Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000269.D
Acq On : 17 Sep 2019 13:48
Operator : HP/JU
Sample : K4897-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052

Quant Time: Sep 18 12:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	295230	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1011127	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	561517	20.00	ng		0.01
64) Phenanthrene-d10	11.36	188	913480	20.00	ng		0.04
76) Chrysene-d12	14.13	240	96326	20.00	ng		0.13
87) Perylene-d12	15.63	264	235177	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1786508	104.47	ng		0.01
7) Phenol-d6	6.43	99	2265839	108.09	ng		0.00
23) Nitrobenzene-d5	7.35	82	1086689	69.34	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	689523	123.80	ng		0.02
45) 2-Fluorobiphenyl	9.15	172	3030008	97.12	ng		0.00
79) Terphenyl-d14	13.02	244	800392	174.31	ng		0.08
Target Compounds							Qvalue
10) Phenol	6.44	94	126061	5.293	ng		98
37) 2-Methylnaphthalene	8.79	142	325183	10.158	ng		99
38) 1-Methylnaphthalene	8.89	142	178402	5.949	ng		99
50) Dimethylphthalate	9.55	163	227393	5.944	ng		99
66) n-Nitrosodiphenylamine	10.50	169	77818	2.830	ng		98
71) Phenanthrene	11.40	178	158793	3.469	ng	#	59
86) Indeno(1,2,3-cd)pyrene	17.10	276	40797	5.602	ng	#	67

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

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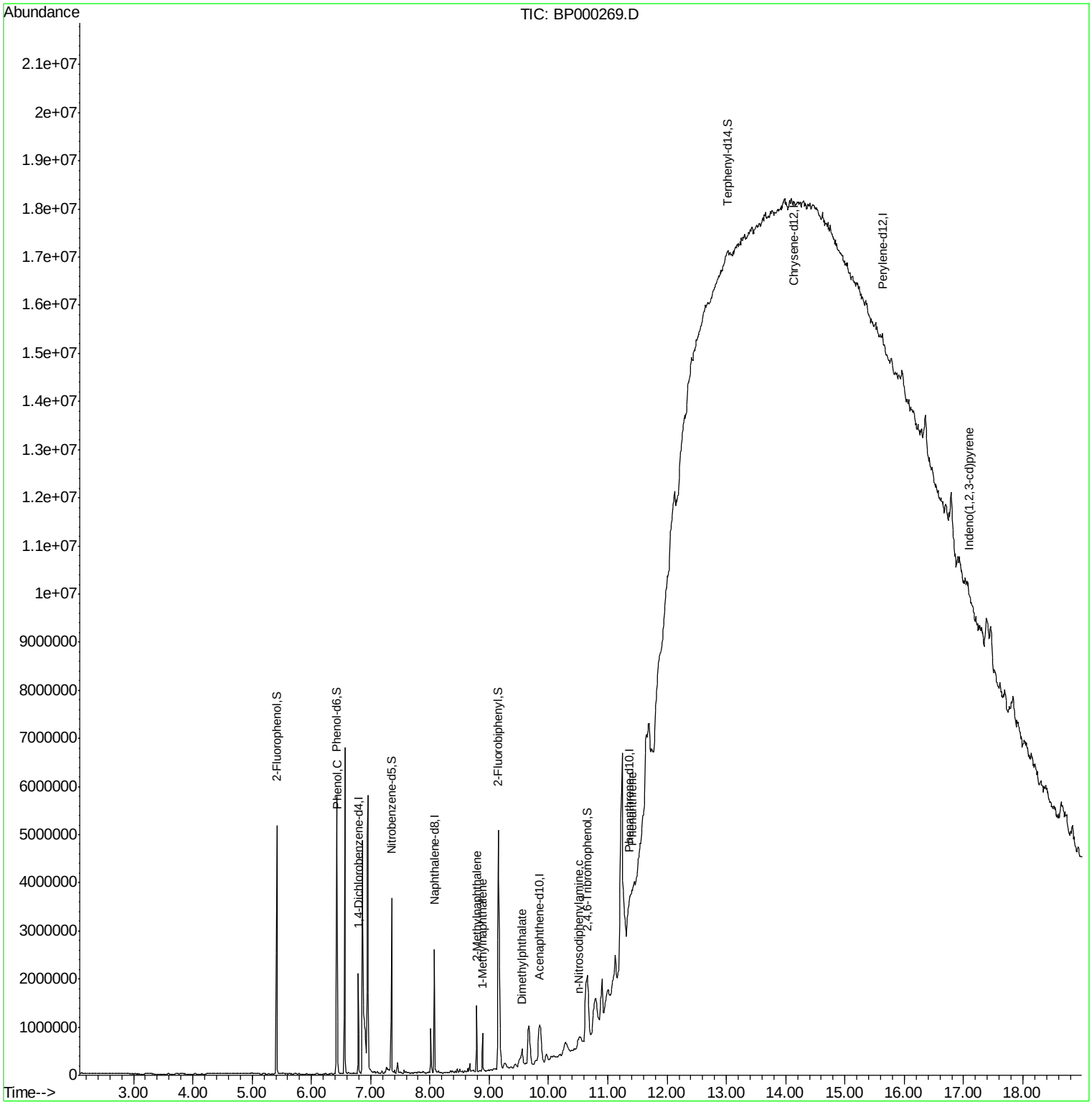
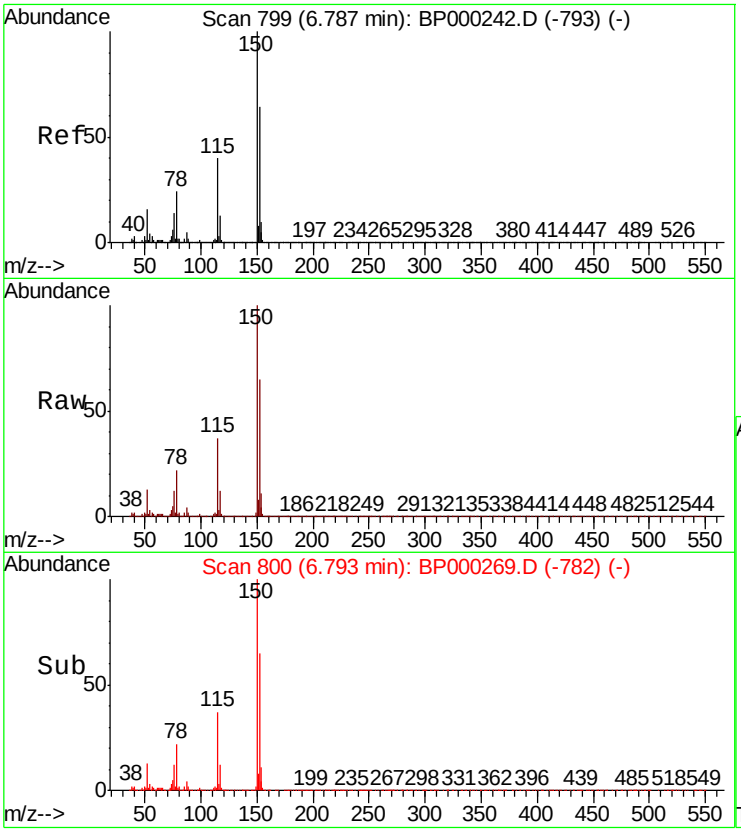


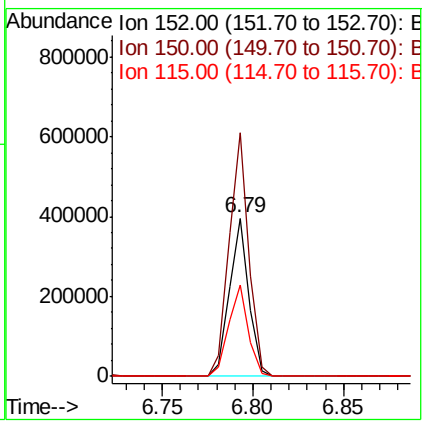


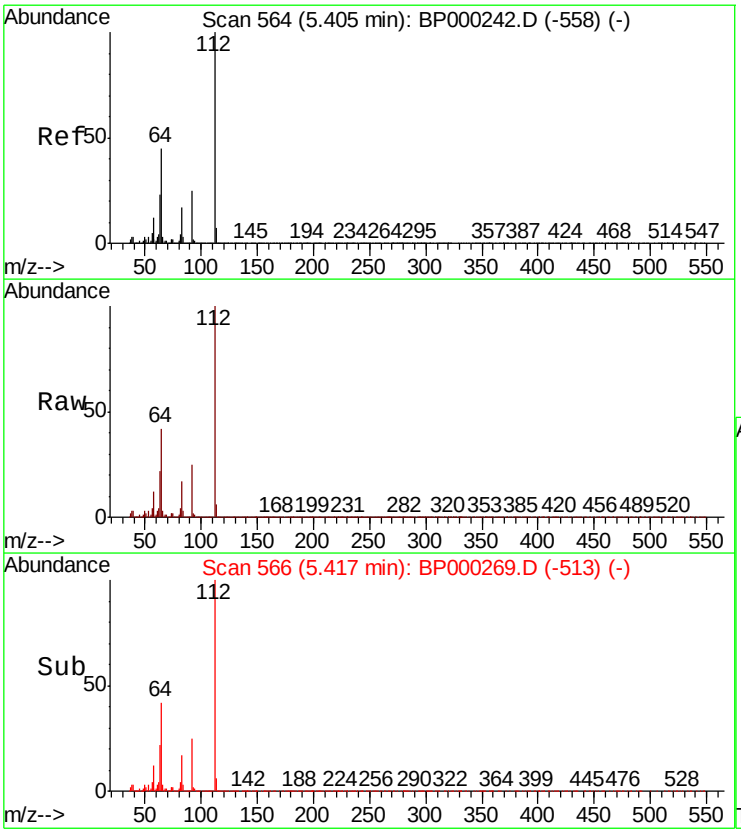
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 295230

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.2	187.8
115	57.8	49.7	74.5

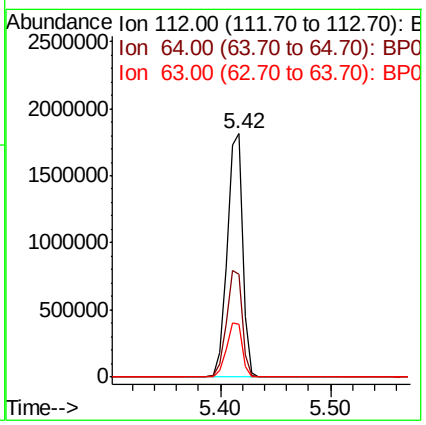


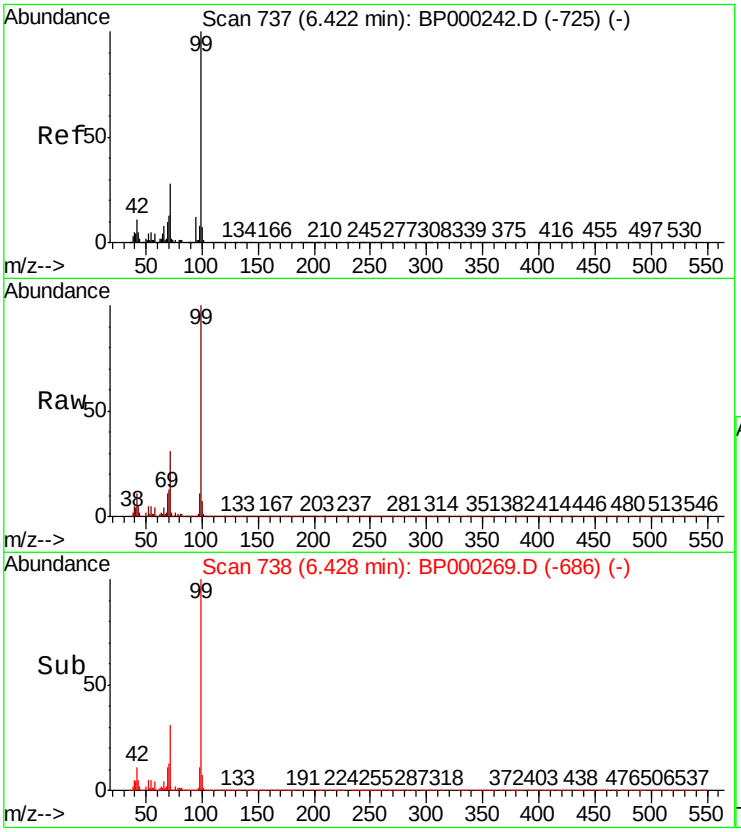


#5
2-Fluorophenol
Concen: 104.466 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:112 Resp: 1786508

Ion	Ratio	Lower	Upper
112	100		
64	42.4	36.2	54.4
63	21.6	18.3	27.5



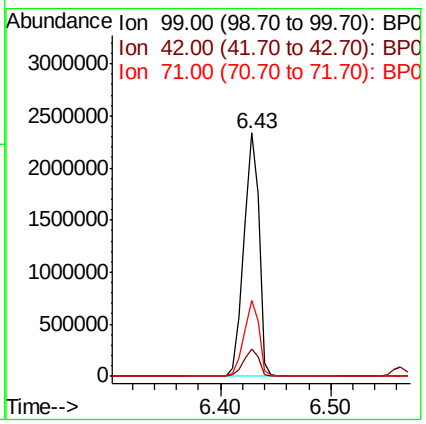


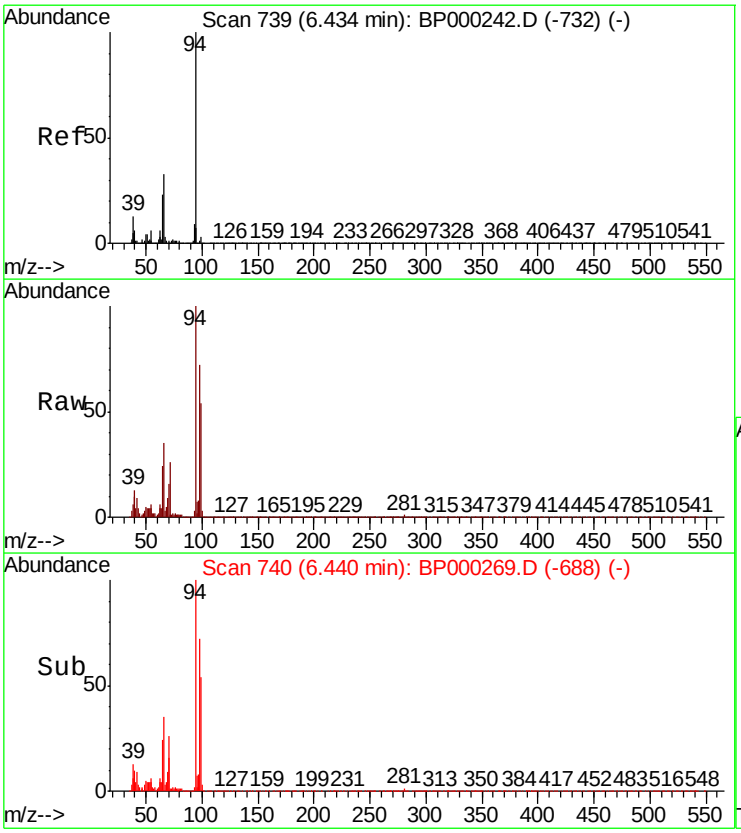
#7
Phenol-d6
Concen: 108.089 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion: 99 Resp: 2265839

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.4	22.6	34.0

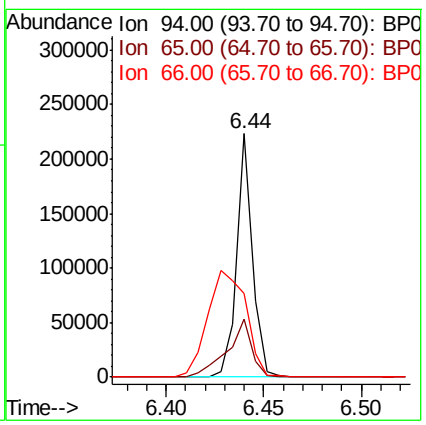


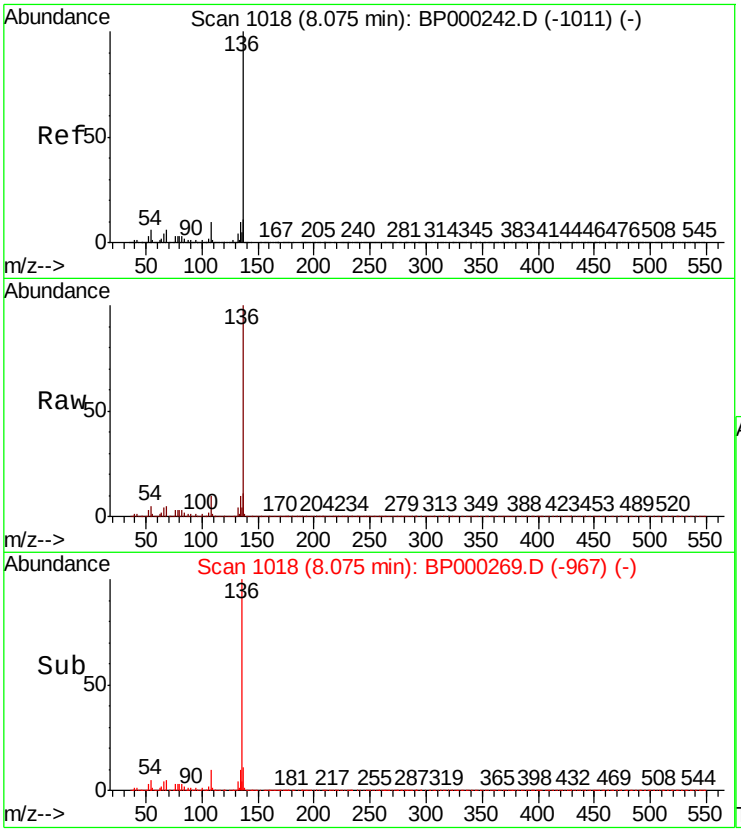


#10
Phenol
Concen: 5.293 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion: 94 Resp: 126061

Ion	Ratio	Lower	Upper
94	100		
65	23.6	3.3	43.3
66	34.6	12.7	52.7



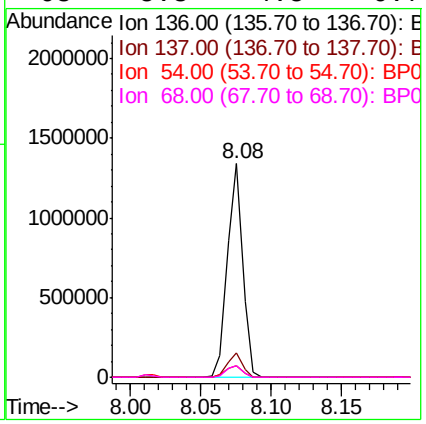


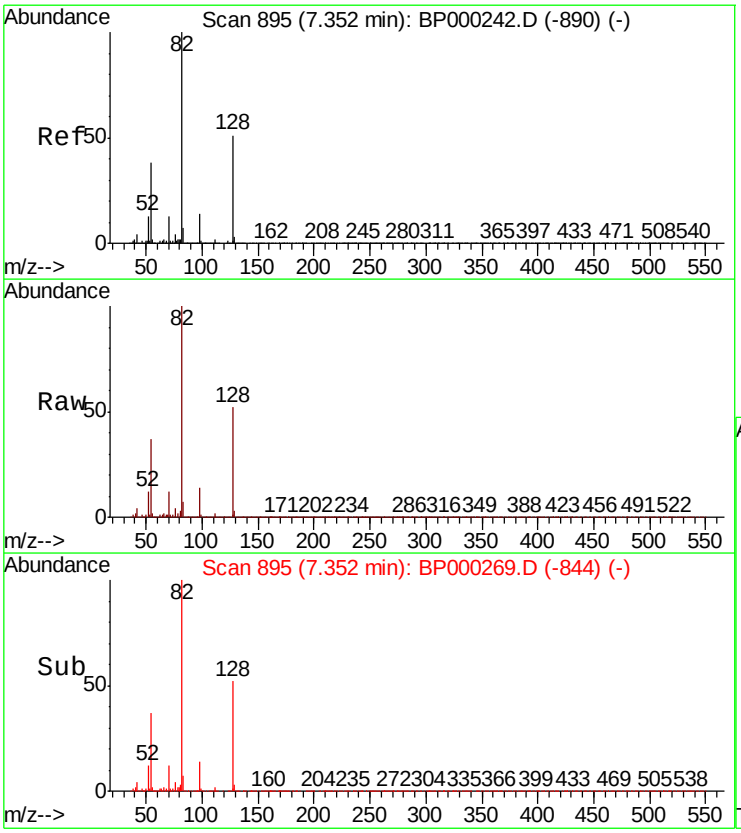
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:136 Resp: 1011127

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.3	4.5	6.7
68	5.3	4.5	6.7

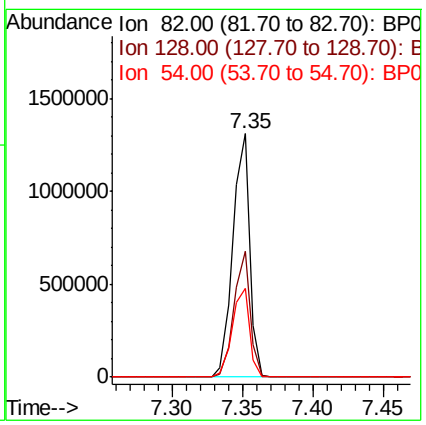


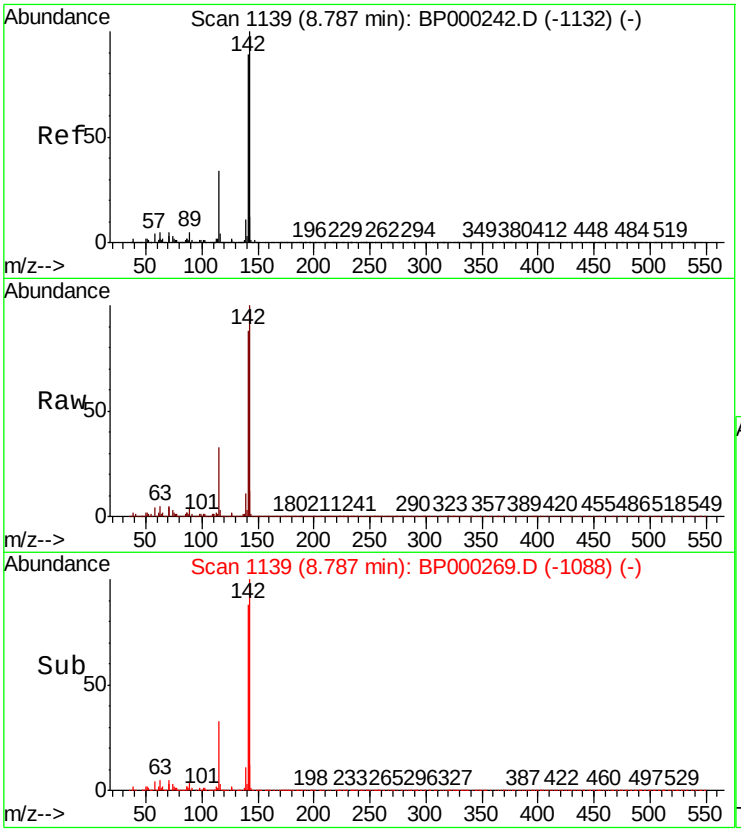


#23
Nitrobenzene-d5
Concen: 69.341 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion: 82 Resp: 1086689

Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.7	61.1
54	36.6	30.1	45.1



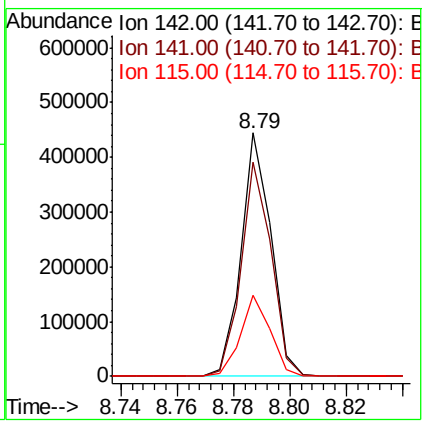


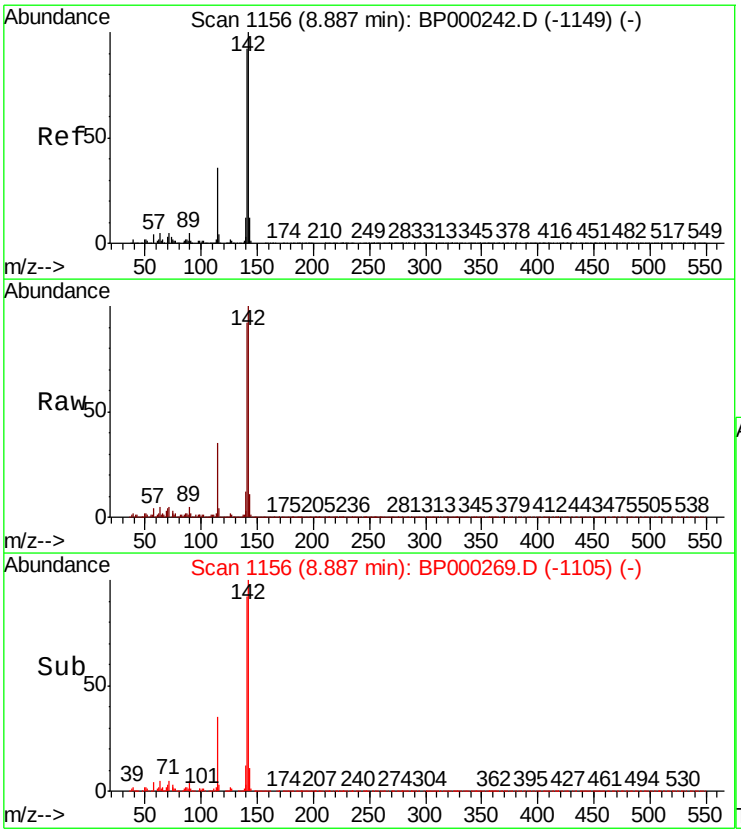
#37
2-Methylnaphthalene
Concen: 10.158 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:142 Resp: 325183

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	33.1	27.2	40.8

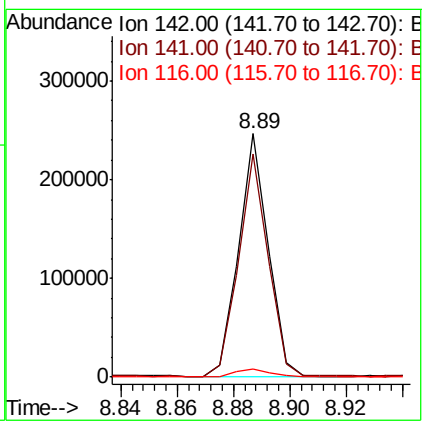


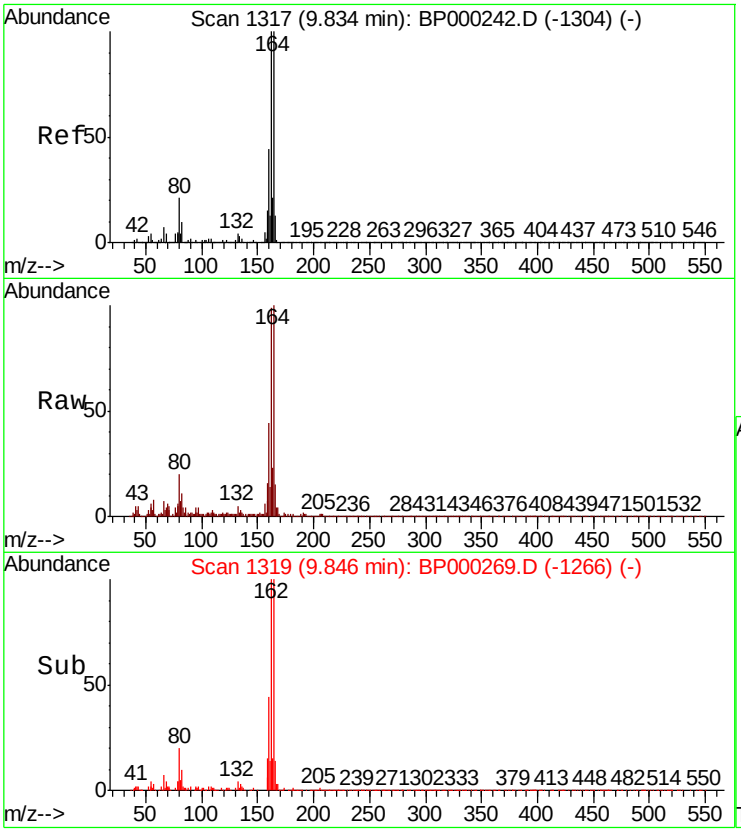


#38
1-Methylnaphthalene
Concen: 5.949 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:142 Resp: 178402

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.6	3.0	4.6



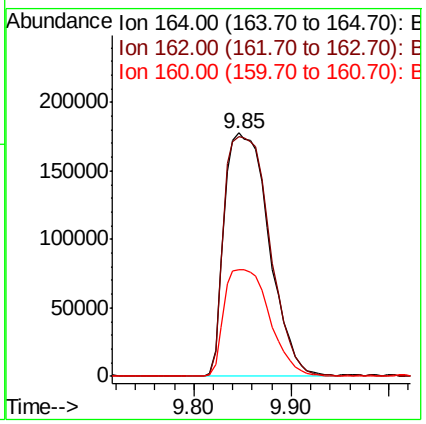


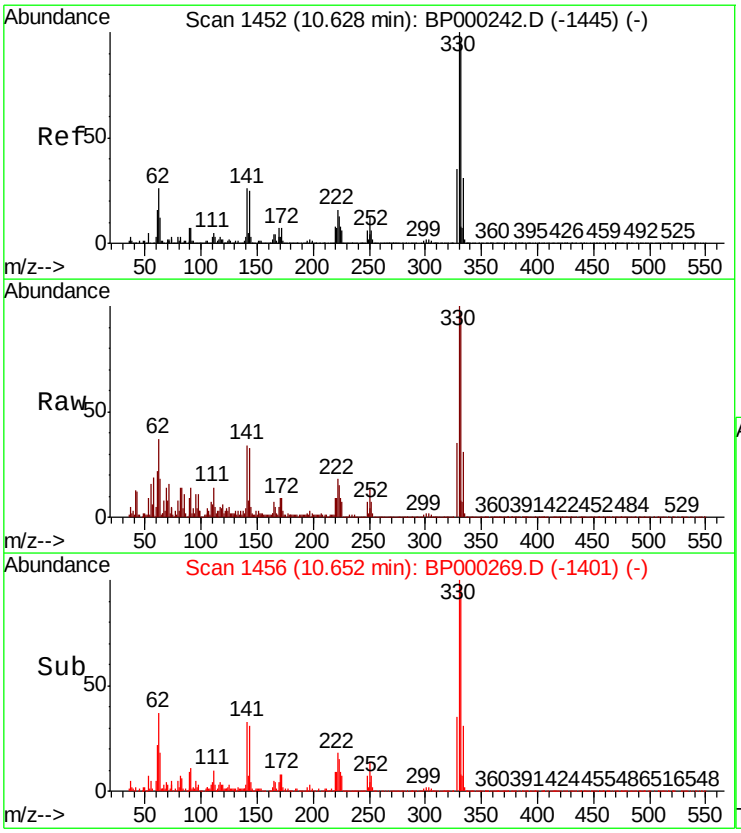
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:164 Resp: 561517

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	43.8	35.6	53.4

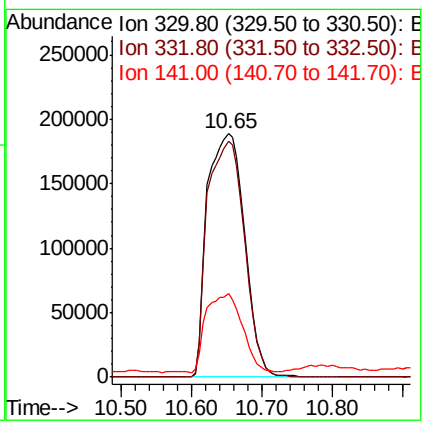


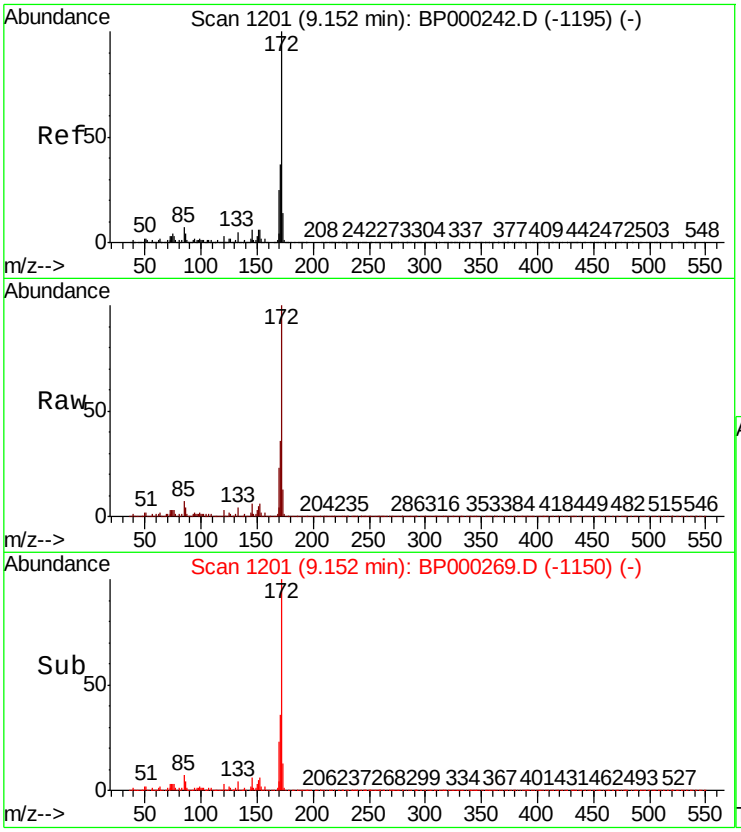


#42
2,4,6-Tribromophenol
Concen: 123.804 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:330 Resp: 689523

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	31.4	26.5	39.7



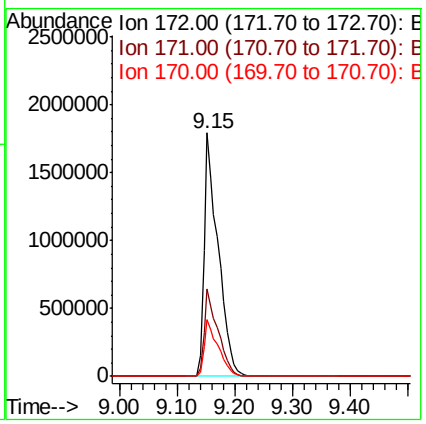


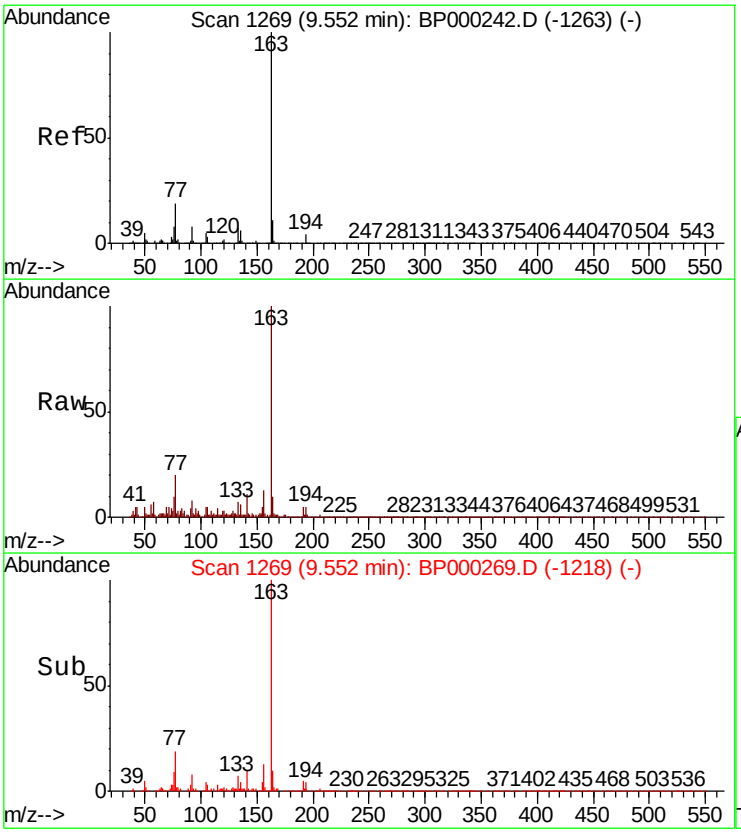
#45
2-Fluorobiphenyl
Concen: 97.120 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:172 Resp: 3030008

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	23.4	19.8	29.6

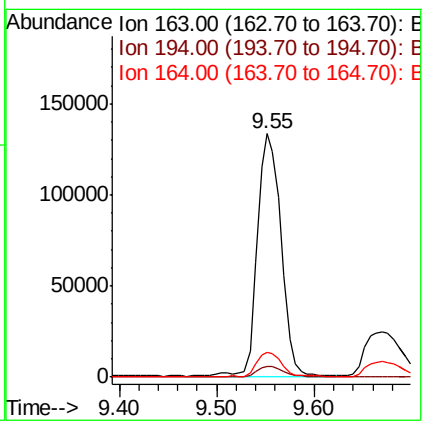


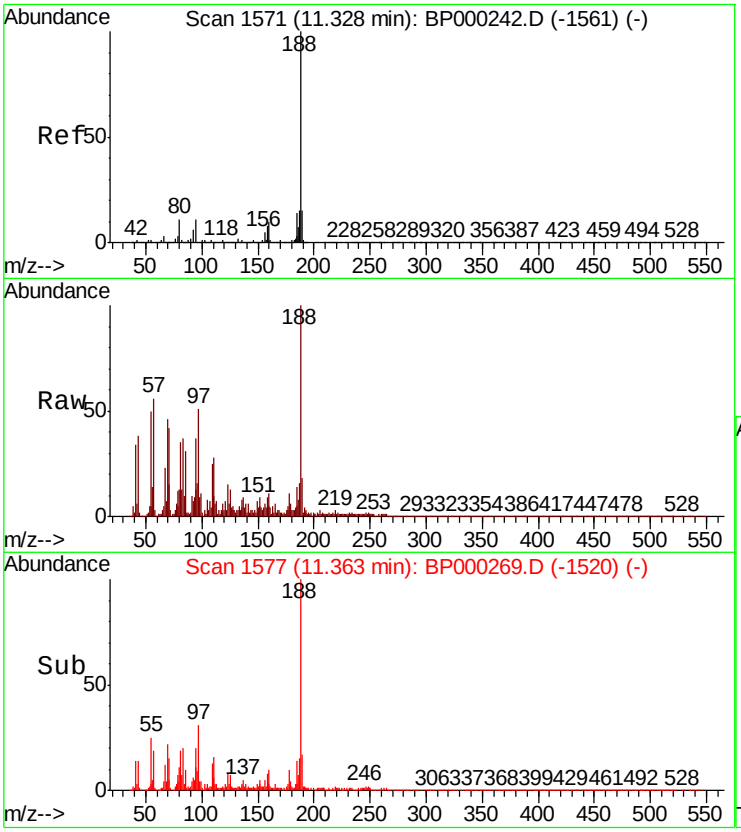


#50
Dimethylphthalate
Concen: 5.944 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:163 Resp: 227393

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.3	8.5	12.7



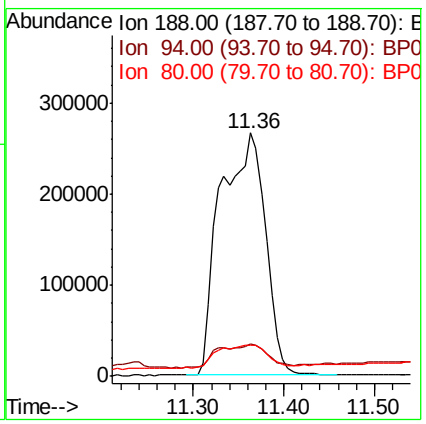


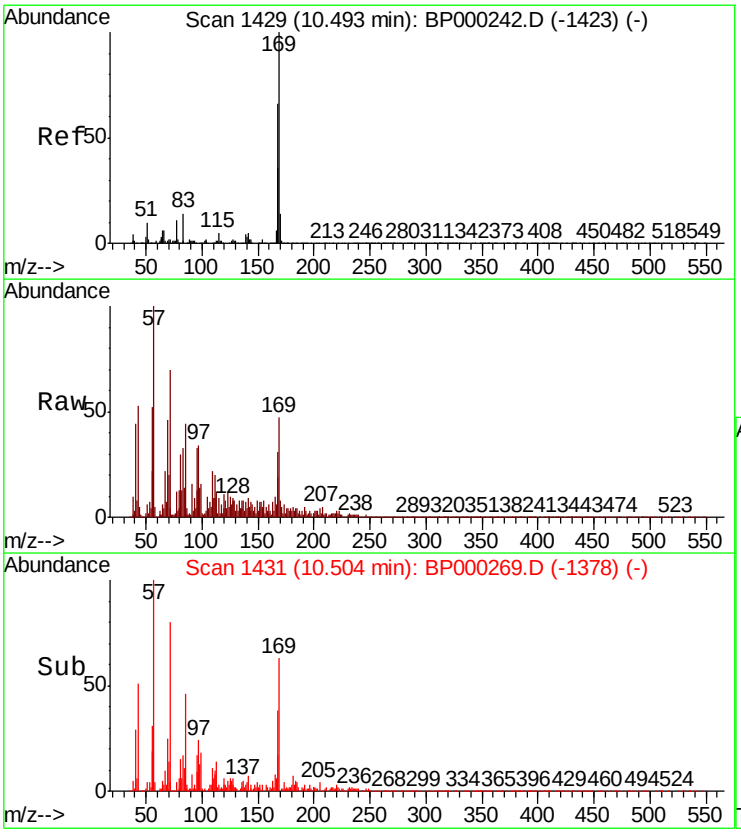
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.04 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:188 Resp: 913480

Ion	Ratio	Lower	Upper
188	100		
94	13.3	8.5	12.7#
80	13.0	8.6	13.0#

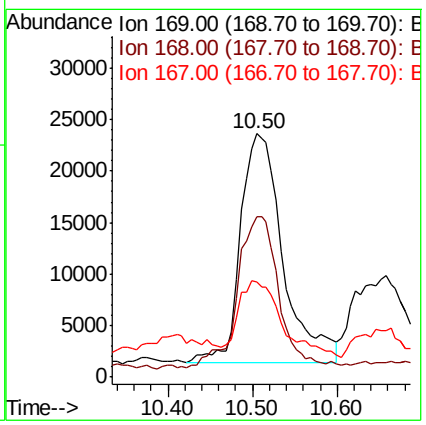


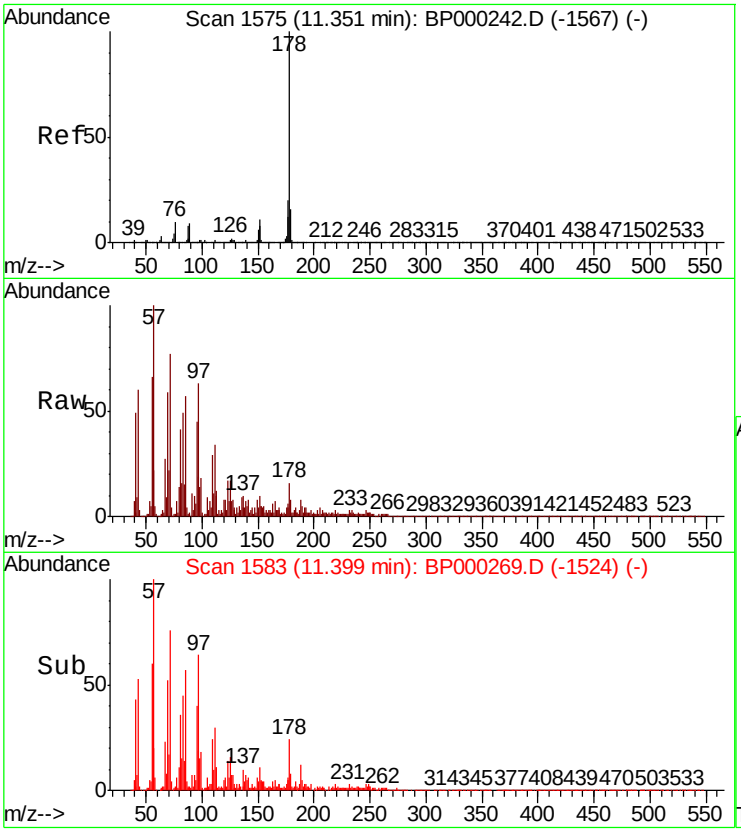


#66
n-Nitrosodiphenylamine
Concen: 2.830 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:169 Resp: 77818

Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.9	79.3
167	39.3	29.0	43.6



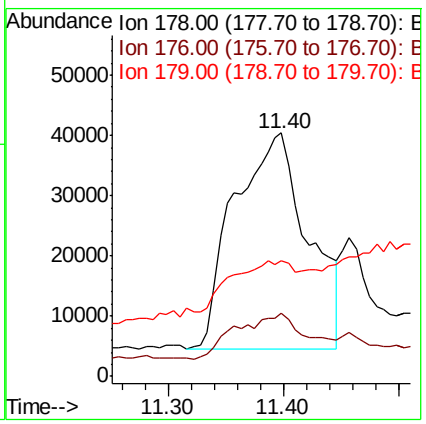


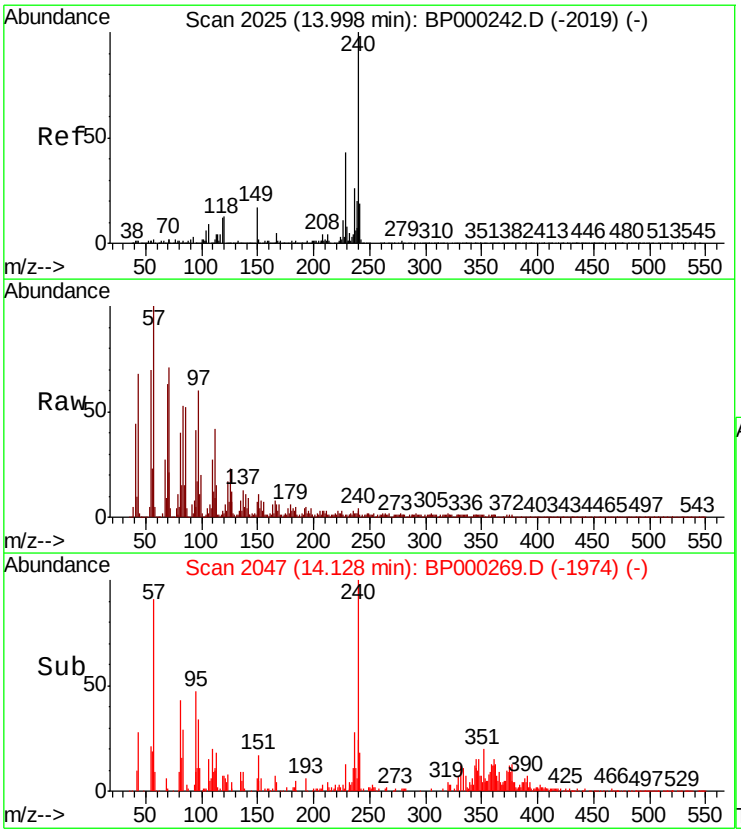
#71
Phenanthrene
Concen: 3.469 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.05 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:178 Resp: 158793

Ion	Ratio	Lower	Upper
178	100		
176	25.8	15.8	23.8#
179	47.7	12.7	19.1#

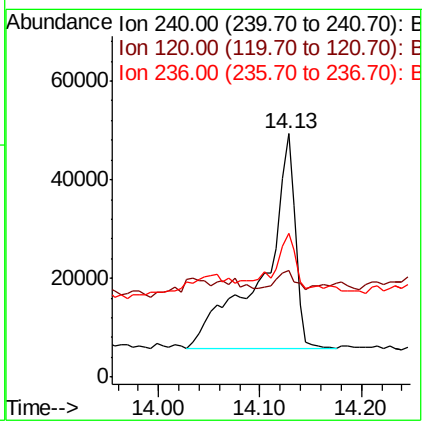


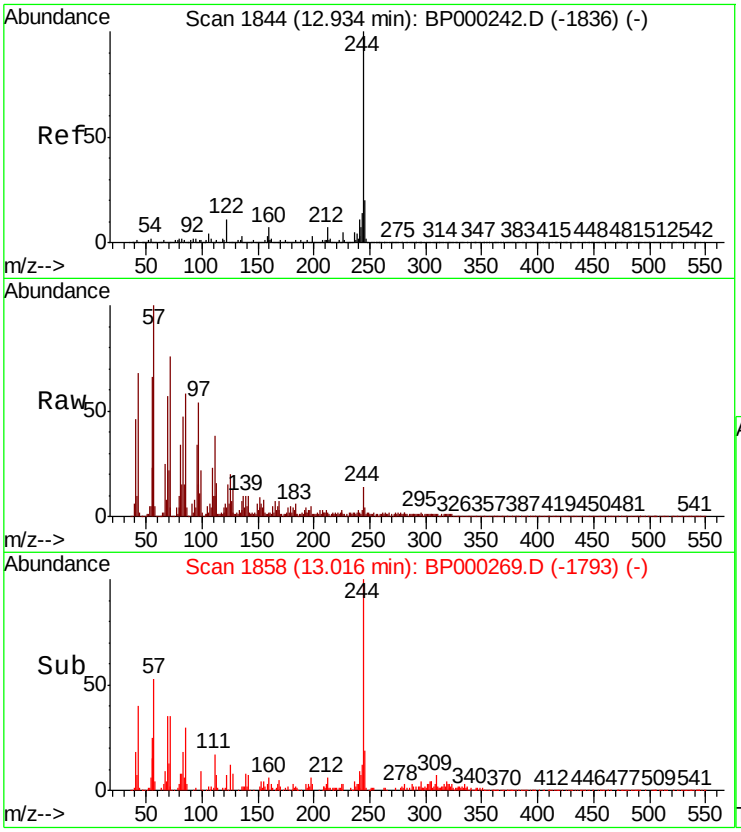


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.13 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:240 Resp: 96326

Ion	Ratio	Lower	Upper
240	100		
120	43.7	10.4	15.6#
236	59.2	21.0	31.6#



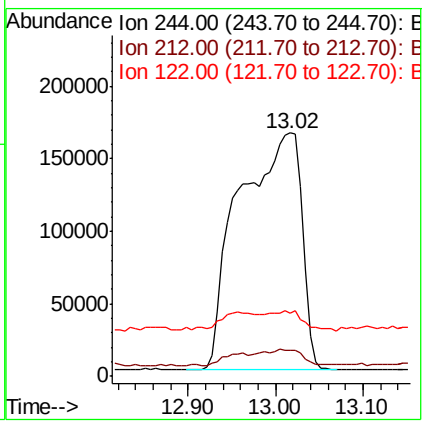


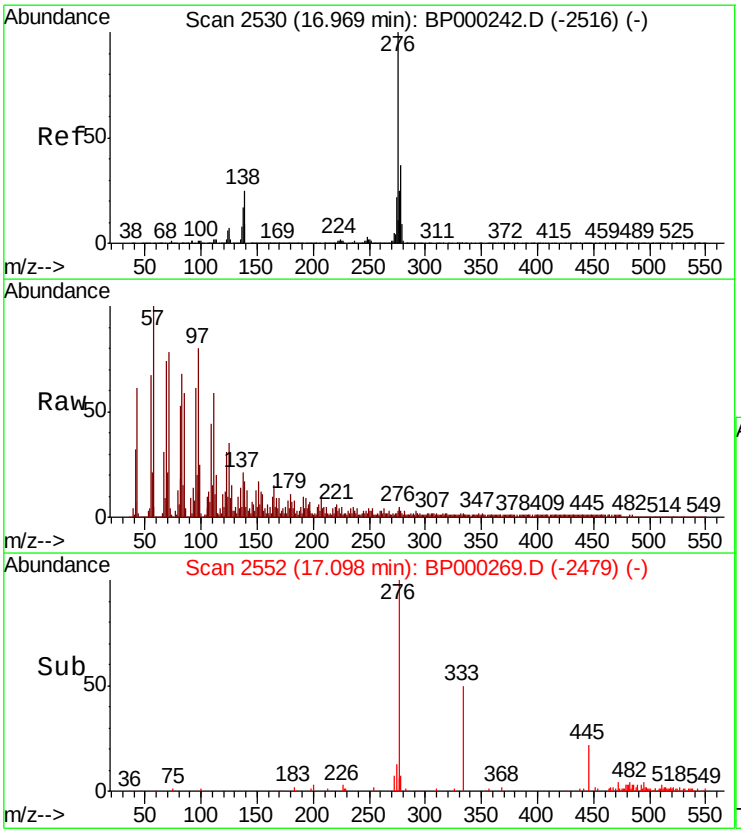
#79
Terphenyl-d14
Concen: 174.314 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.08 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:244 Resp: 800392

Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.9	8.9#
122	26.0	9.0	13.4#

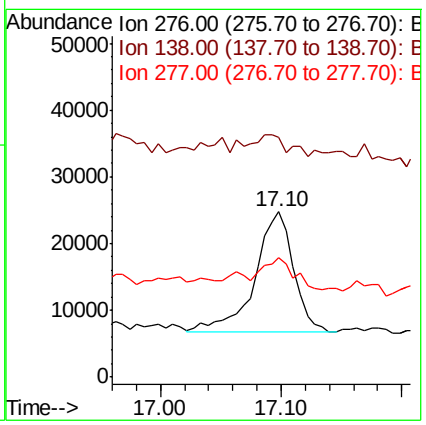


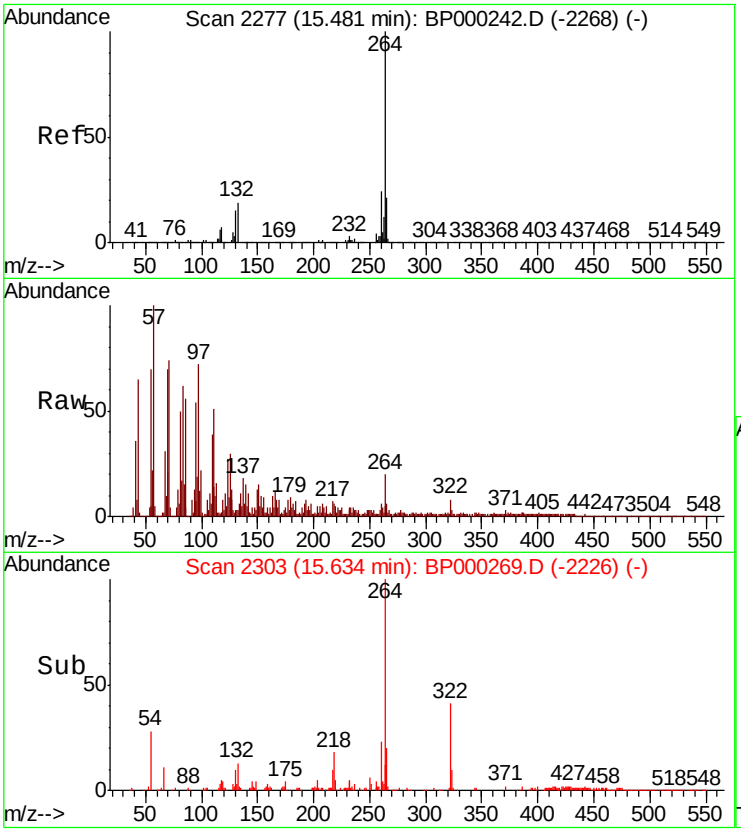


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.602 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.13 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Tgt Ion:276 Resp: 40797

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.6	33.8#
277	20.5	20.4	30.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.15 min
Lab File: BP000269.D
Acq: 17 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
RBR-200052

Tgt Ion:264 Resp: 235177

Ion	Ratio	Lower	Upper
264	100		
260	27.7	18.9	28.3
265	28.2	17.2	25.8#