Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000377.D
Acq On : 23 Sep 2019 21:54
Operator : HP/JU
Sample : K4980-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 24 04:23:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	180367	20.00 ng	0.00
21) Naphthalene-d8	8.07	136	647311	20.00 ng	0.00
39) Acenaphthene-d10	9.83	164	366805	20.00 ng	0.00
64) Phenanthrene-d10	11.33	188	738550	20.00 ng	0.00
76) Chrysene-d12	13.99	240	628450	20.00 ng	0.00
87) Perylene-d12	15.47	264	722776	20.00 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.42	112	1490110	142.62 ng	0.02
7) Phenol-d6	6.43	99	1860032	145.24 ng	0.01
23) Nitrobenzene-d5	7.35	82	829016	82.63 ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	548382	150.73 ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1814798	89.05 ng	0.00
79) Terphenyl-d14	12.93	244	2403296	80.23 ng	0.00
Target Compounds					Qvalue
9) Benzaldehyde	6.43	77	3204	Below Cal	# 2
19) n-Nitroso-di-n-propylamine	7.35	70	103959	15.353 ng	# 74
25) Isophorone	7.35	82	828836	41.721 ng	# 63
49) Acenaphthylene	9.69	152	89931	2.811 ng	99
50) Dimethylphthalate	9.55	163	204232	8.172 ng	99
67) 4-Bromophenyl-phenylether	10.63	248	37557	4.497 ng	# 1
69) Atrazine	11.02	200	125	Below Cal	# 1
71) Phenanthrene	11.35	178	127788	3.453 ng	98
75) Fluoranthene	12.55	202	219265	5.517 ng	98
78) Pyrene	12.78	202	313980	6.678 ng	98
81) Benzo(a)anthracene	14.02	228	148549	3.742 ng	96
83) Chrysene	14.02	228	148549	3.811 ng	98
88) Benzo(b)fluoranthene	15.04	252	250764	5.816 ng	99
89) Benzo(k)fluoranthene	15.04	252	250764	6.667 ng	99
90) Benzo(a)pyrene	15.41	252	151559	3.863 ng	97
92) Benzo(g,h,i)perylene	17.39	276	97210	2.585 ng	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
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Acq On : 23 Sep 2019 21:54
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Misc :
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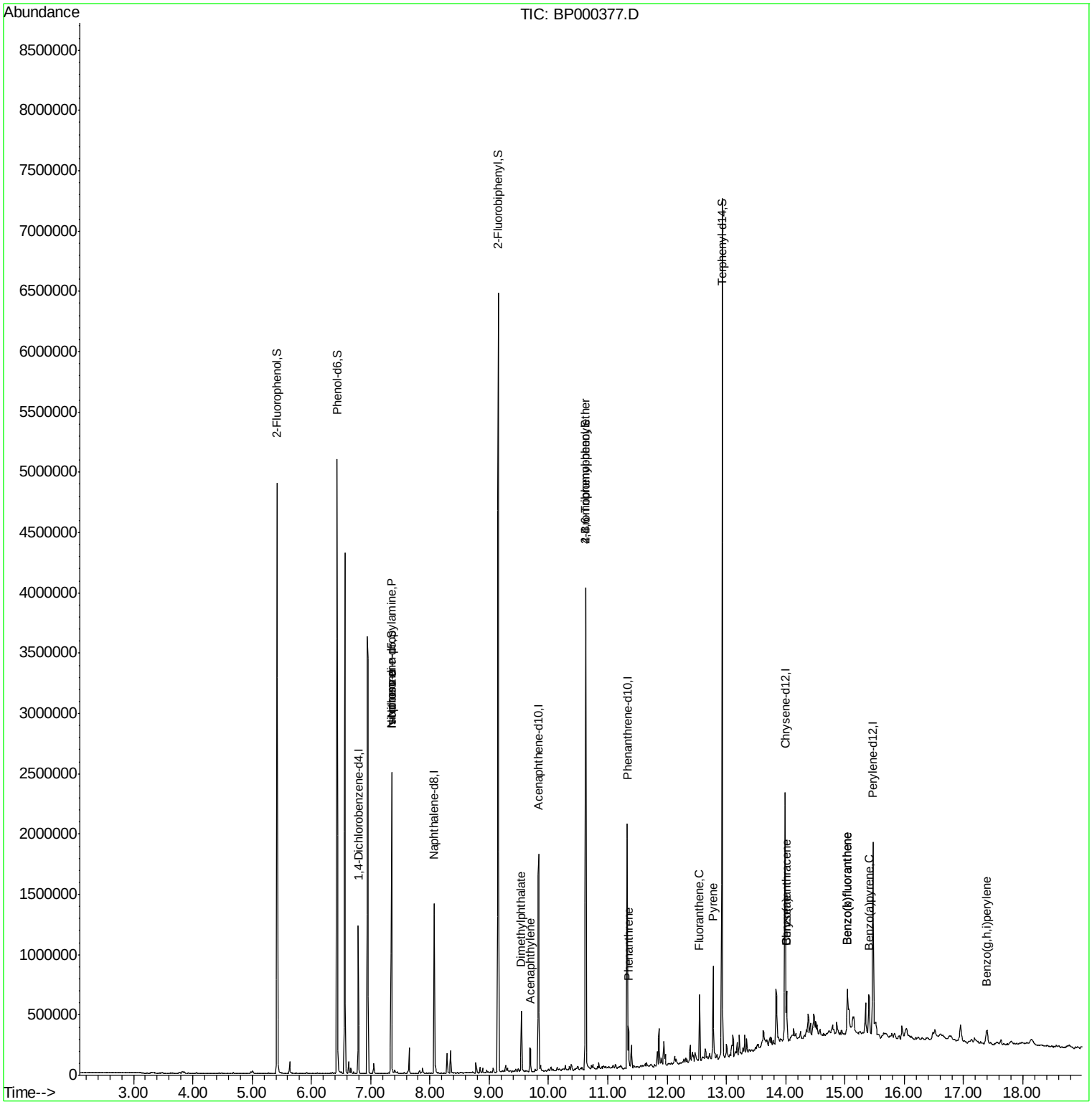
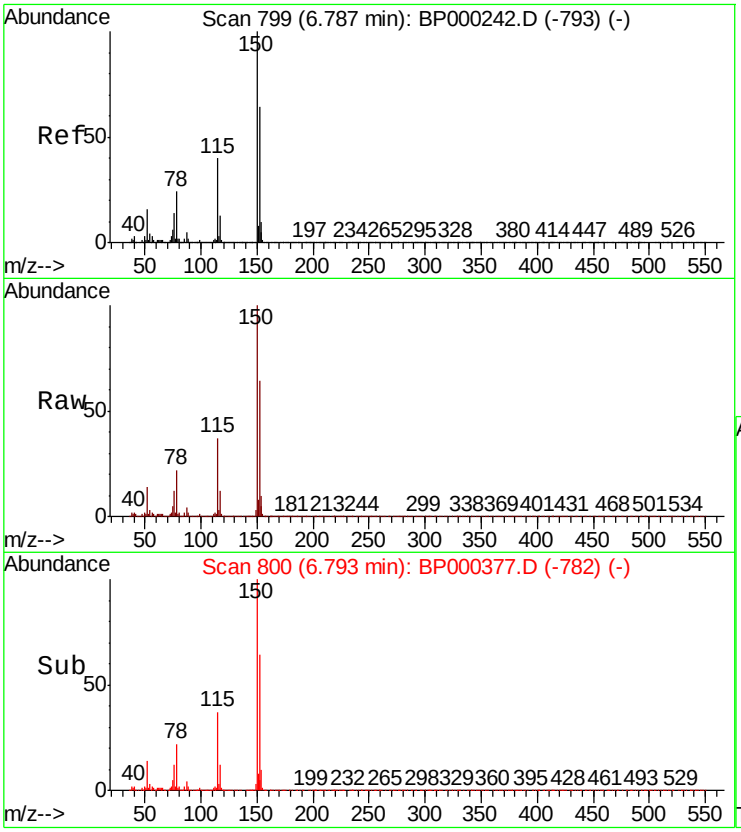
Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 24 04:23:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



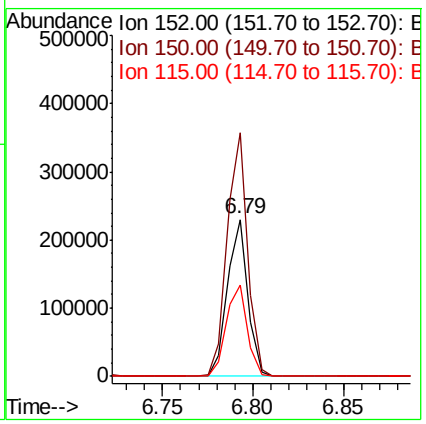


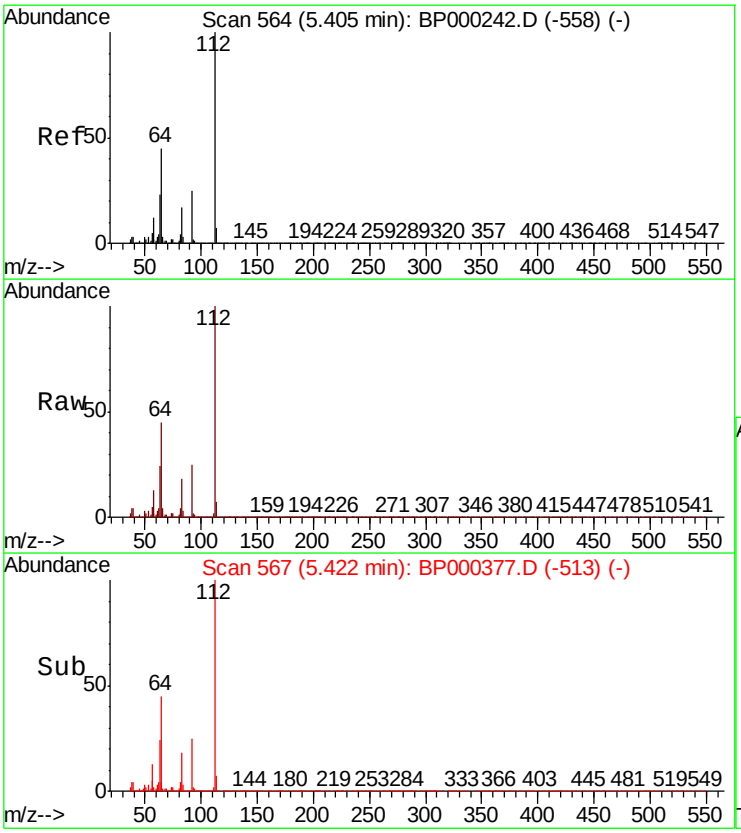
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 180367

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	57.9	49.7	74.5

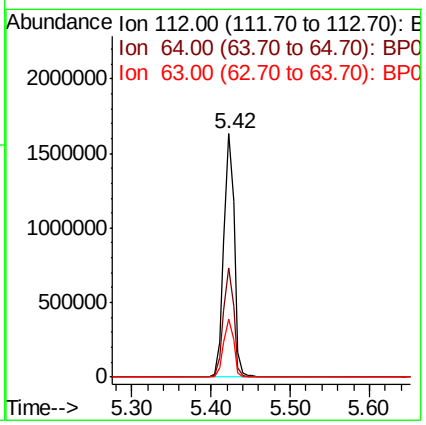


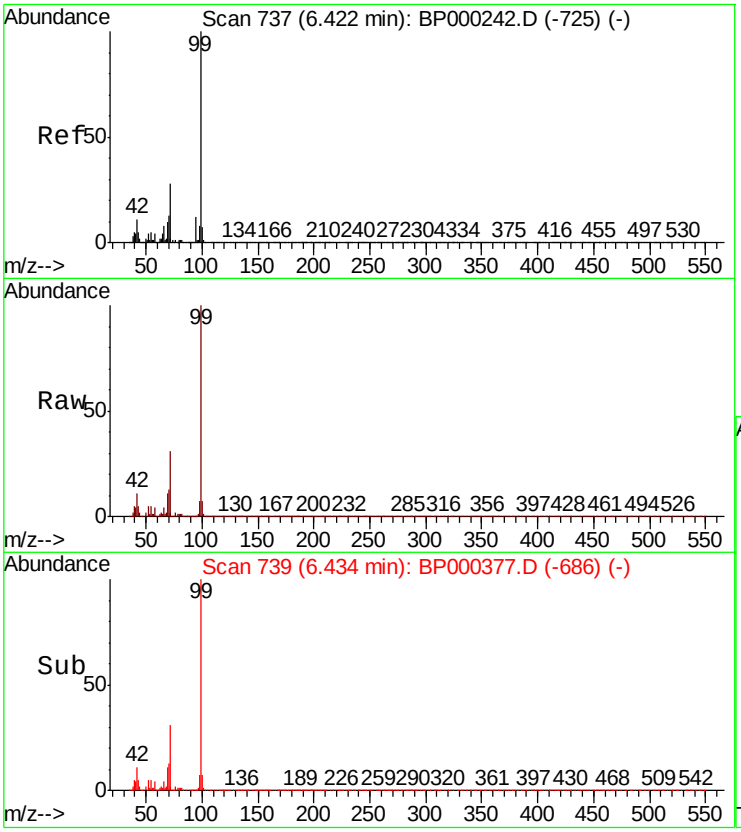


#5
2-Fluorophenol
Concen: 142.623 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:112 Resp: 1490110

Ion	Ratio	Lower	Upper
112	100		
64	45.1	36.2	54.4
63	23.7	18.3	27.5



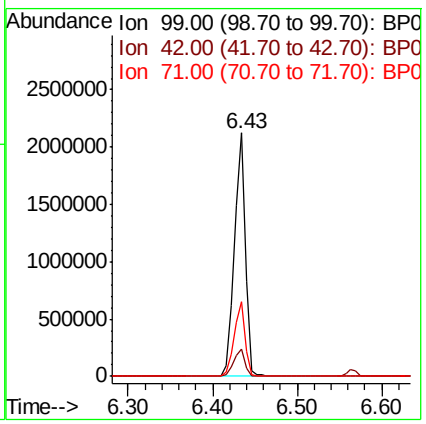


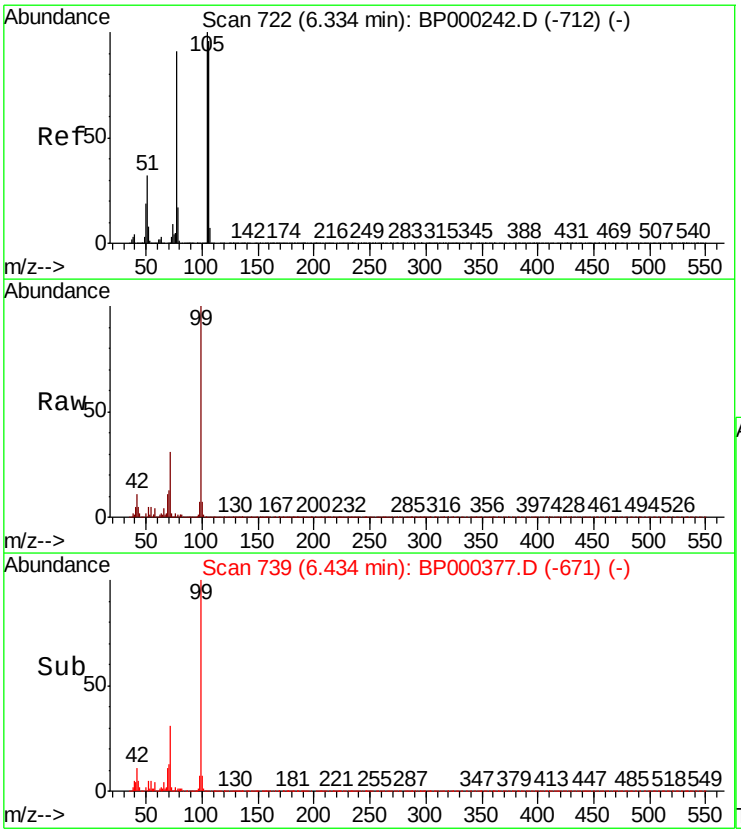
#7
Phenol-d6
Concen: 145.237 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1860032

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	30.7	22.6	34.0

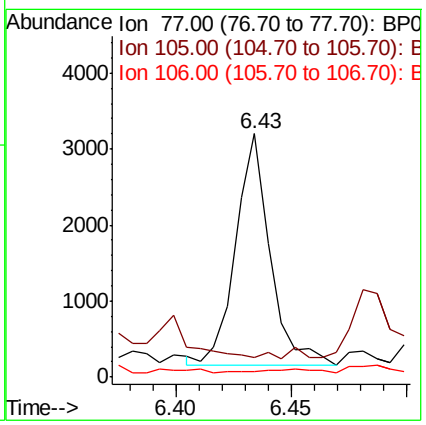


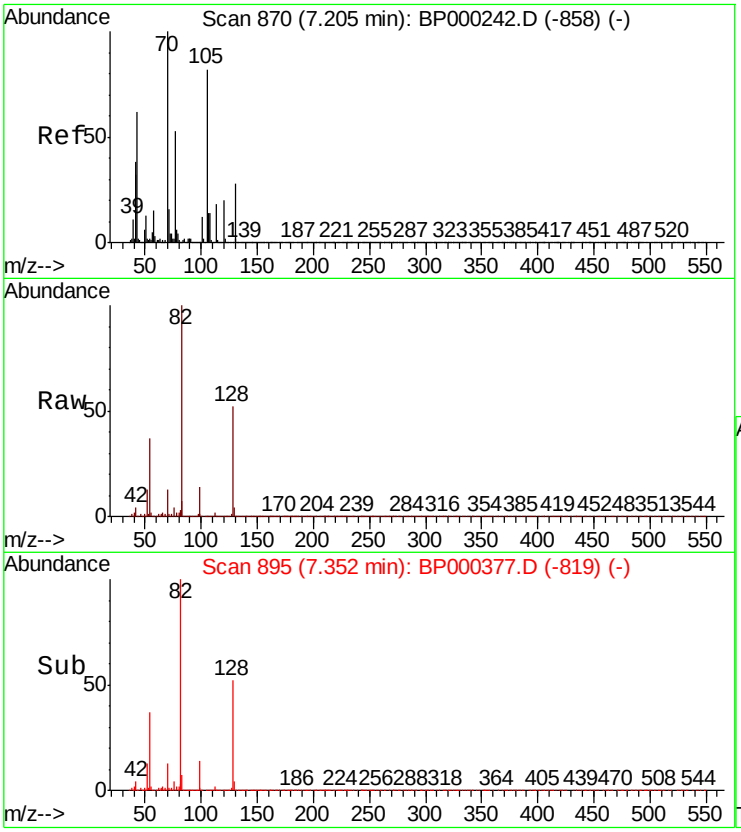


#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 739
Delta R.T. 0.10 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion: 77 Resp: 3204

Ion	Ratio	Lower	Upper
77	100		
105	8.3	89.6	129.6#
106	2.0	84.6	124.6#



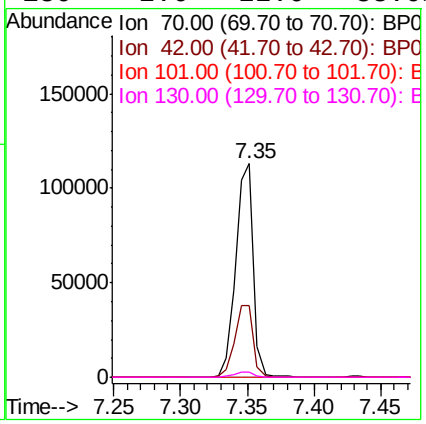


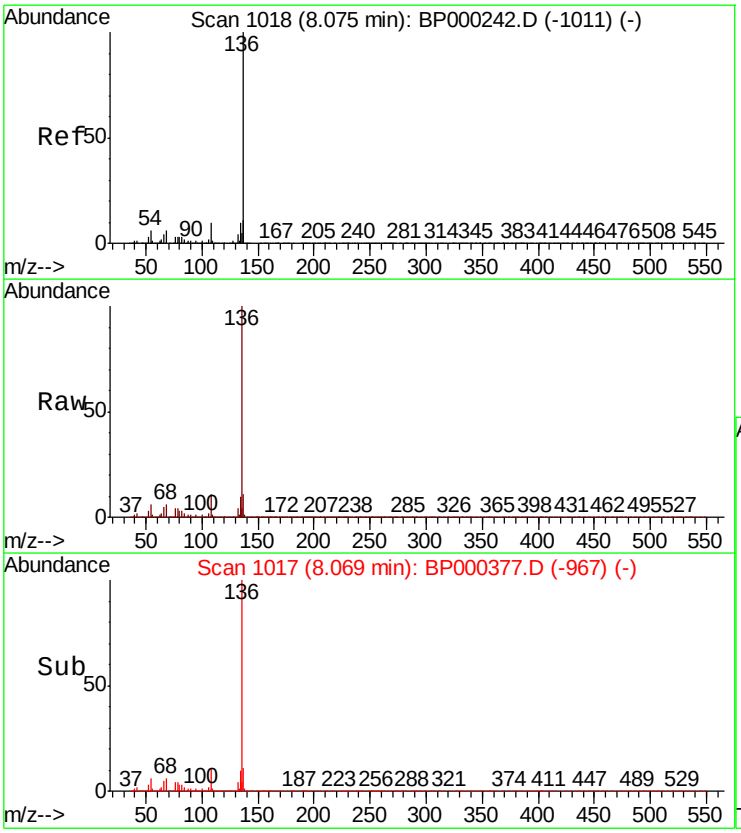
#19
n-Nitroso-di-n-propylamine
Concen: 15.353 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 103959

Ion	Ratio	Lower	Upper
70	100		
42	33.6	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#

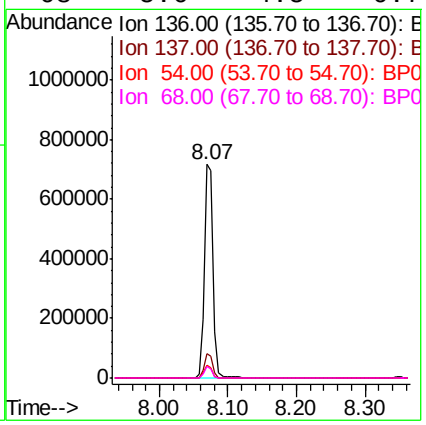


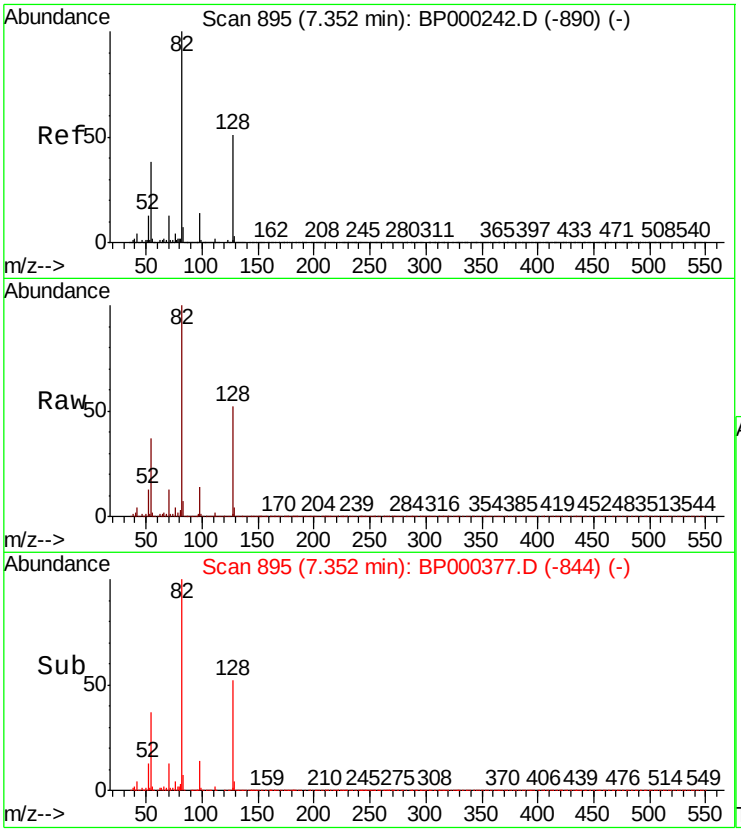


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:136 Resp: 647311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.9	4.5	6.7
68	5.6	4.5	6.7



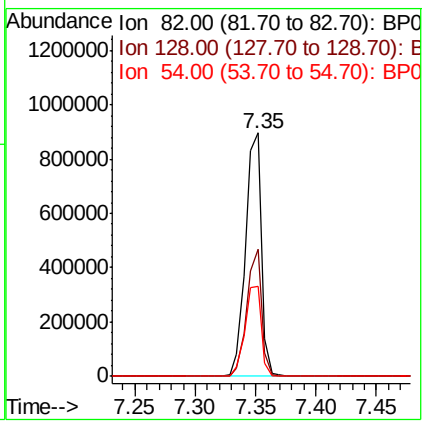


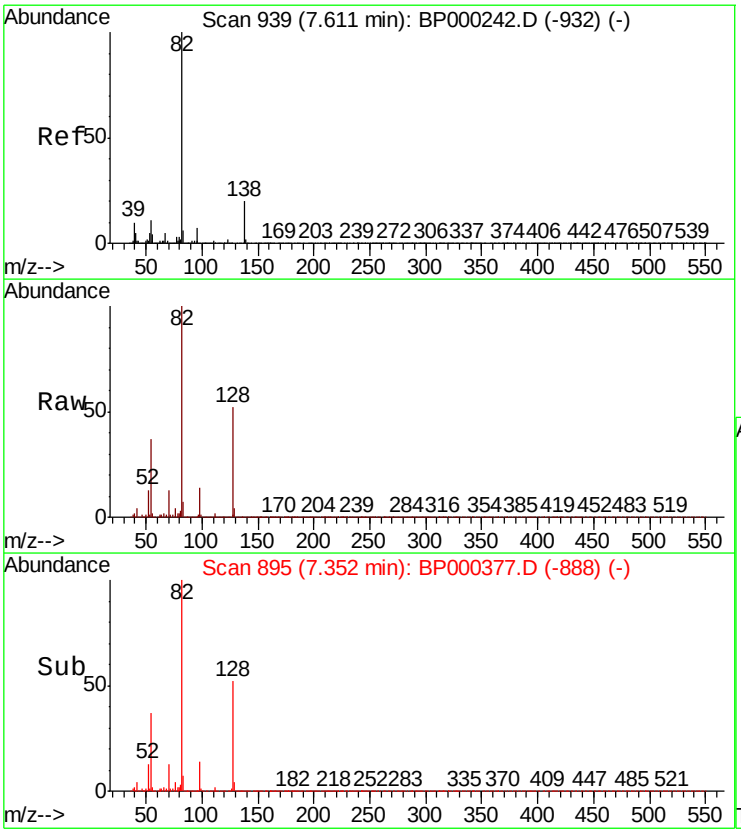
#23
Nitrobenzene-d5
Concen: 82.631 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 829016

Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.7	61.1
54	37.0	30.1	45.1

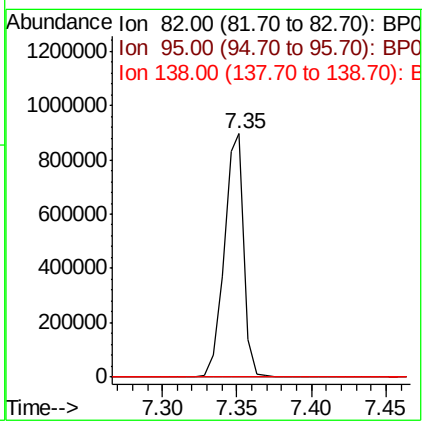


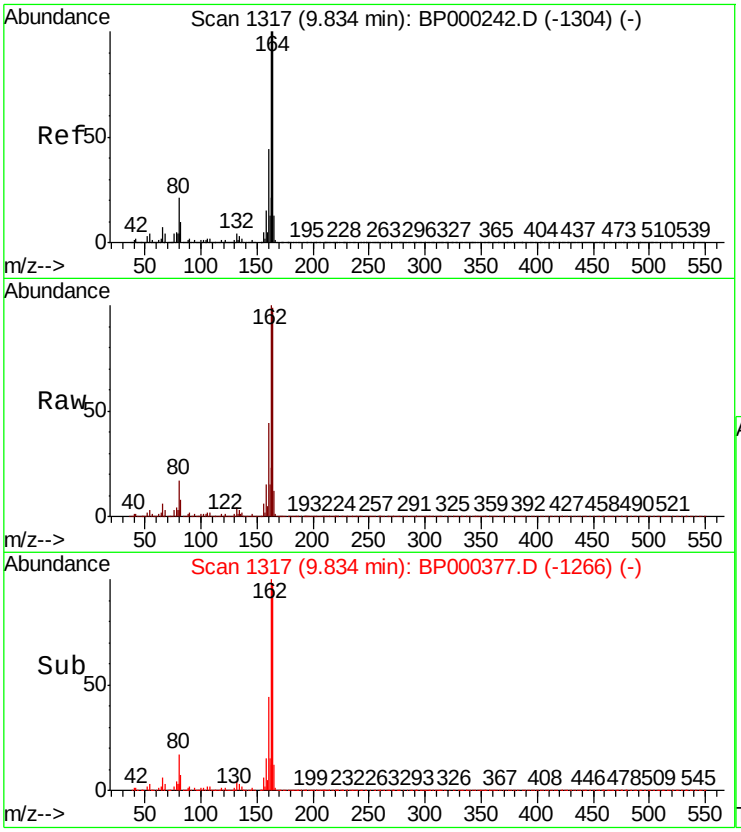


#25
Isophorone
Concen: 41.721 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion: 82 Resp: 828836

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#



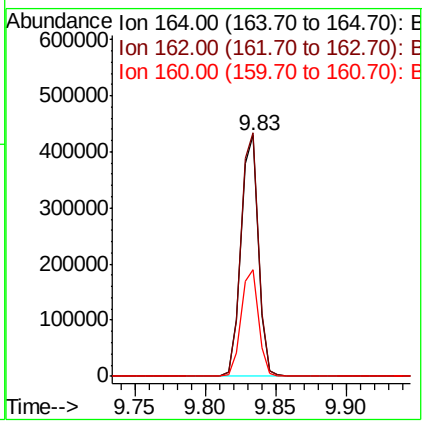


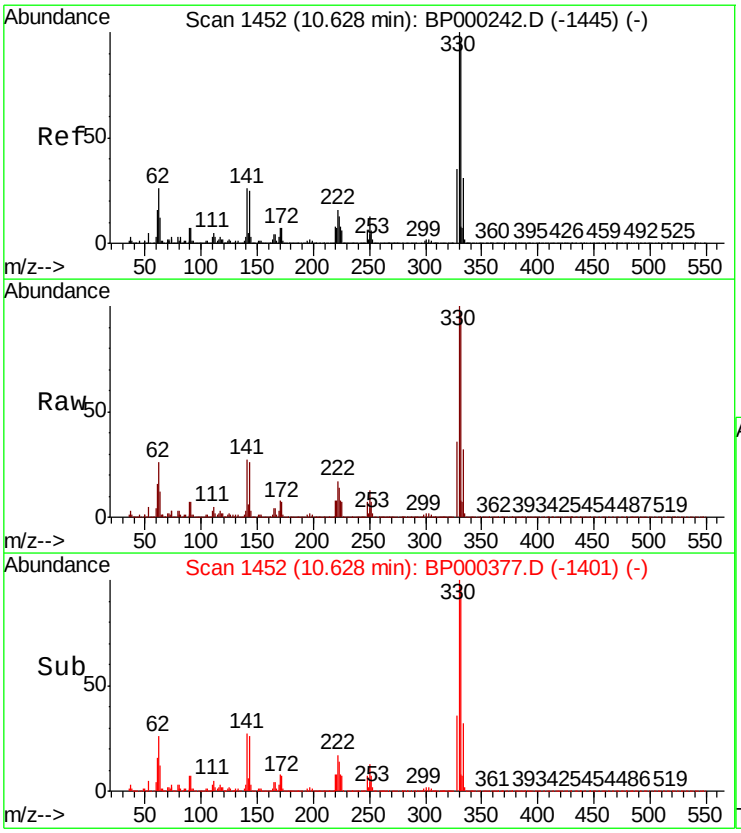
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 366805

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	44.3	35.6	53.4

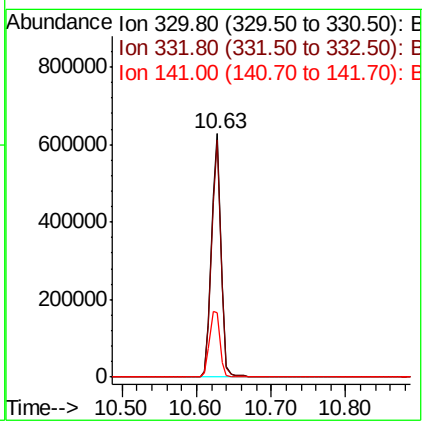


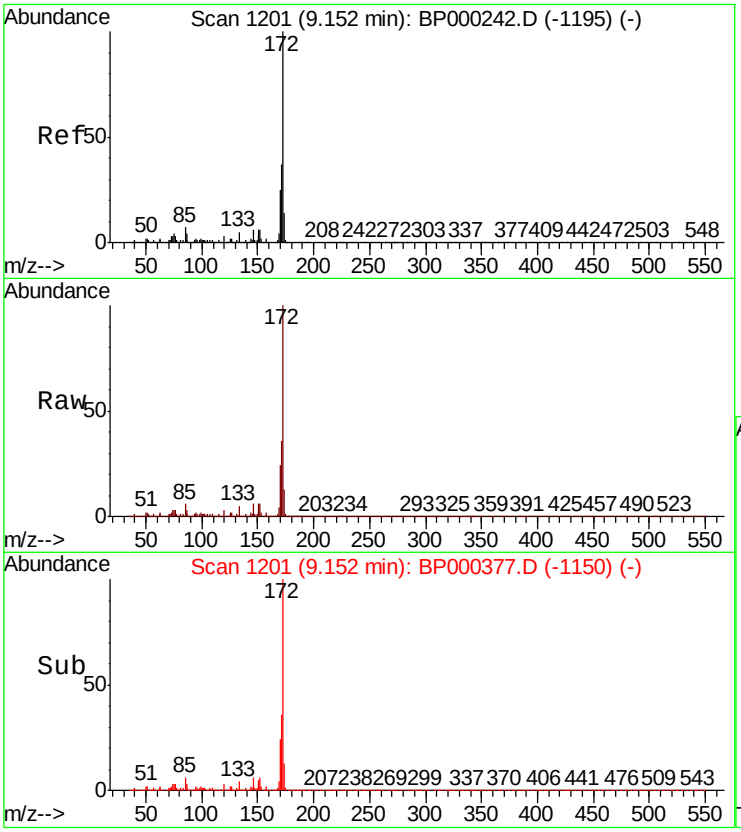


#42
2,4,6-Tribromophenol
Concen: 150.728 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:330 Resp: 548382

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	30.5	26.5	39.7



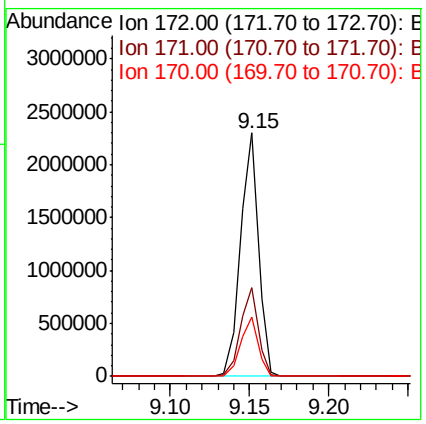


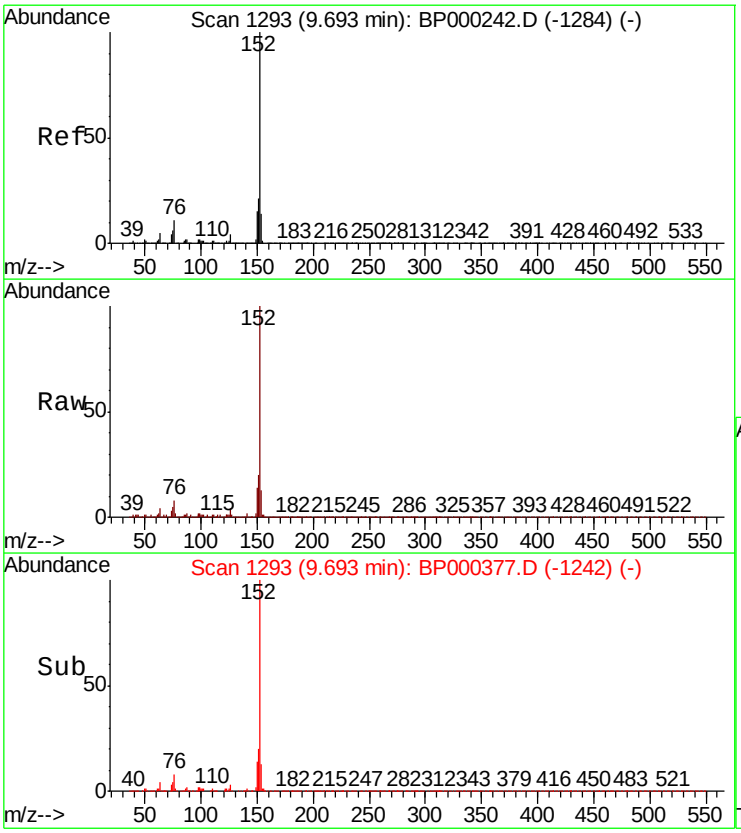
#45
2-Fluorobiphenyl
Concen: 89.047 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1814798

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.3	19.8	29.6

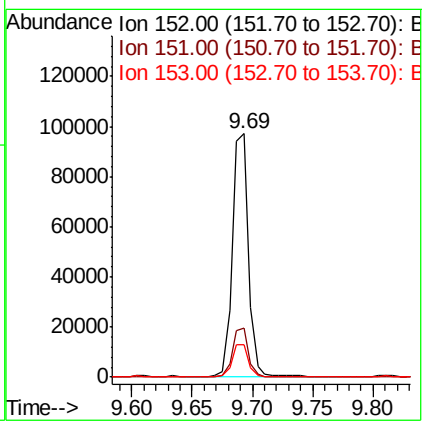


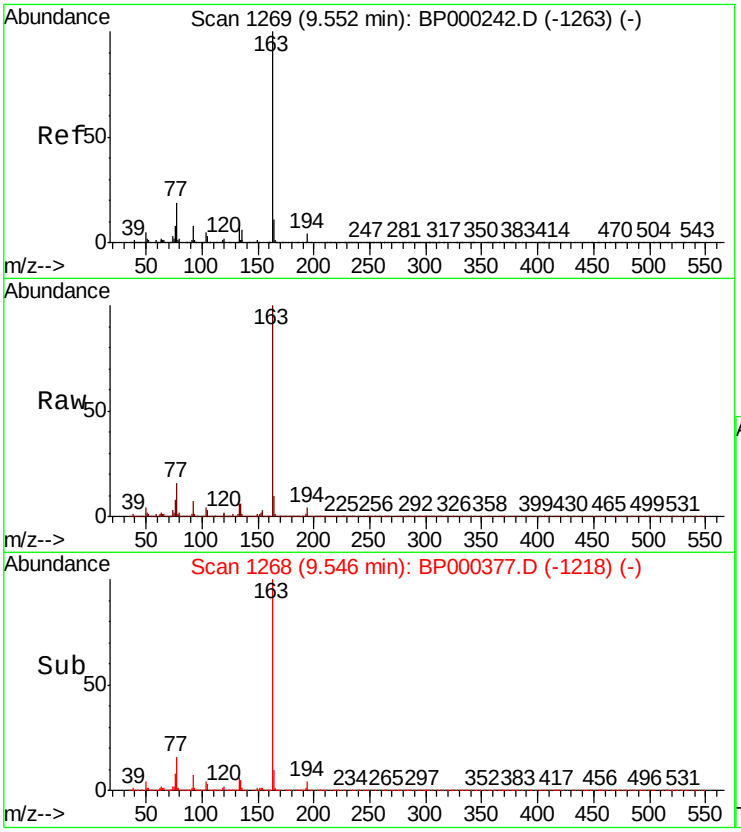


#49
Acenaphthylene
Concen: 2.811 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:152 Resp: 89931

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	13.2	11.0	16.4



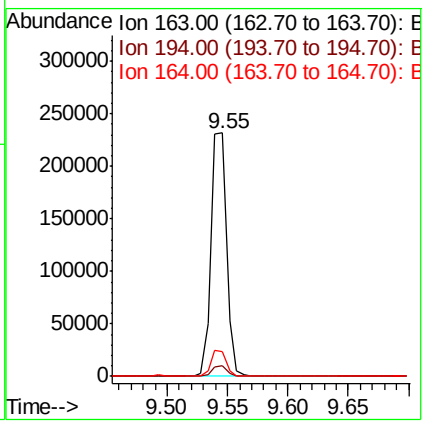


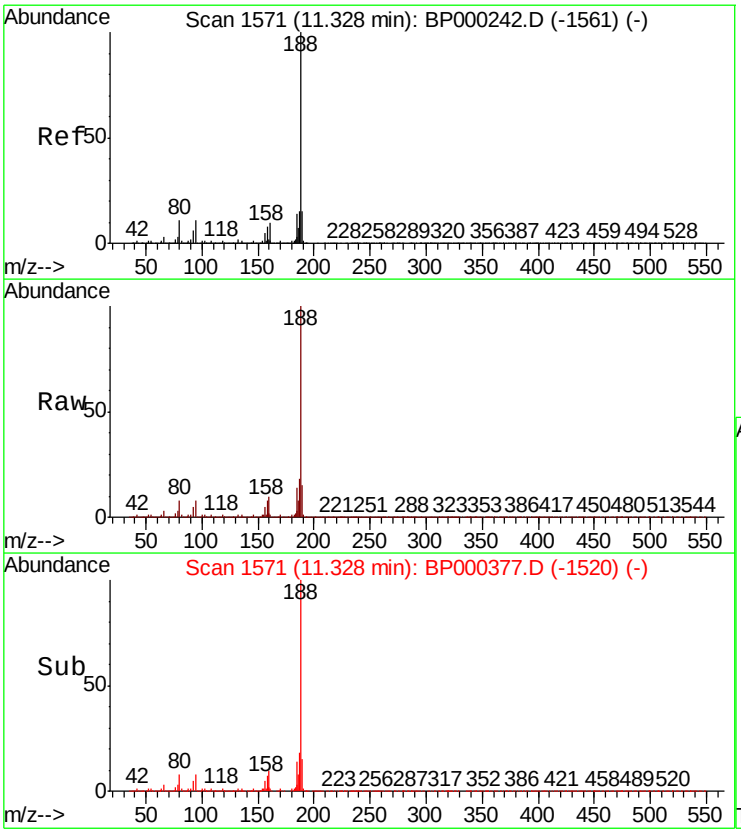
#50
Dimethylphthalate
Concen: 8.172 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 204232

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.1	8.5	12.7

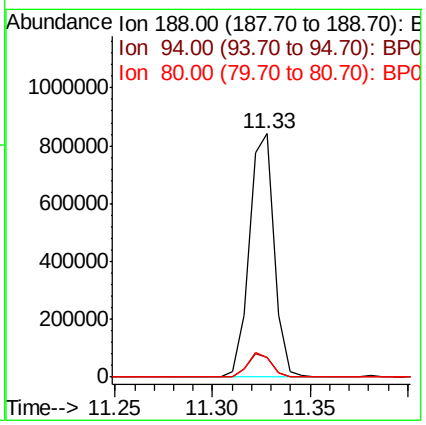


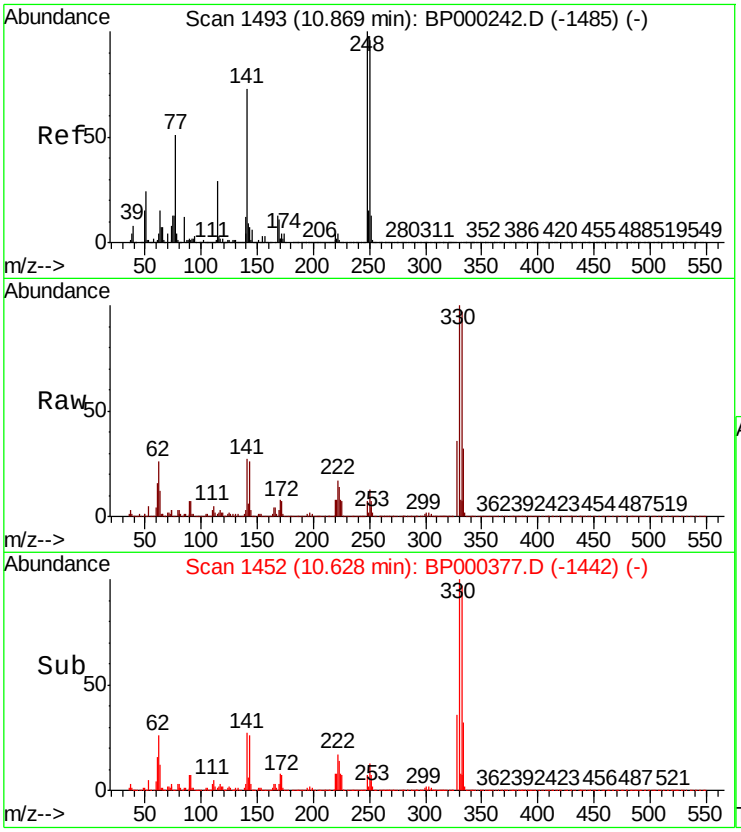


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:188 Resp: 738550

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.2	8.6	13.0#



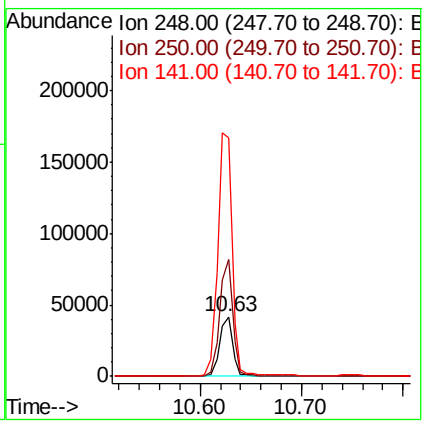


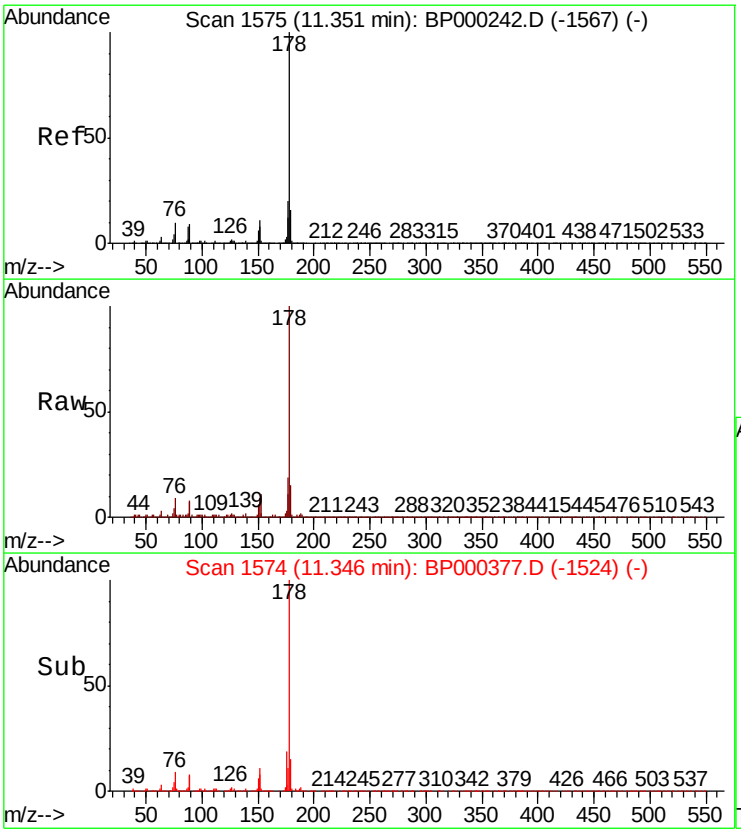
#67
4-Bromophenyl-phenylether
Concen: 4.497 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 37557

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.0	115.4#
141	399.4	58.5	87.7#

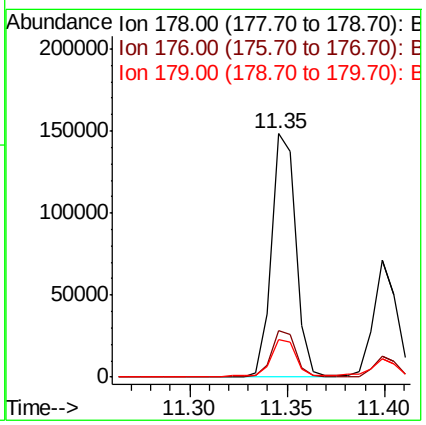


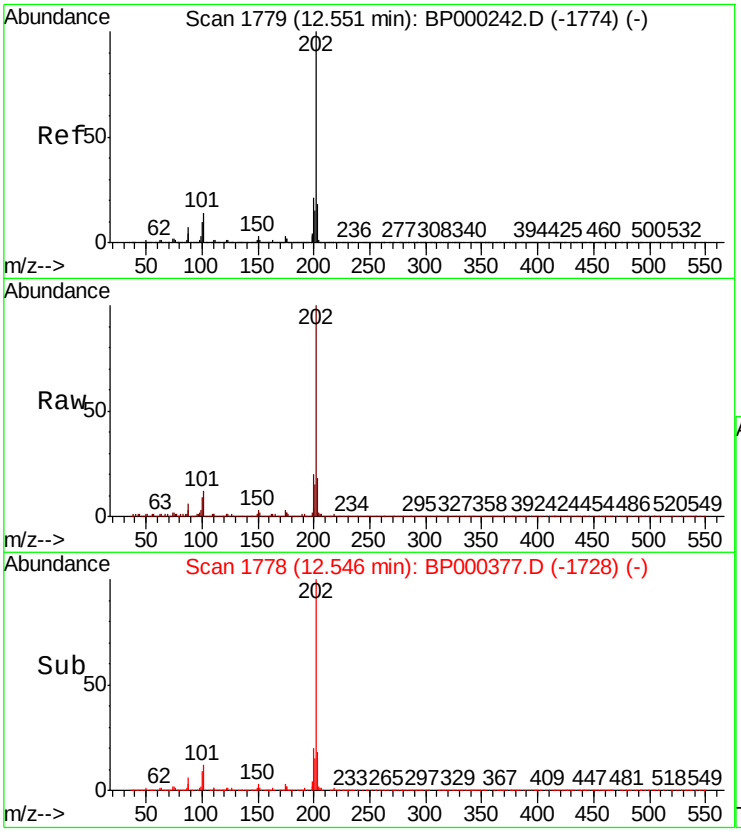


#71
Phenanthrene
Concen: 3.453 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:178 Resp: 127788

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	12.7	19.1



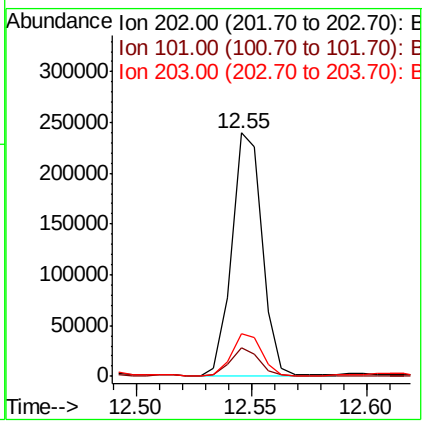


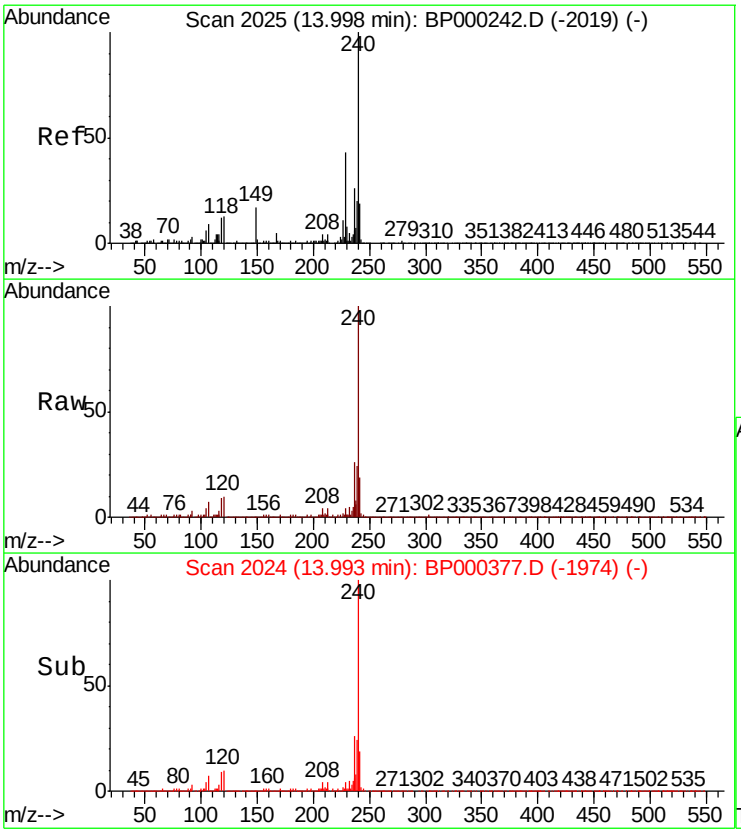
#75
Fluoranthene
Concen: 5.517 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 219265

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.9
203	17.7	0.0	38.0

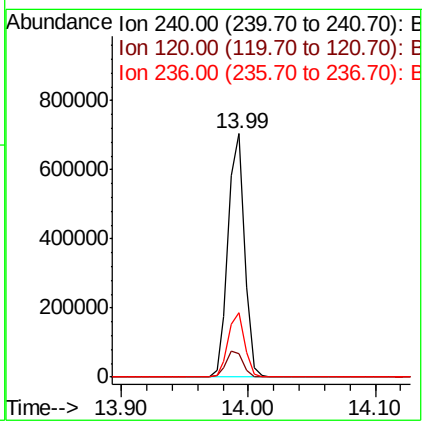


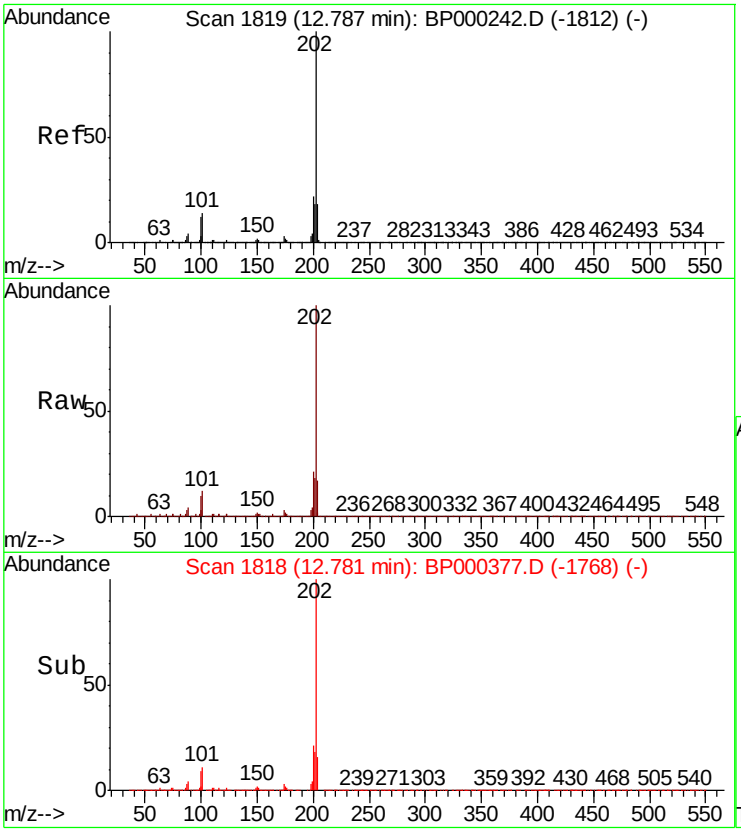


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:240 Resp: 628450

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.4	15.6#
236	26.3	21.0	31.6



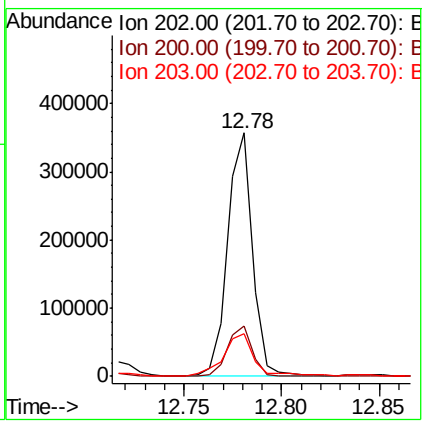


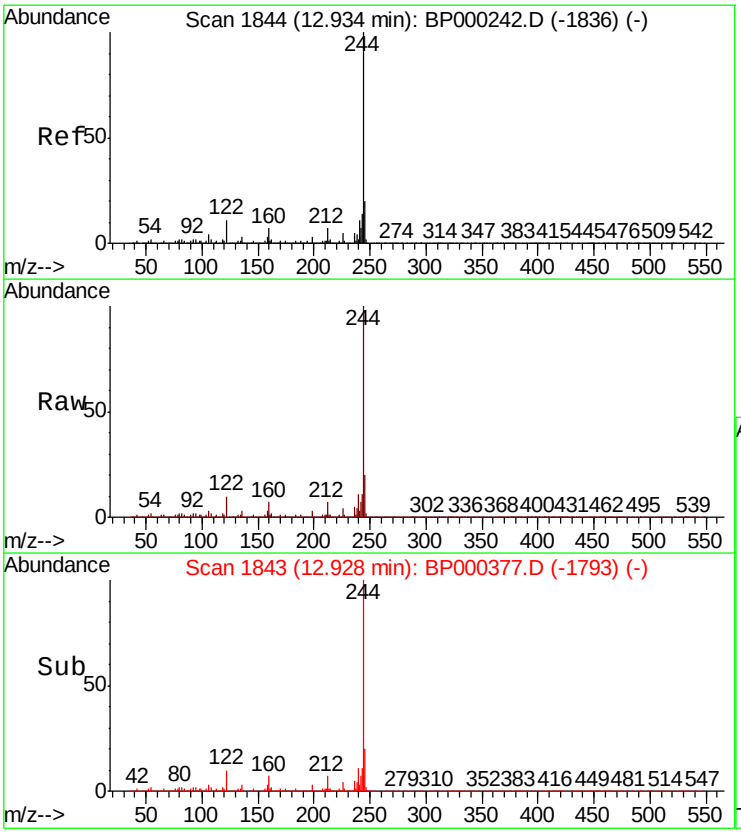
#78
Pyrene
Concen: 6.678 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 313980

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	17.3	14.3	21.5

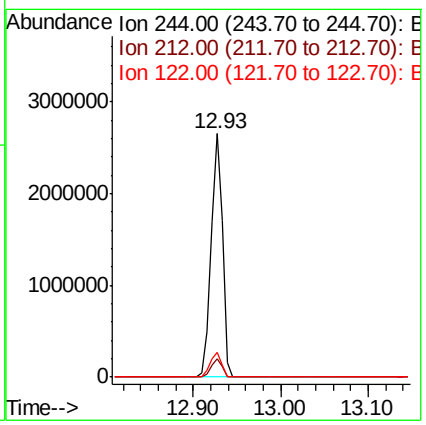


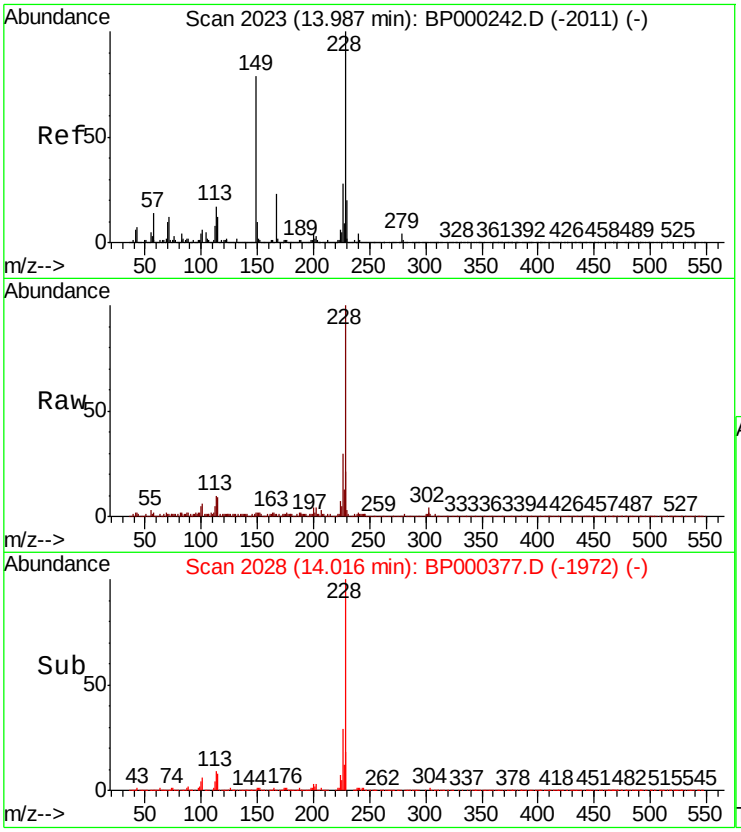


#79
Terphenyl-d14
Concen: 80.225 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:244 Resp: 2403296

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.2	9.0	13.4



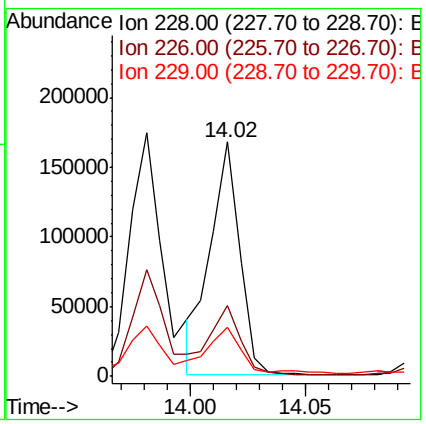


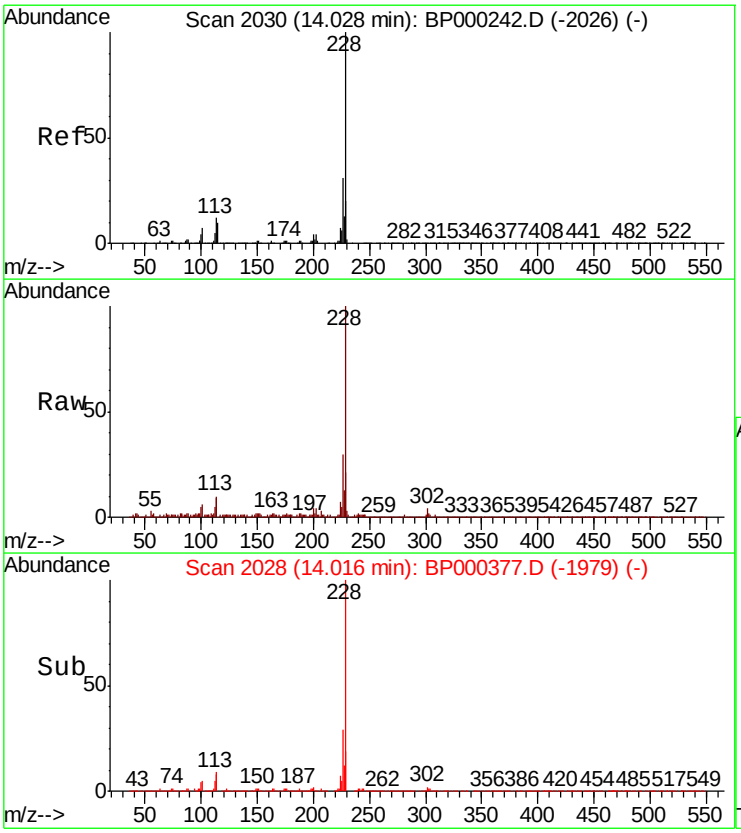
#81
Benzo(a)anthracene
Concen: 3.742 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.03 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 148549

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	21.2	16.0	24.0

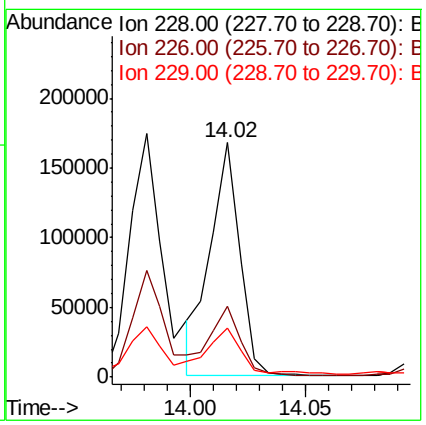


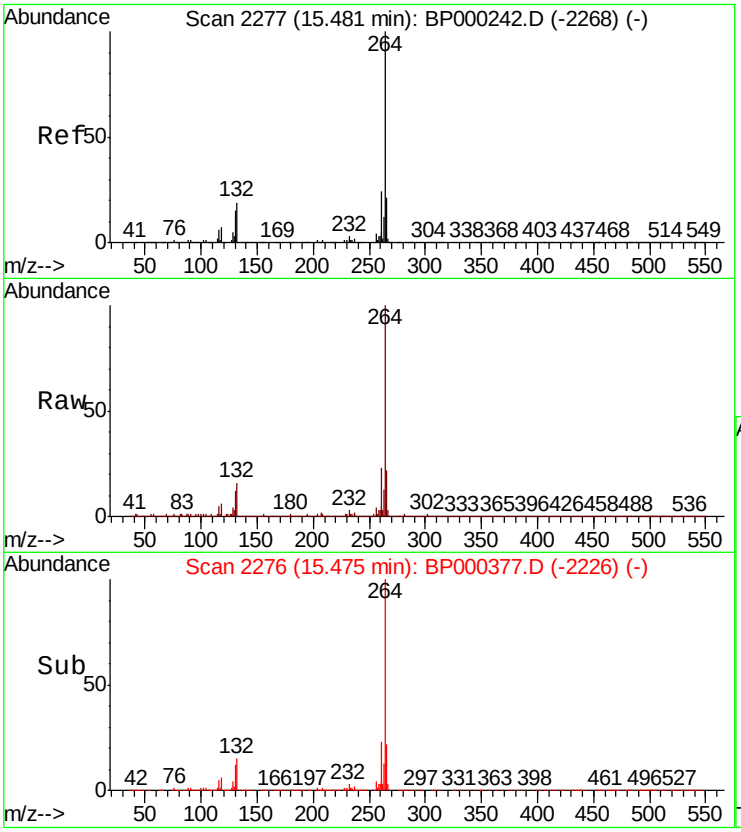


#83
Chrysene
Concen: 3.811 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:228 Resp: 148549

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.2	16.2	24.2



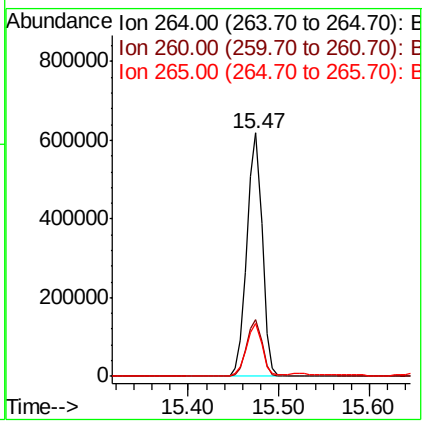


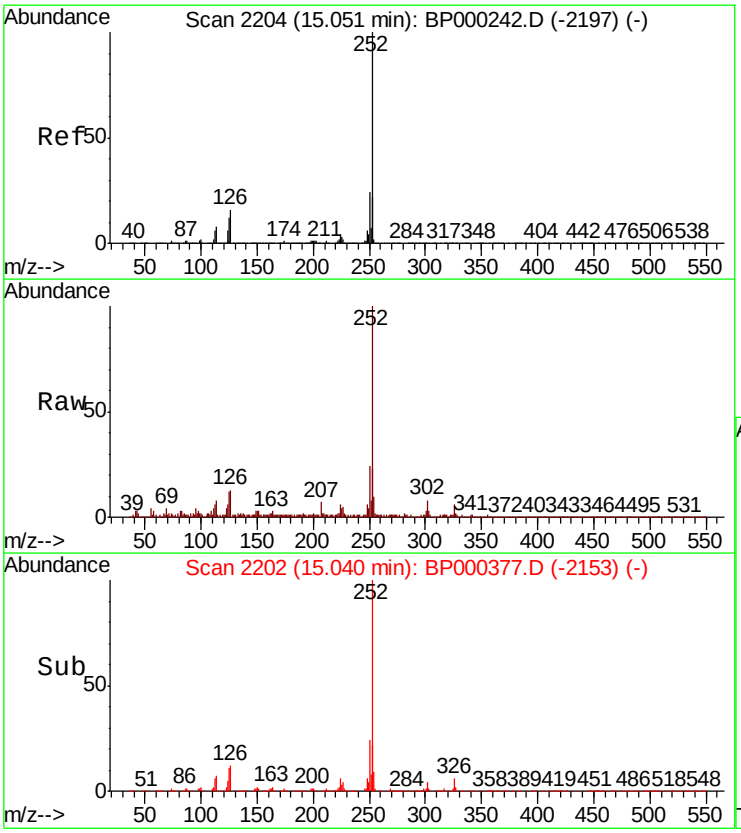
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 722776

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	17.2	25.8

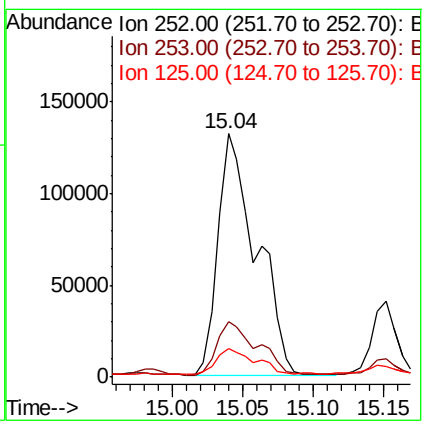


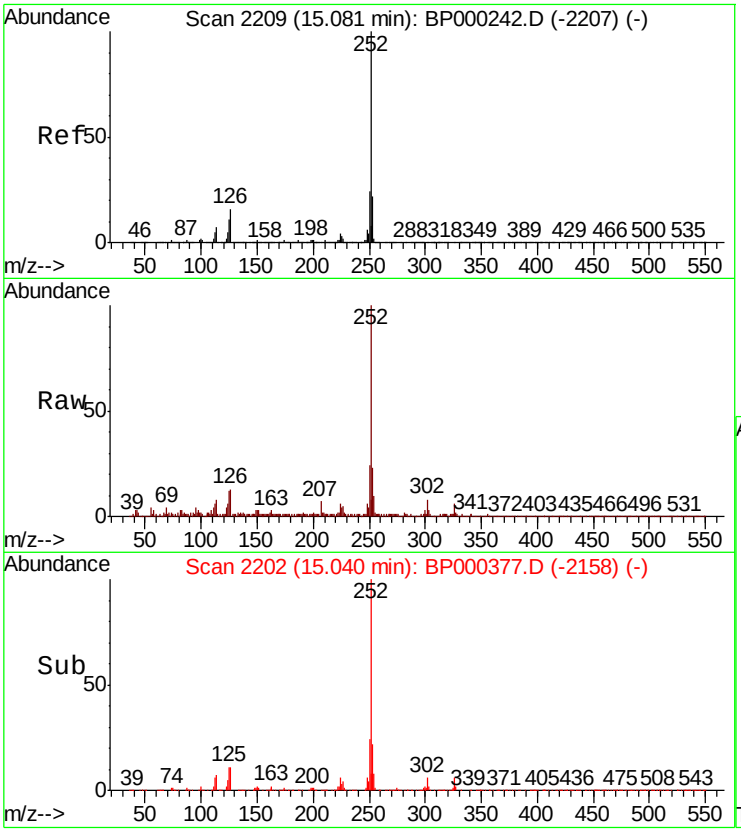


#88
Benzo(b)fluoranthene
Concen: 5.816 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:252 Resp: 250764

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.0	9.5	14.3



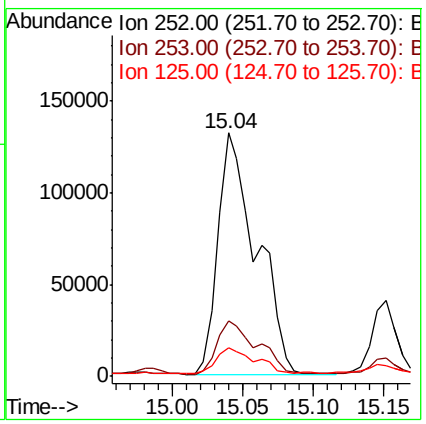


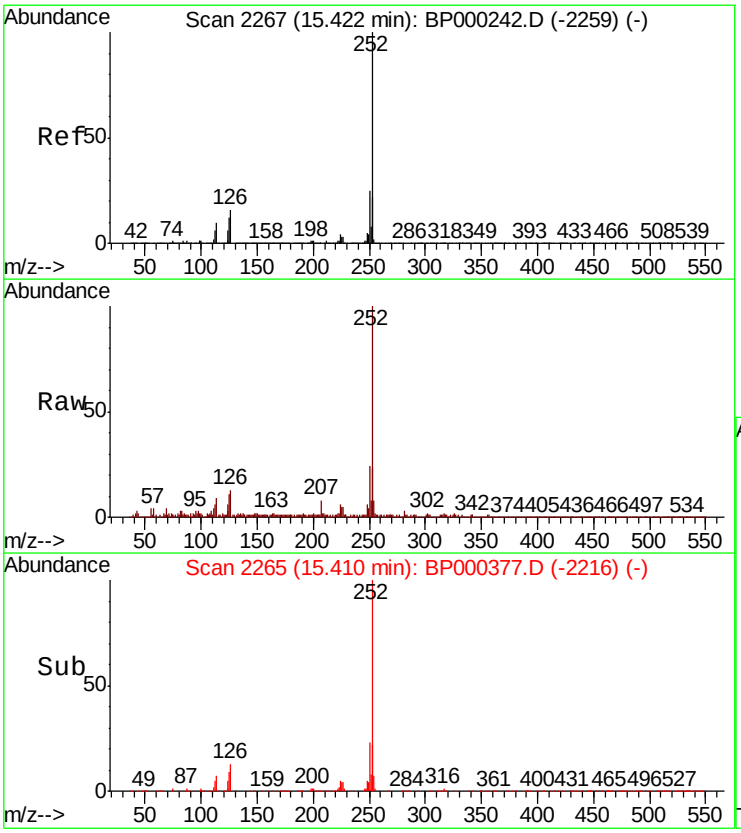
#89
Benzo(k)fluoranthene
Concen: 6.667 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 250764

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	12.0	9.6	14.4

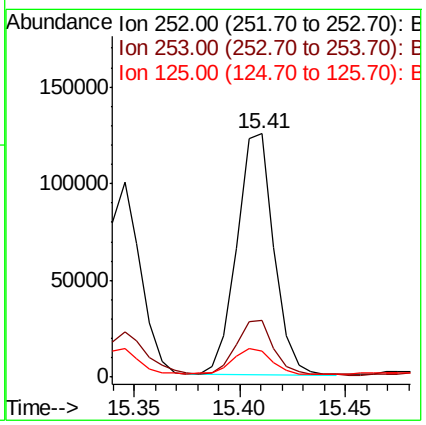


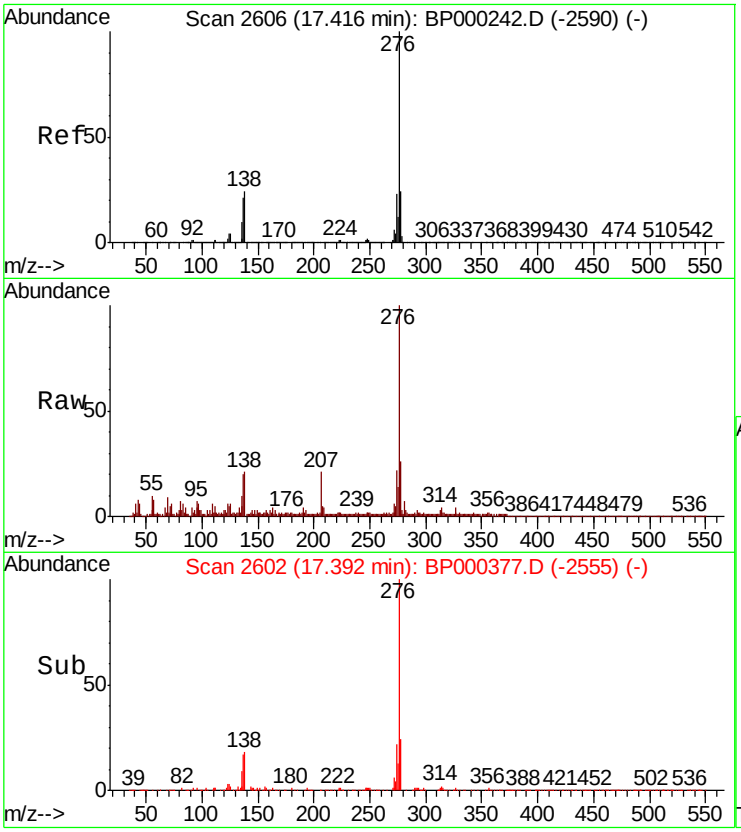


#90
Benzo(a)pyrene
Concen: 3.863 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Tgt Ion:252 Resp: 151559

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.5	10.0	15.0





#92
Benzo(g,h,i)perylene
Concen: 2.585 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BP000377.D
Acq: 23 Sep 2019 21:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 97210

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.1	28.7
138	20.8	19.5	29.3