Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000512.D
Acq On : 04 Oct 2019 17:12
Operator : JU
Sample : K5160-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 04 23:39:28 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	251018	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	918450	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	517266	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	972011	20.00	ng	0.00
76) Chrysene-d12	13.98	240	848299	20.00	ng	0.00
87) Perylene-d12	15.46	264	916726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1413721	90.53	ng	0.00
7) Phenol-d6	6.40	99	1796783	95.48	ng	0.00
23) Nitrobenzene-d5	7.32	82	1006004	66.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	568630	103.16	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2113802	66.12	ng	0.00
79) Terphenyl-d14	12.92	244	2641839	63.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	124305	14.331	ng	# 74
25) Isophorone	7.32	82	1005539	37.676	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	16	7.299	ng	88
50) Dimethylphthalate	9.52	163	516746	14.377	ng	99
57) 2,4-Dinitrotoluene	9.81	165	68647	6.606	ng	# 32
67) 4-Bromophenyl-phenylether	10.60	248	39204	3.583	ng	# 1
75) Fluoranthene	12.53	202	242486	4.423	ng	98
78) Pyrene	12.76	202	241047	4.120	ng	100
81) Benzo(a)anthracene	14.00	228	161941	3.129	ng	94
83) Chrysene	14.00	228	161941	3.188	ng	98
86) Indeno(1,2,3-cd)pyrene	16.92	276	129535	2.041	ng	95
88) Benzo(b)fluoranthene	15.03	252	338570	6.510	ng	98
89) Benzo(k)fluoranthene	15.03	252	338570	6.838	ng	98
90) Benzo(a)pyrene	15.39	252	179289	3.698	ng	96
92) Benzo(g,h,i)perylene	17.36	276	130698	2.735	ng	100

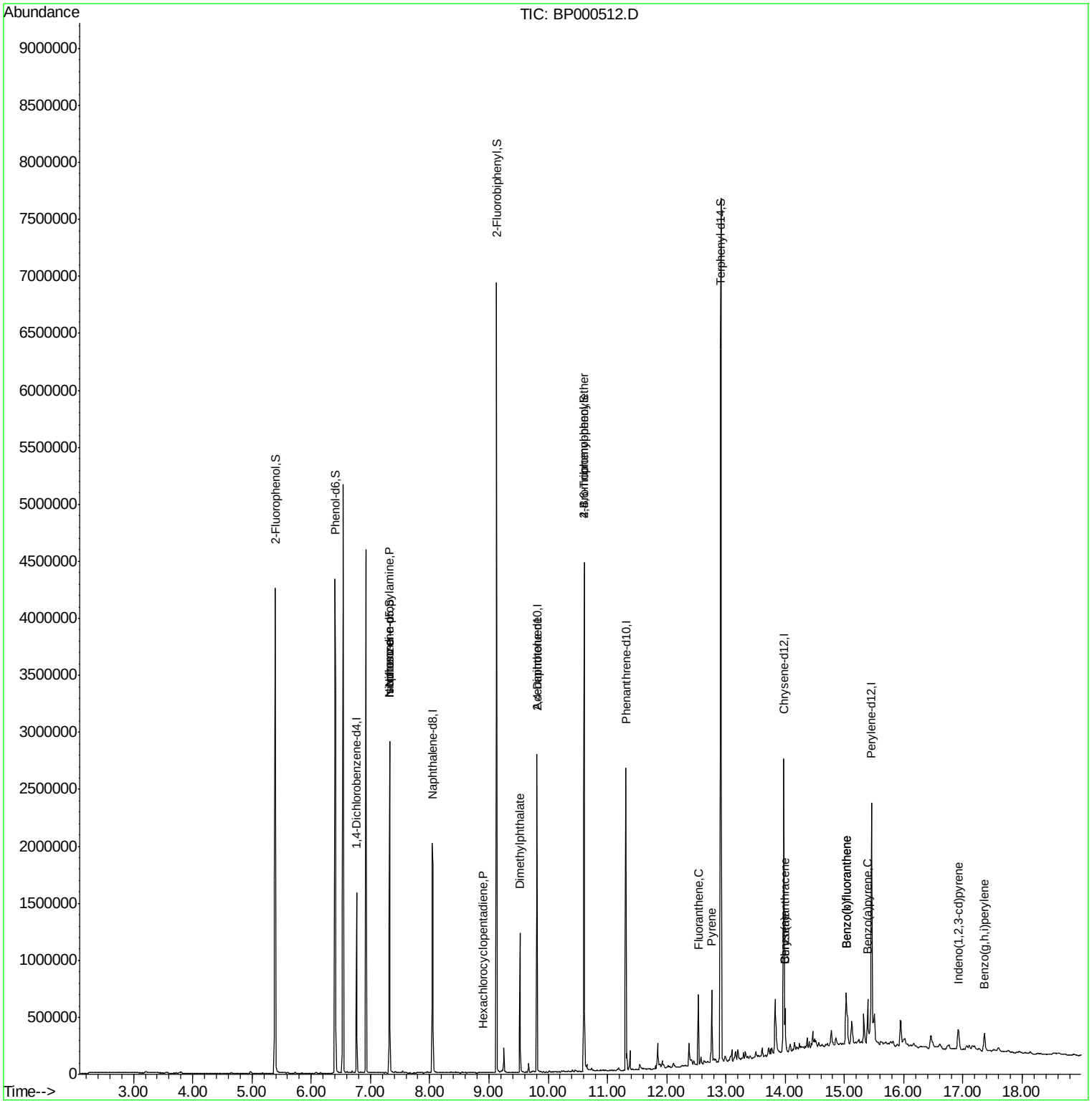
(#) = qualifier out of range (m) = manual integration (+) = signals summed

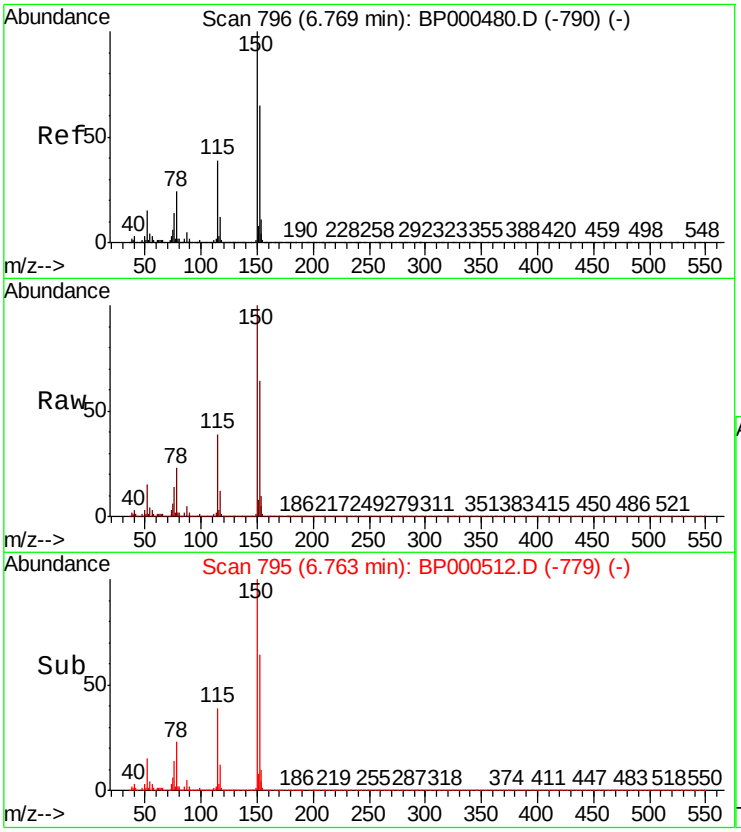
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000512.D
Acq On : 04 Oct 2019 17:12
Operator : JU
Sample : K5160-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 04 23:39:28 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



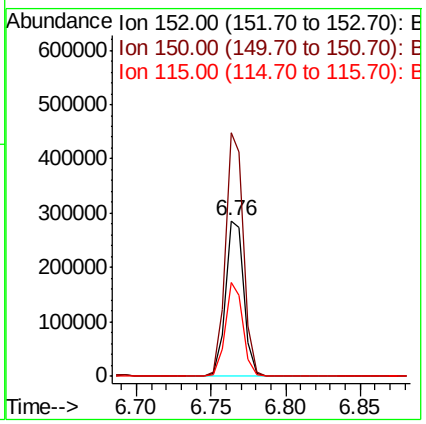


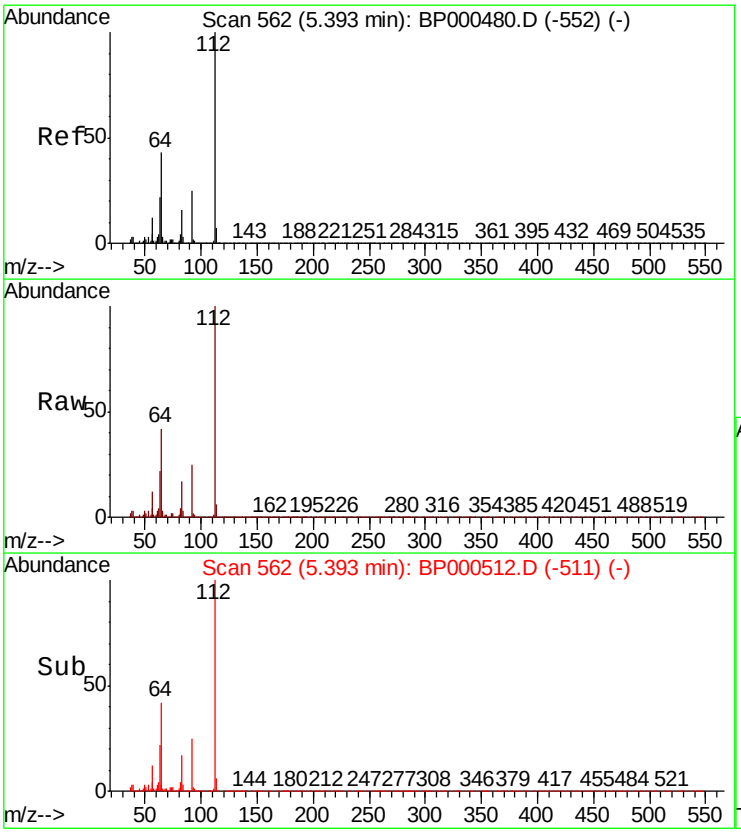
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 251018

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.1	186.1
115	60.6	48.7	73.1

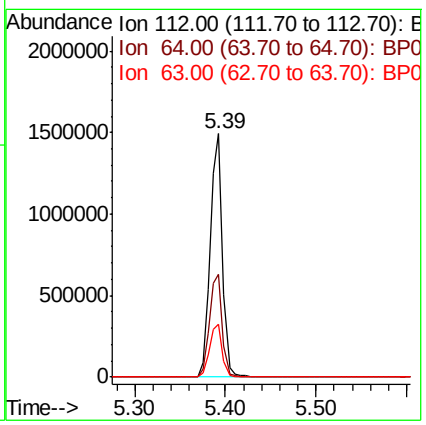


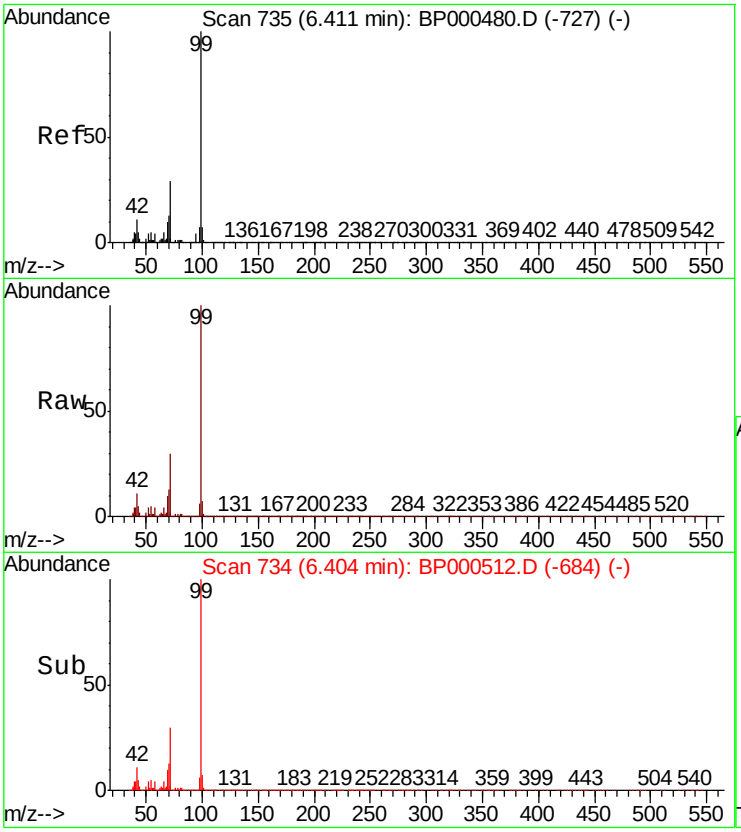


#5
2-Fluorophenol
Concen: 90.530 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:112 Resp: 1413721

Ion	Ratio	Lower	Upper
112	100		
64	42.3	34.2	51.4
63	21.7	17.9	26.9



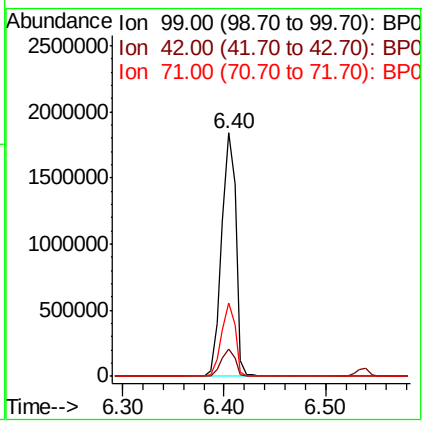


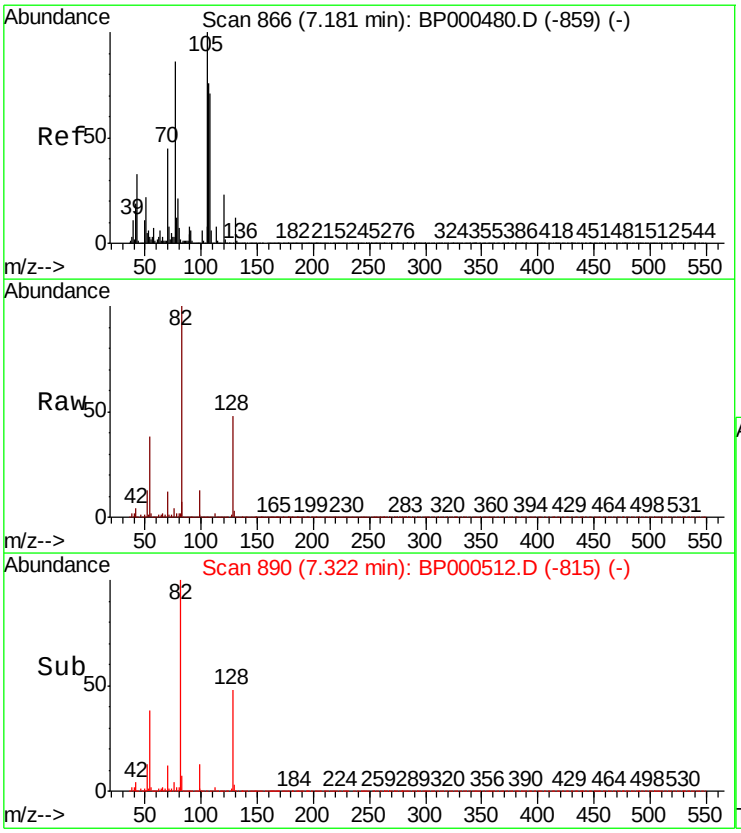
#7
Phenol-d6
Concen: 95.482 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1796783

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	30.0	23.0	34.4

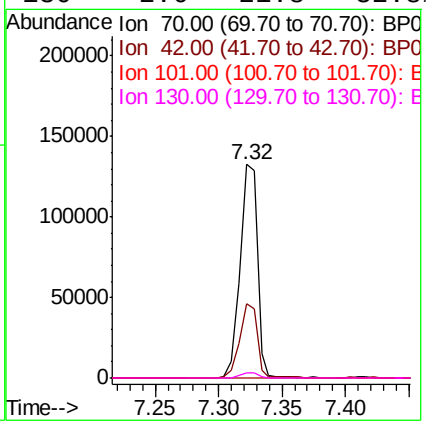


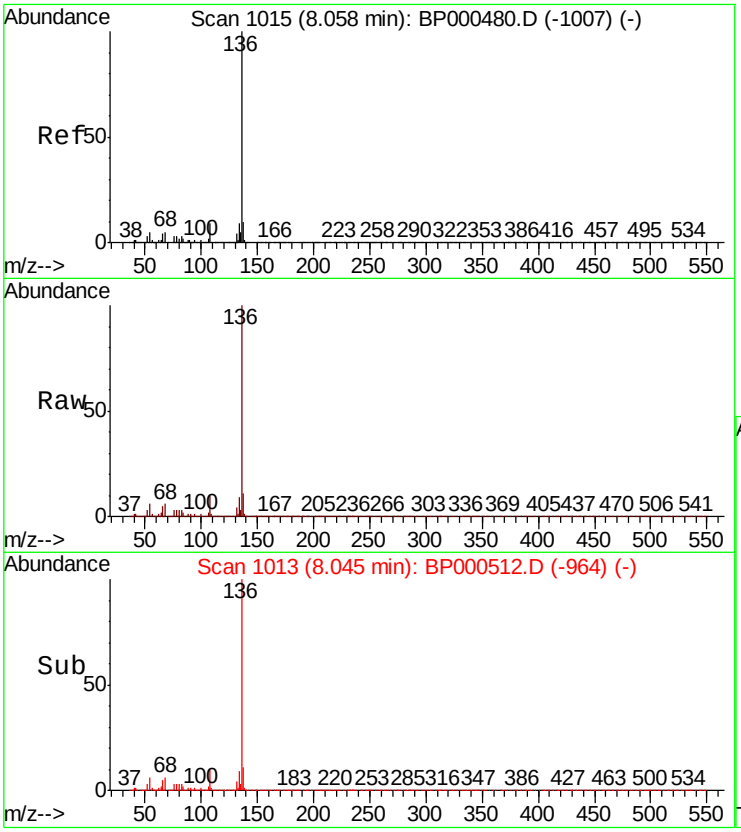


#19
n-Nitroso-di-n-propylamine
Concen: 14.331 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion: 70 Resp: 124305

Ion	Ratio	Lower	Upper
70	100		
42	34.9	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



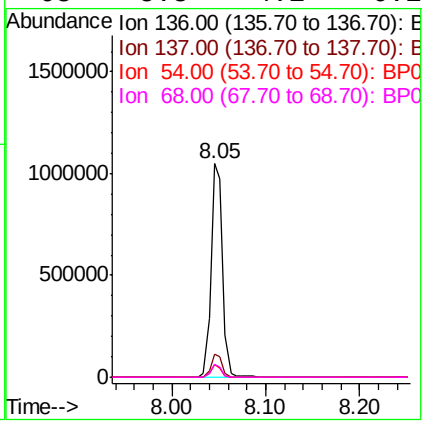


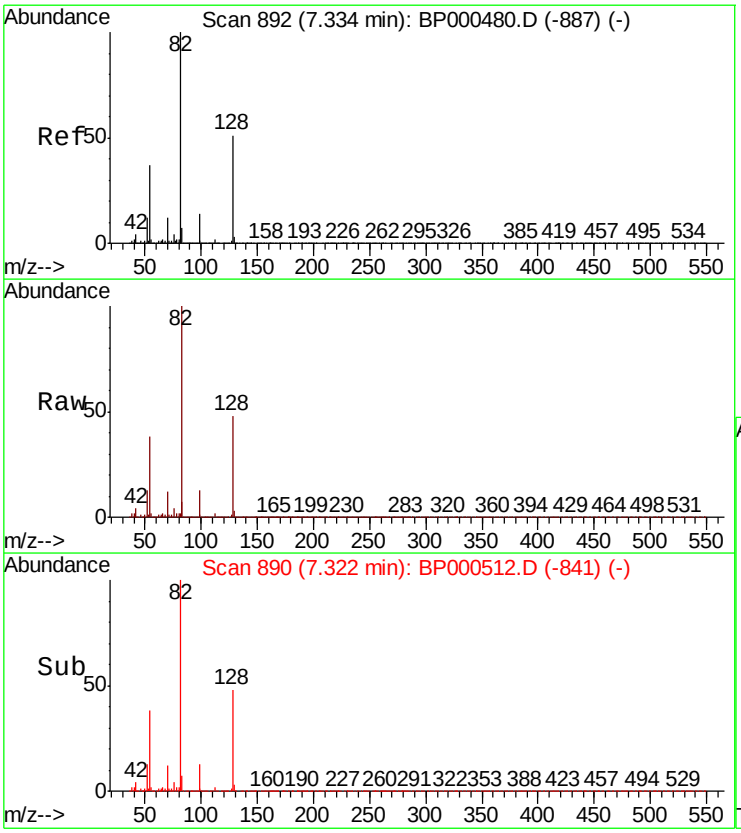
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 918450

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.9	4.1	6.1
68	5.8	4.1	6.1

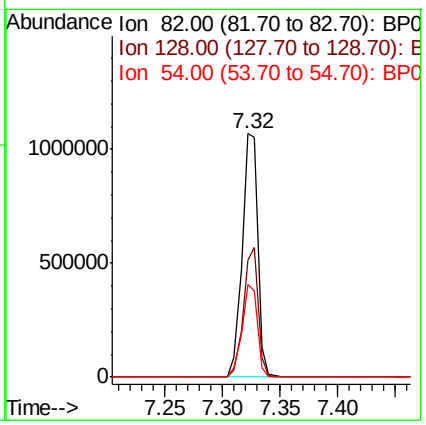


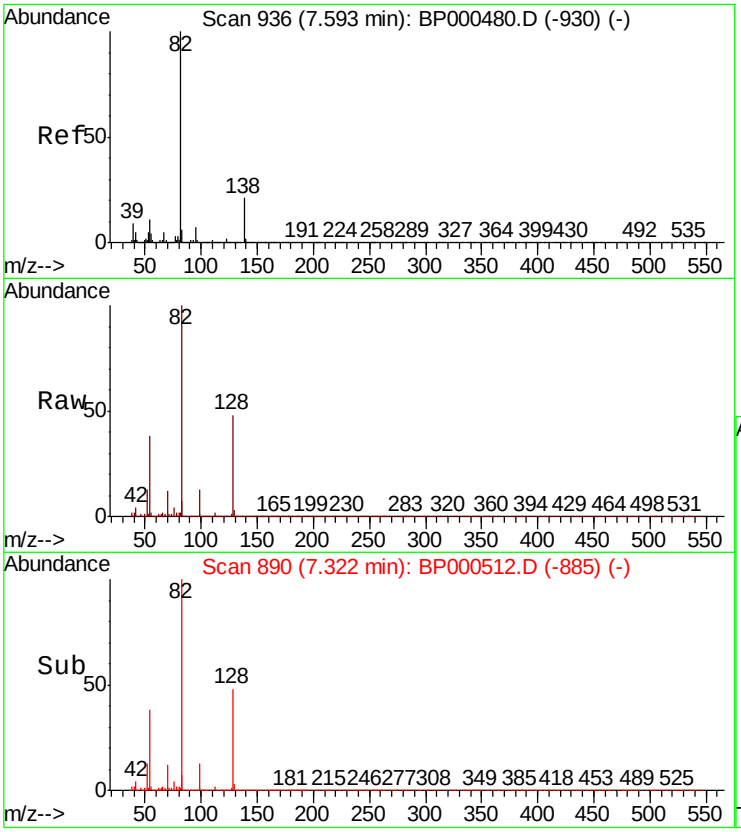


#23
Nitrobenzene-d5
Concen: 66.898 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion: 82 Resp: 1006004

Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.9	61.3
54	38.1	29.4	44.2



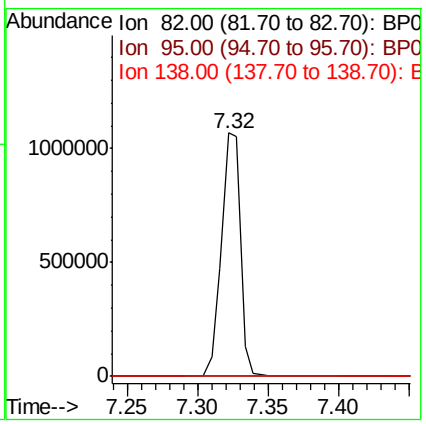


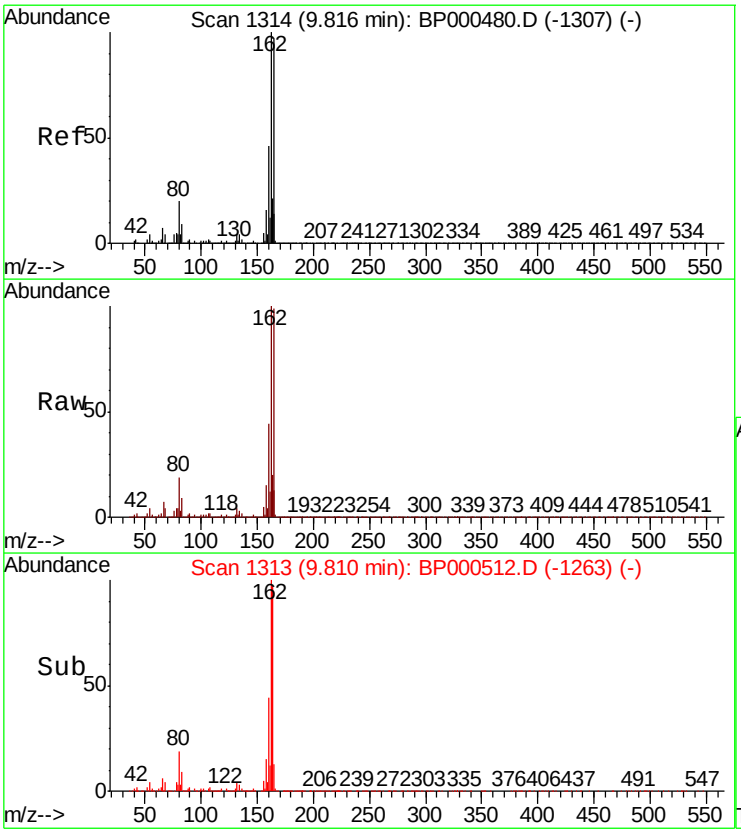
#25
Isophorone
Concen: 37.676 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1005539

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

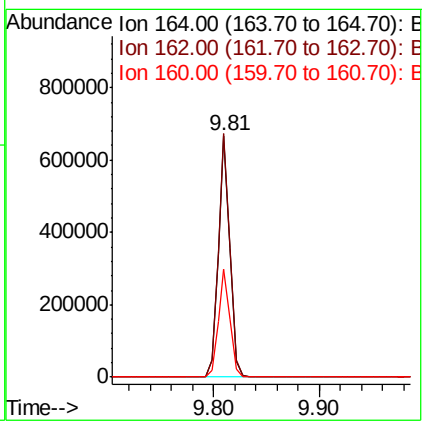


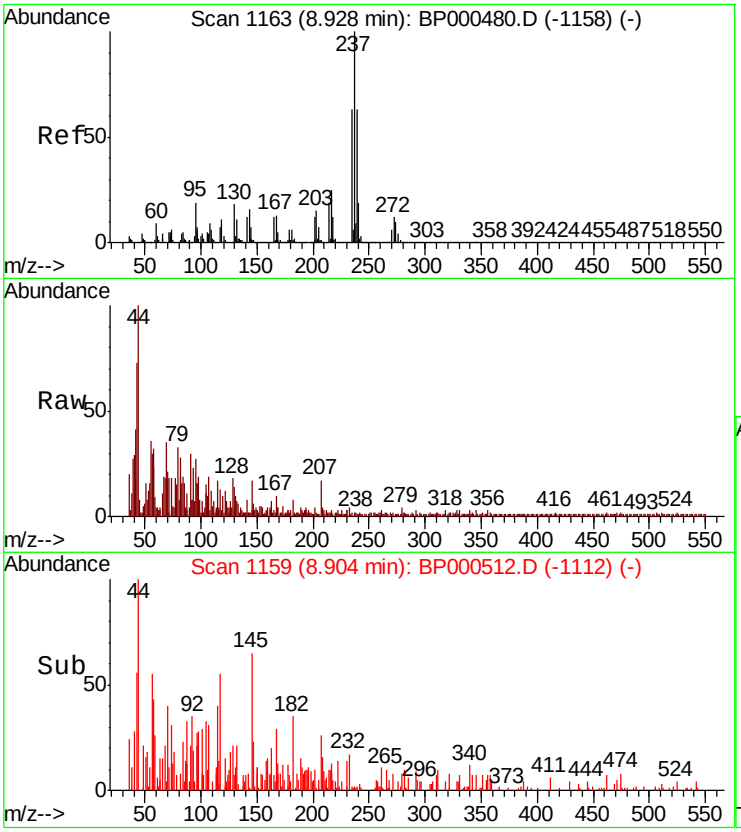


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:164 Resp: 517266

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.7	37.6	56.4



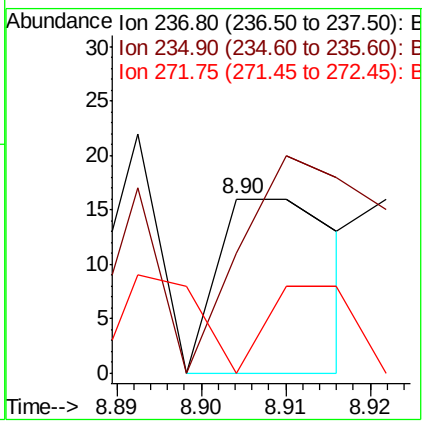


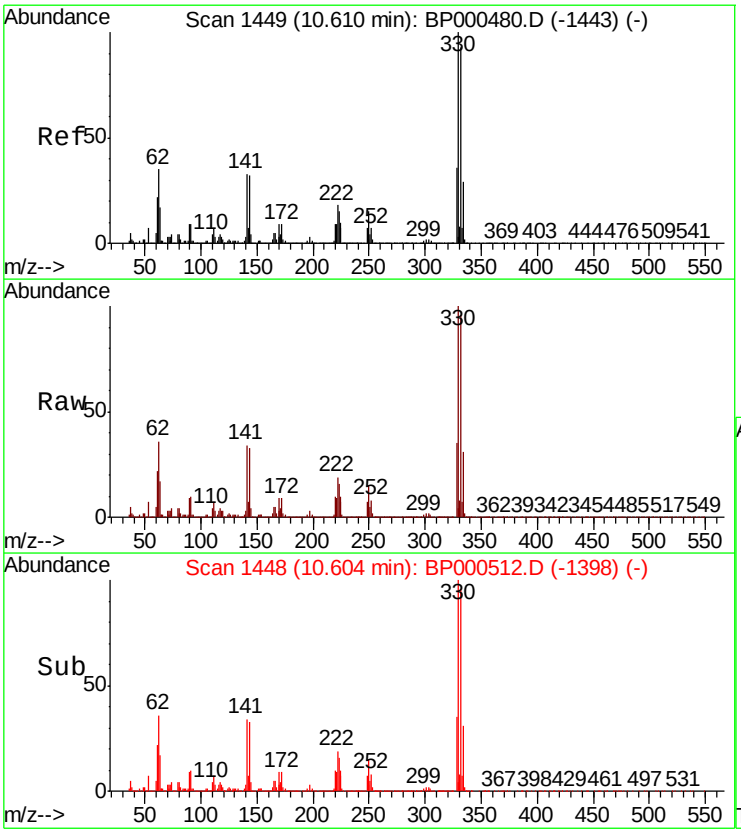
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	68.8	42.9	82.9
272	0.0	0.0	32.4

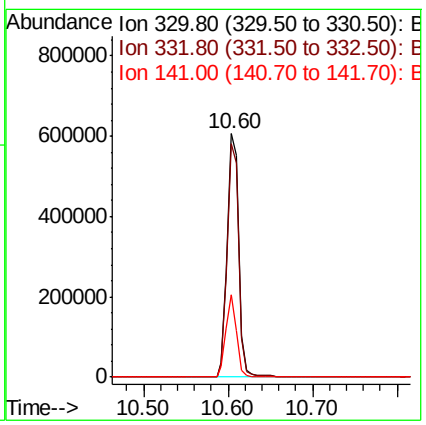


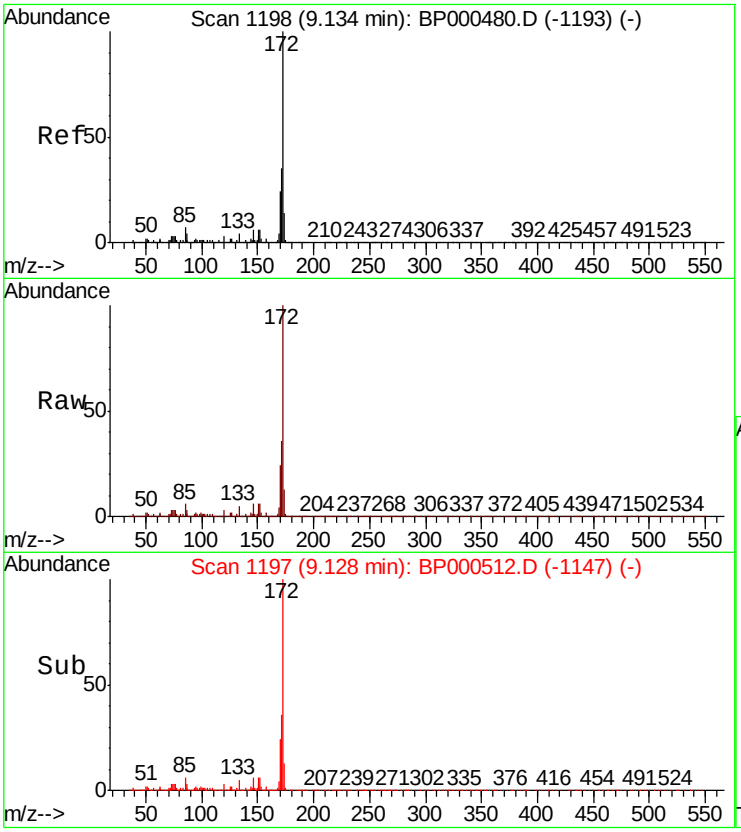


#42
2,4,6-Tribromophenol
Concen: 103.161 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:330 Resp: 568630

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	31.2	26.0	39.0



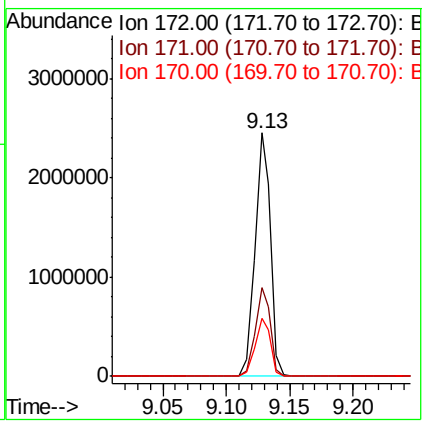


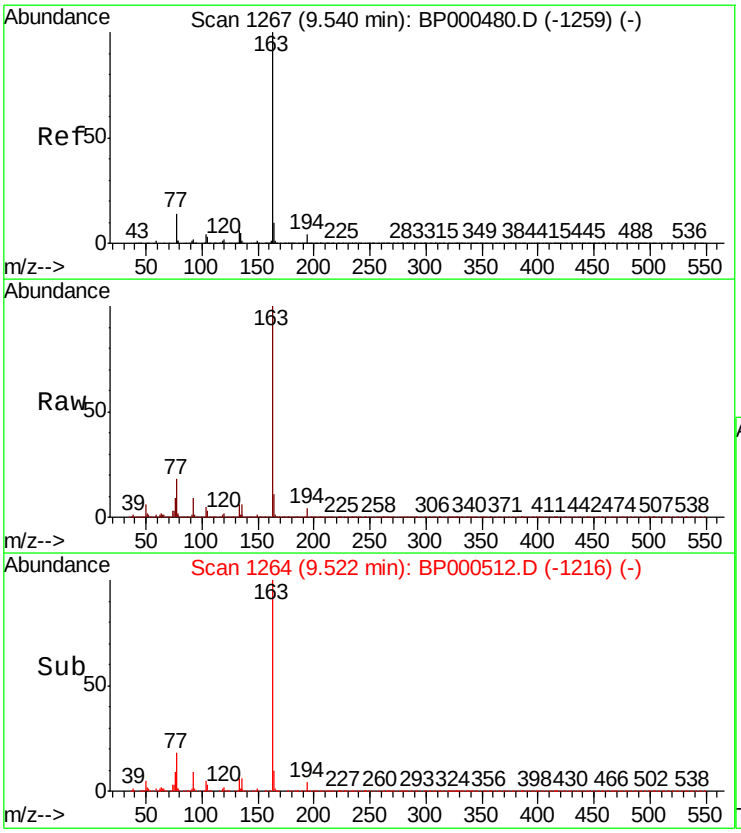
#45
2-Fluorobiphenyl
Concen: 66.119 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2113802

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.4	42.6
170	24.0	19.1	28.7

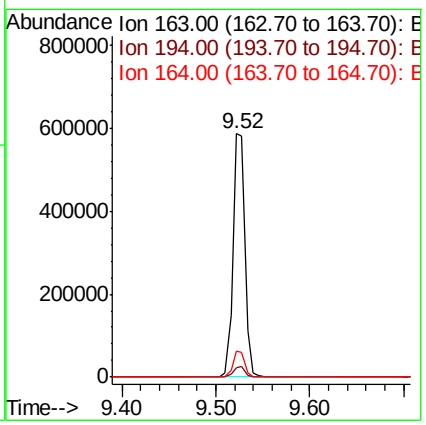


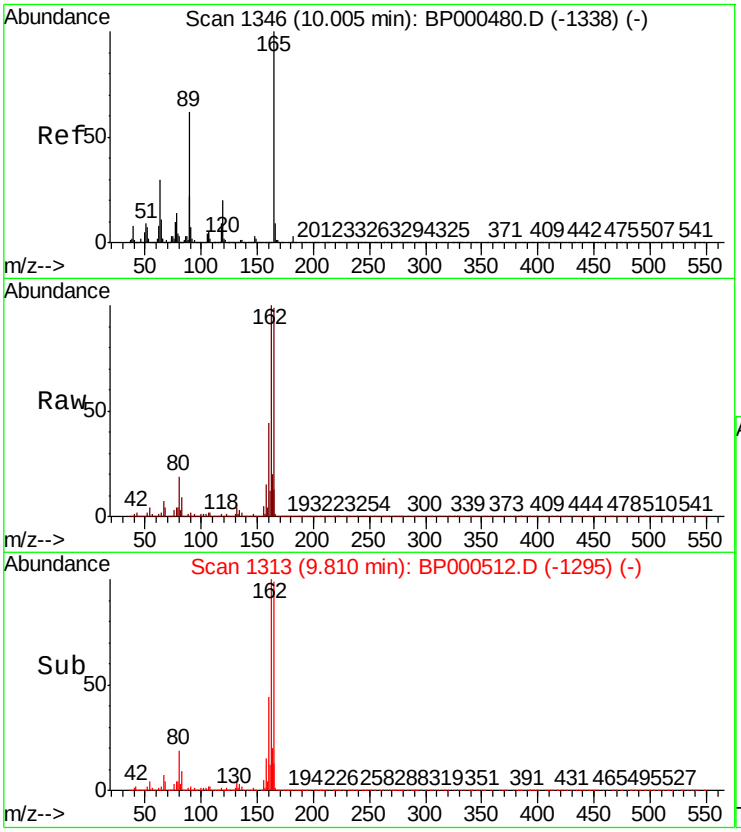


#50
Dimethylphthalate
Concen: 14.377 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:163 Resp: 516746

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	8.0	12.0



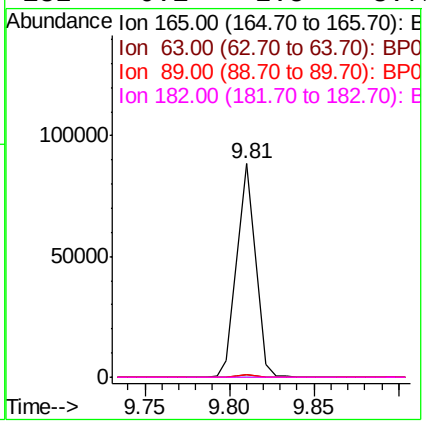


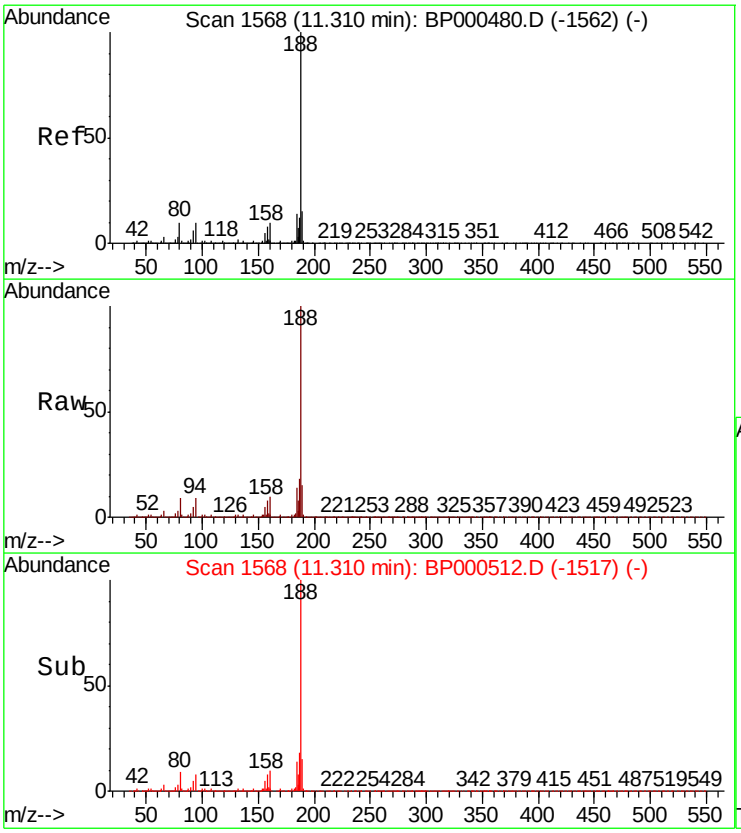
#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 68647

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.3	49.4	74.0#
182	0.1	2.5	3.7#

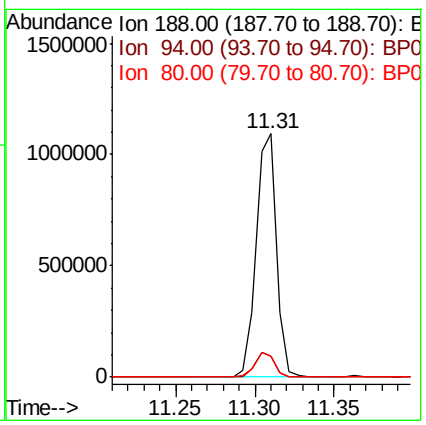


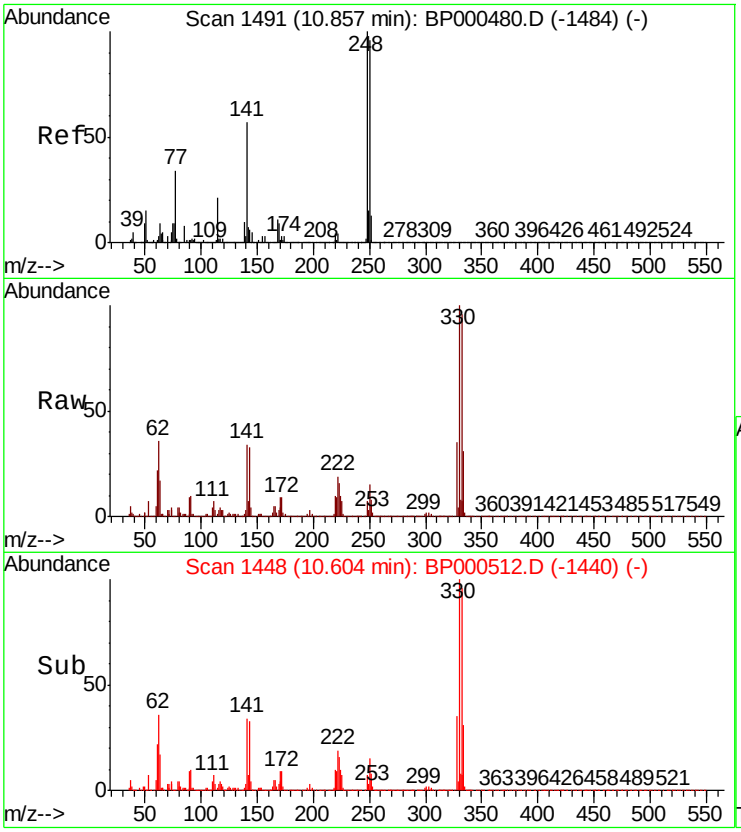


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:188 Resp: 972011

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	8.7	8.3	12.5



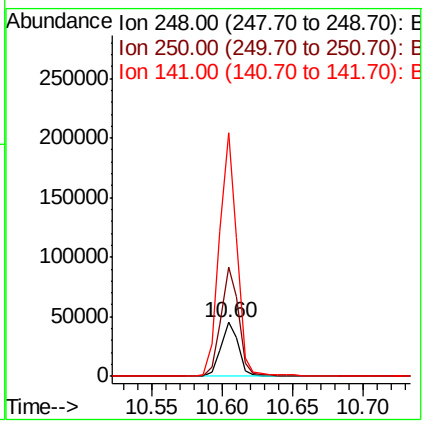


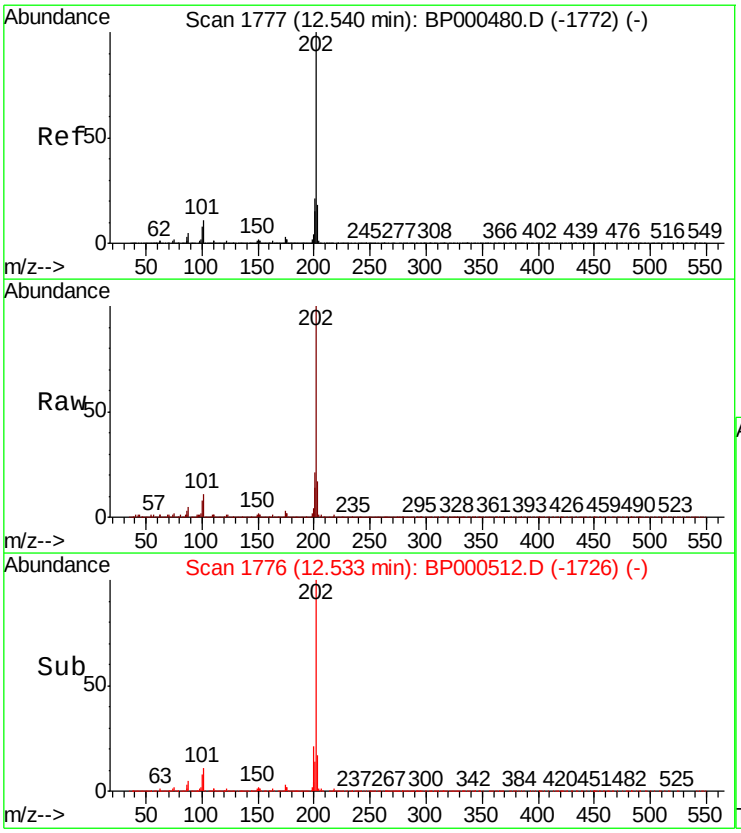
#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 39204

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.2	115.8#
141	453.1	45.3	67.9#

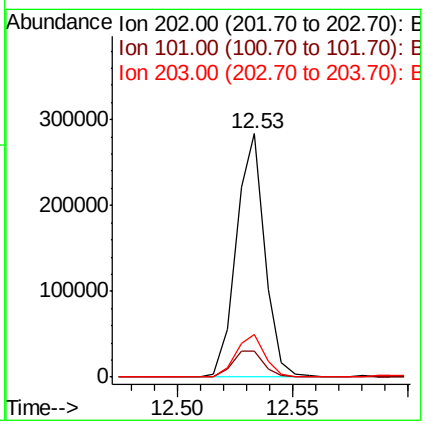


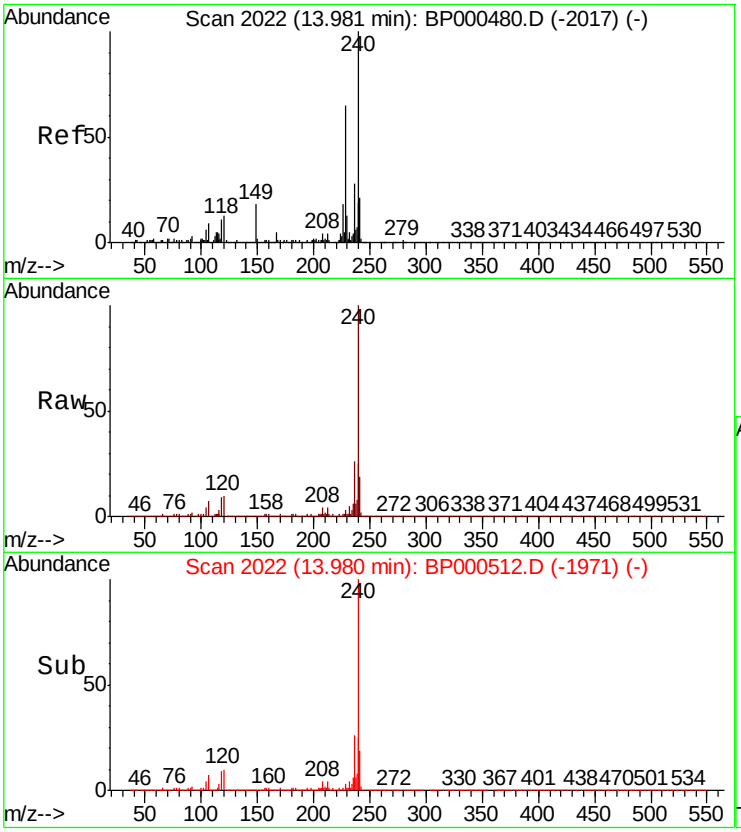


#75
Fluoranthene
Concen: 4.423 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:202 Resp: 242486

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
203	17.4	0.0	38.1



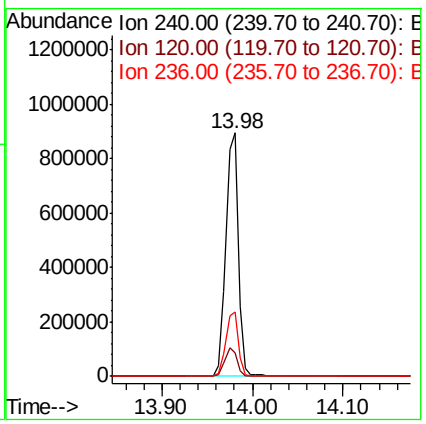


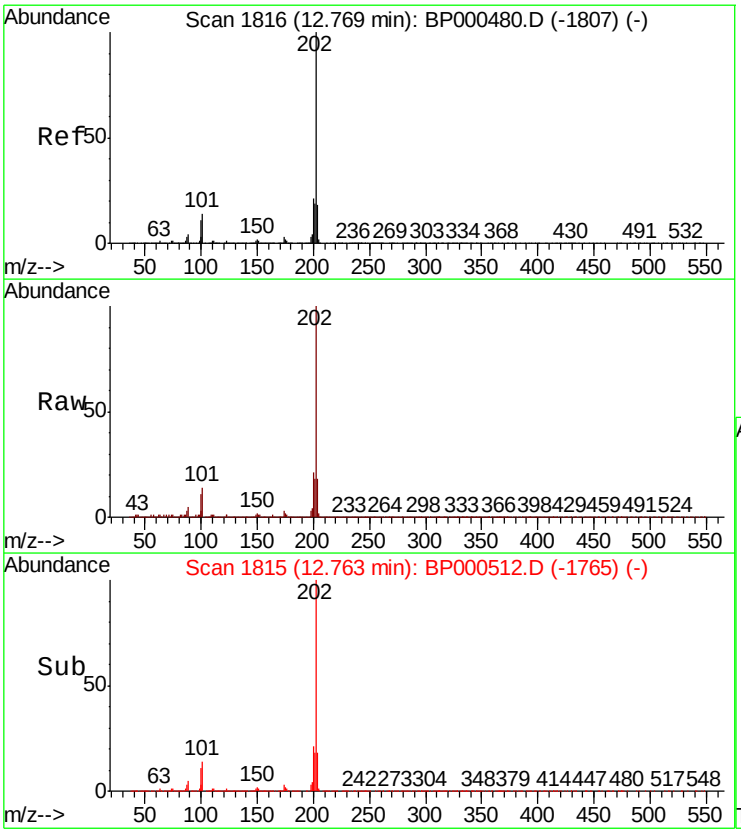
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 848299

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.1	15.1#
236	26.3	22.7	34.1

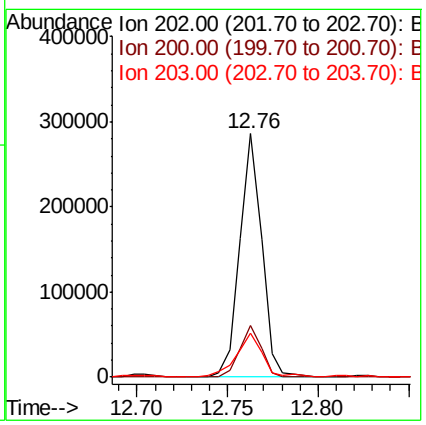


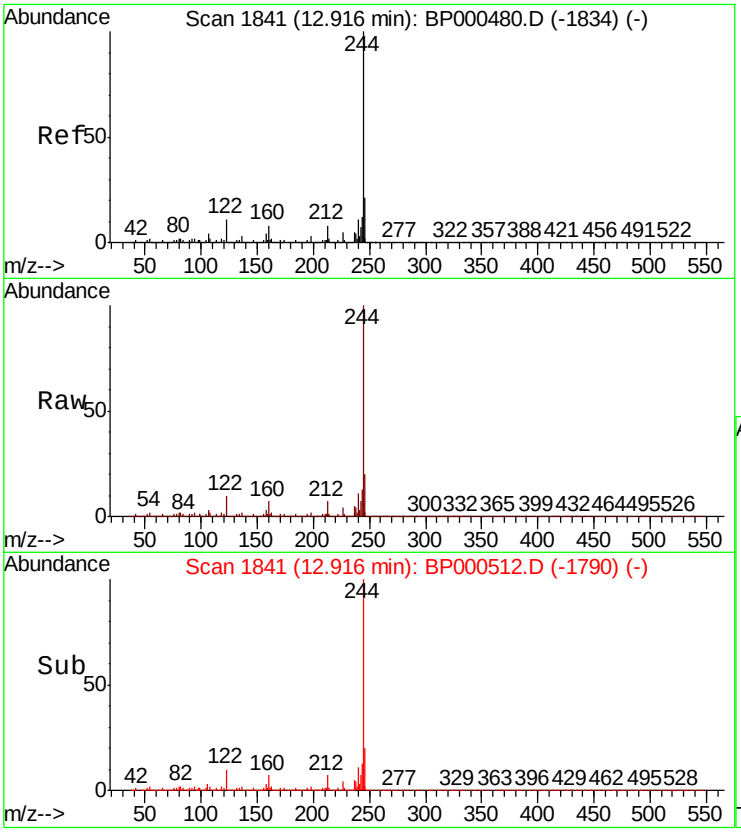


#78
Pyrene
Concen: 4.120 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:202 Resp: 241047

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.2	14.6	21.8



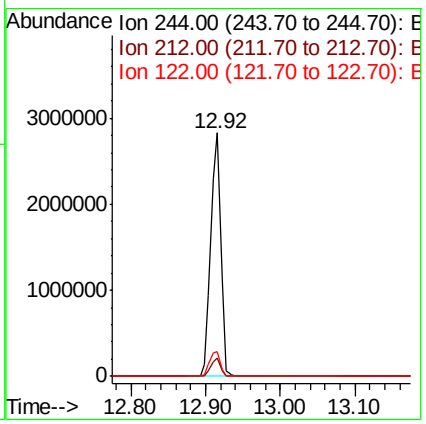


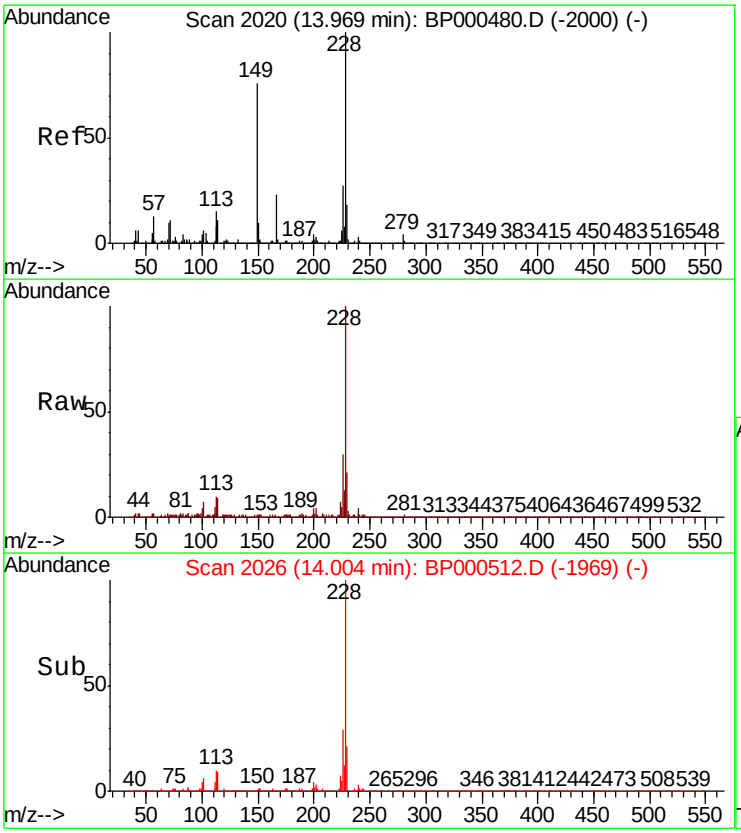
#79
Terphenyl-d14
Concen: 63.056 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2641839

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	8.9	13.3

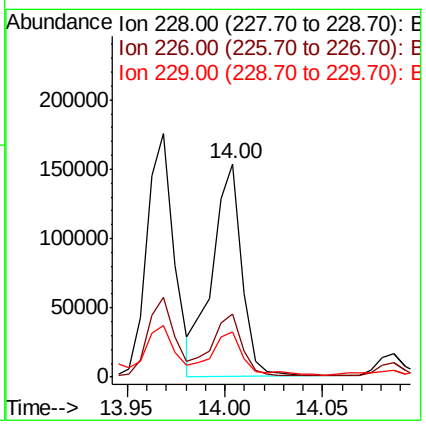


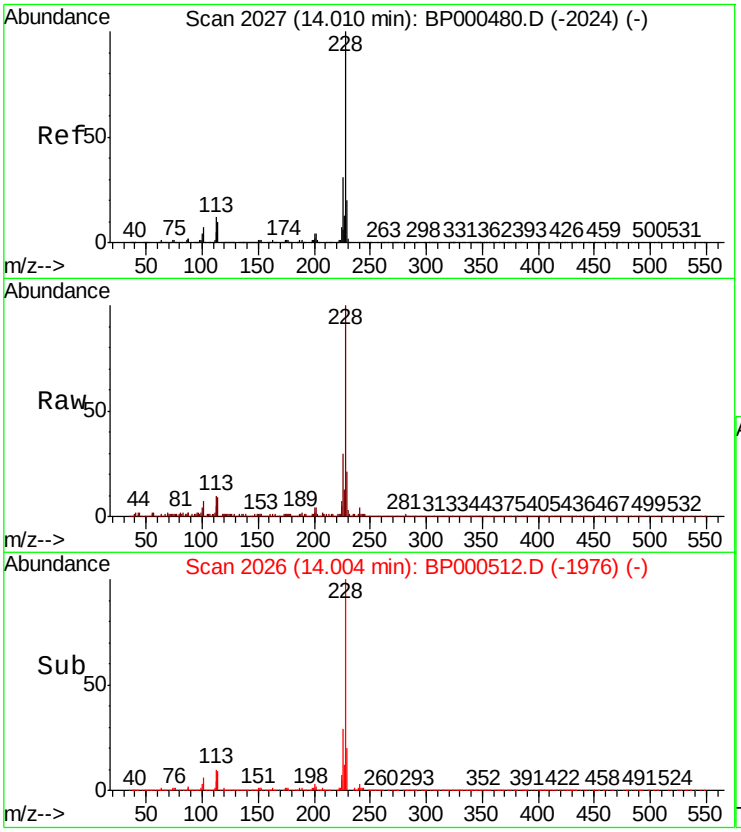


#81
Benzo(a)anthracene
Concen: 3.129 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:228 Resp: 161941

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.4	32.2
229	21.4	14.7	22.1



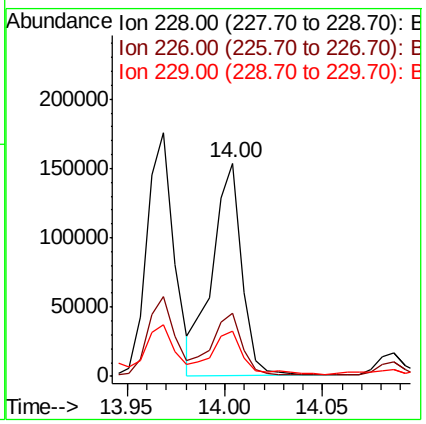


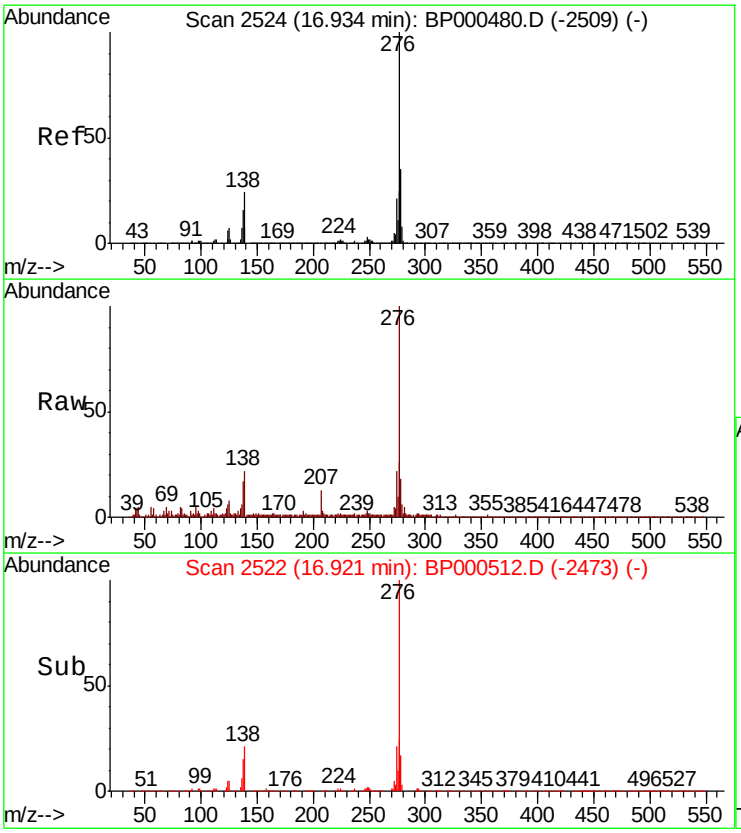
#83
Chrysene
Concen: 3.188 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 161941

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	21.4	16.3	24.5

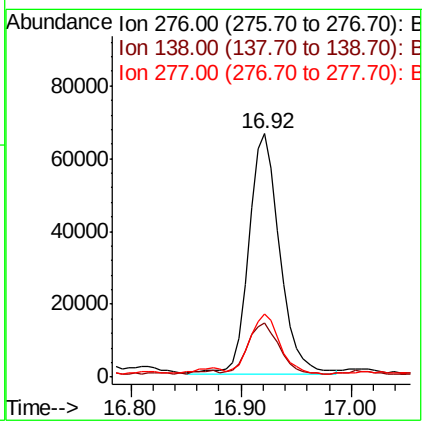


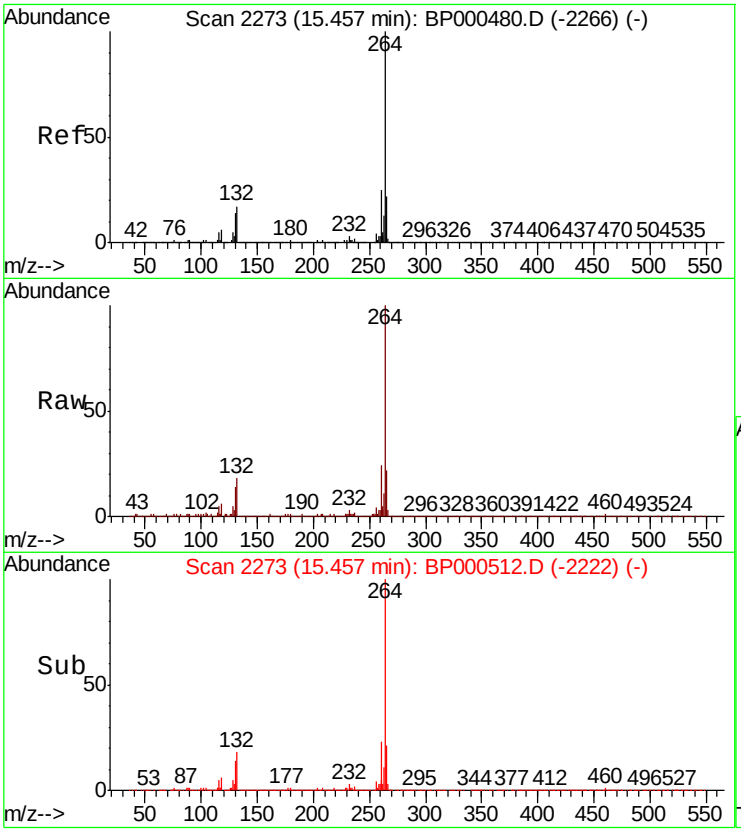


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.041 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:276 Resp: 129535

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.9	31.3
277	24.2	20.6	30.8



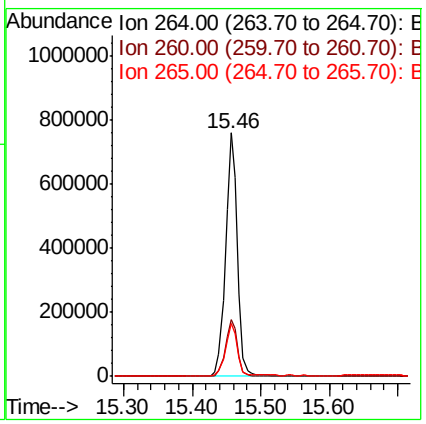


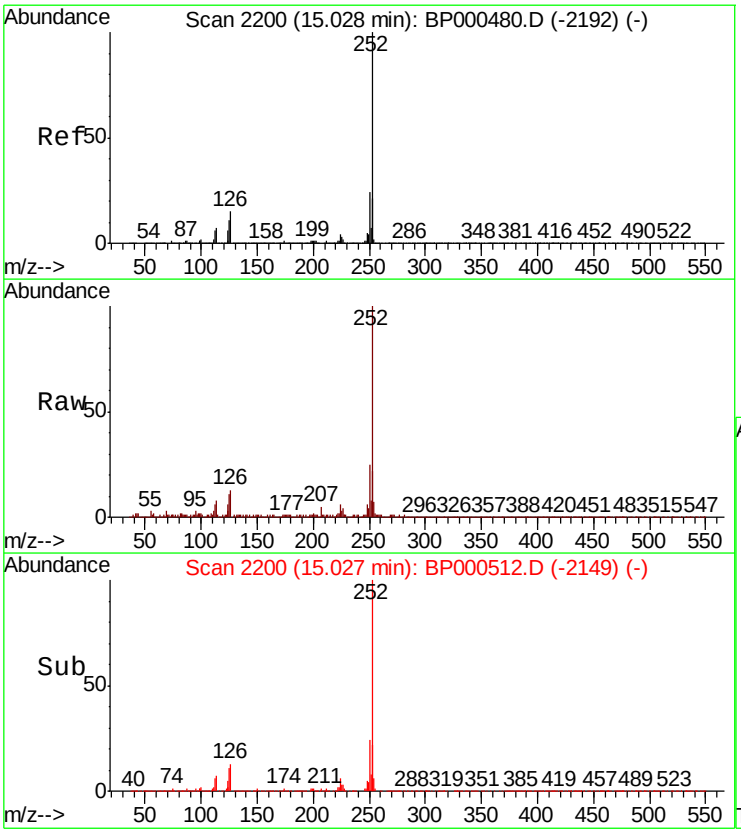
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 916726

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.6	18.0	27.0

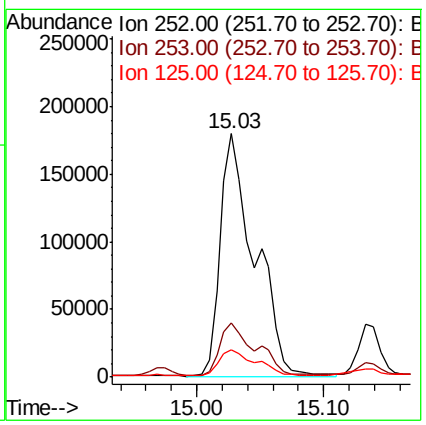


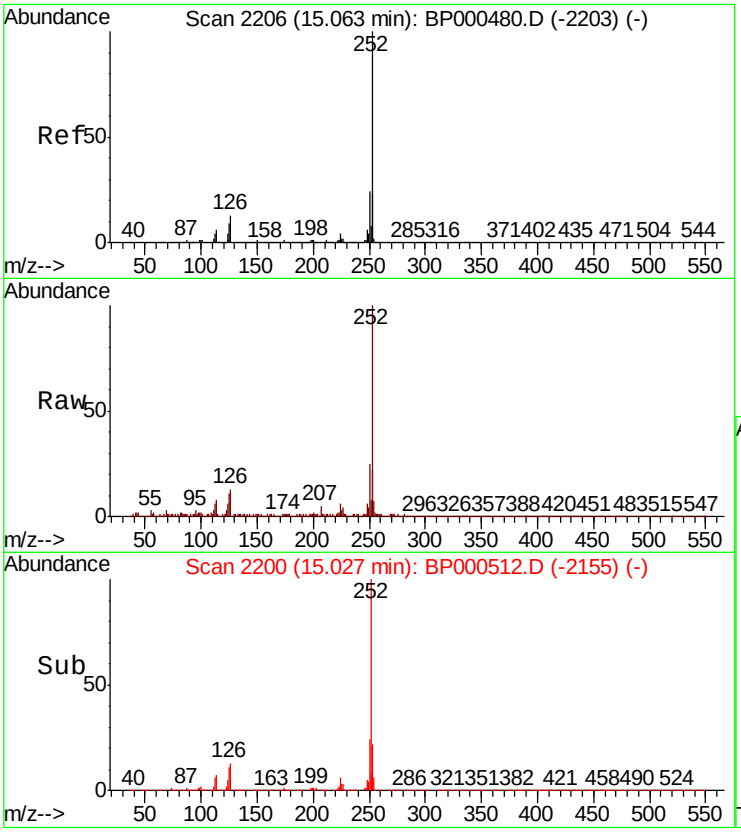


#88
Benzo(b)fluoranthene
Concen: 6.510 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:252 Resp: 338570

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.5	8.9	13.3



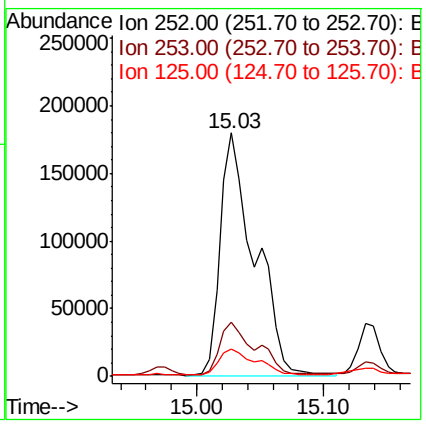


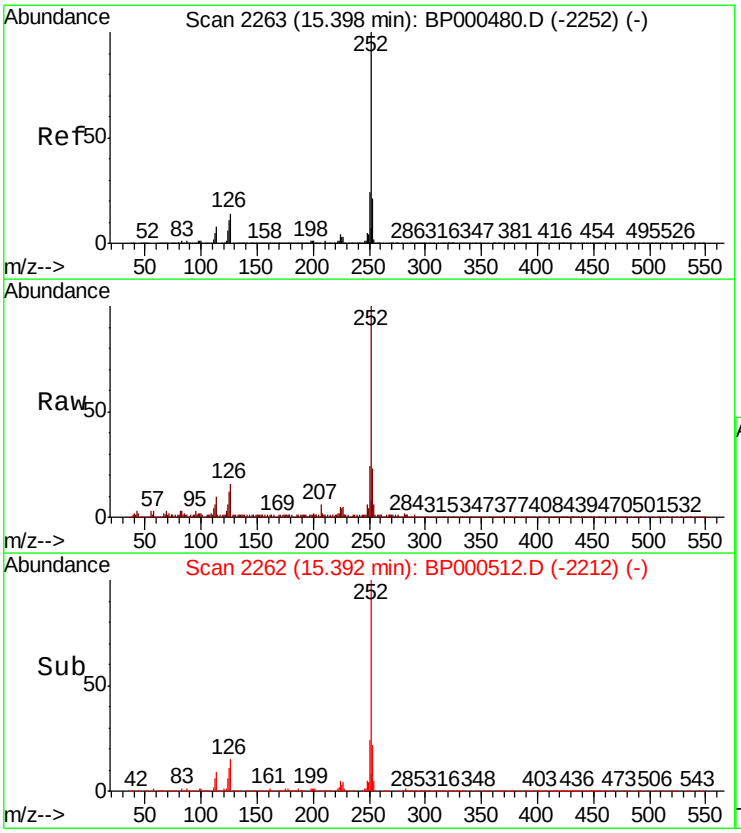
#89
Benzo(k)fluoranthene
Concen: 6.838 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 338570

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	11.5	7.8	11.8

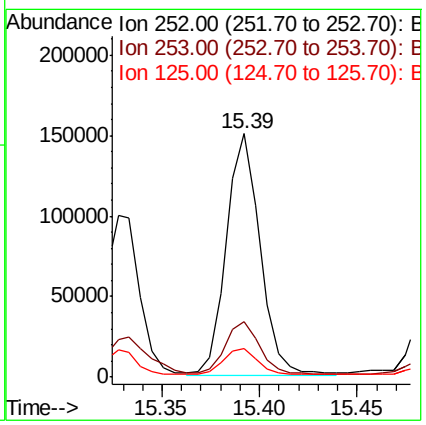


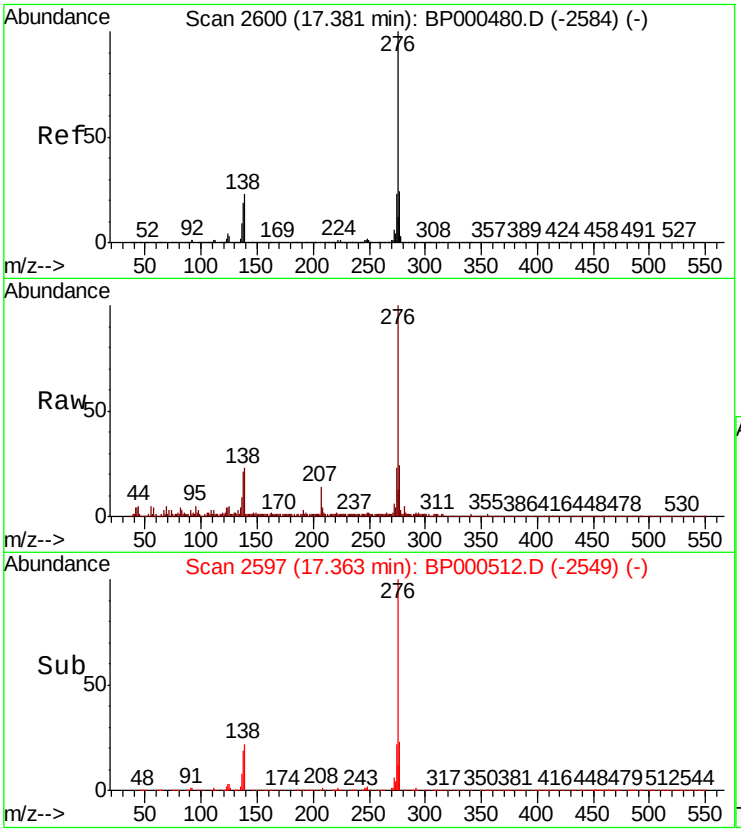


#90
Benzo(a)pyrene
Concen: 3.698 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Tgt Ion:252 Resp: 179289

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.0	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 2.735 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000512.D
Acq: 04 Oct 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 130698

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	22.9	18.5	27.7