Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001020.D
Acq On : 11 Nov 2019 17:12
Operator : JU
Sample : K5760-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3425

Quant Time: Nov 12 04:53:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	269632	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	990975	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	593037	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1178042	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1034851	20.00	ng	0.00
87) Perylene-d12	21.07	264	1099057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1336668	90.23	ng	0.00
7) Phenol-d6	7.82	99	1770617	94.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	1089566	60.82	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	710079	100.30	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2268095	57.60	ng	-0.01
79) Terphenyl-d14	17.93	244	3013273	57.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.83	94	120894	5.900	ng	94
50) Dimethylphthalate	12.84	163	197314	4.500	ng	99
83) Chrysene	19.32	228	122706	2.005	ng	97

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

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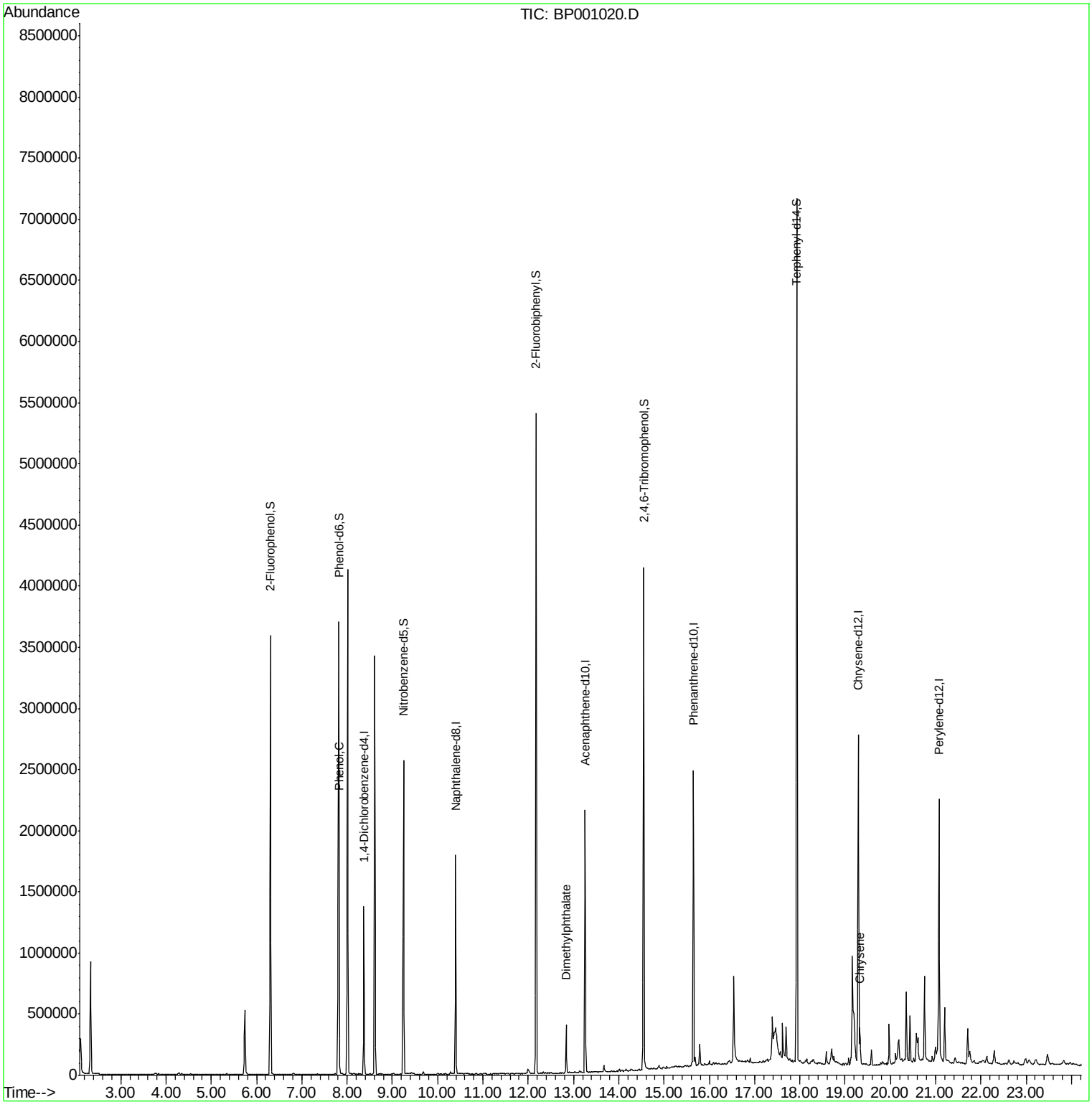
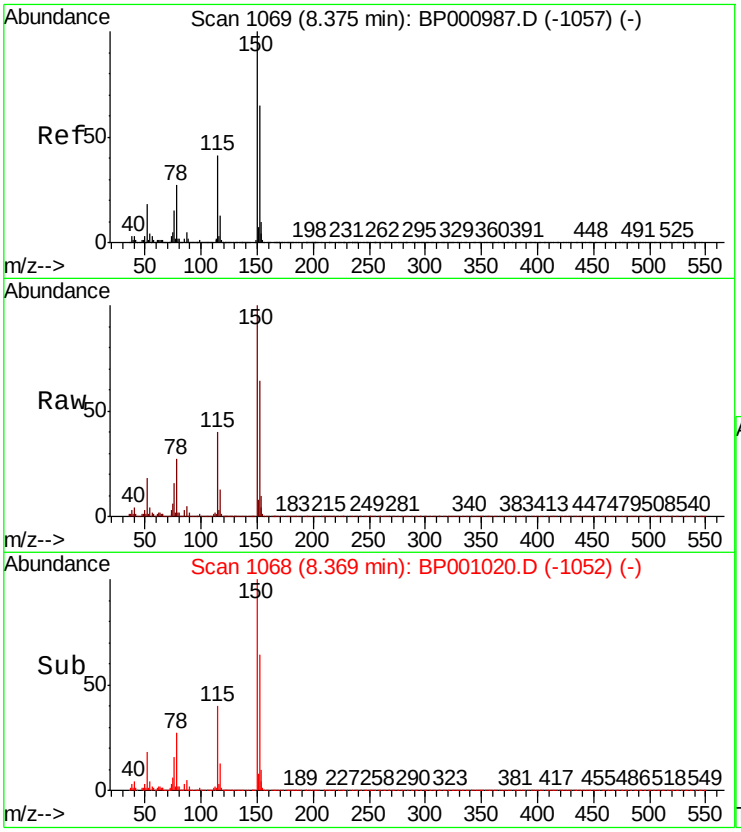


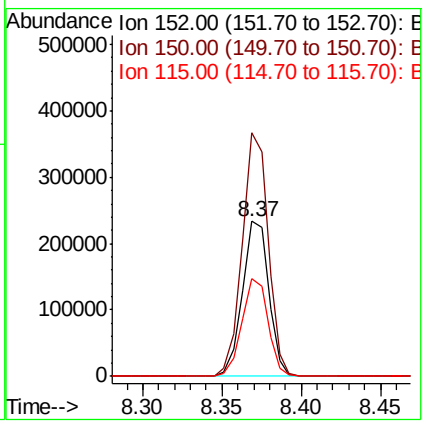


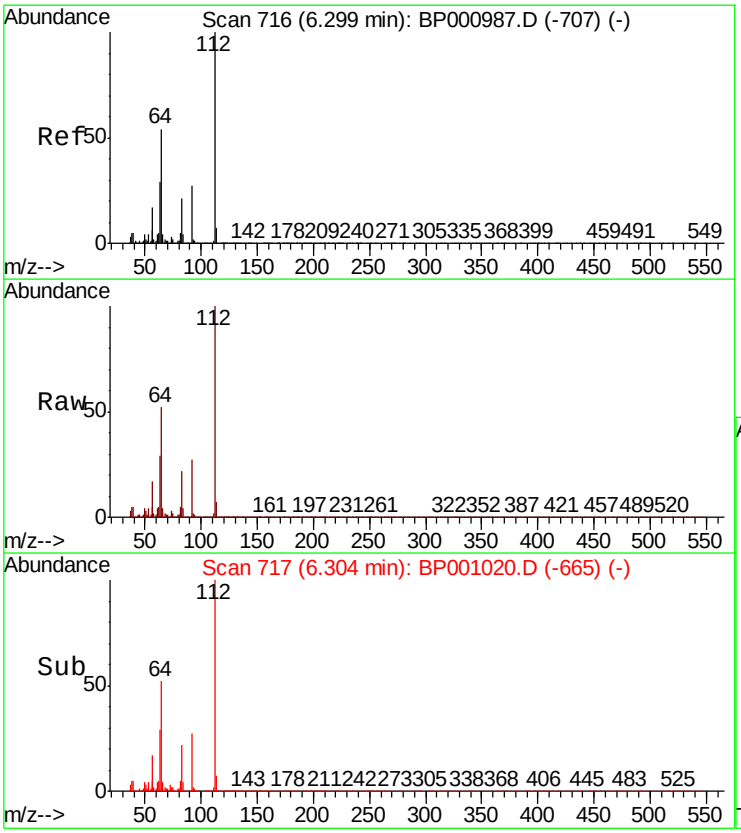
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:152 Resp: 269632

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	63.2	50.1	75.1

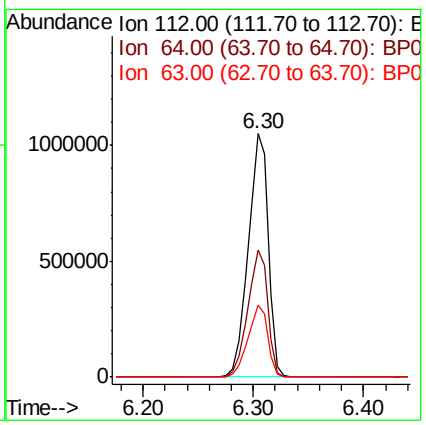


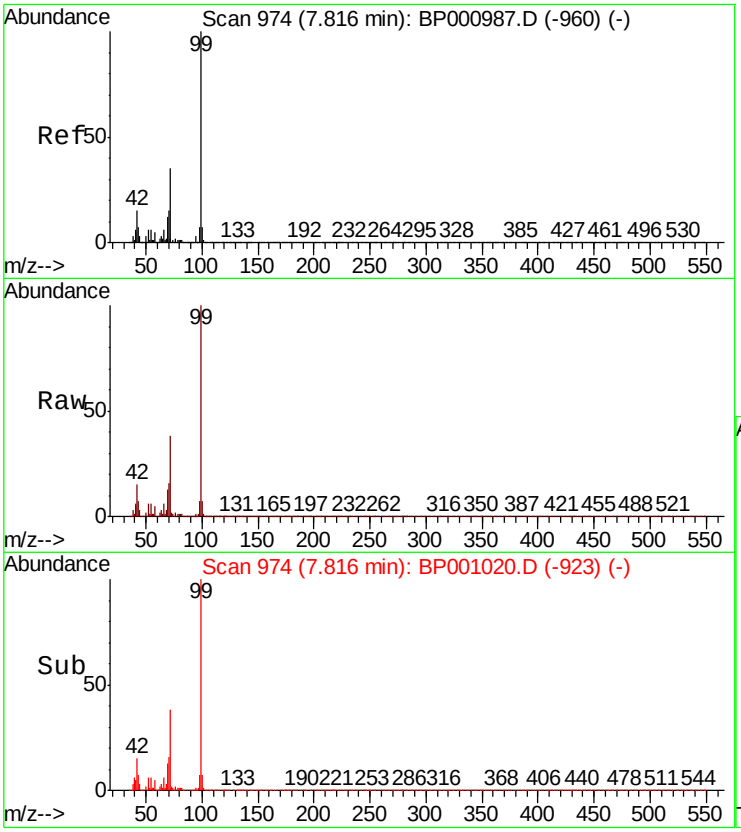


#5
2-Fluorophenol
Concen: 90.233 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:112 Resp: 1336668

Ion	Ratio	Lower	Upper
112	100		
64	52.3	43.4	65.0
63	29.5	23.4	35.0



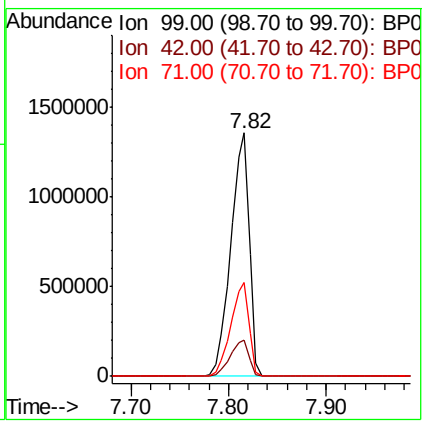


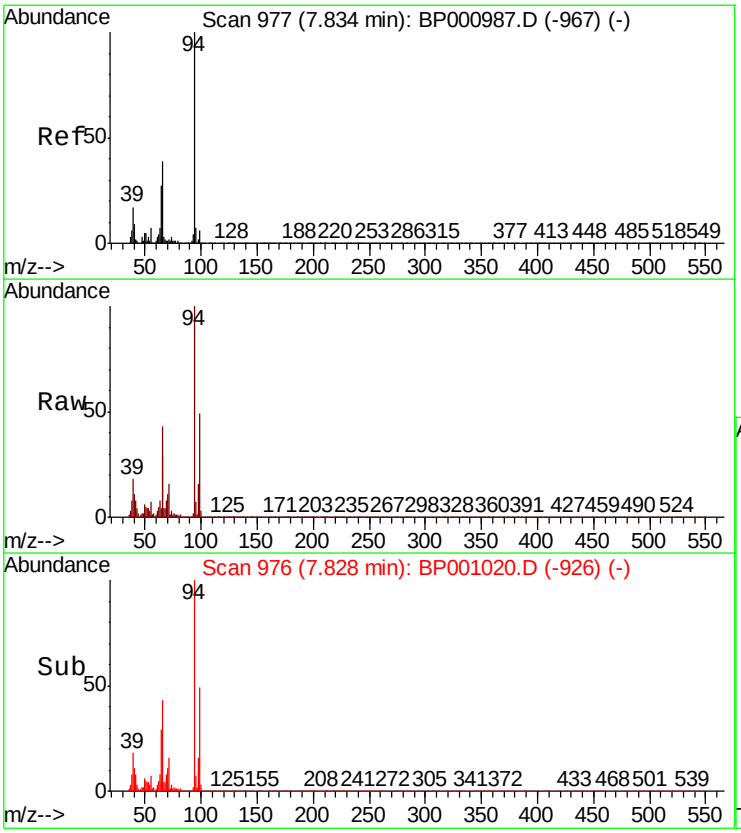
#7
Phenol-d6
Concen: 94.521 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion: 99 Resp: 1770617

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.6	17.4
71	38.3	28.0	42.0

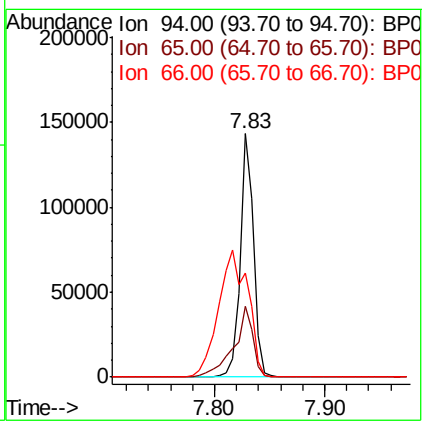


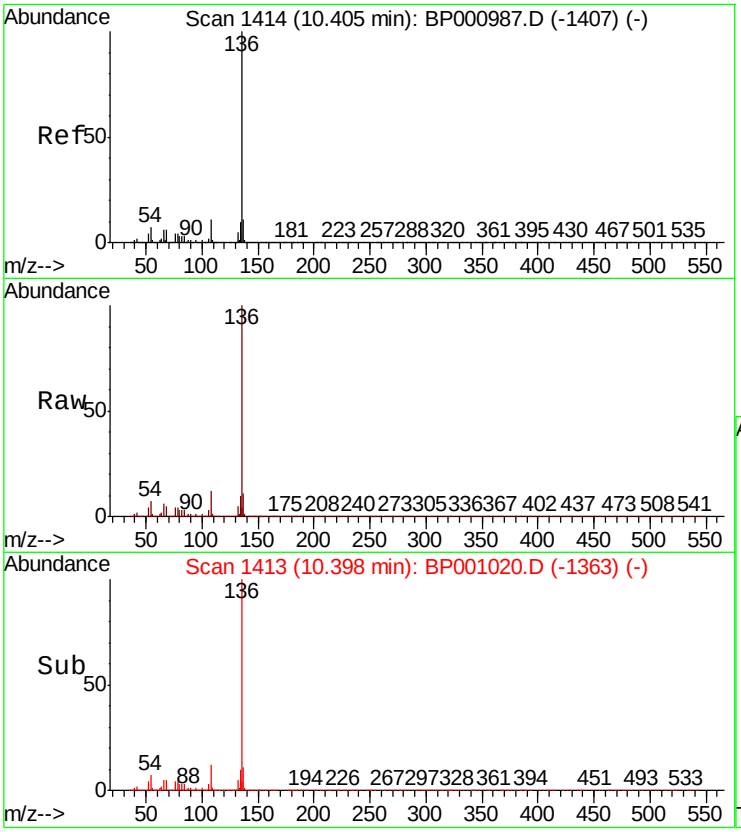


#10
Phenol
Concen: 5.900 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion: 94 Resp: 120894

Ion	Ratio	Lower	Upper
94	100		
65	29.3	6.7	46.7
66	43.0	18.6	58.6



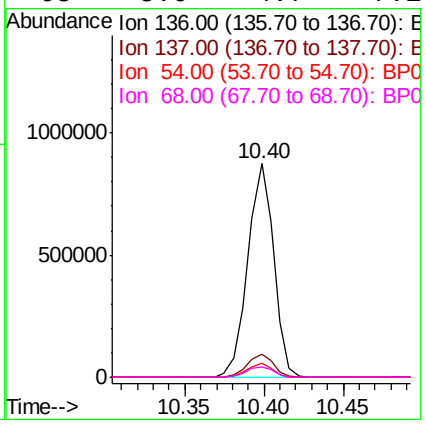


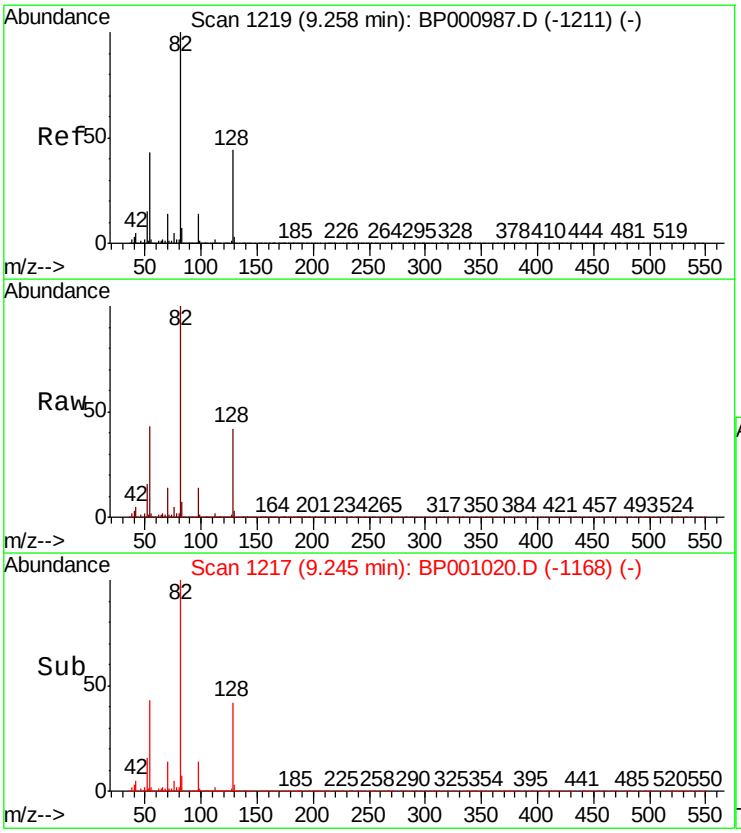
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument : BNA_P
ClientSampleId : 3425

Tgt Ion:136 Resp: 990975

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.6	5.4	8.2
68	5.0	4.7	7.1

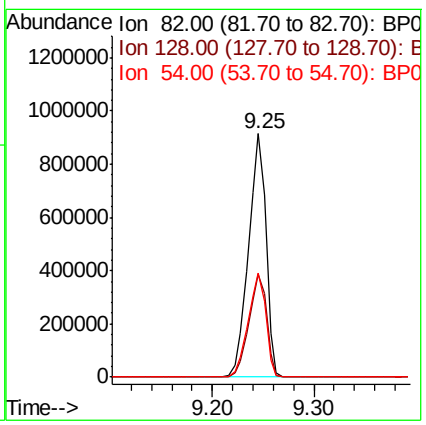


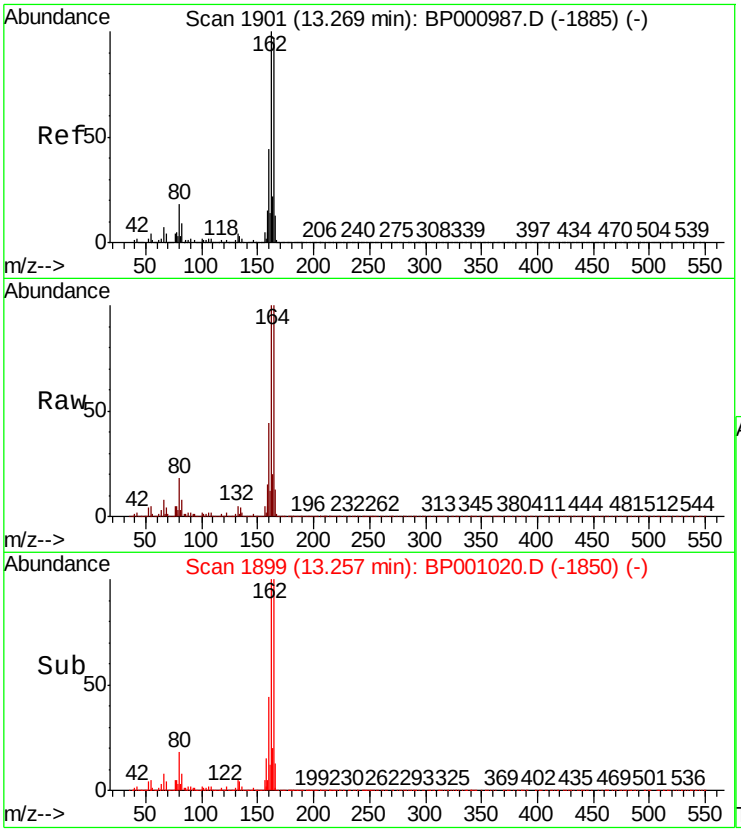


#23
Nitrobenzene-d5
Concen: 60.820 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion: 82 Resp: 1089566

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.3	52.9
54	42.8	34.3	51.5



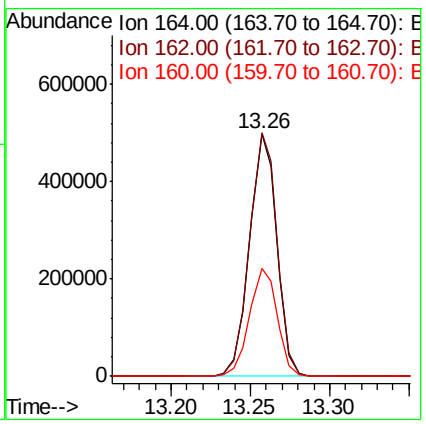


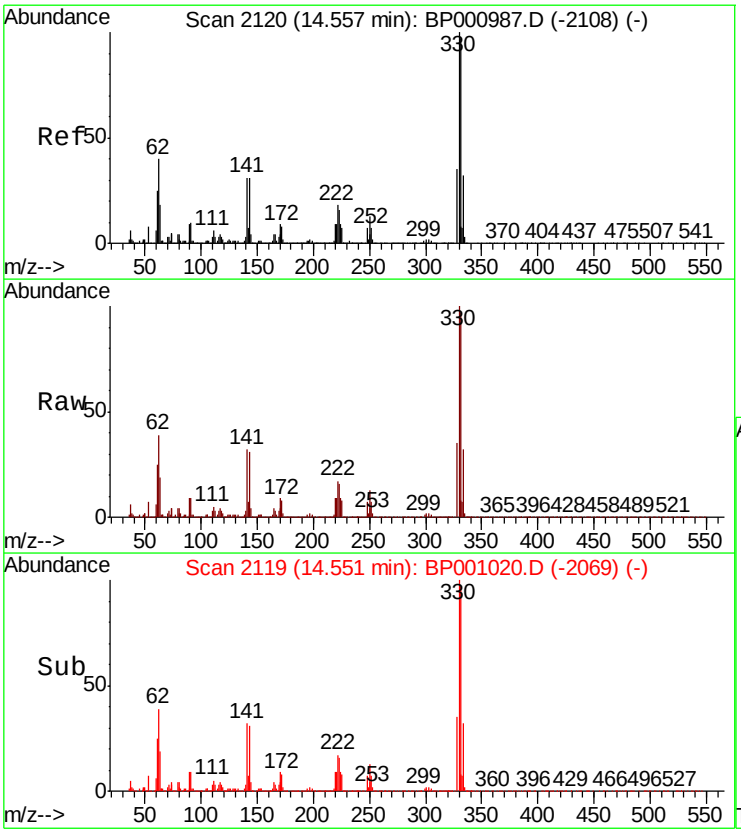
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:164 Resp: 593037

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.5	36.5	54.7

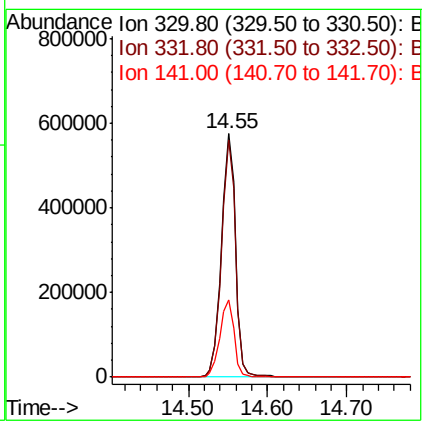


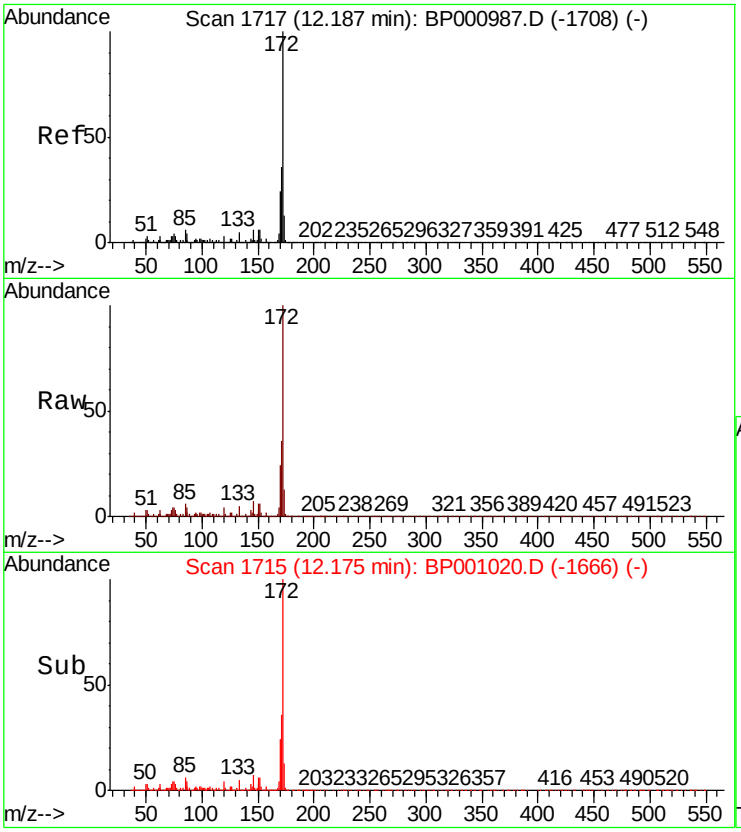


#42
2,4,6-Tribromophenol
Concen: 100.301 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:330 Resp: 710079

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.3	117.5
141	31.9	25.0	37.4



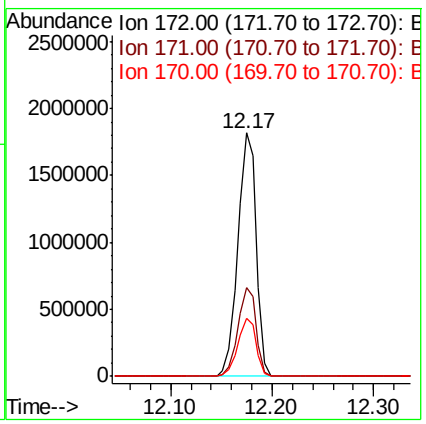


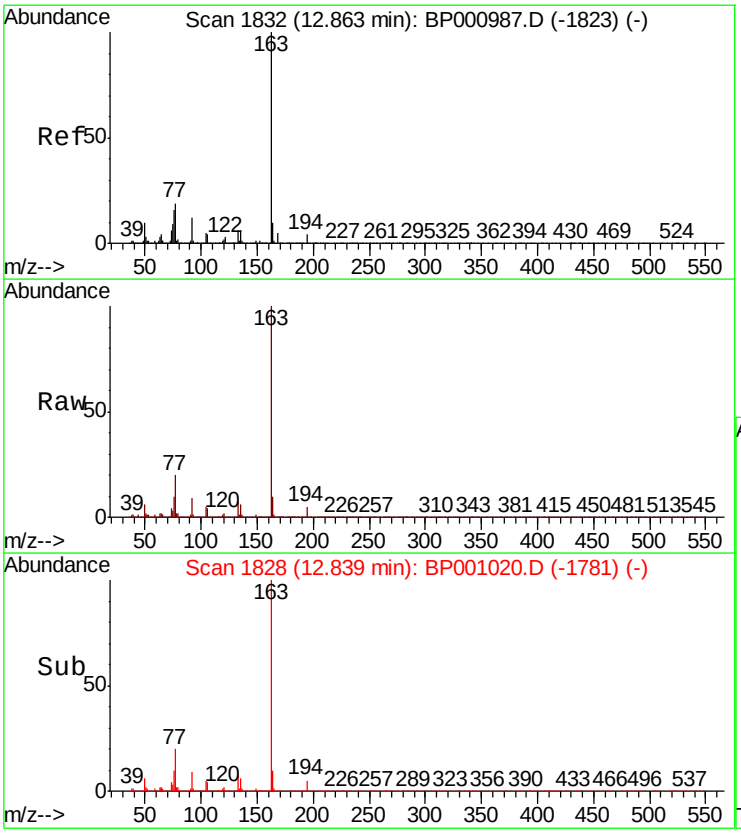
#45
2-Fluorobiphenyl
Concen: 57.601 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:172 Resp: 2268095

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.9	18.9	28.3

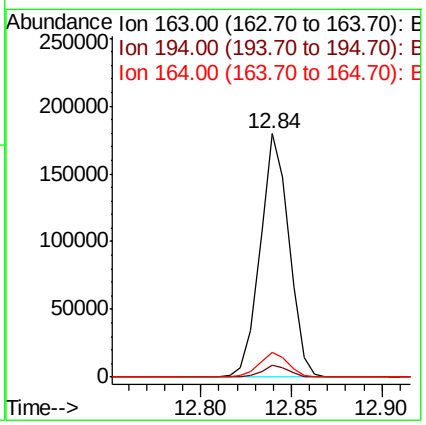


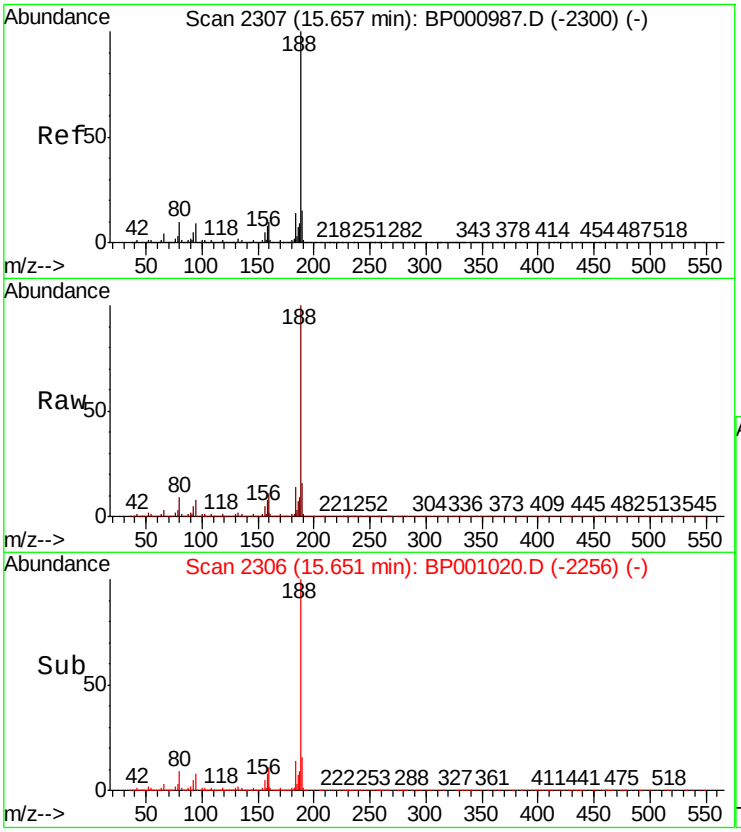


#50
Dimethylphthalate
Concen: 4.500 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:163 Resp: 197314

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.3	7.9	11.9



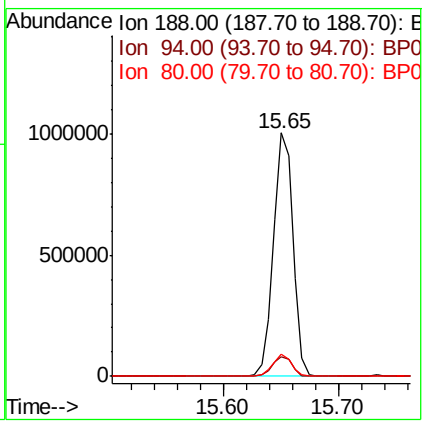


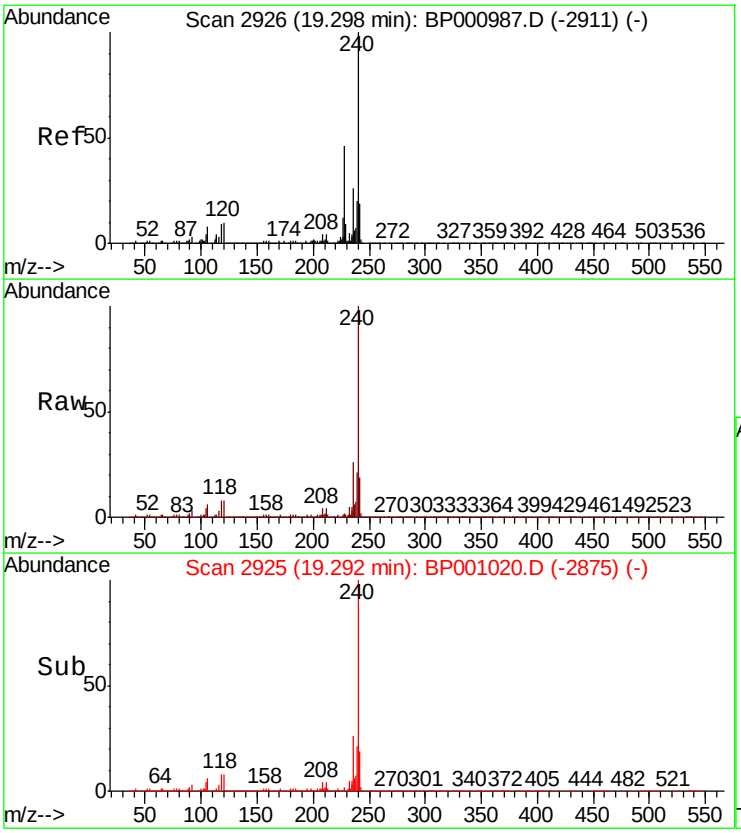
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:188 Resp: 1178042

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.0	7.9	11.9

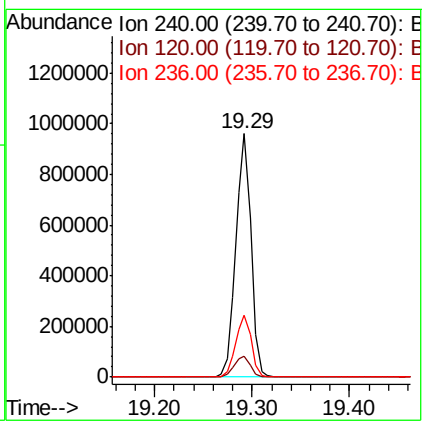


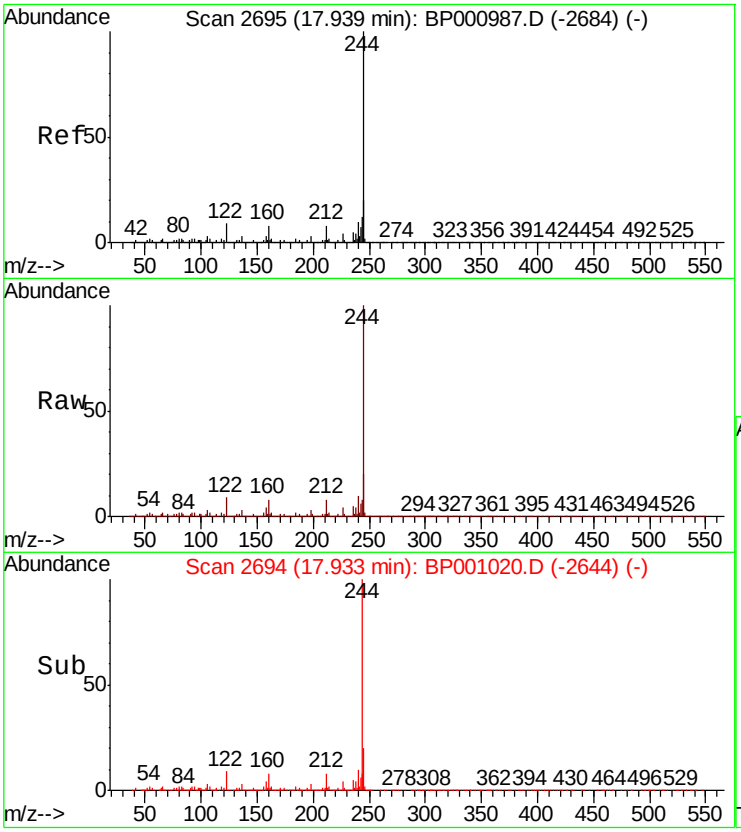


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:240 Resp: 1034851

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	25.6	20.5	30.7



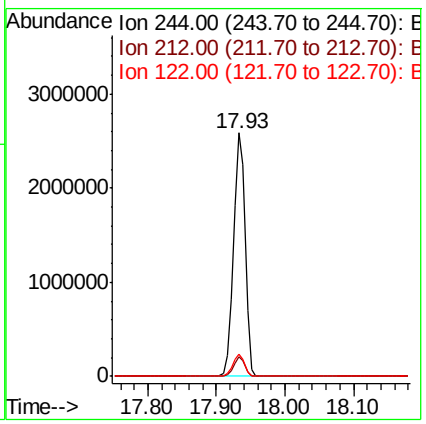


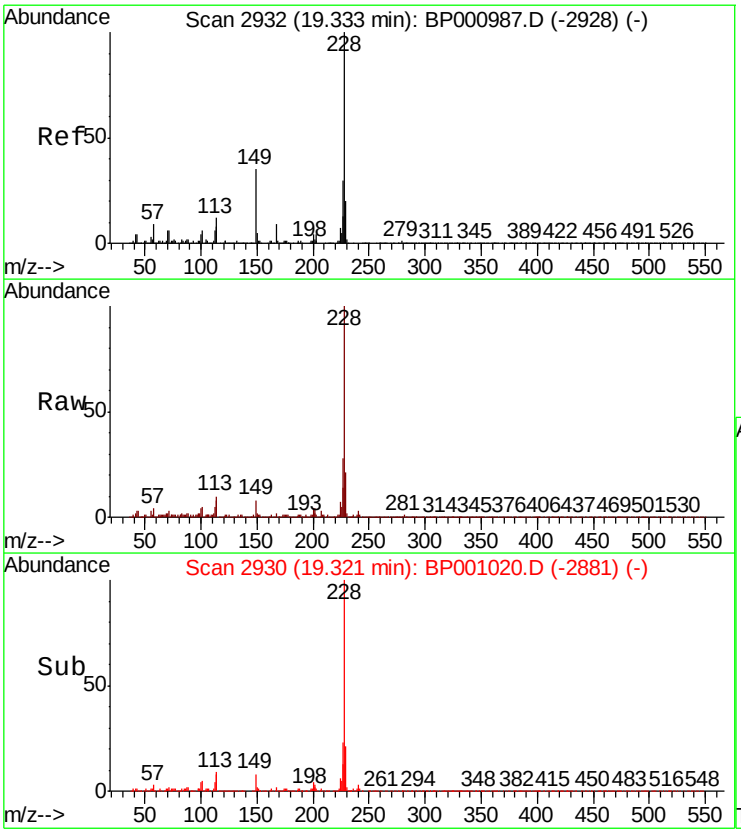
#79
Terphenyl-d14
Concen: 57.920 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:244 Resp: 3013273

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.3	7.4	11.2

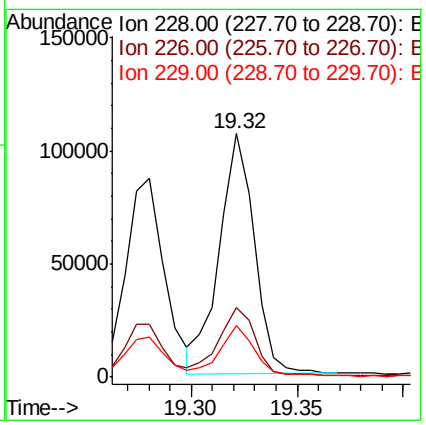


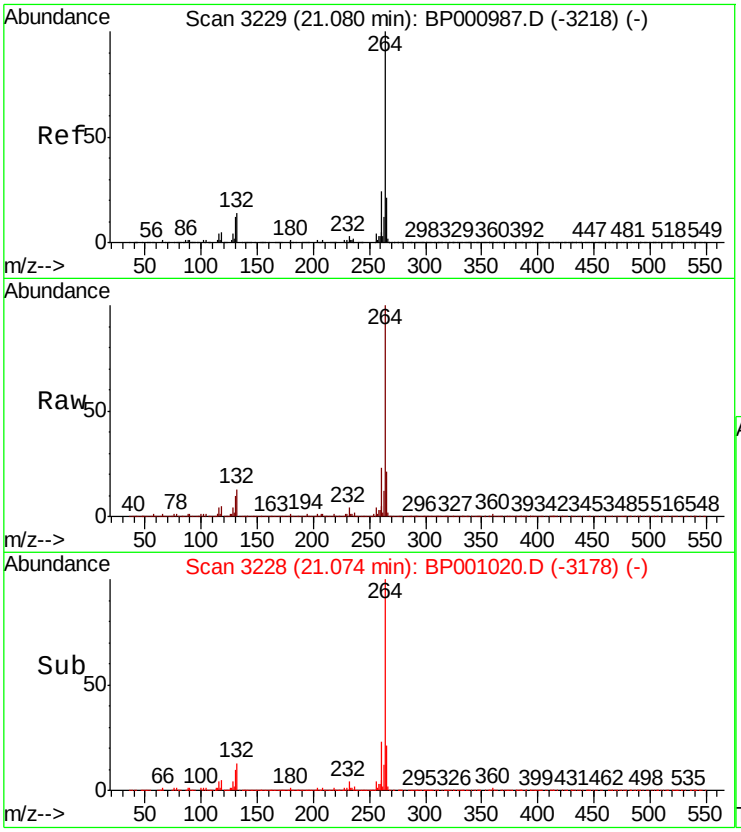


#83
Chrysene
Concen: 2.005 ng
RT: 19.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:228 Resp: 122706

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.2	36.2
229	21.0	15.8	23.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :
3425

Tgt Ion:264 Resp: 1099057

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.1	17.1	25.7