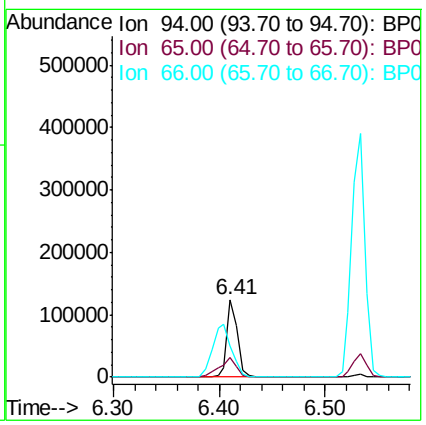


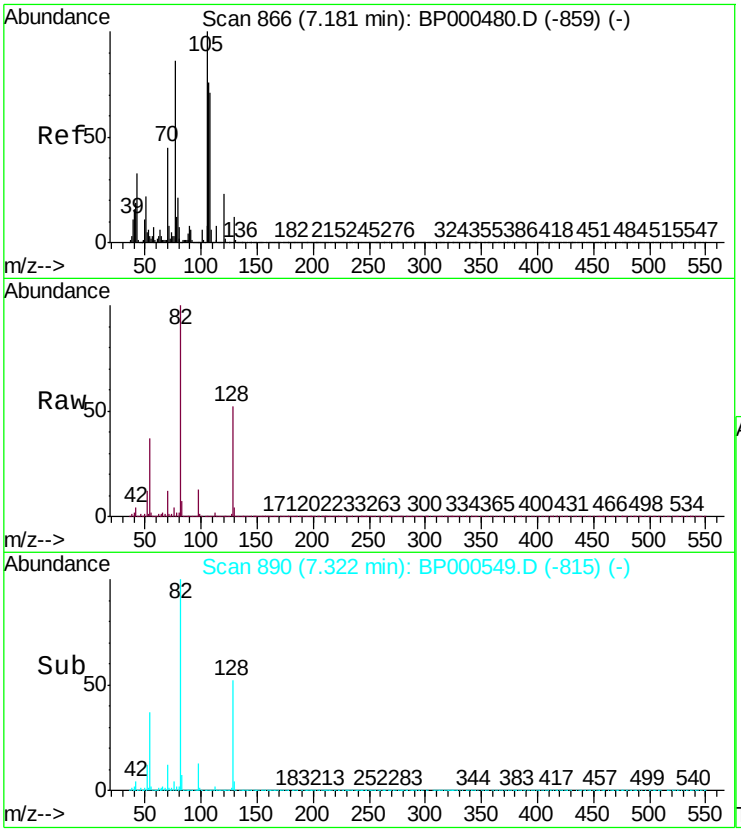


#10
Phenol
Concen: 4.090 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion: 94 Resp: 86156

Ion	Ratio	Lower	Upper
94	100		
65	26.1	5.9	45.9
66	40.3	18.8	58.8



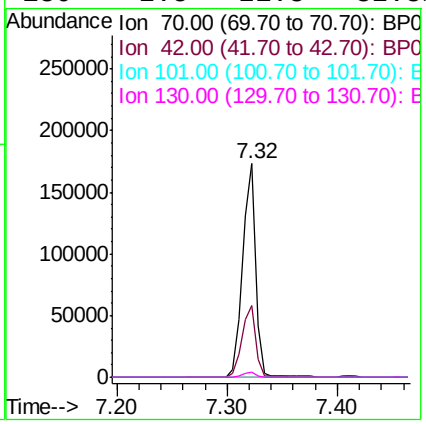


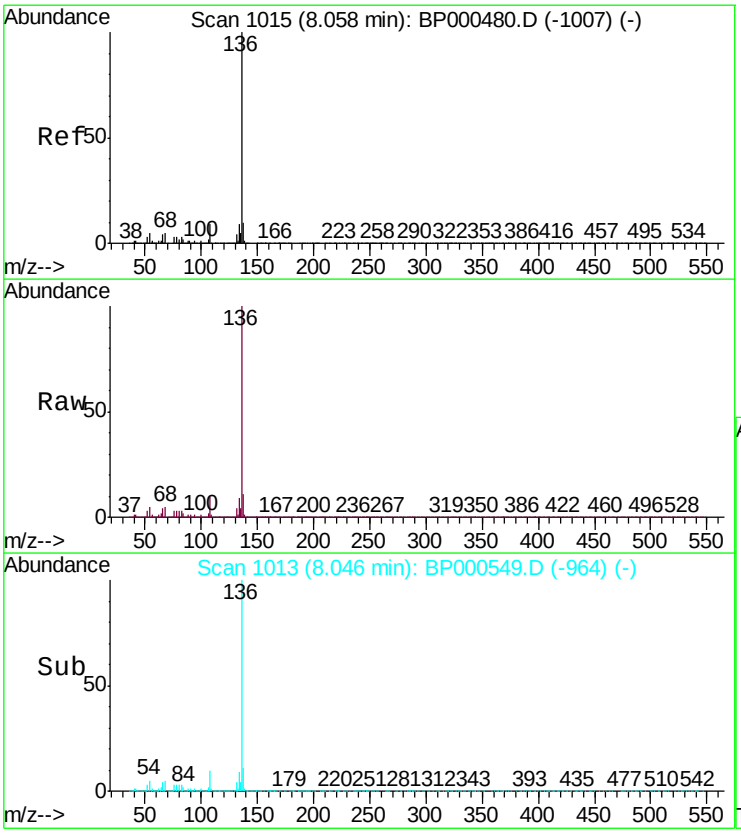
#19
n-Nitroso-di-n-propylamine
Concen: 15.277 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion: 70 Resp: 144894

Ion	Ratio	Lower	Upper
70	100		
42	33.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#

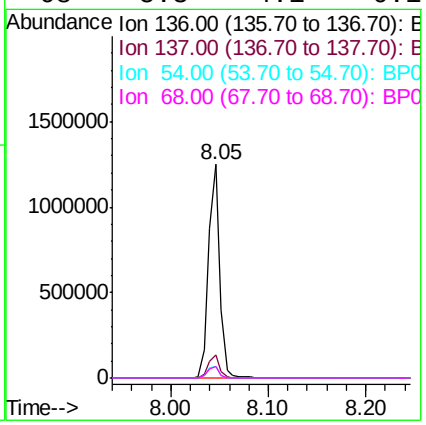


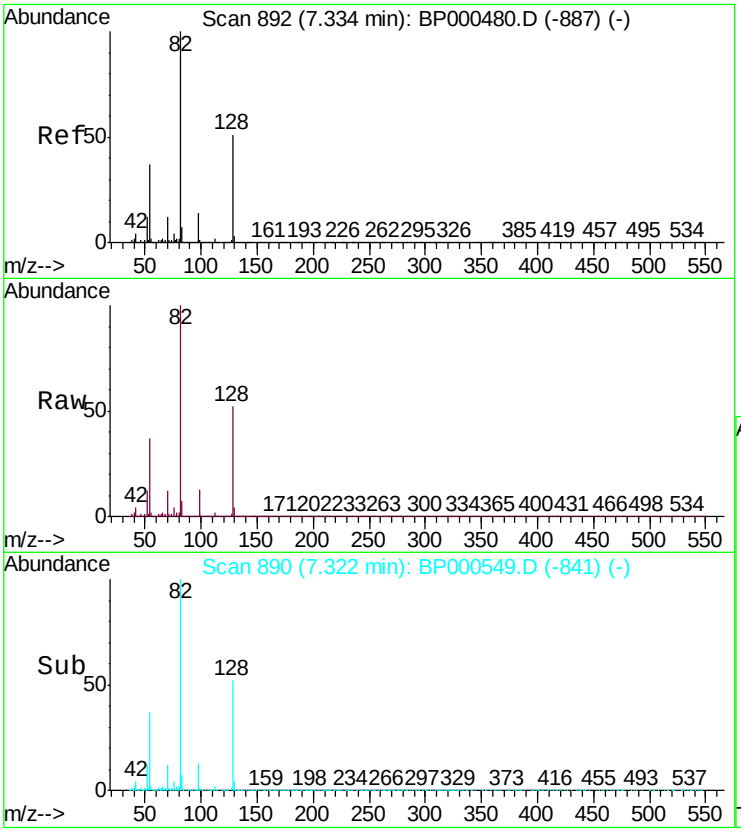


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:136 Resp: 987703

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.3	4.1	6.1
68	5.3	4.1	6.1



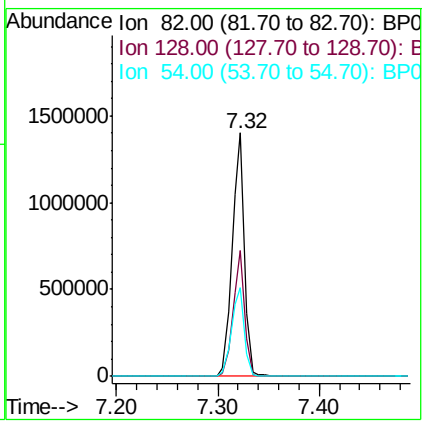


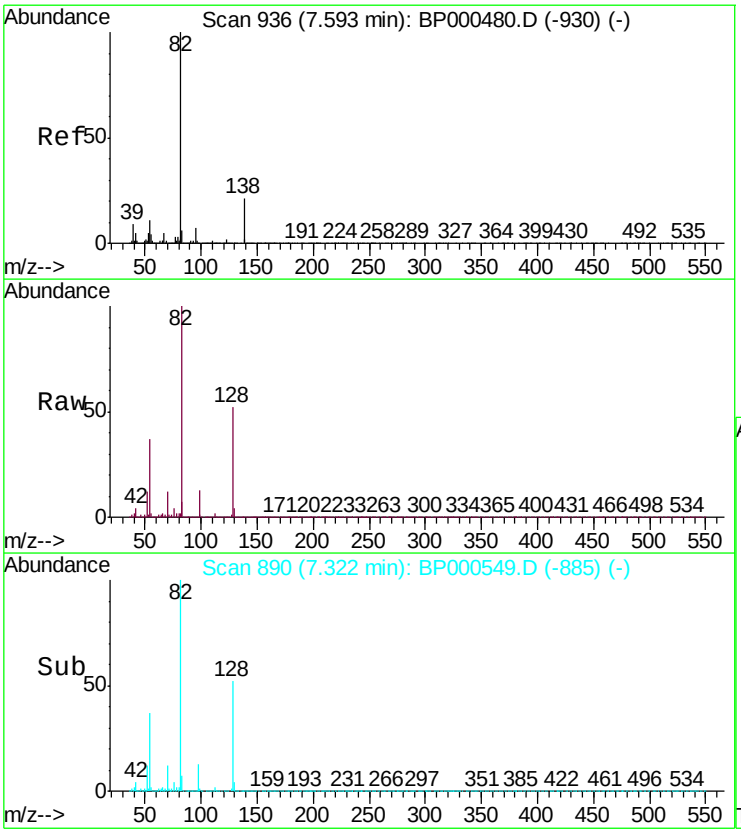
#23
Nitrobenzene-d5
Concen: 71.945 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion: 82 Resp: 1163488

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.9	61.3
54	36.5	29.4	44.2

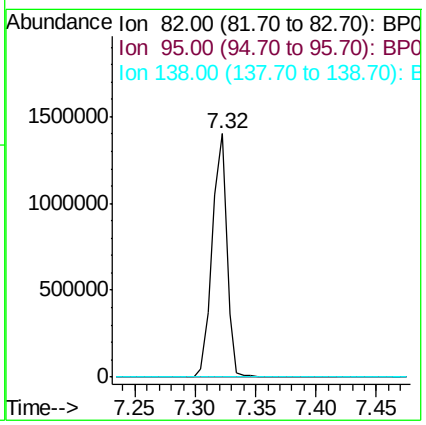


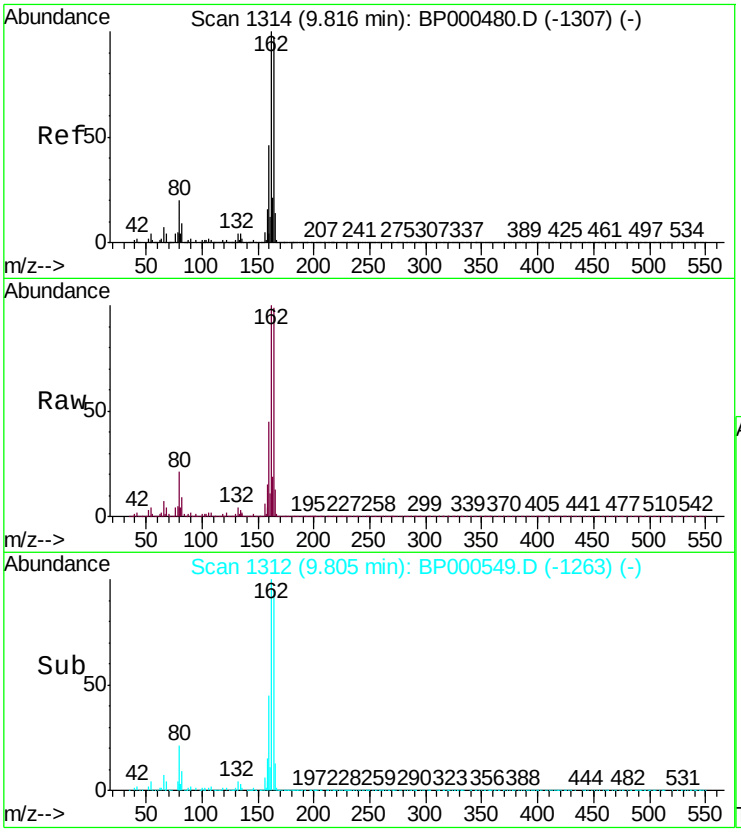


#25
Isophorone
Concen: 40.496 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion: 82 Resp: 1162296

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#



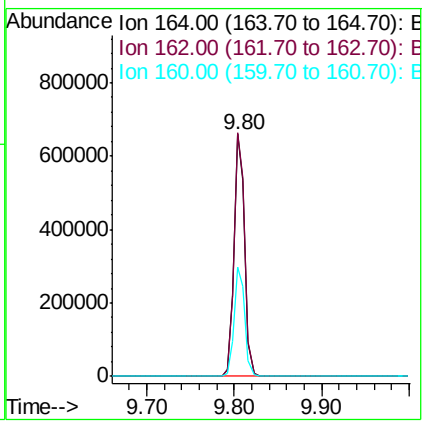


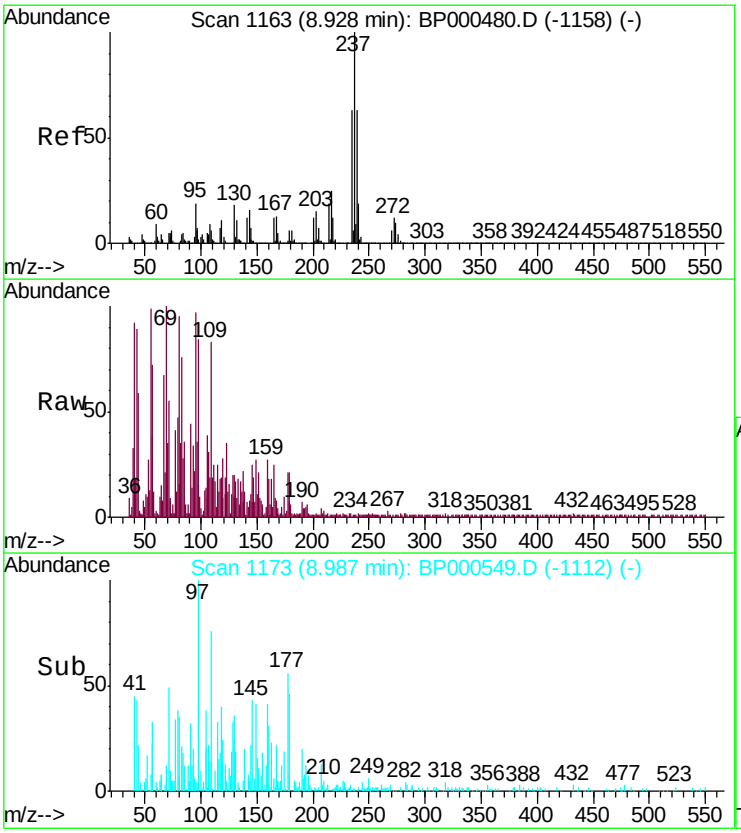
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:164 Resp: 543921

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.0	37.6	56.4

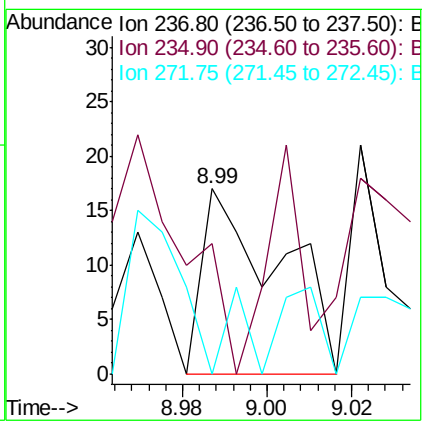


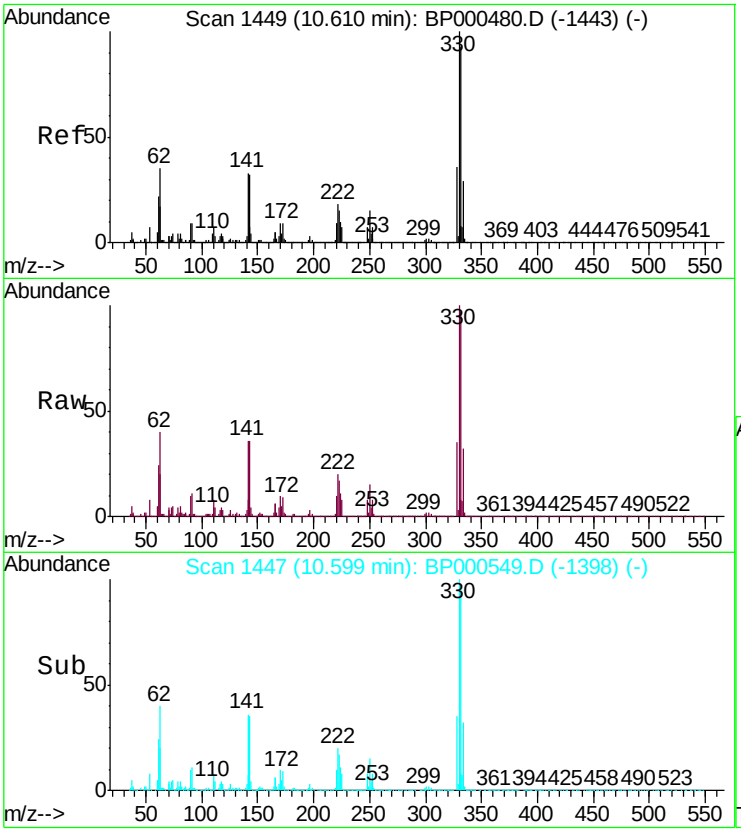


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.06 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:237 Resp: 22

Ion	Ratio	Lower	Upper
237	100		
235	70.6	42.9	82.9
272	0.0	0.0	32.4



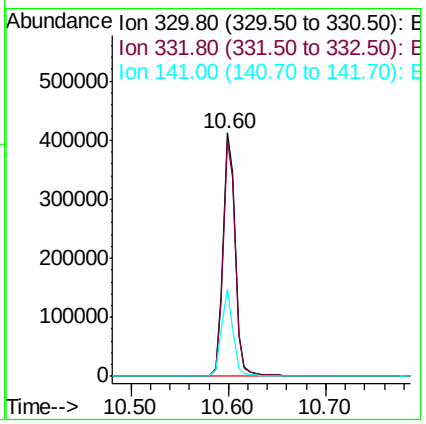


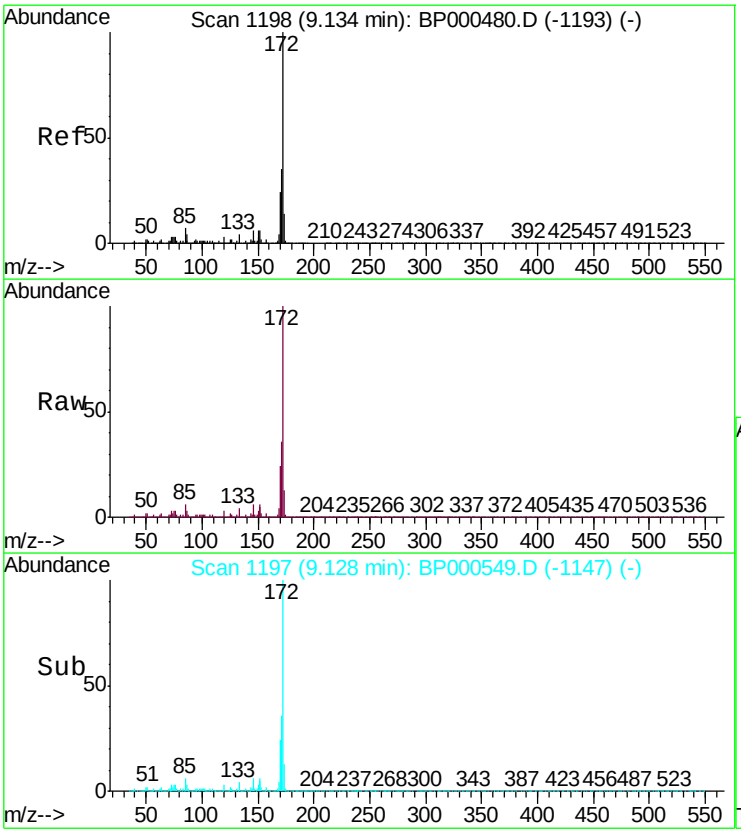
#42
2,4,6-Tribromophenol
Concen: 62.570 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:330 Resp: 362662

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	33.8	26.0	39.0

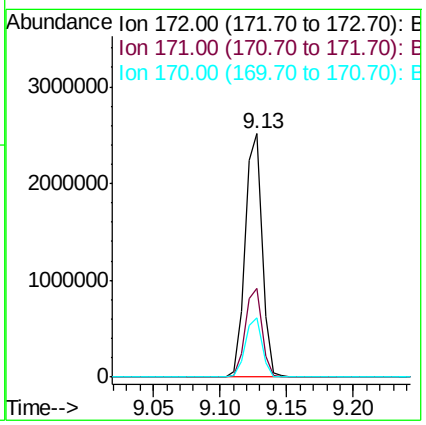


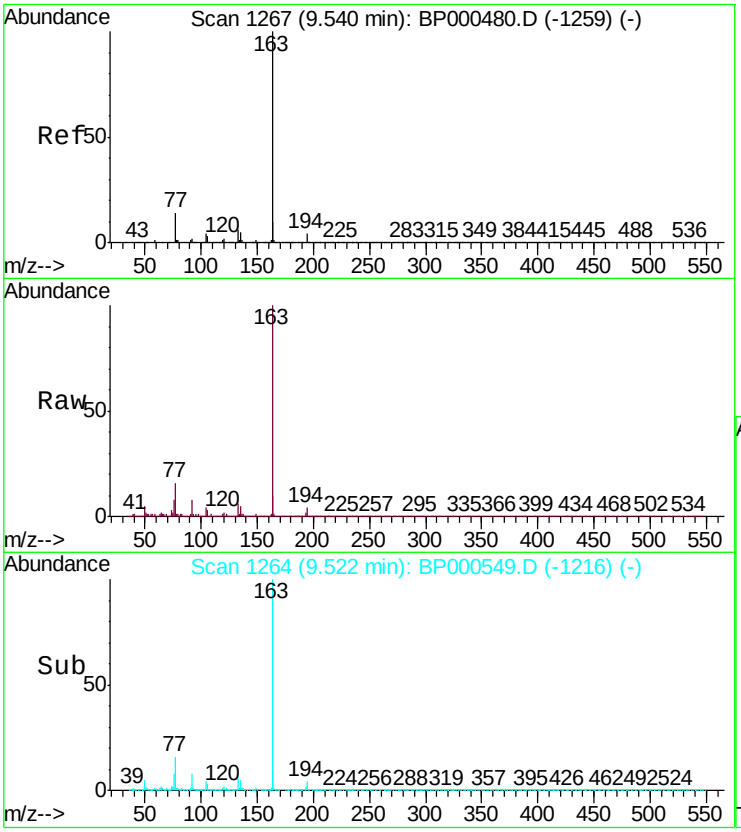


#45
2-Fluorobiphenyl
Concen: 65.284 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:172 Resp: 2194659

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.3	19.1	28.7



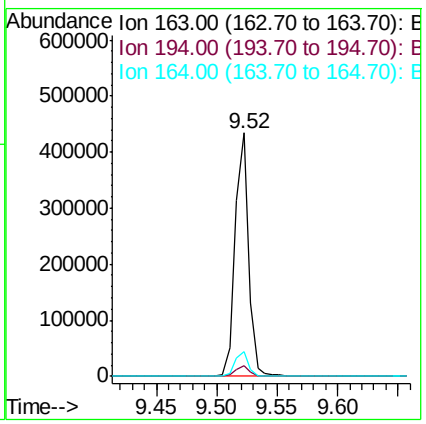


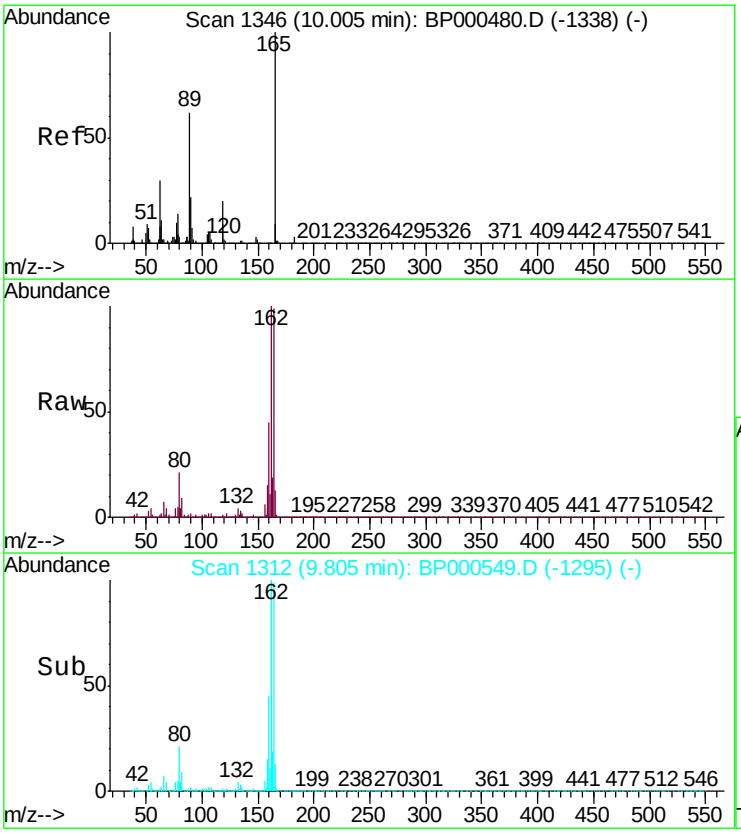
#50
Dimethylphthalate
Concen: 8.977 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:163 Resp: 339291

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0

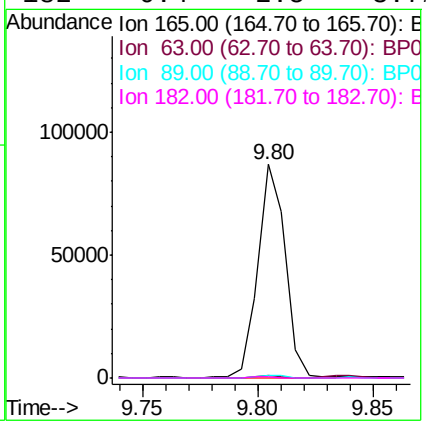


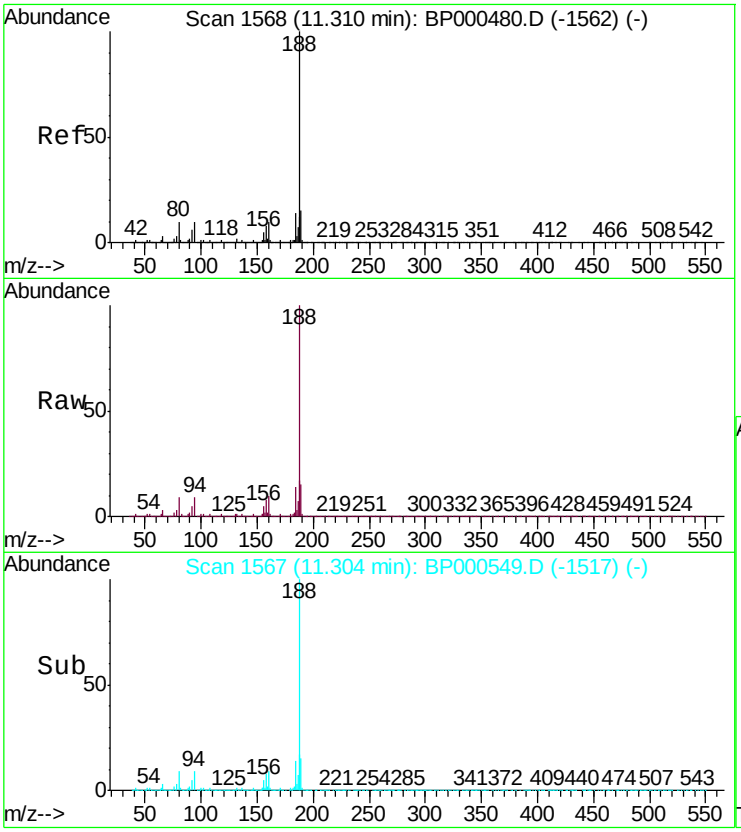


#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:165 Resp: 71484

Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.4	49.4	74.0#
182	0.4	2.5	3.7#



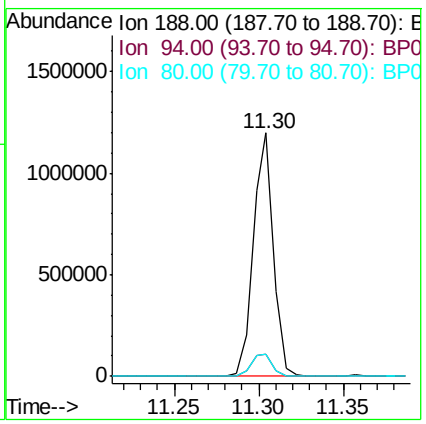


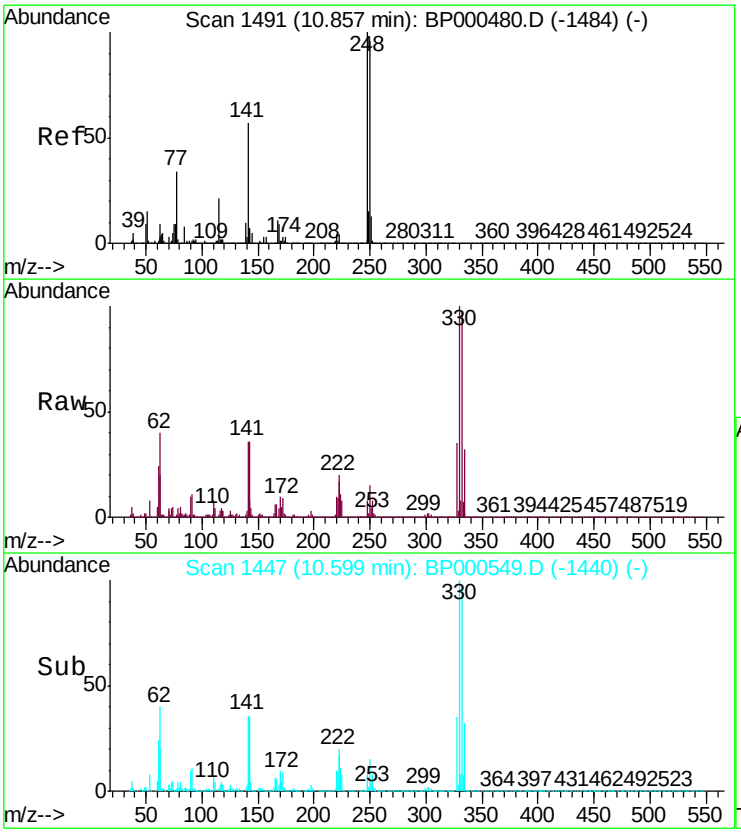
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:188 Resp: 989444

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.3	12.5

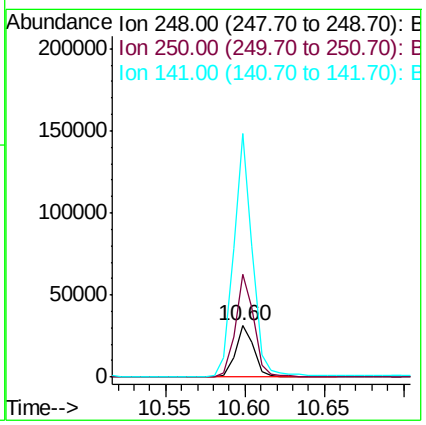


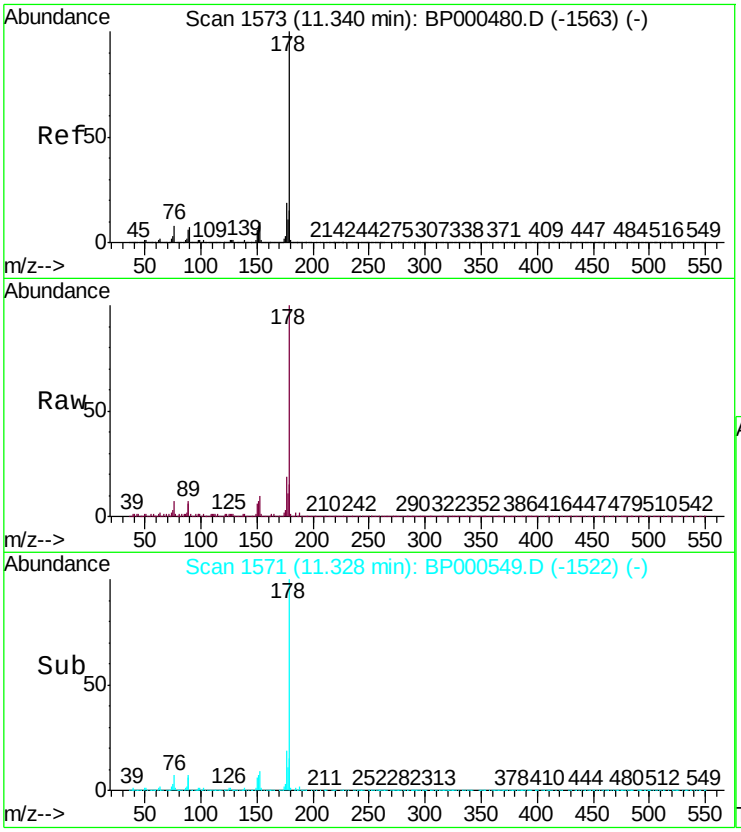


#67
4-Bromophenyl-phenylether
Concen: 2.293 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.26 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:248 Resp: 25544

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.2	115.8#
141	473.5	45.3	67.9#



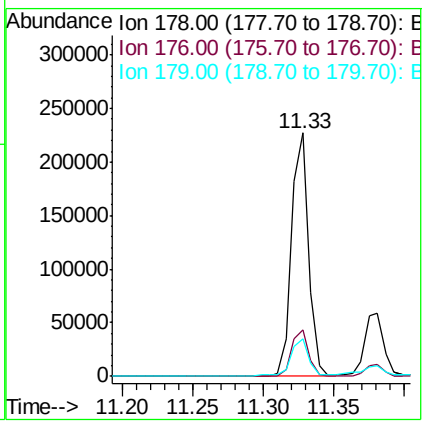


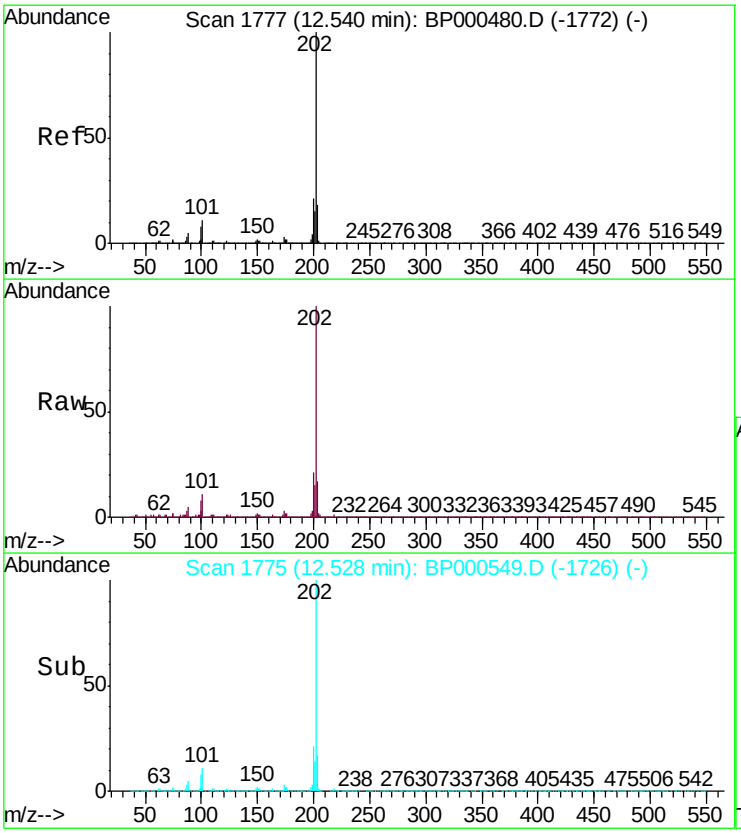
#71
Phenanthrene
Concen: 3.823 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:178 Resp: 189979

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.2	18.4

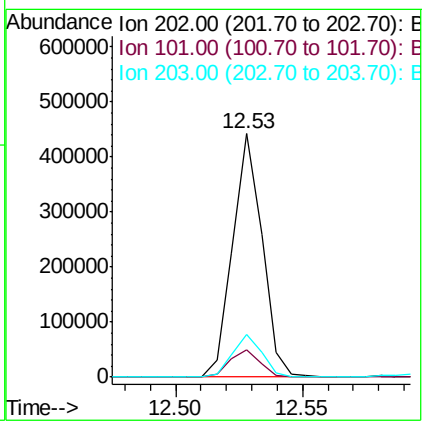


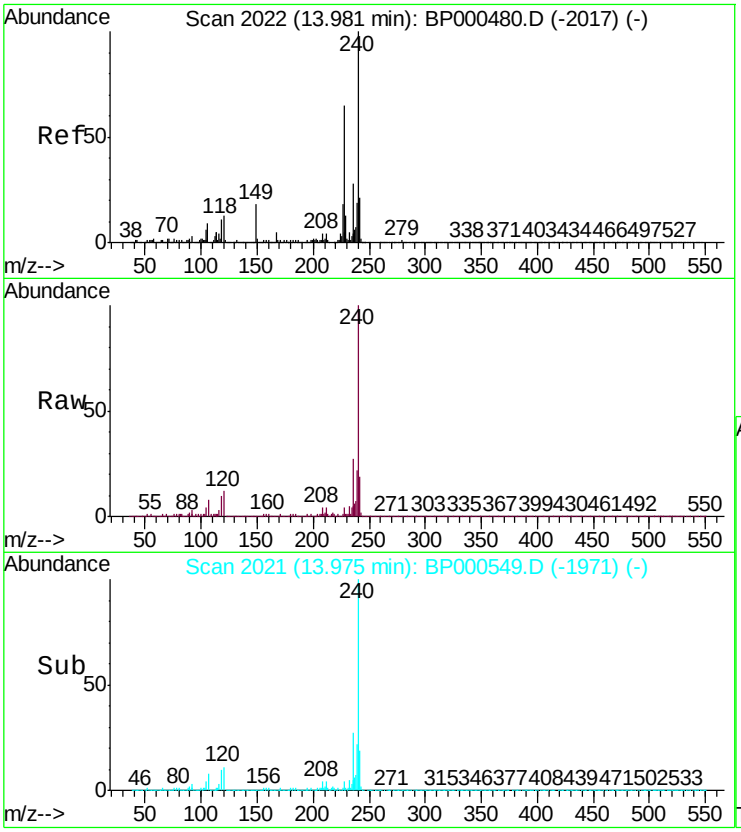


#75
Fluoranthene
Concen: 6.376 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:202 Resp: 355845

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	17.5	0.0	38.1



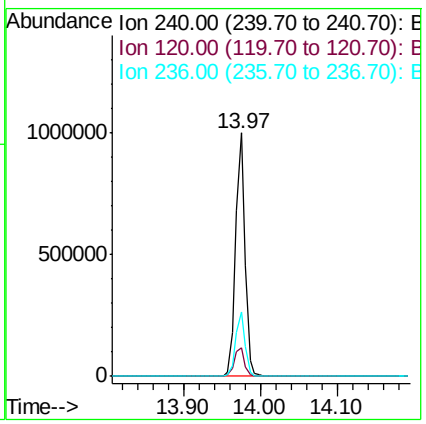


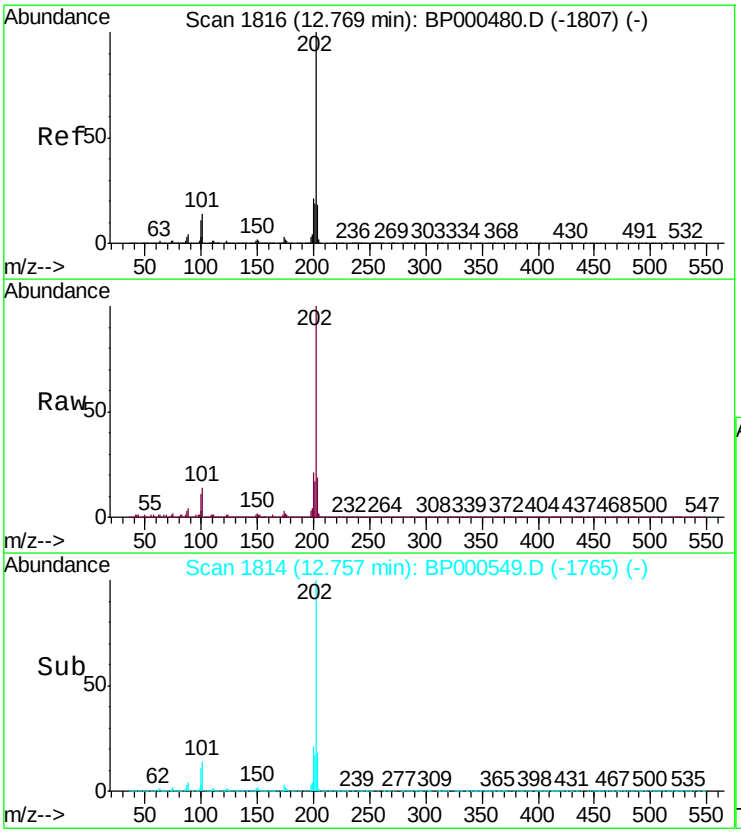
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:240 Resp: 855460

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.7	22.7	34.1

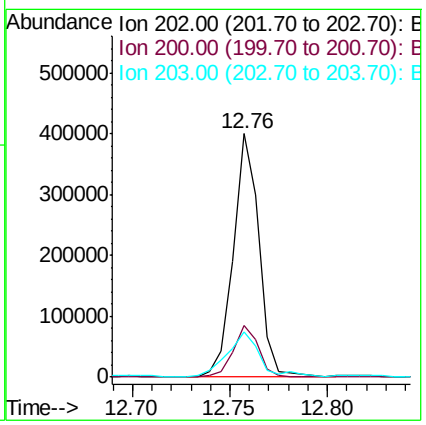


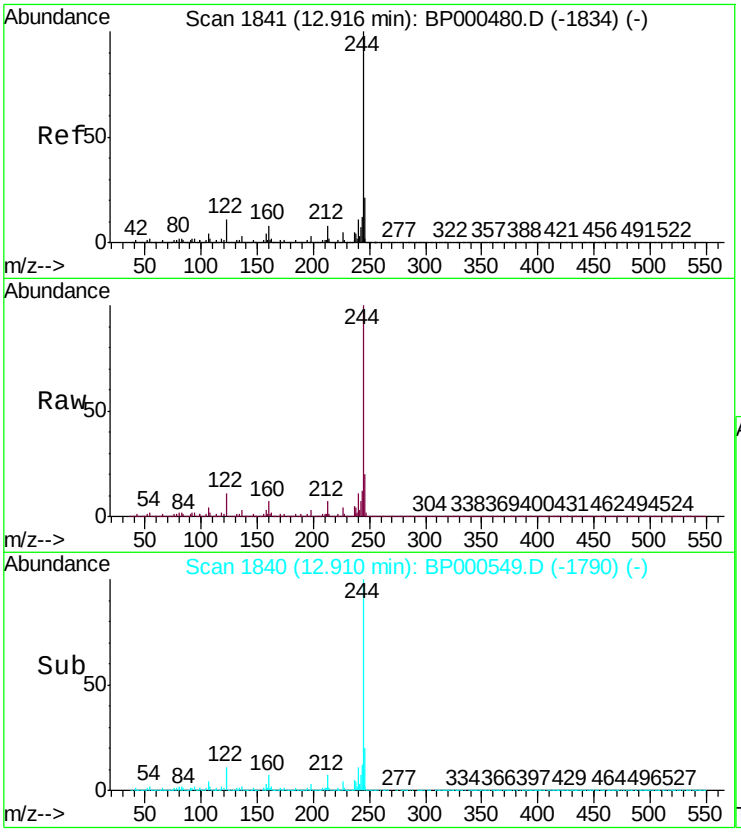


#78
Pyrene
Concen: 6.144 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:202 Resp: 362481

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.8	14.6	21.8



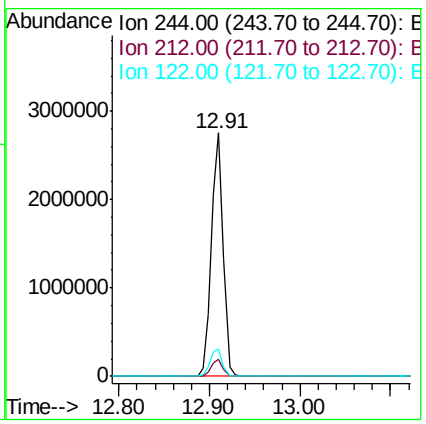


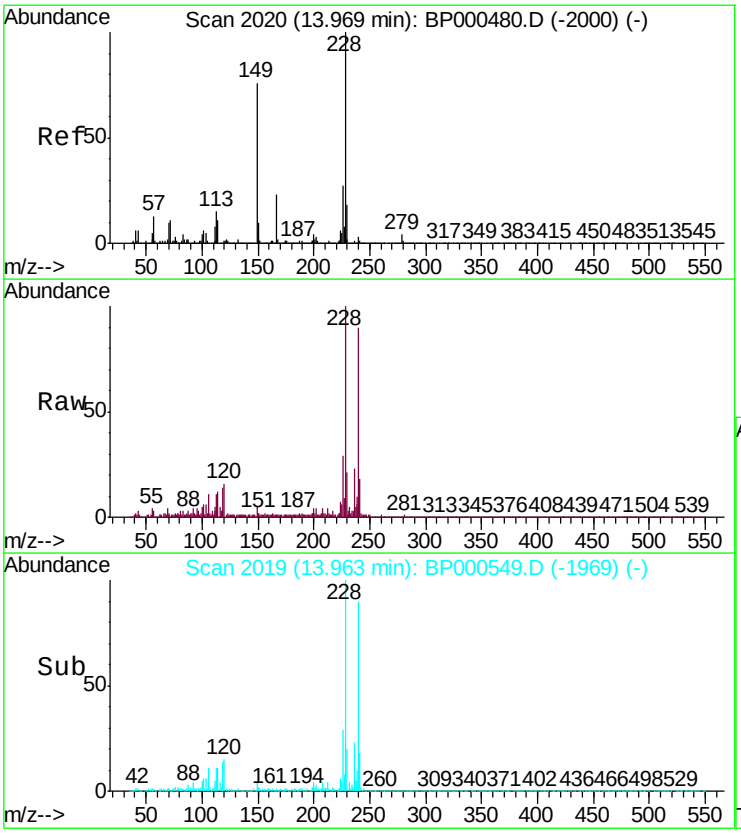
#79
Terphenyl-d14
Concen: 59.404 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:244 Resp: 2509842

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.4	8.9	13.3

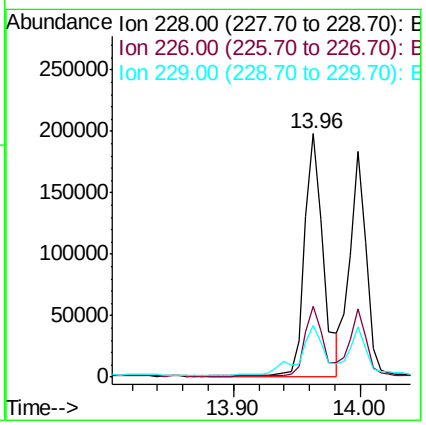


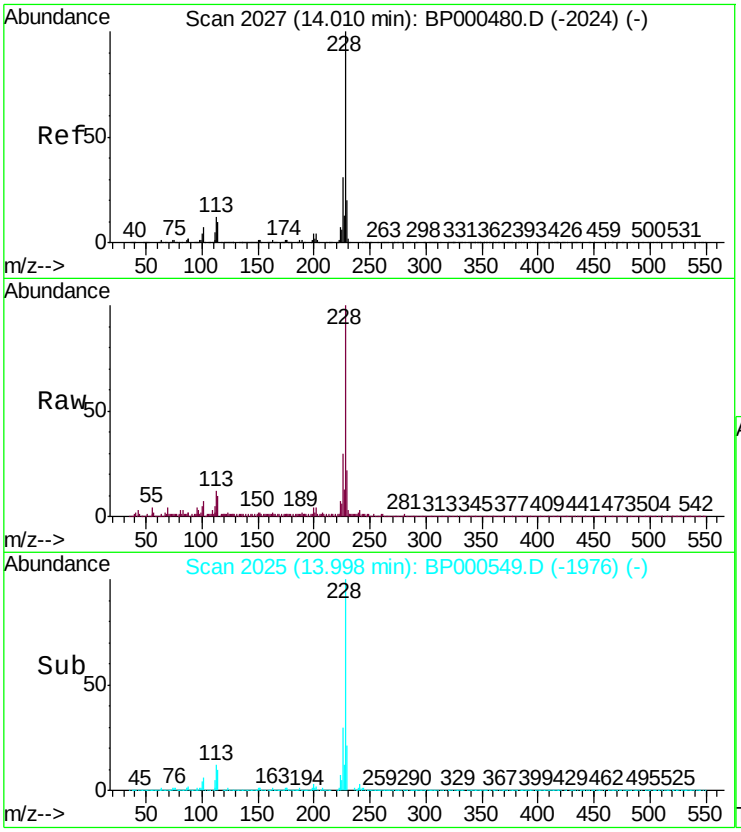


#81
Benzo(a)anthracene
Concen: 3.839 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:228 Resp: 200357

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.4	32.2
229	21.3	14.7	22.1



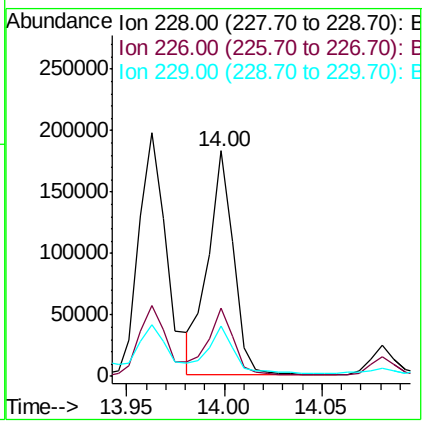


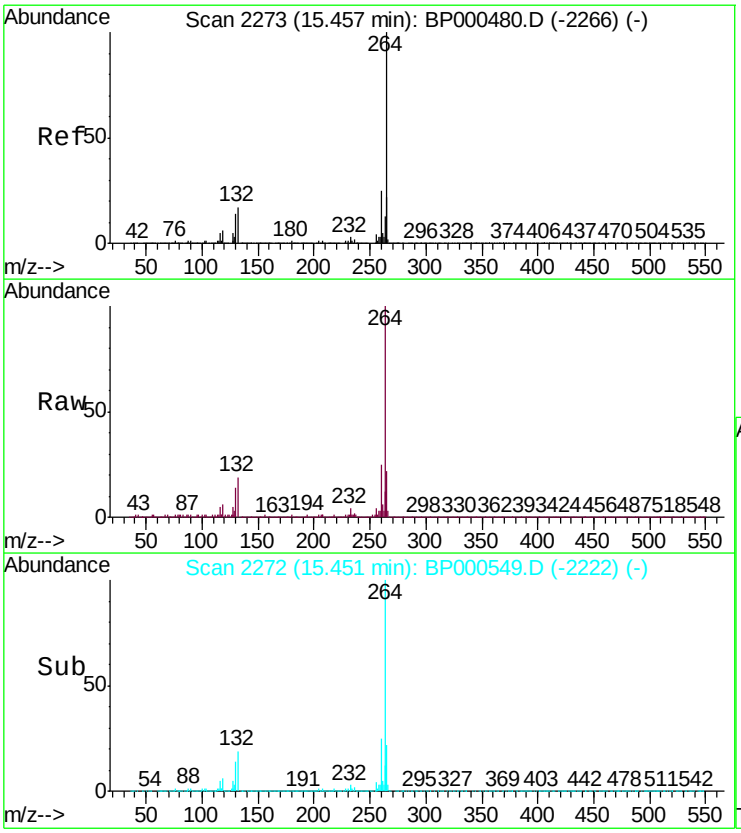
#83
Chrysene
Concen: 3.268 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:228 Resp: 167426

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.4	16.3	24.5

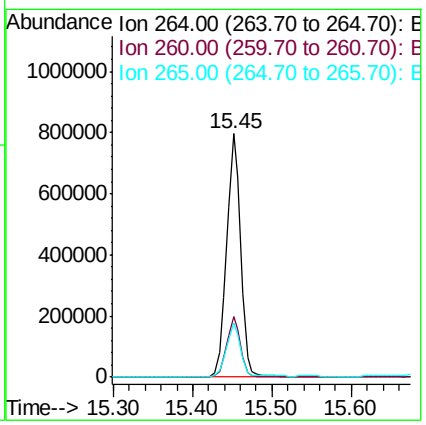


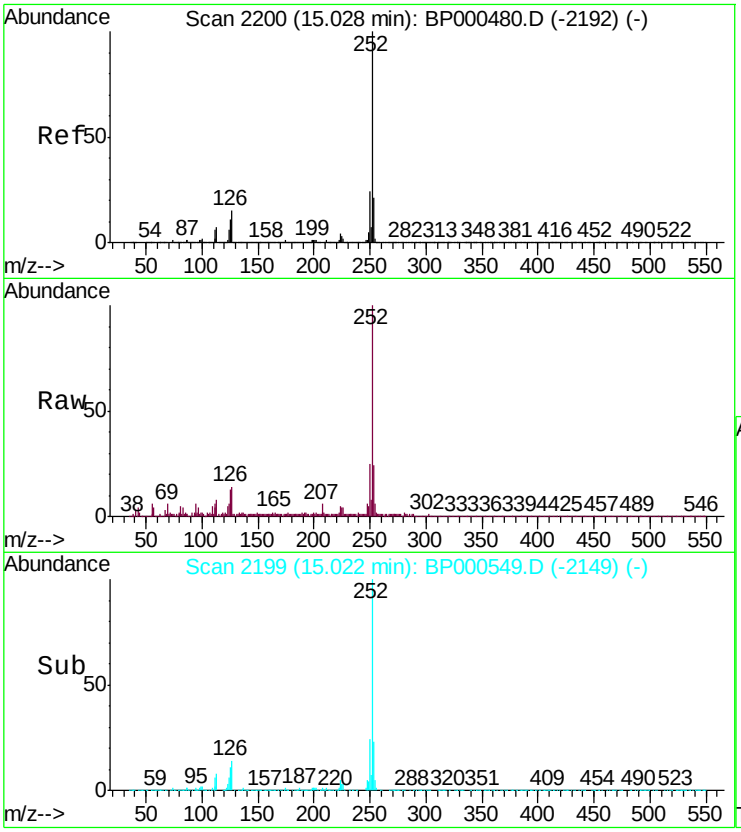


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:264 Resp: 974341

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	22.1	18.0	27.0



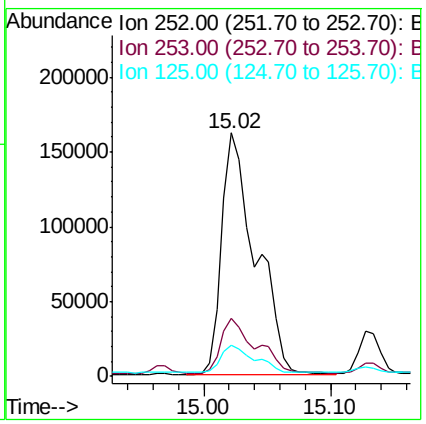


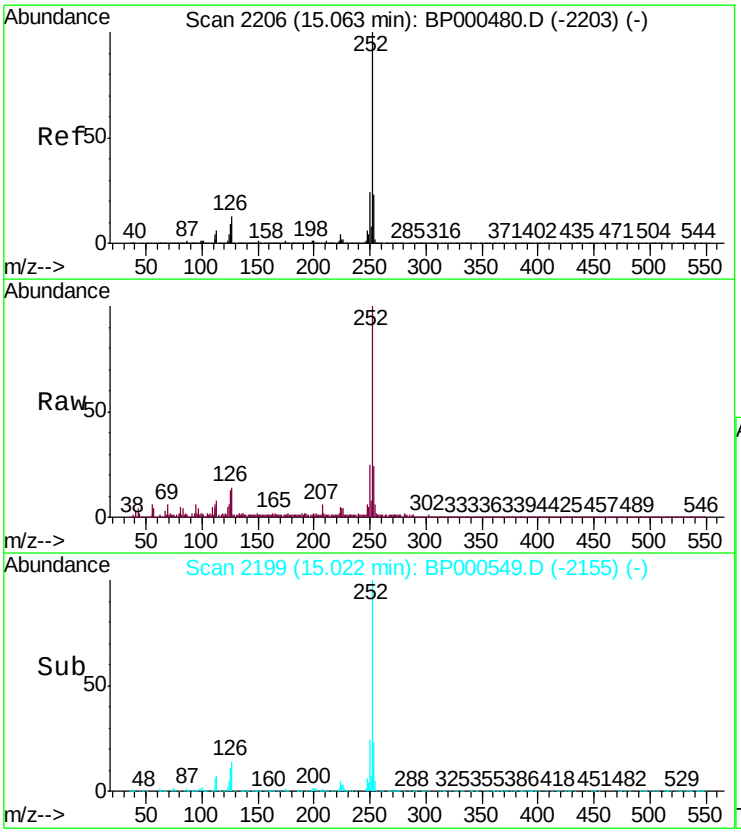
#88
Benzo(b)fluoranthene
Concen: 5.501 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:252 Resp: 304079

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	12.8	8.9	13.3

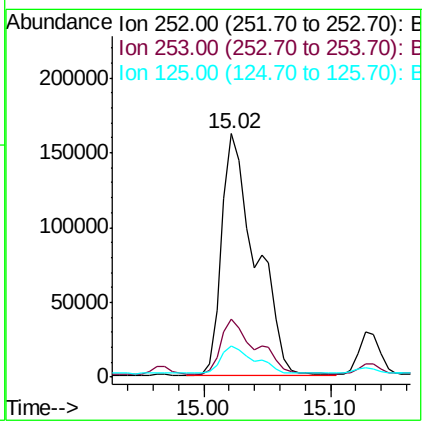


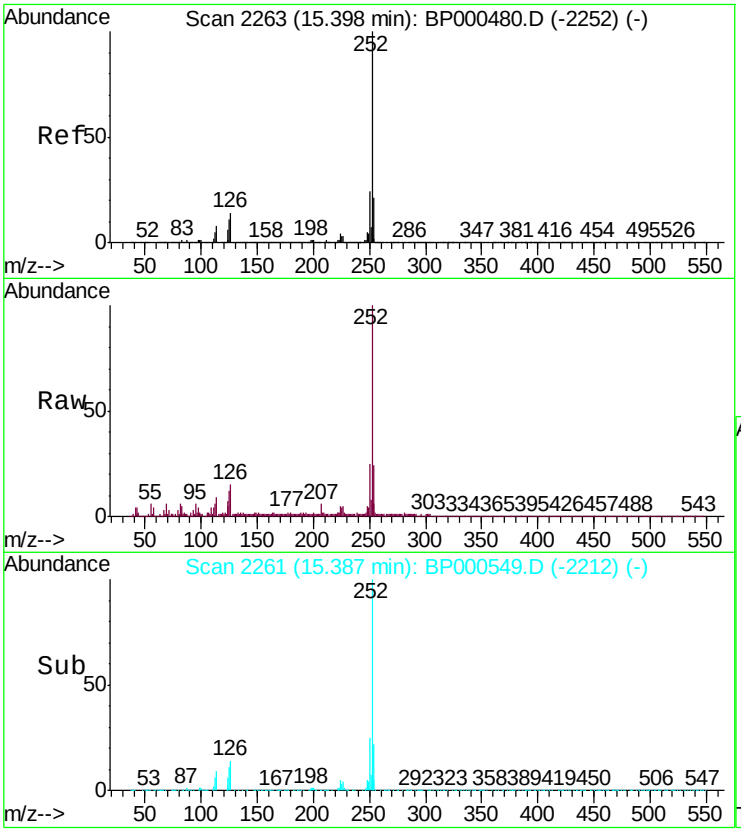


#89
Benzo(k)fluoranthene
Concen: 5.778 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:252 Resp: 304079

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	12.8	7.8	11.8#



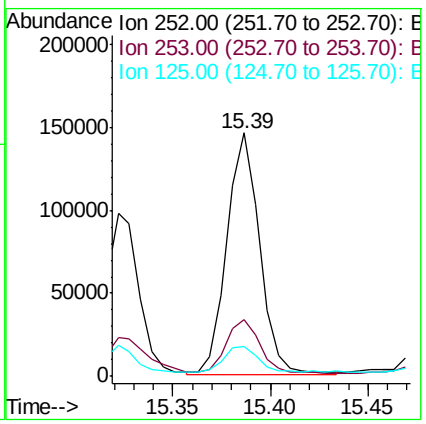


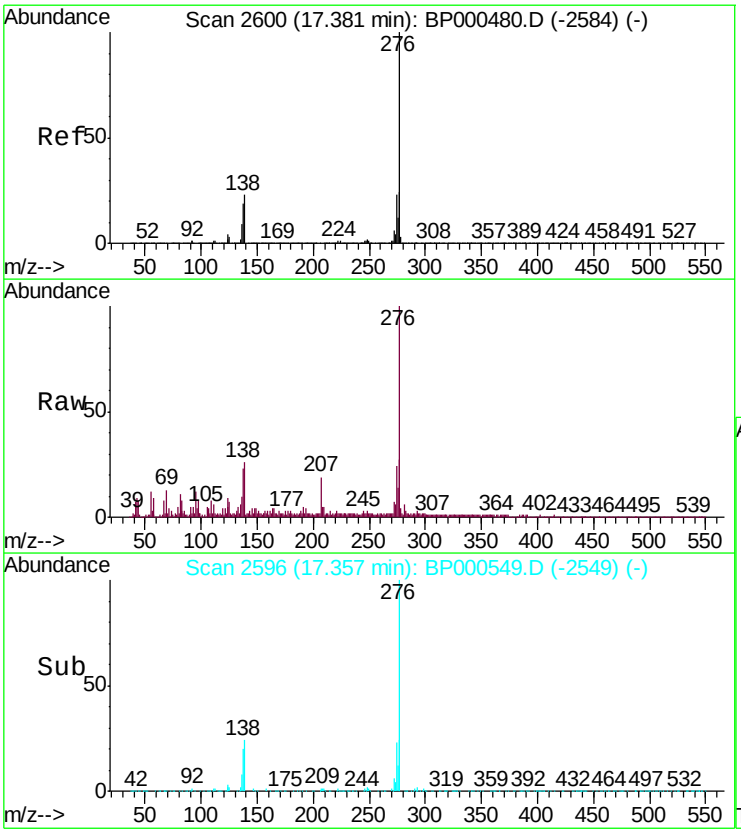
#90
Benzo(a)pyrene
Concen: 3.297 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tgt Ion:252 Resp: 169904

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	12.3	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 2.171 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion:276 Resp: 110260

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.4	29.2
138	26.0	18.5	27.7