Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111971.D
Acq On : 10 Jan 2019 1:10
Operator : JU/SJ
Sample : K1075-09 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASIN-5

Quant Time: Jan 10 03:28:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115018	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	396914	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	173002	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	321667	20.00	ng	0.00
76) Chrysene-d12	14.06	240	192811	20.00	ng	0.00
87) Perylene-d12	15.56	264	157189	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	351356	52.26	ng	0.00
7) Phenol-d6	6.53	99	438667	50.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	239755	32.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	99689	44.30	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	463334	39.05	ng	0.00
79) Terphenyl-d14	13.00	244	399602	39.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	19859	2.109	ng	# 77
50) Dimethylphthalate	9.63	163	31326	2.410	ng	98
78) Pyrene	12.86	202	36838	2.777	ng	99

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

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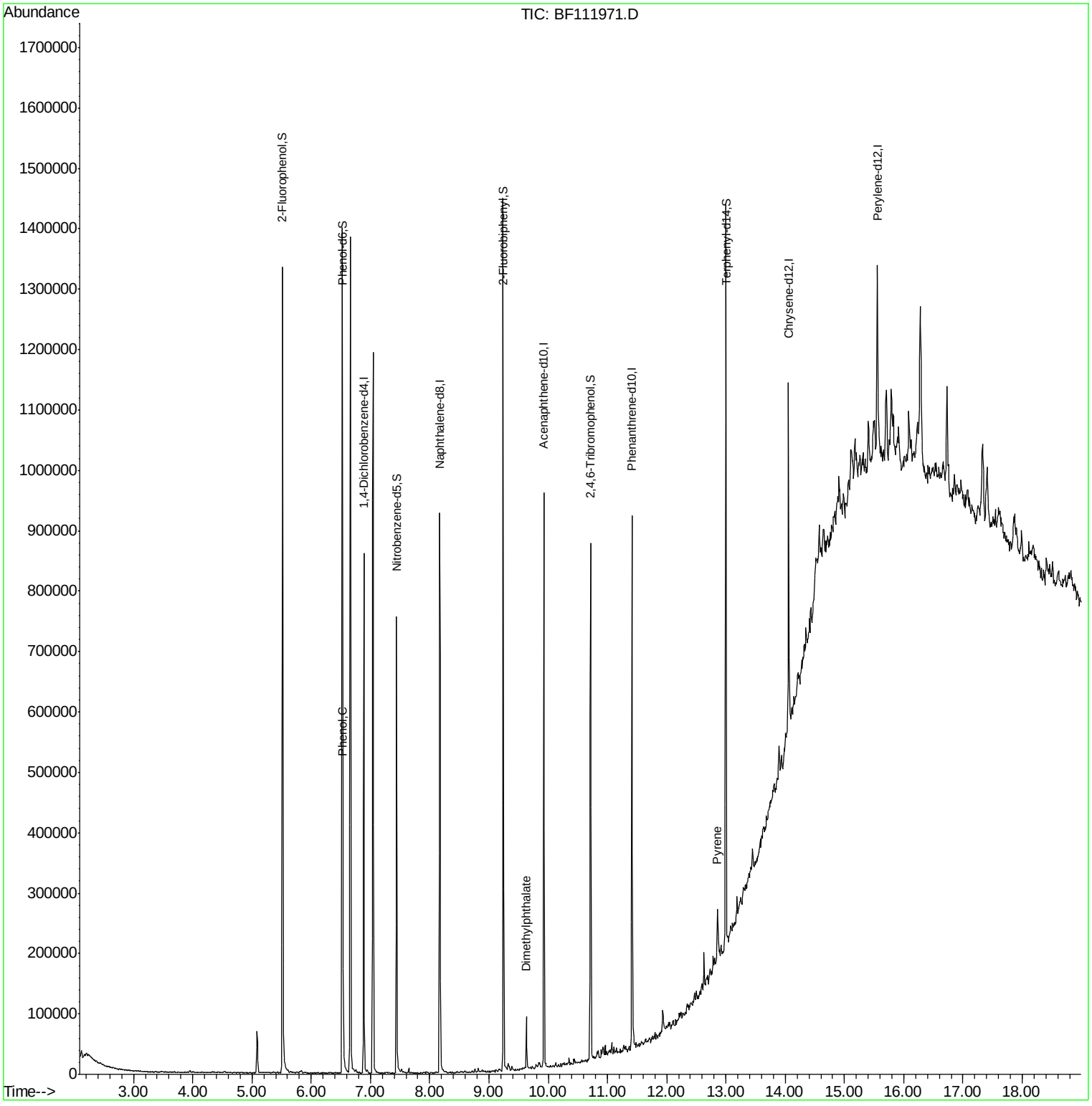
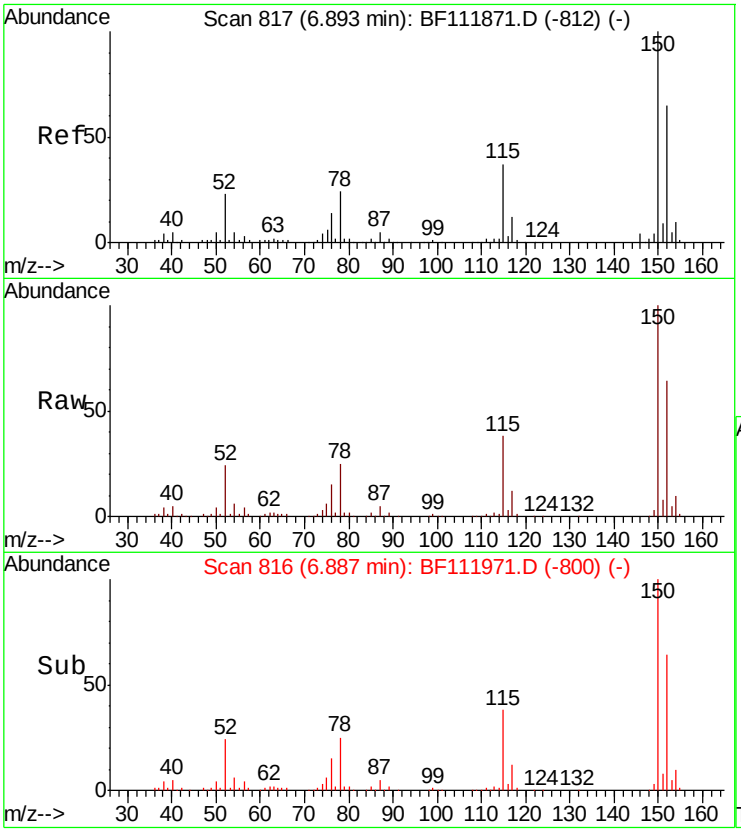


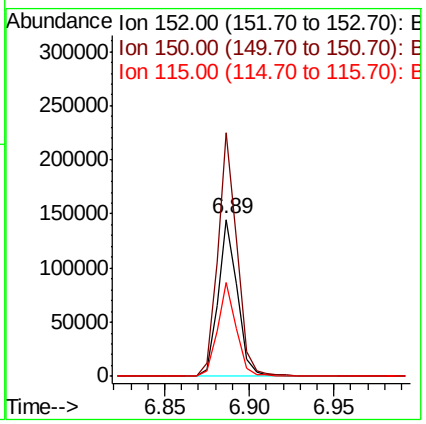


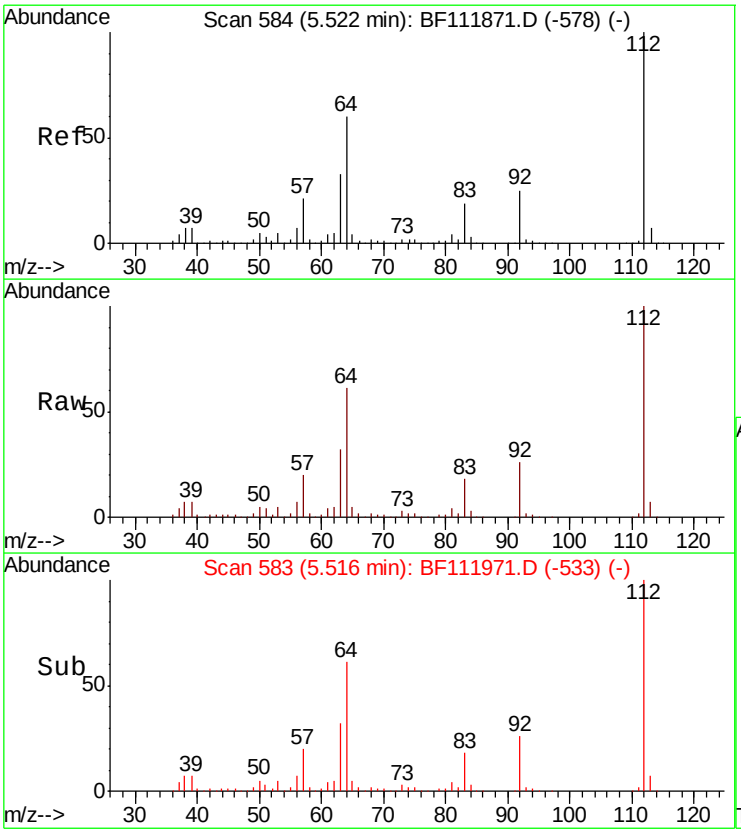
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:152 Resp: 115018

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	59.7	45.2	67.8

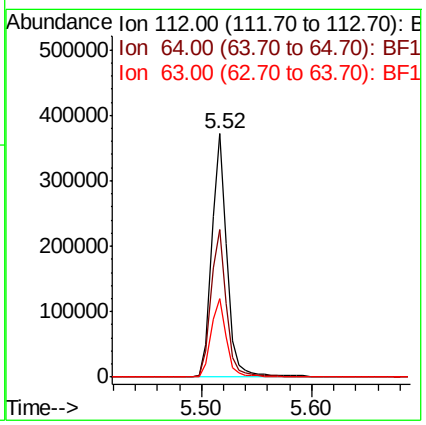


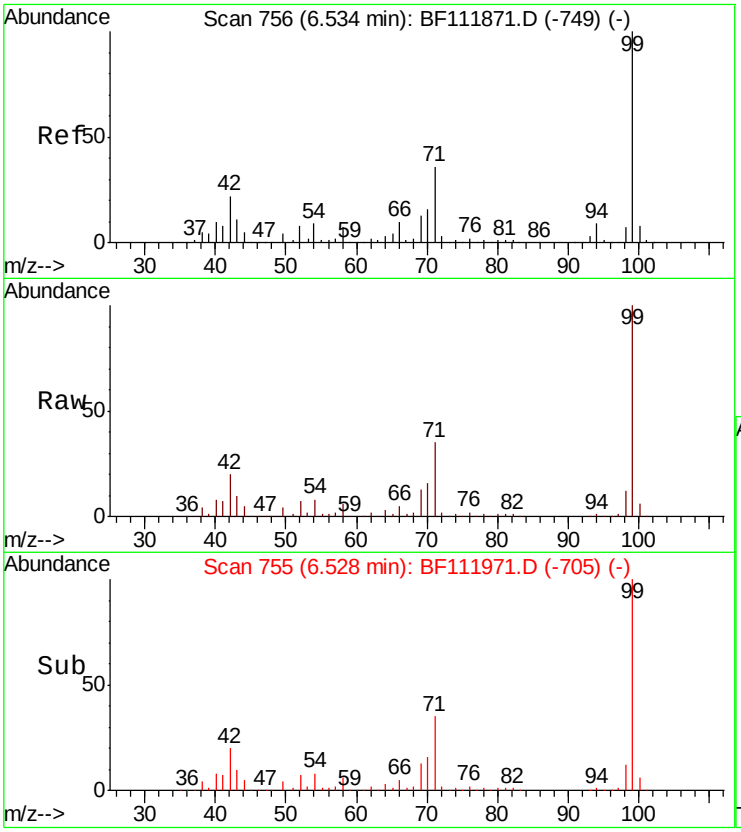


#5
2-Fluorophenol
Concen: 52.262 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:112 Resp: 351356

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.3	72.5
63	32.1	26.1	39.1



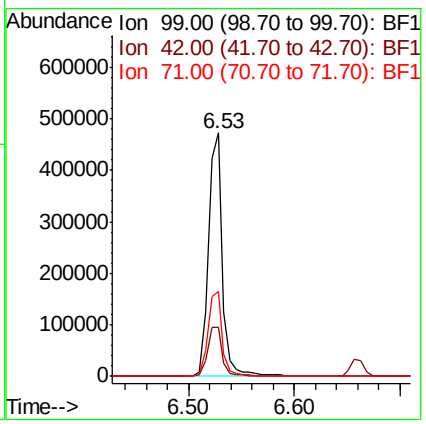


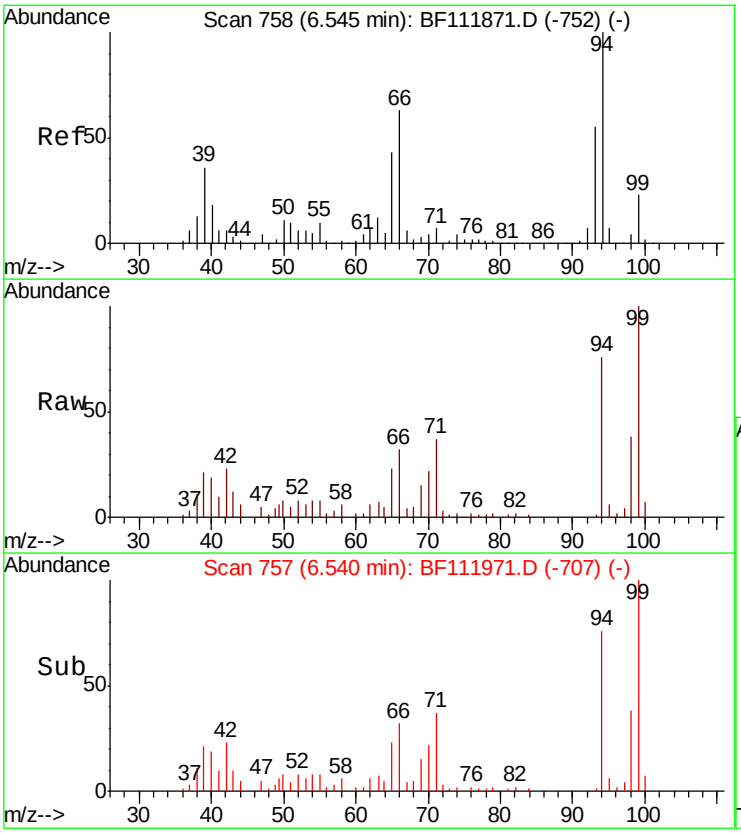
#7
Phenol-d6
Concen: 50.624 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion: 99 Resp: 438667

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.9	26.9
71	34.9	28.7	43.1

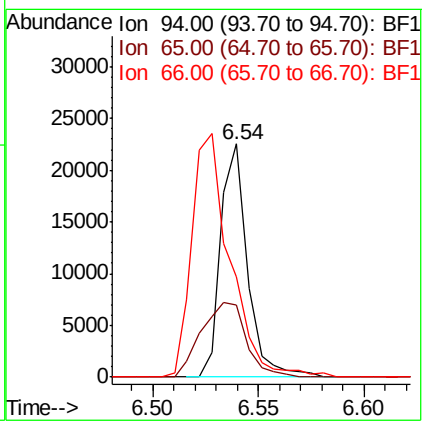


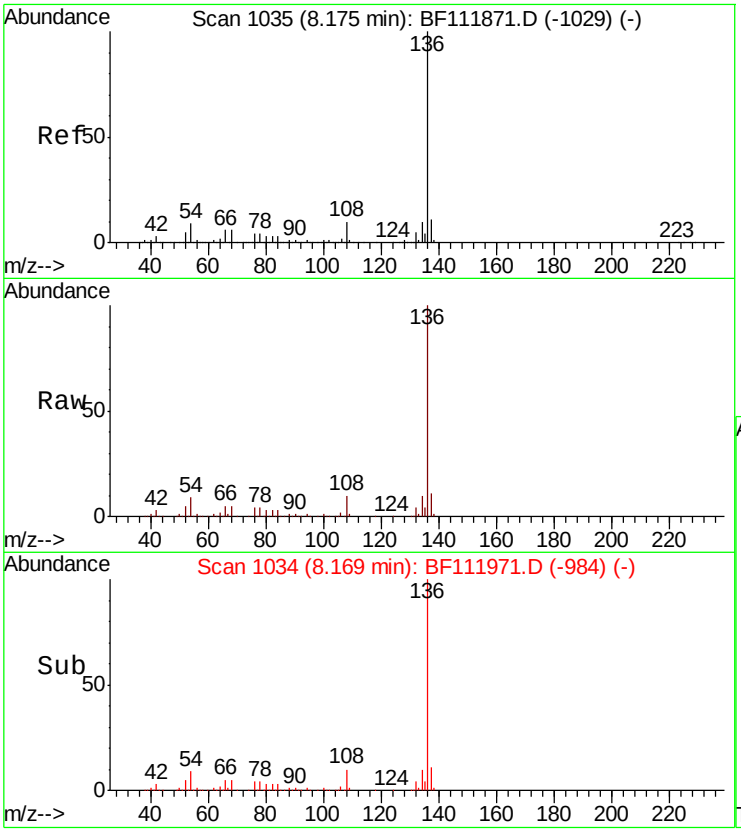


#10
Phenol
Concen: 2.109 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion: 94 Resp: 19859

Ion	Ratio	Lower	Upper
94	100		
65	30.8	22.8	62.8
66	42.8	43.3	83.3#



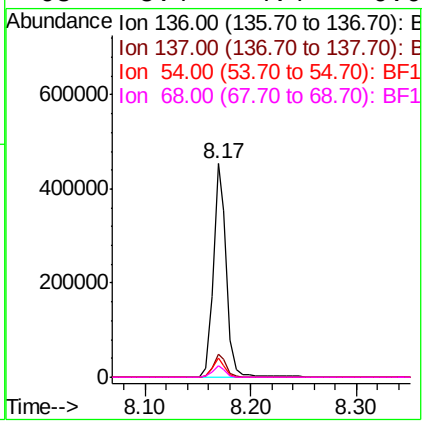


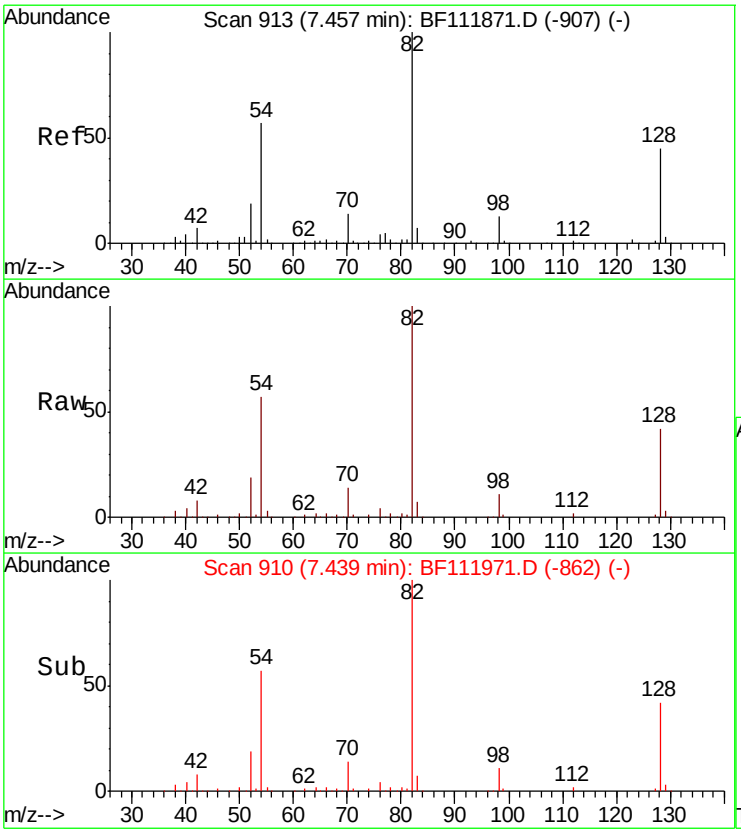
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:136 Resp: 396914

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.2	10.8
68	5.4	4.4	6.6

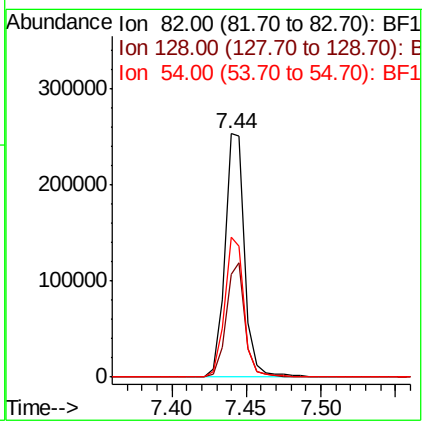


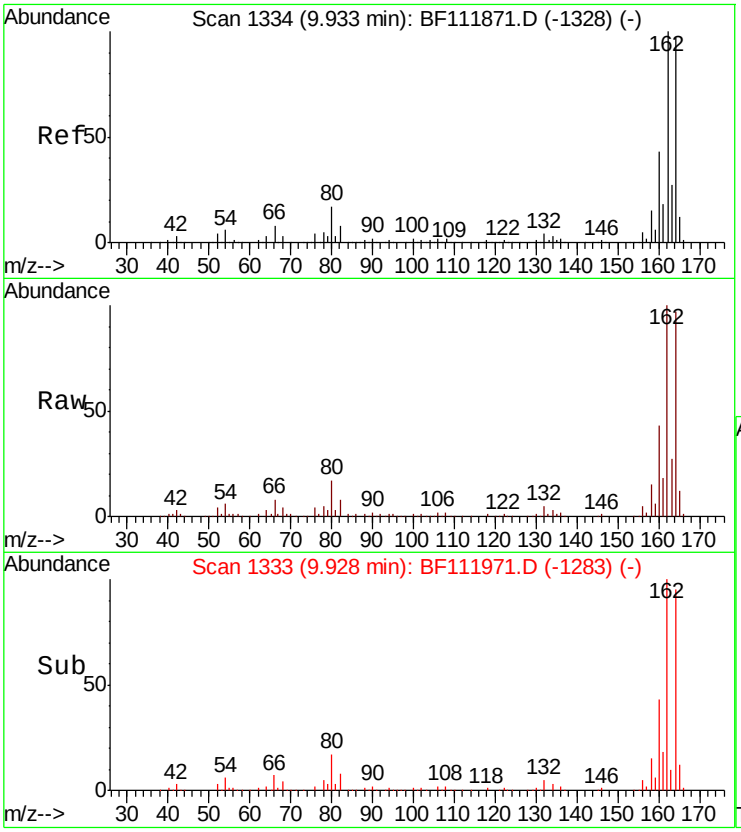


#23
Nitrobenzene-d5
Concen: 32.284 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion: 82 Resp: 239755

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.7	53.5
54	57.5	45.8	68.8



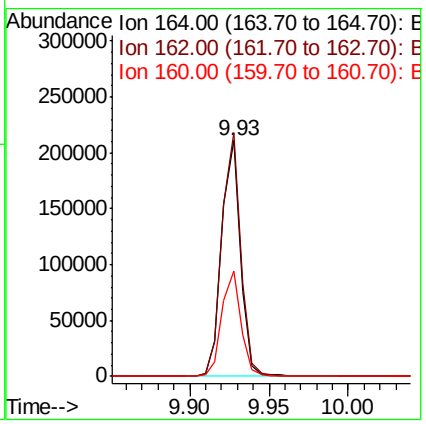


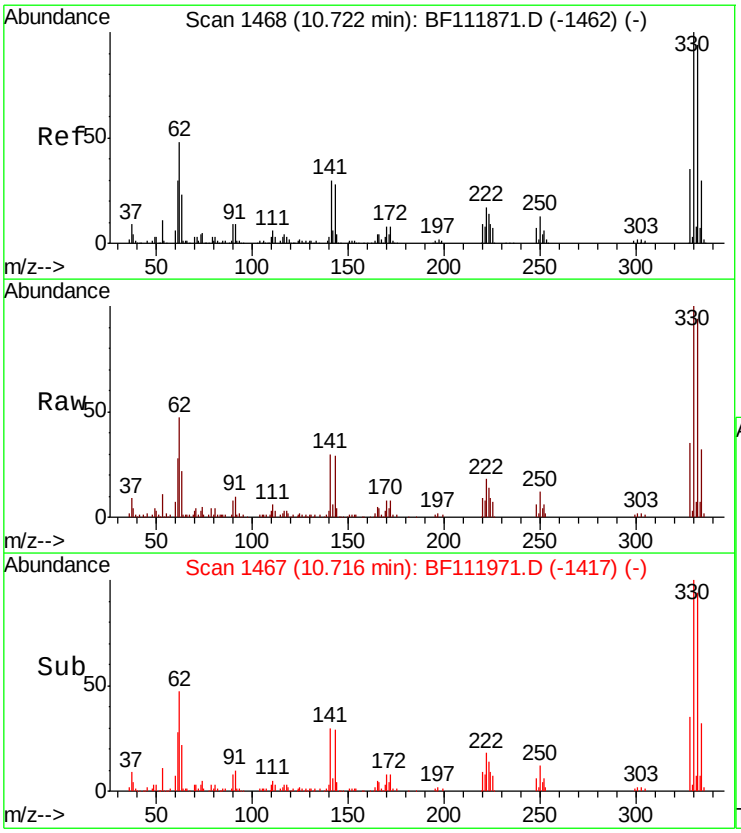
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:164 Resp: 173002

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	44.8	35.5	53.3

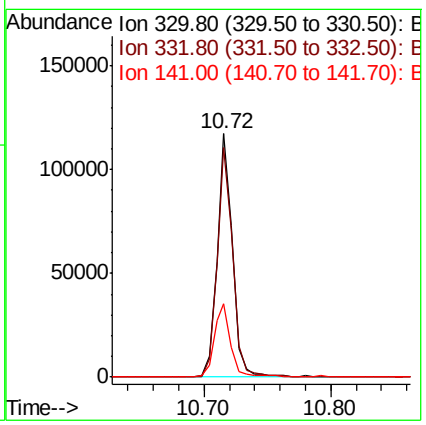


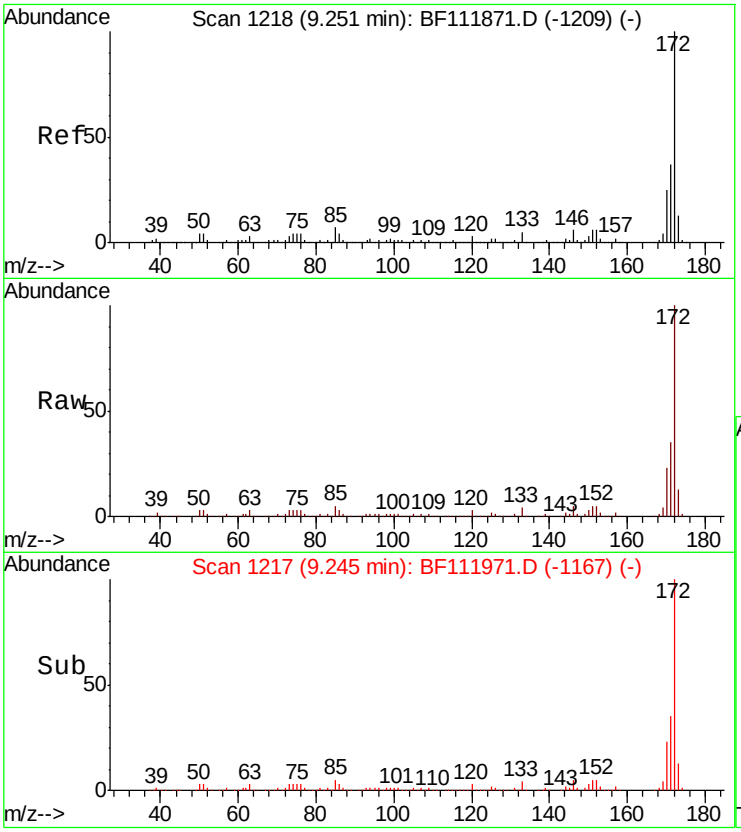


#42
2,4,6-Tribromophenol
Concen: 44.302 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:330 Resp: 99689

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	32.1	23.7	35.5



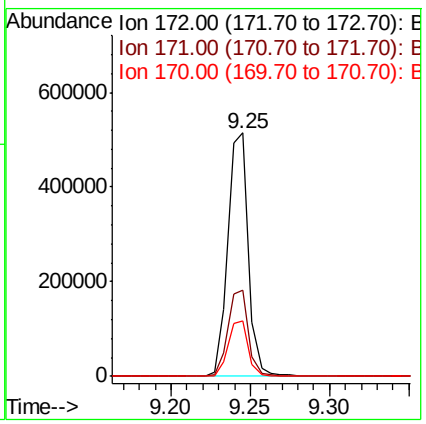


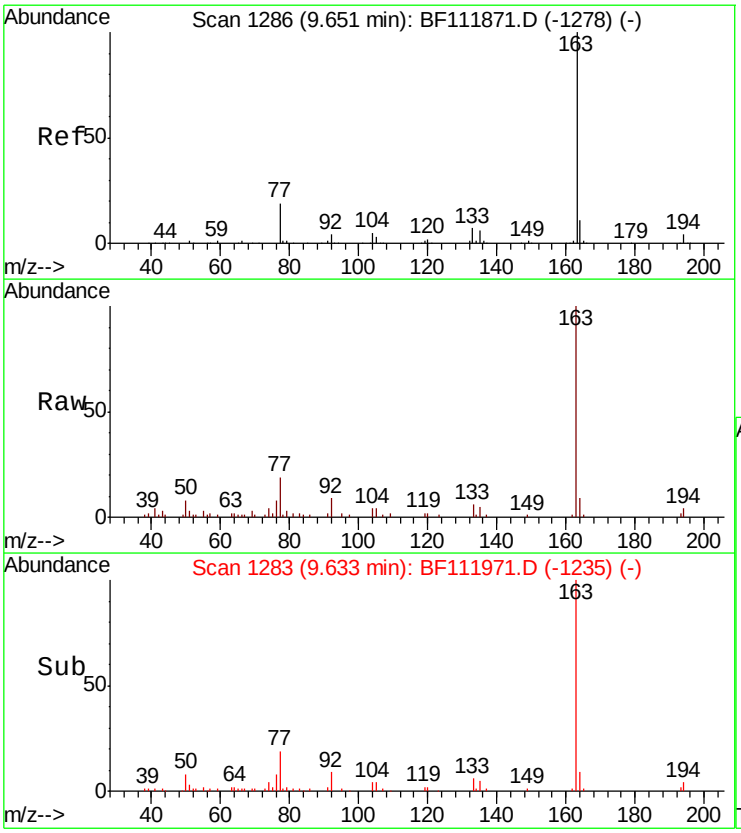
#45
2-Fluorobiphenyl
Concen: 39.054 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:172 Resp: 463334

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.6	19.8	29.8

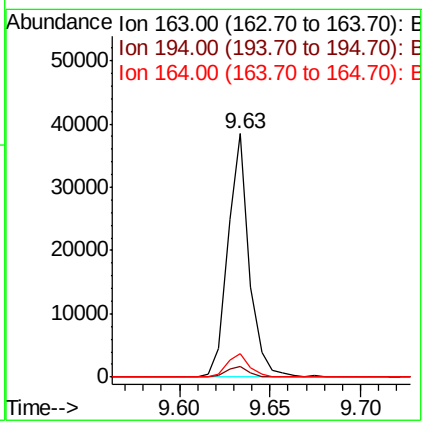


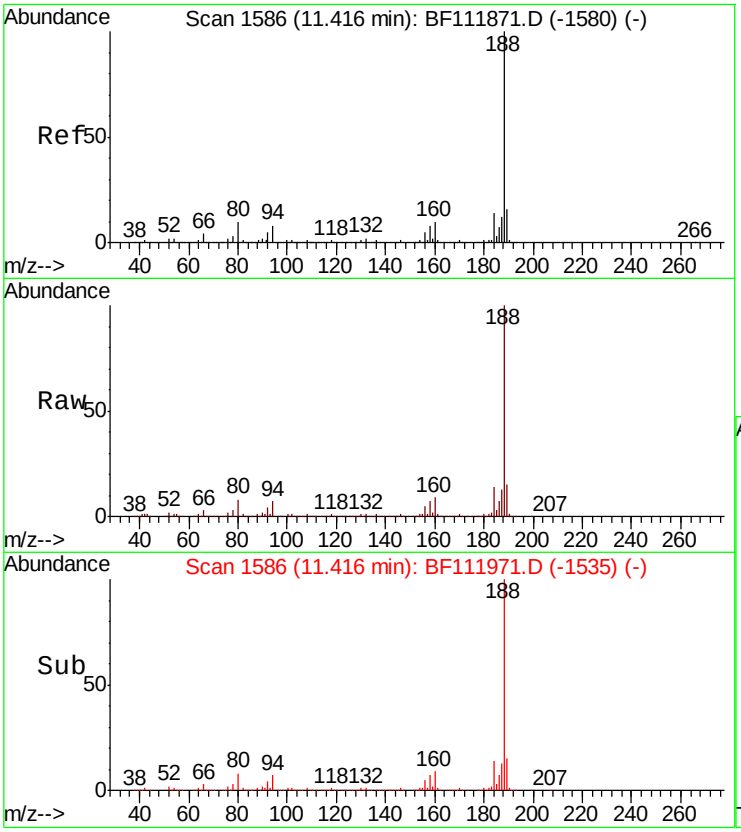


#50
Dimethylphthalate
Concen: 2.410 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:163 Resp: 31326

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.4	8.5	12.7



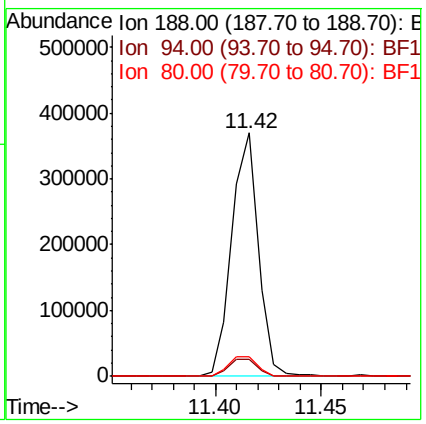


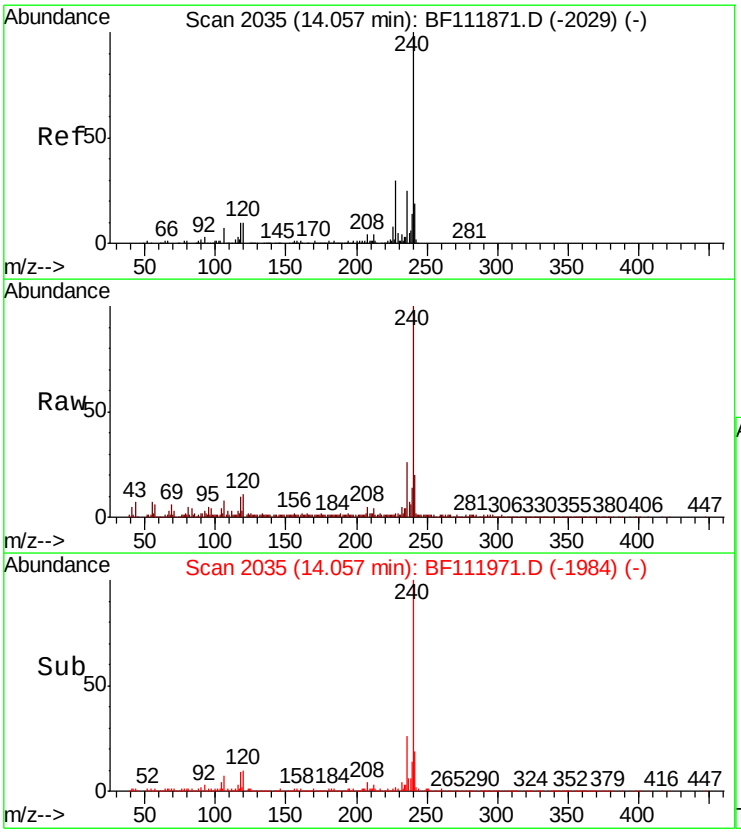
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:188 Resp: 321667

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.6	10.0
80	8.3	7.7	11.5

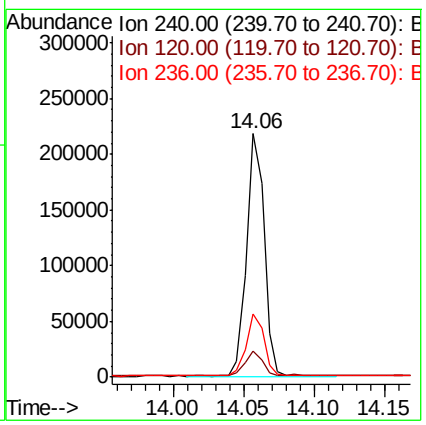


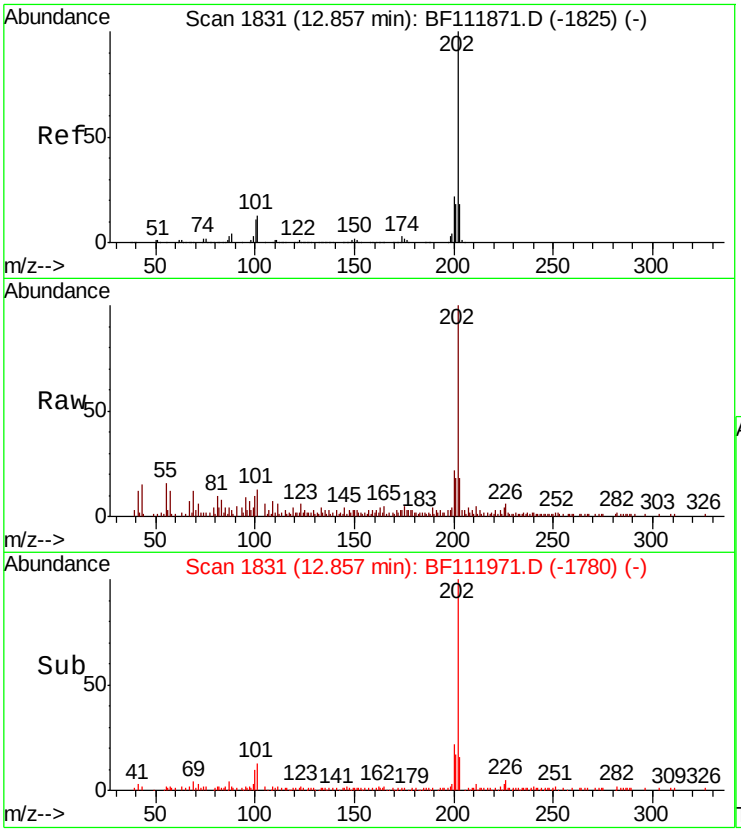


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:240 Resp: 192811

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	26.0	20.2	30.4



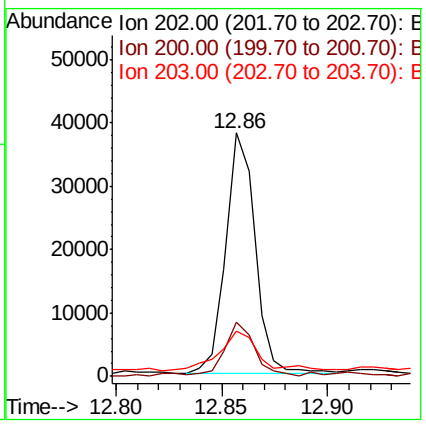


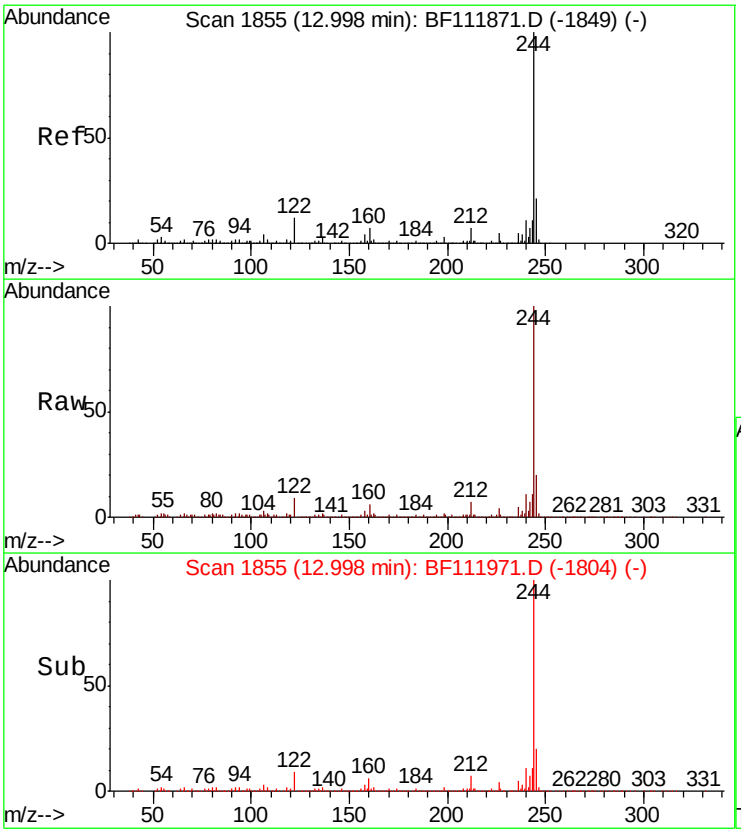
#78
Pyrene
Concen: 2.777 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:202 Resp: 36838

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.6	21.8

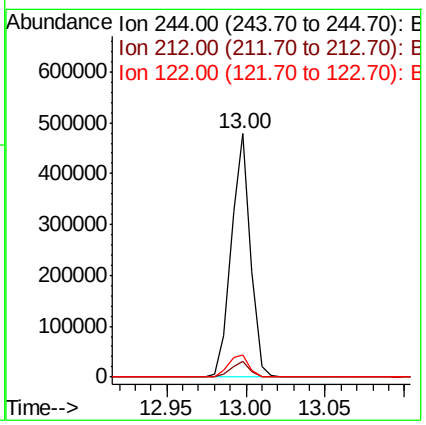


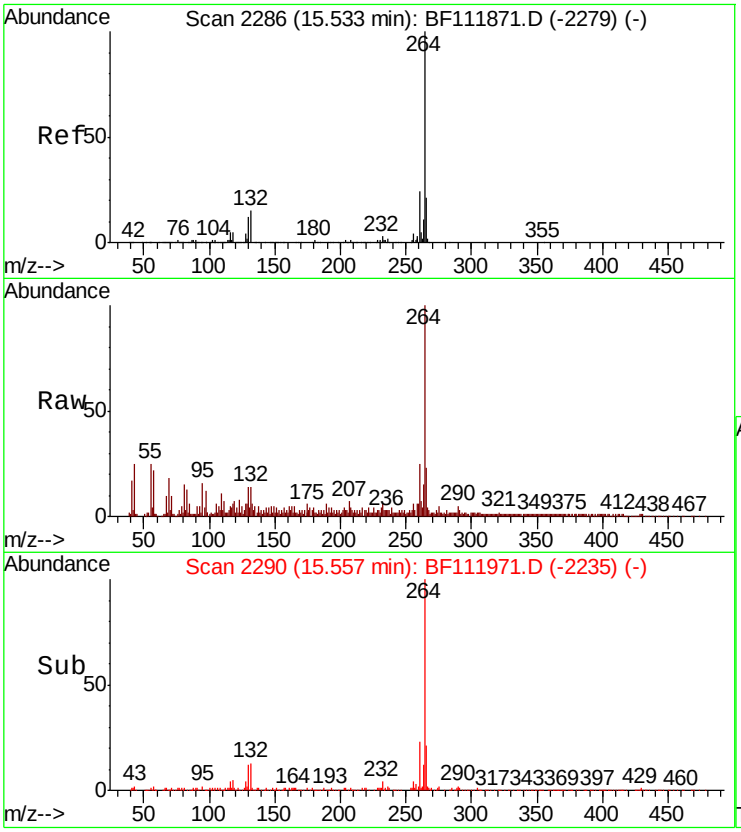


#79
Terphenyl-d14
Concen: 39.341 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:244 Resp: 399602

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.3	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tgt Ion:264 Resp: 157189

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.1	17.1	25.7