Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000896.D
Acq On : 18 Oct 2019 23:28
Operator : JU
Sample : K5420-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Time: Oct 19 06:11:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	150109	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	535596	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	295608	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	550603	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499824	20.00	ng	0.00
87) Perylene-d12	15.43	264	573139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1107633	118.61	ng	0.00
7) Phenol-d6	6.39	99	1410143	125.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	769635	87.76	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	454650	144.33	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1662581	91.00	ng	0.00
79) Terphenyl-d14	12.89	244	2084500	84.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.40	94	35781	3.106	ng	88
50) Dimethylphthalate	9.50	163	382324	18.613	ng	99

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

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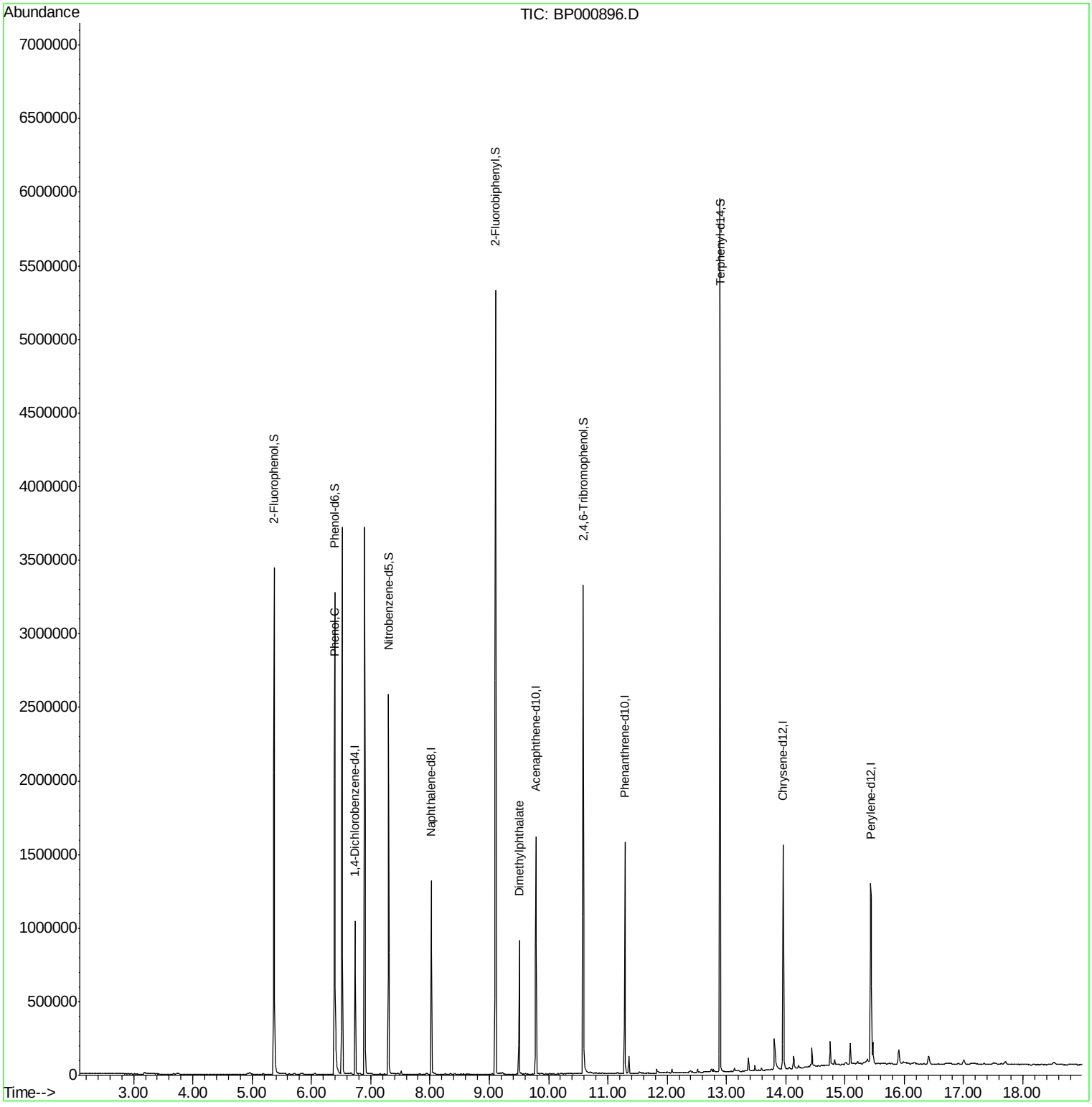
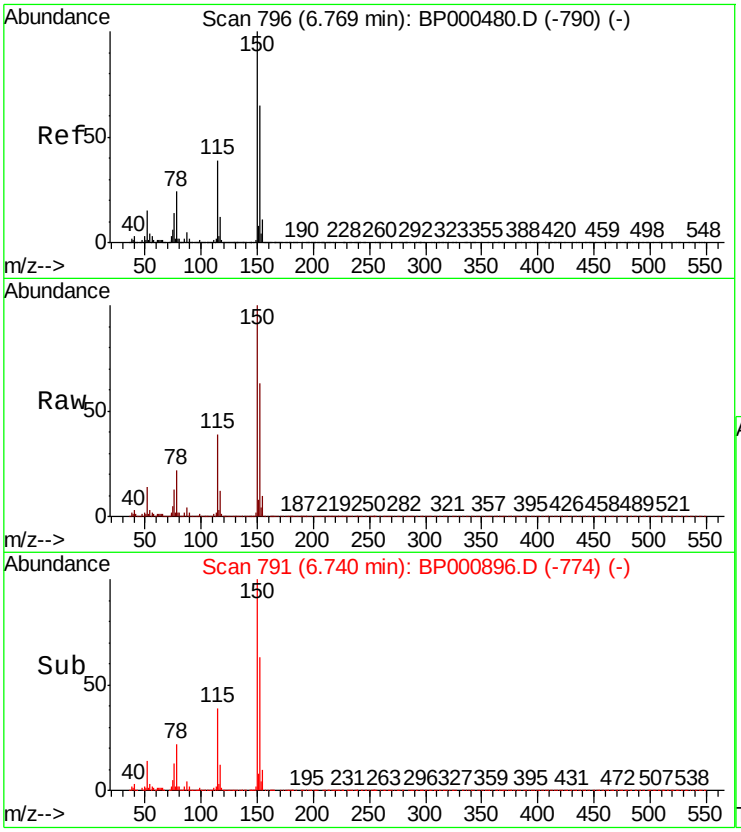


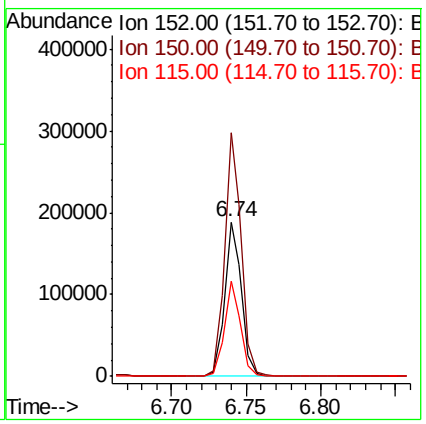


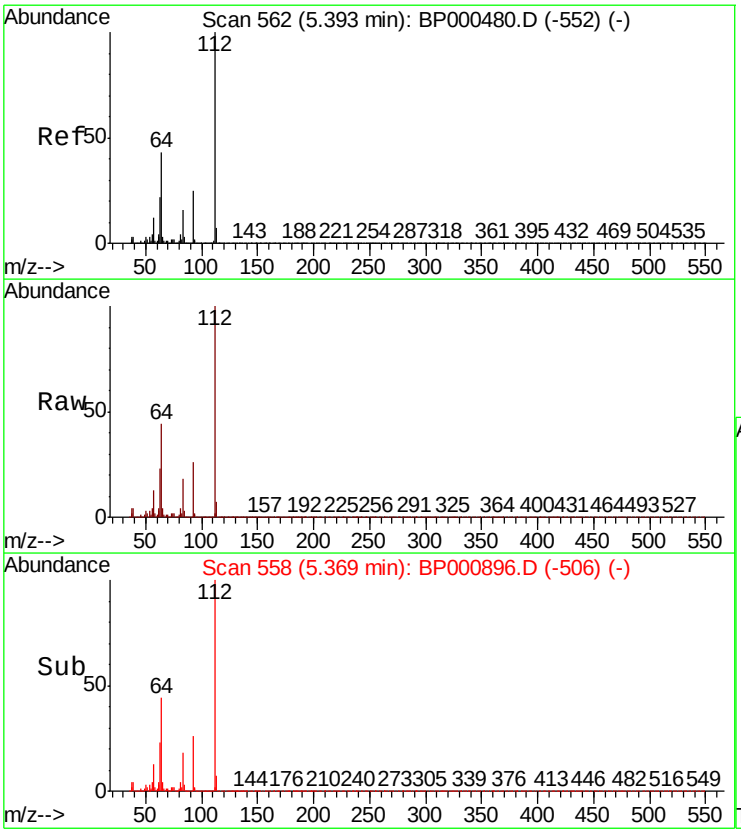
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 150109

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.8
115	61.5	46.8	70.2

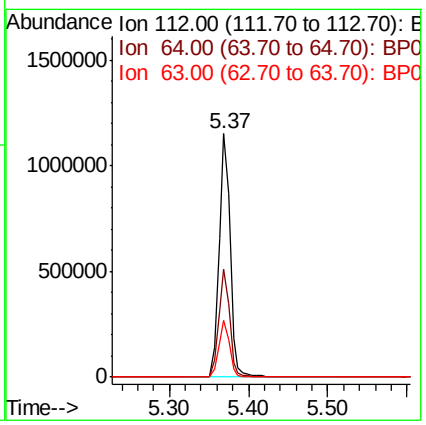


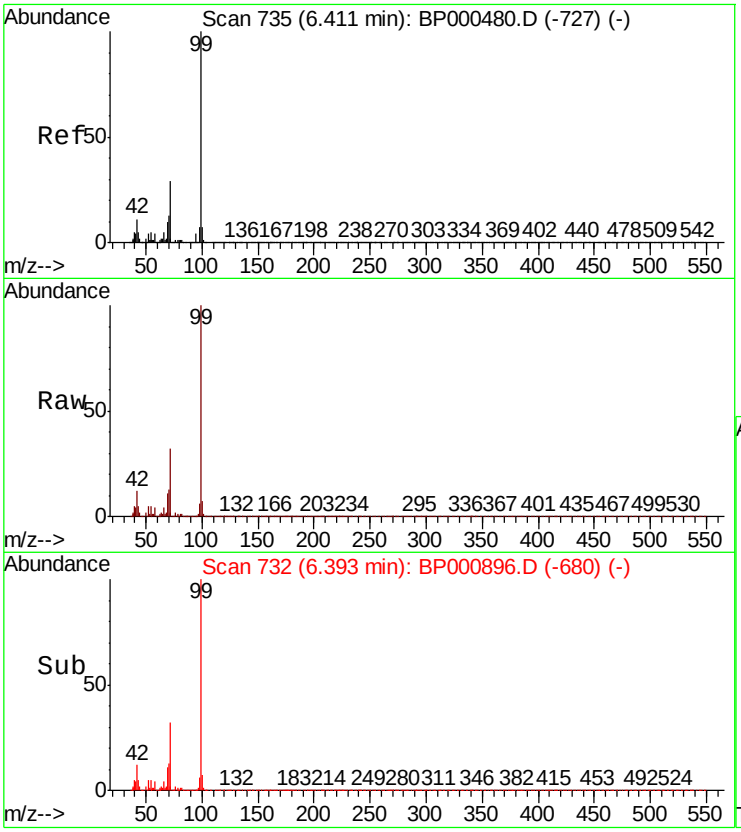


#5
2-Fluorophenol
Concen: 118.611 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:112 Resp: 1107633

Ion	Ratio	Lower	Upper
112	100		
64	44.5	33.9	50.9
63	23.5	17.4	26.0



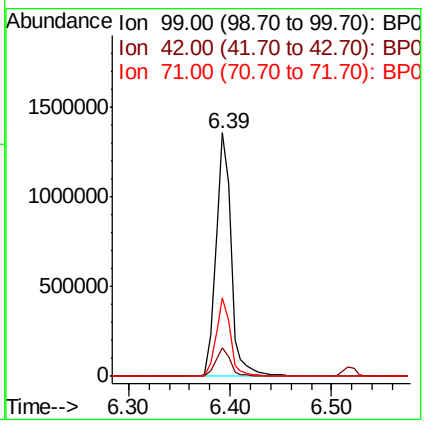


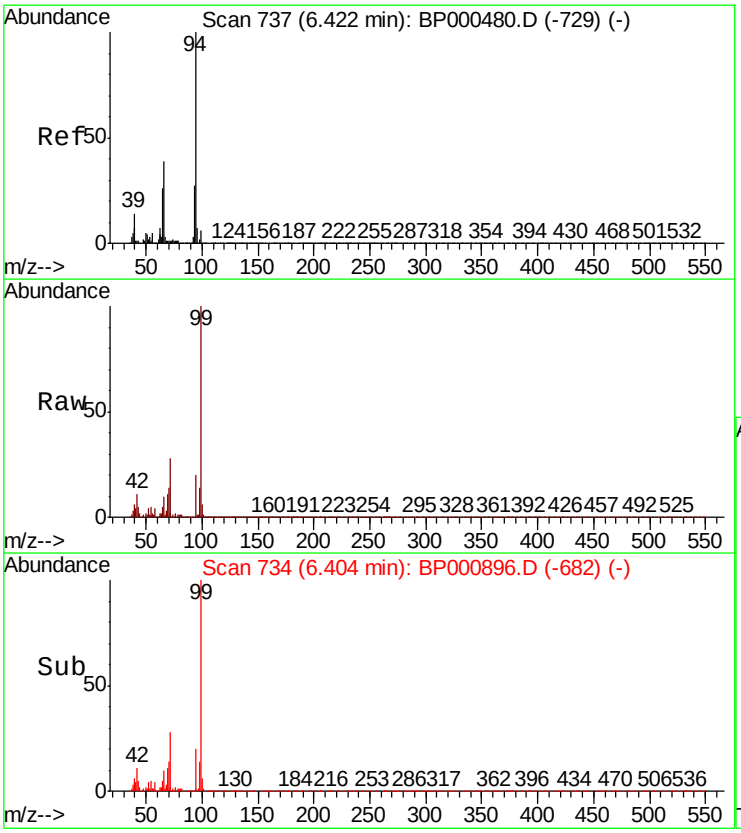
#7
Phenol-d6
Concen: 125.311 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1410143

Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.7	13.1
71	32.0	24.1	36.1

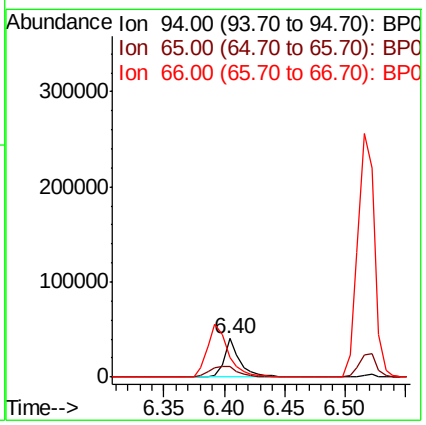


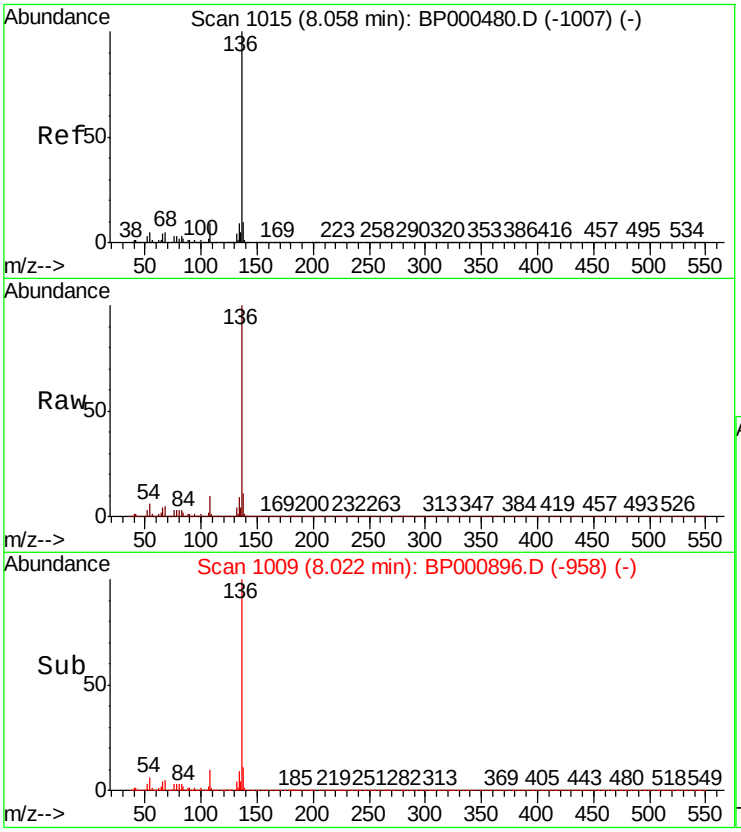


#10
Phenol
Concen: 3.106 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion: 94 Resp: 35781

Ion	Ratio	Lower	Upper
94	100		
65	26.8	14.6	54.6
66	51.0	39.2	79.2



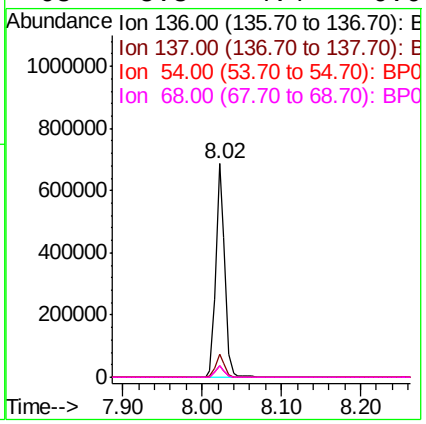


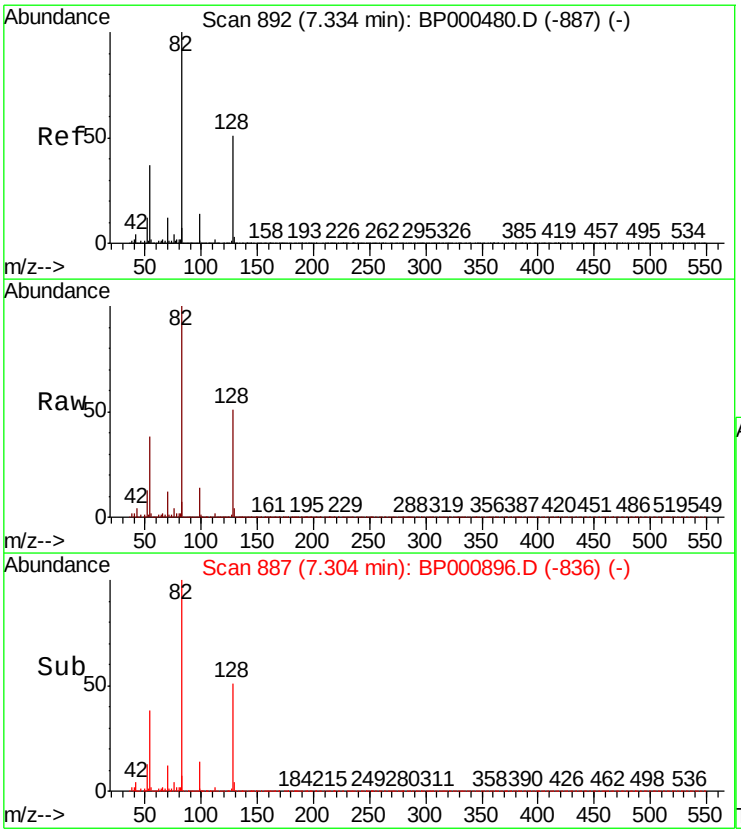
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 535596

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.7	4.6	6.8
68	5.3	4.4	6.6

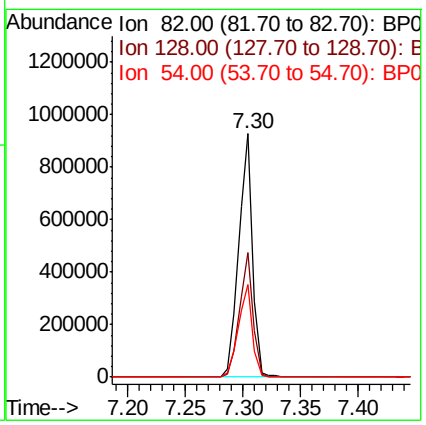


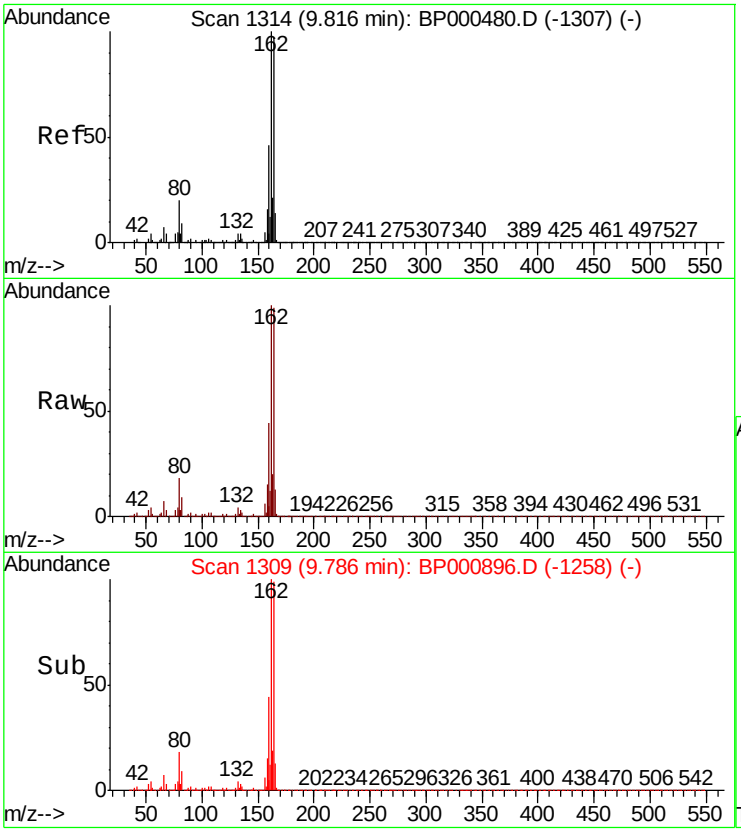


#23
Nitrobenzene-d5
Concen: 87.763 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion: 82 Resp: 769635

Ion	Ratio	Lower	Upper
82	100		
128	51.1	41.2	61.8
54	38.2	30.6	45.8



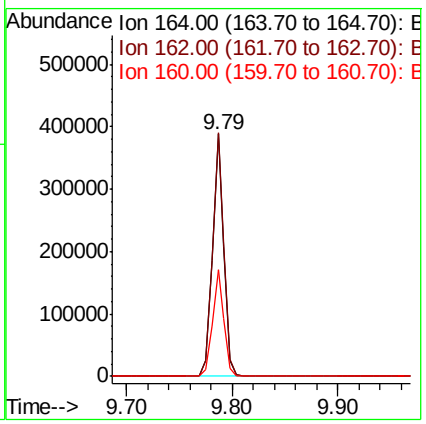


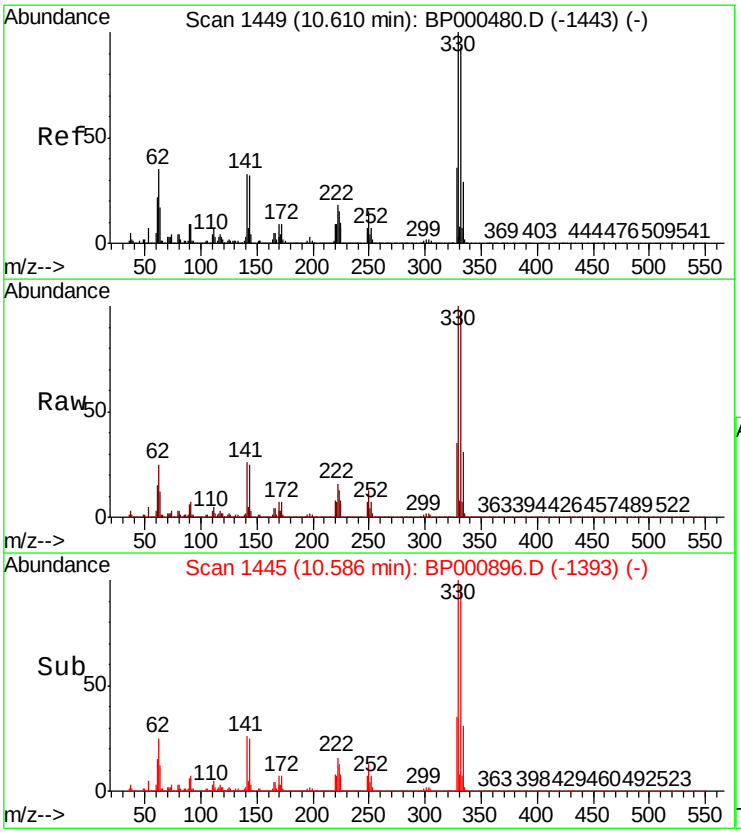
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 295608

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	121.0
160	44.2	35.4	53.2

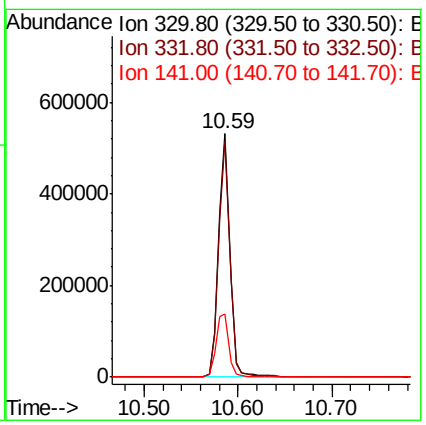


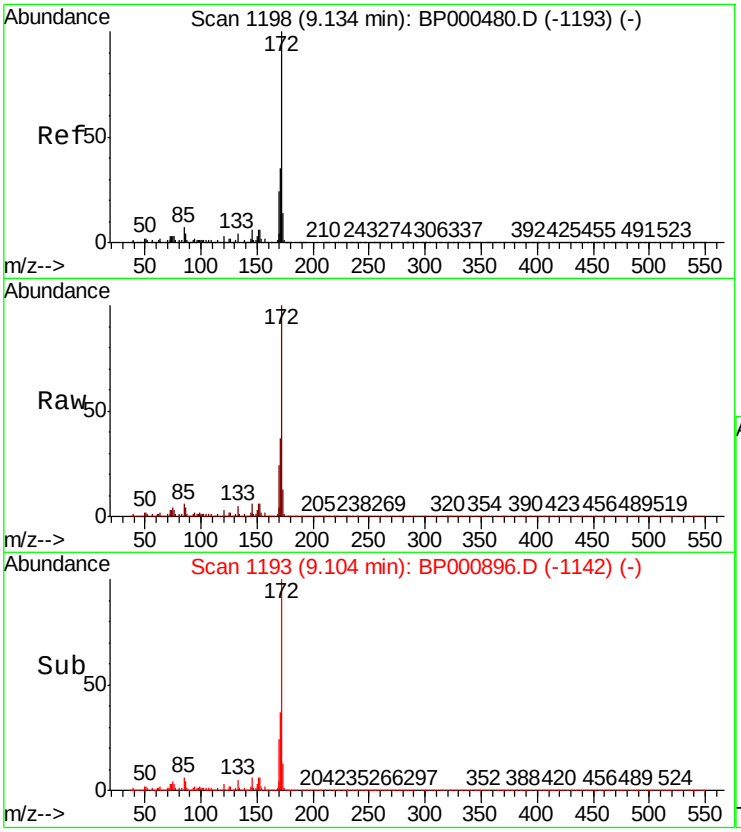


#42
2,4,6-Tribromophenol
Concen: 144.331 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:330 Resp: 454650

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.4
141	29.5	23.7	35.5



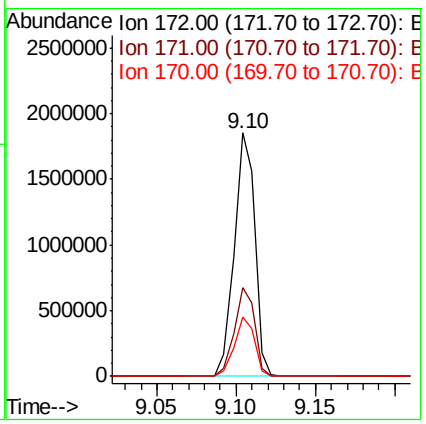


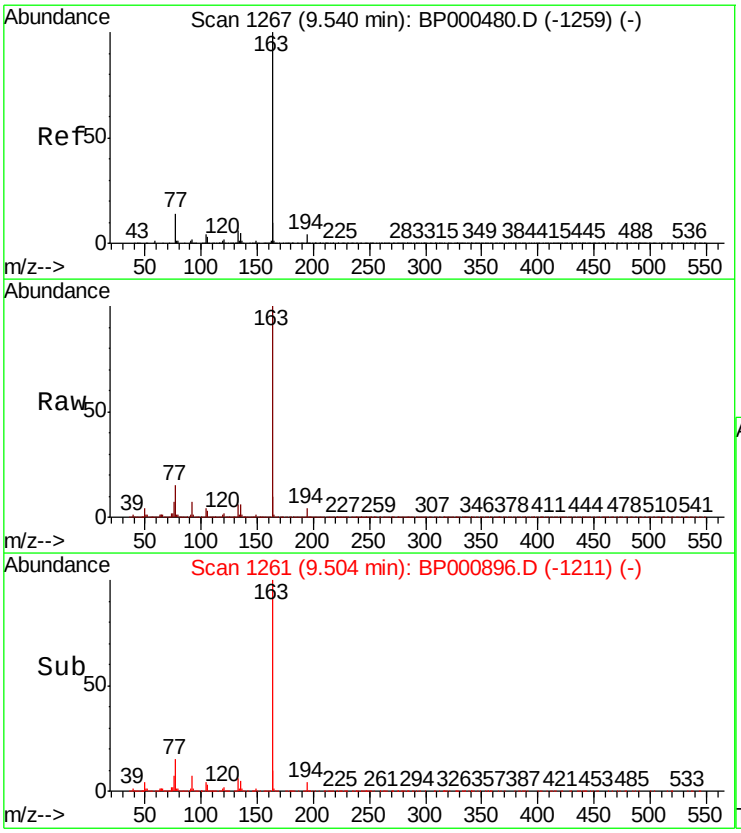
#45
2-Fluorobiphenyl
Concen: 91.001 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 1662581

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.2	19.3	28.9

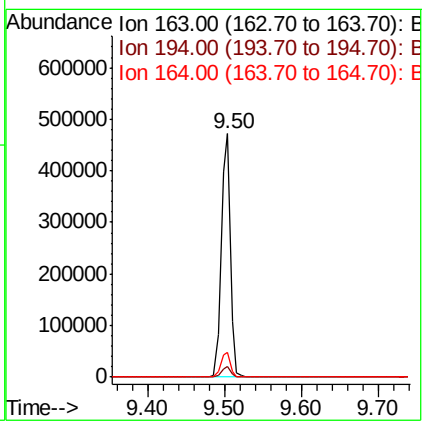


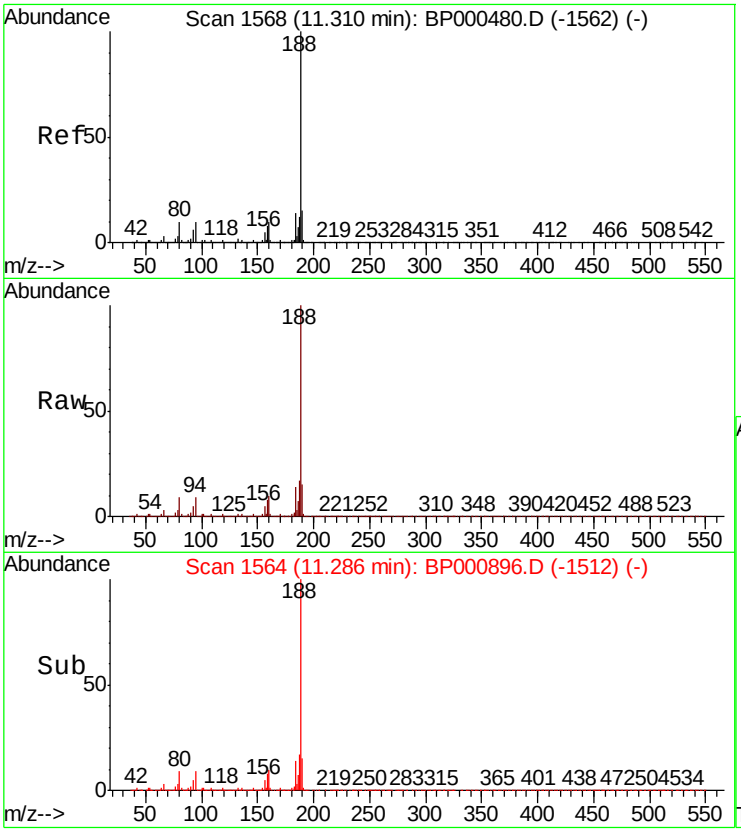


#50
Dimethylphthalate
Concen: 18.613 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:163 Resp: 382324

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.3	12.5



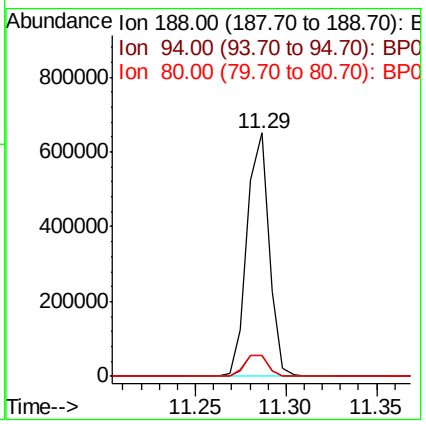


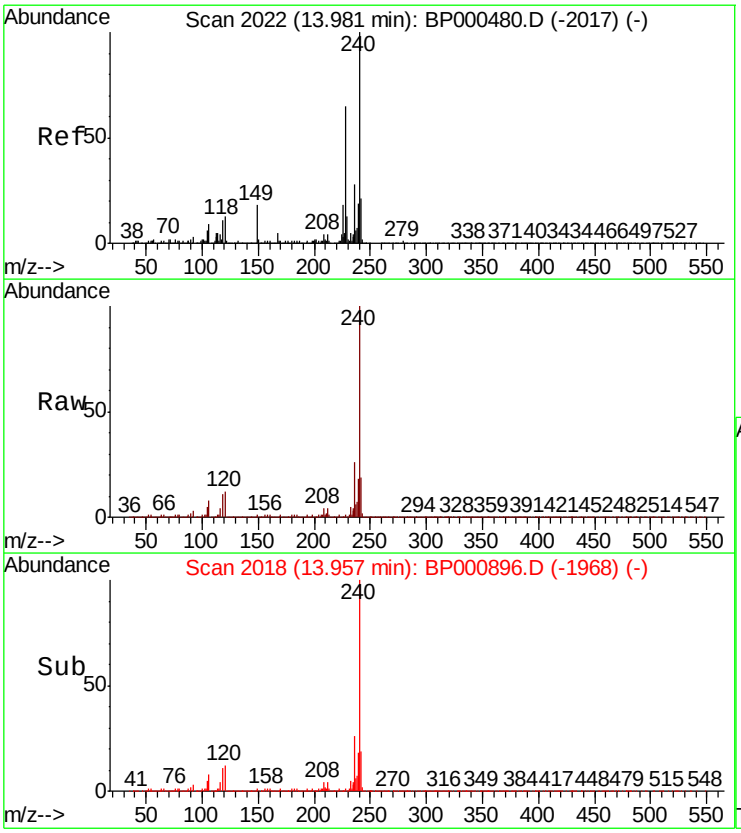
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 550603

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.8	8.2	12.4

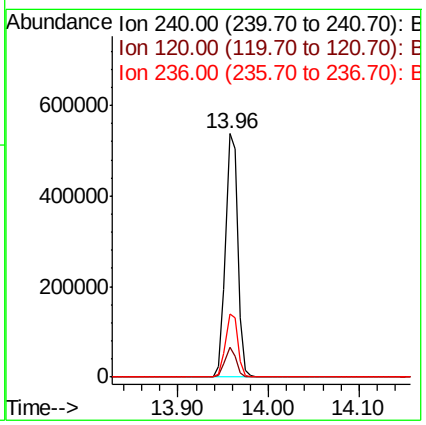


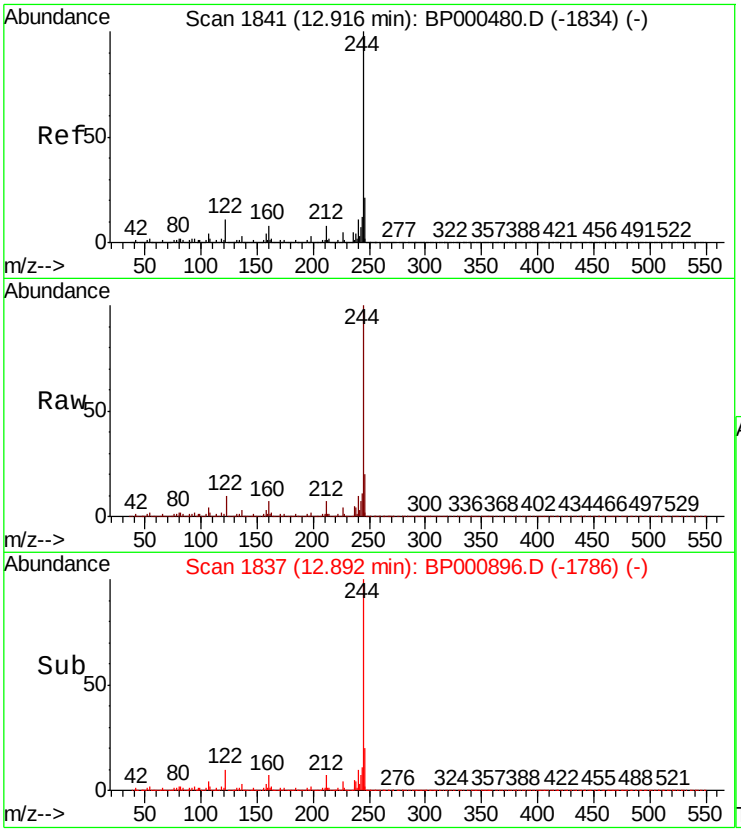


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:240 Resp: 499824

Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.3	10.9#
236	25.7	21.2	31.8



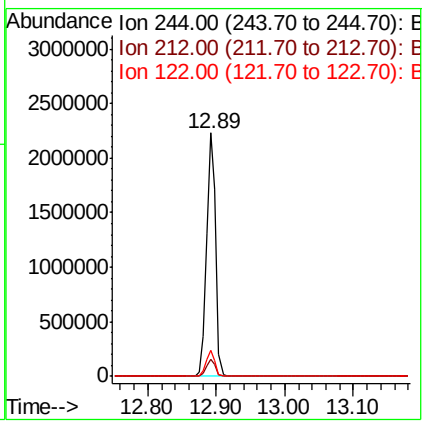


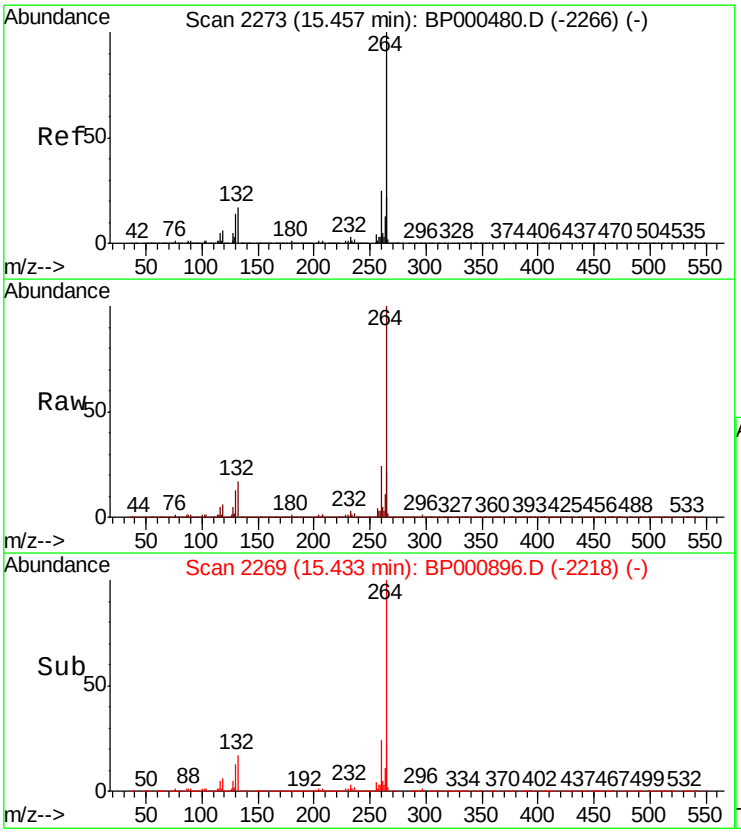
#79
Terphenyl-d14
Concen: 84.441 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 2084500

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.4	7.1	10.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BP000896.D
Acq: 18 Oct 2019 23:28

Tgt Ion:264 Resp: 573139

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.8	17.4	26.0