Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110857.D
Acq On : 19 Nov 2018 17:05
Operator : JU/SJ
Sample : J5515-01DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-1ADL

Quant Time: Nov 19 17:34:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56286	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	216795	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	92417	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	138906	20.00	ng		0.00
76) Chrysene-d12	14.13	240	149370	20.00	ng		0.00
87) Perylene-d12	15.66	264	108247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	30110	8.69	ng		0.00
7) Phenol-d6	6.57	99	39782	8.98	ng		0.00
23) Nitrobenzene-d5	7.51	82	18322	4.87	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	6076	6.52	ng		0.01
45) 2-Fluorobiphenyl	9.30	172	43719	6.76	ng		0.00
79) Terphenyl-d14	13.06	244	37471	4.70	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.95	142	636040	95.333	ng		100
38) 1-Methylnaphthalene	9.05	142	535995	83.537	ng	#	98
58) Fluorene	10.55	166	102424	16.123	ng	#	81
71) Phenanthrene	11.52	178	287753	38.667	ng	#	94
78) Pyrene	12.94	202	37644	3.273	ng	#	83

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

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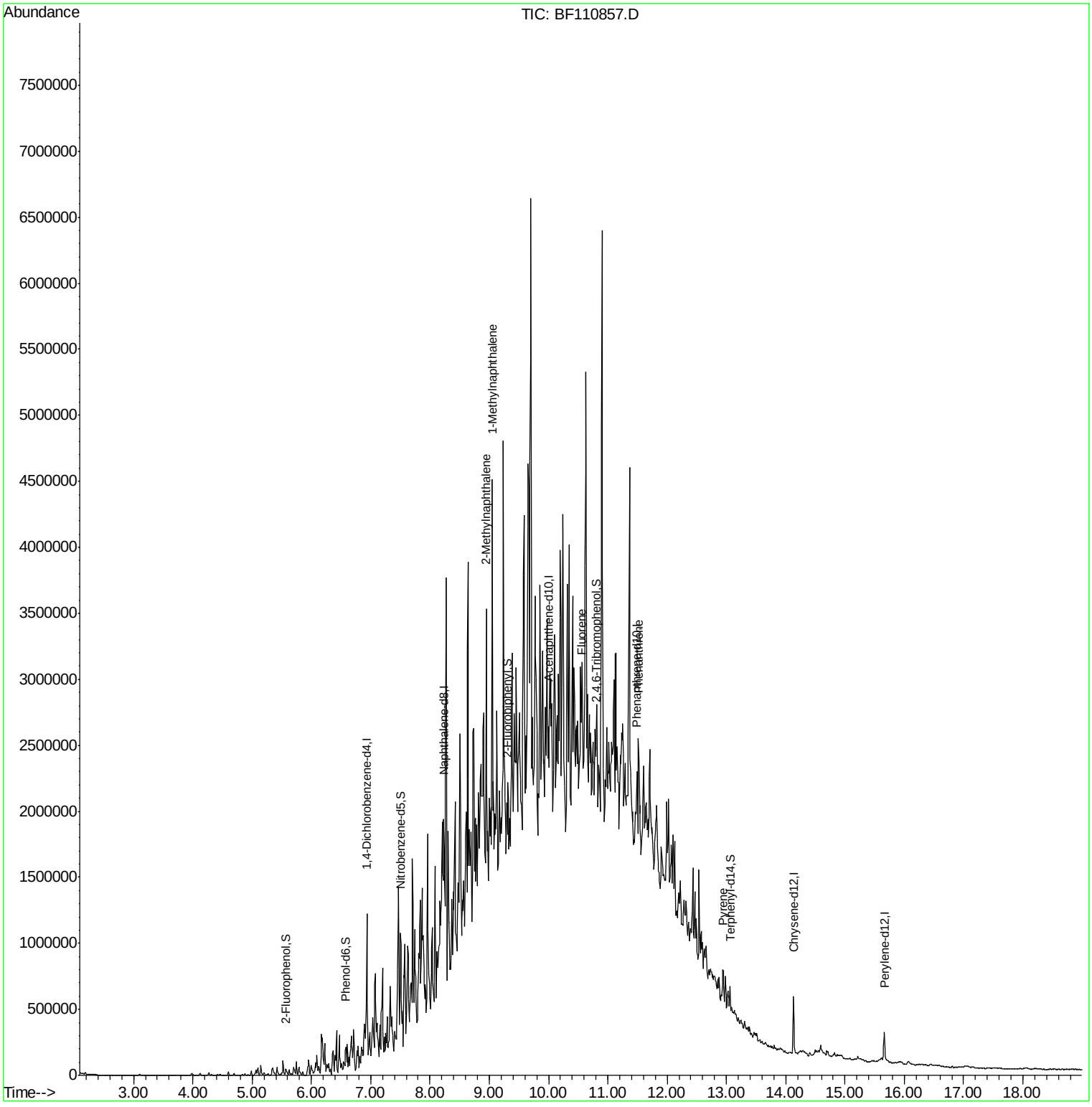
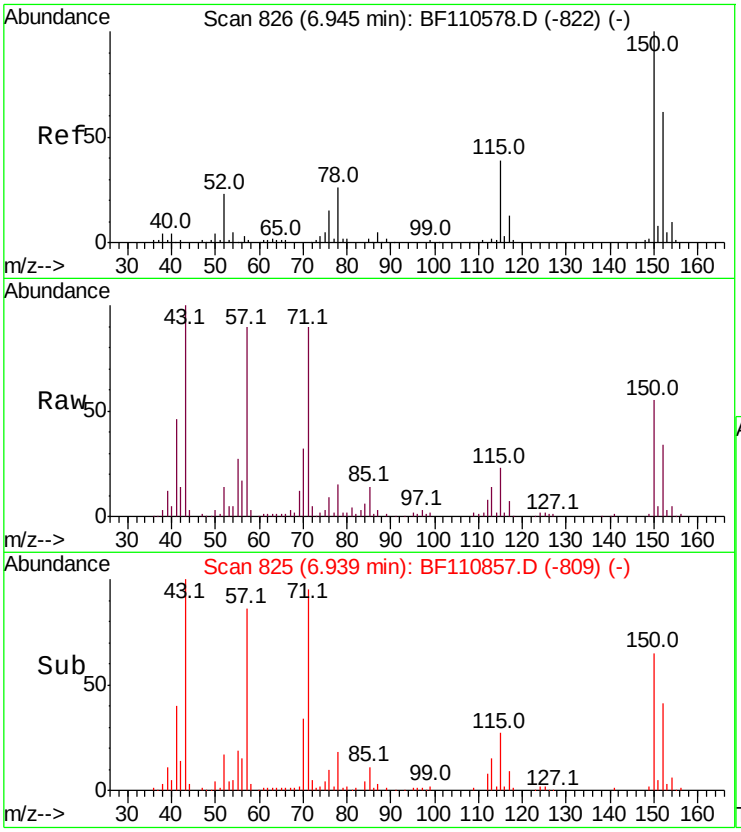


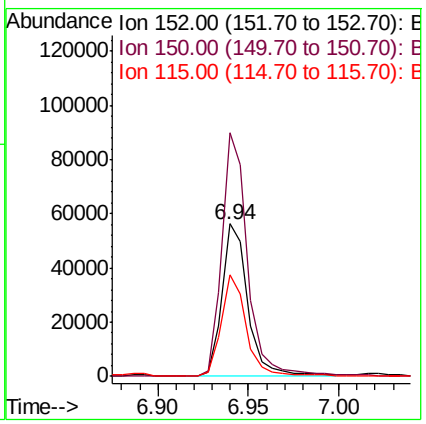


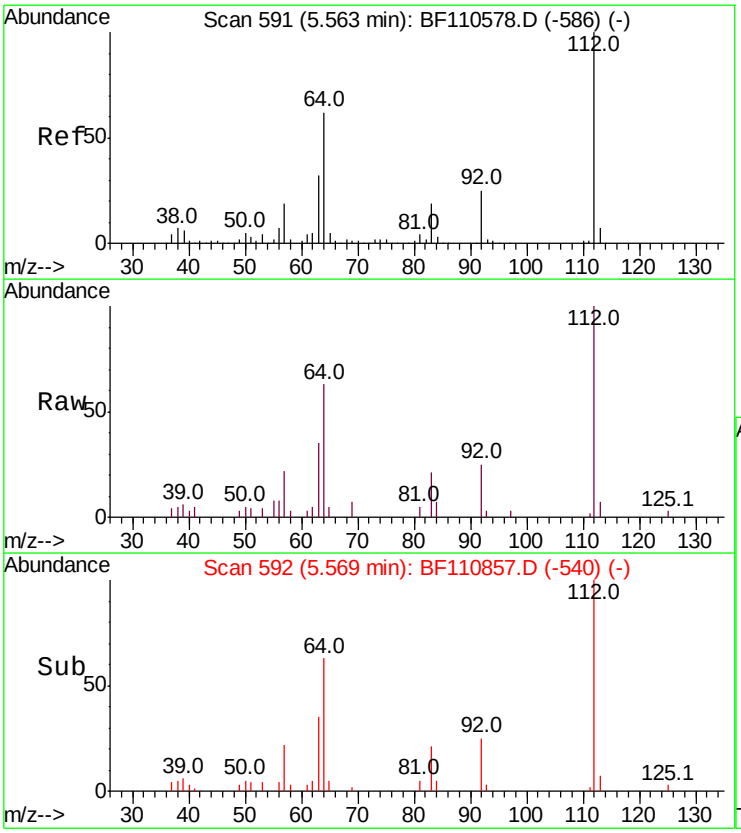
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:152 Resp: 56286

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	66.6	49.1	73.7

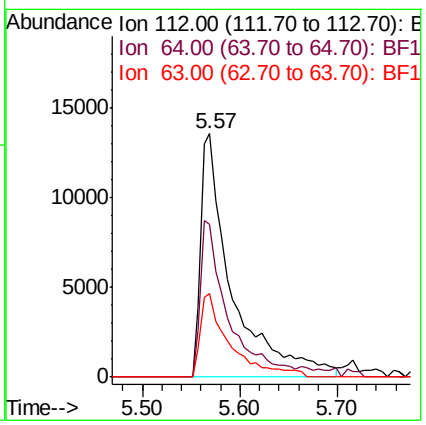


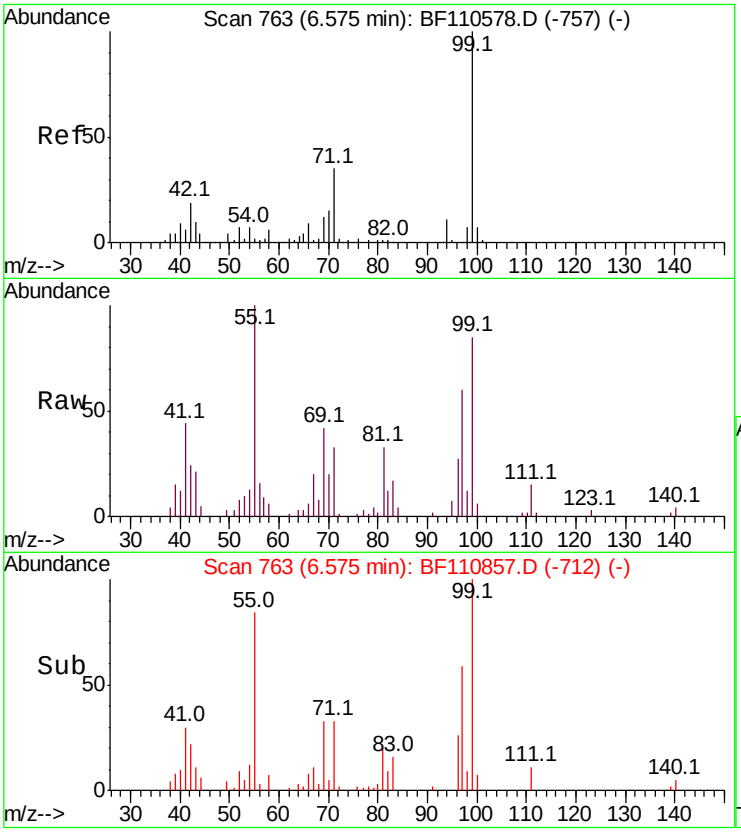


#5
2-Fluorophenol
Concen: 8.689 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:112 Resp: 30110

Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.1	66.1
63	34.5	23.7	35.5



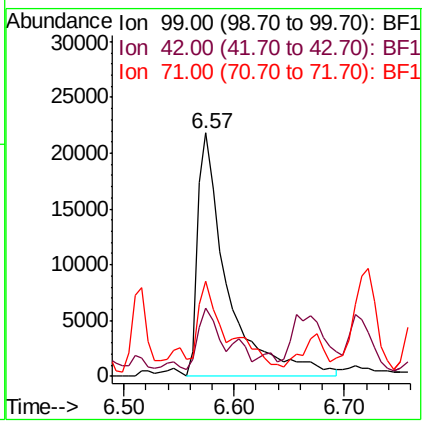


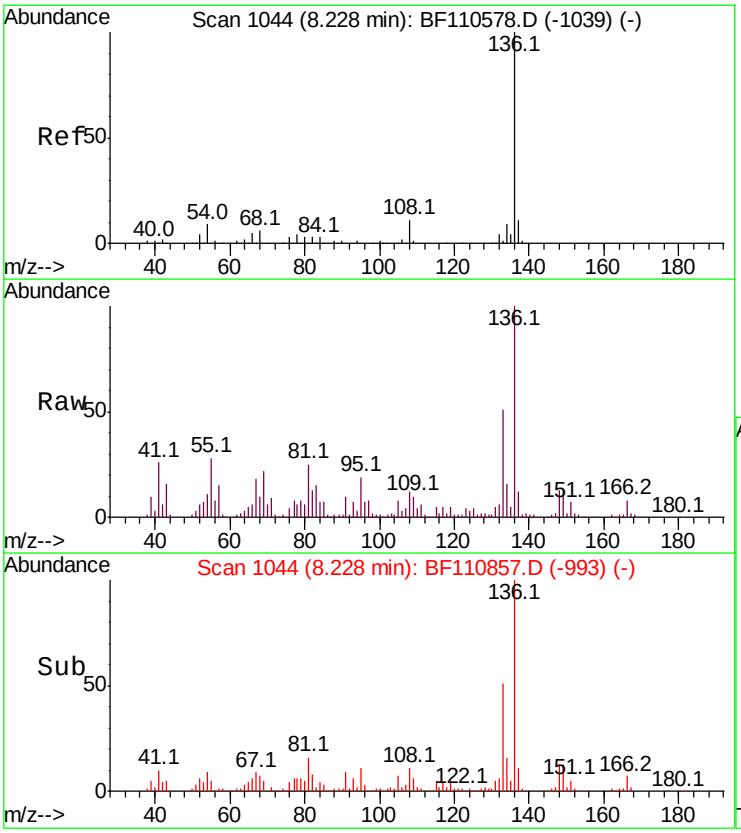
#7
Phenol-d6
Concen: 8.978 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion: 99 Resp: 39782

Ion	Ratio	Lower	Upper
99	100		
42	28.0	15.8	23.6#
71	39.3	28.0	42.0

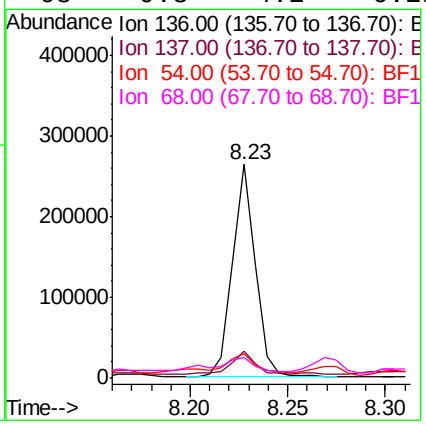


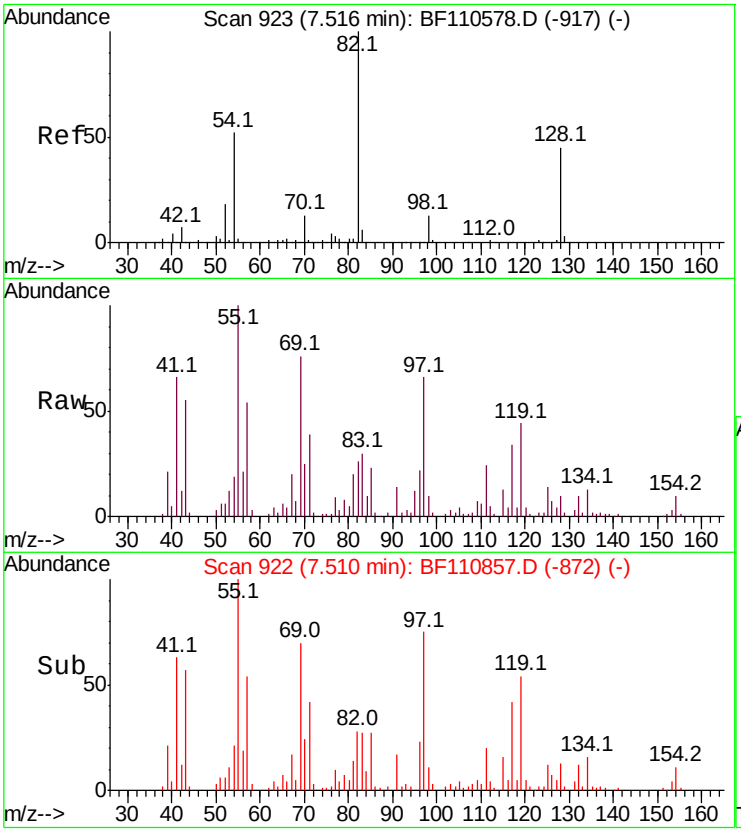


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:136 Resp: 216795

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.8	13.2
54	11.3	5.4	8.2#
68	9.8	4.2	6.2#



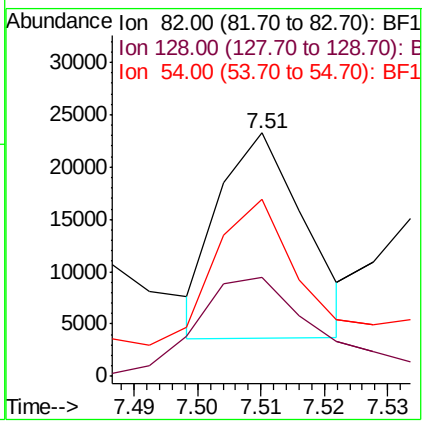


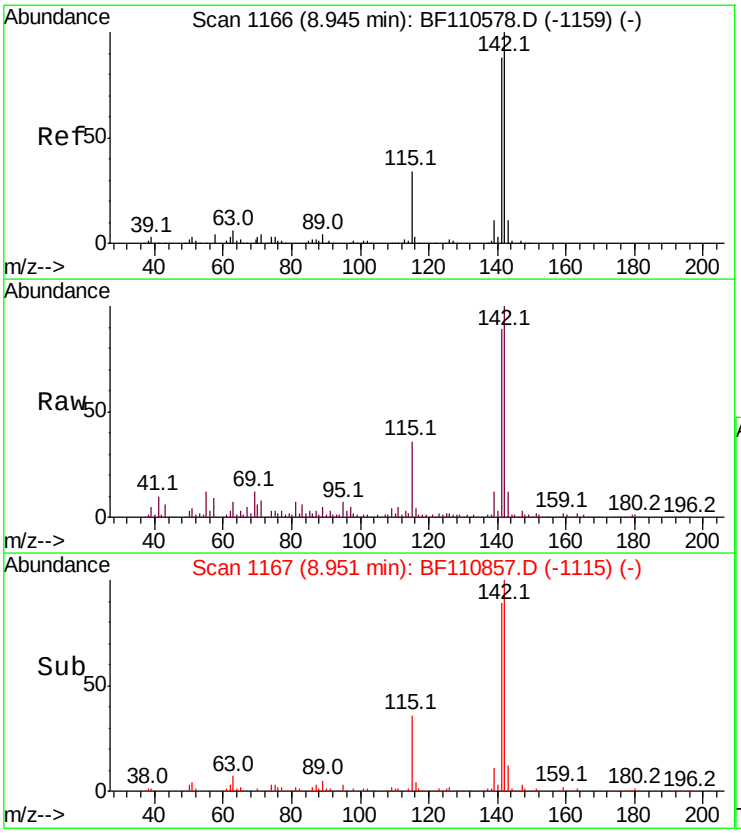
#23
Nitrobenzene-d5
Concen: 4.867 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion: 82 Resp: 18322

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.2	51.2
54	72.6	38.6	58.0#

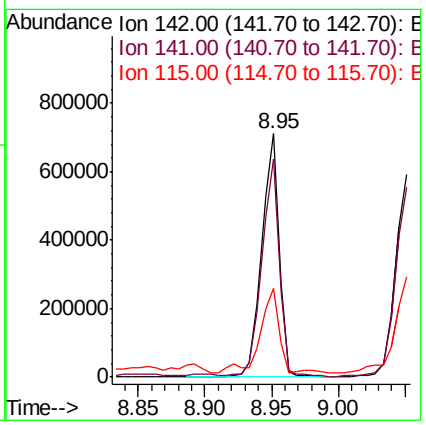


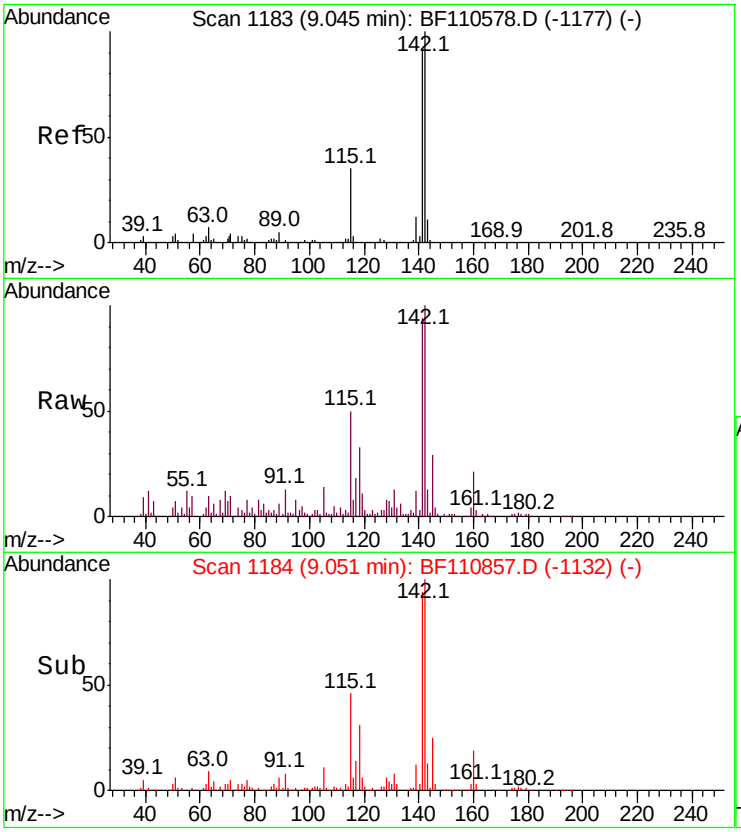


#37
2-Methylnaphthalene
Concen: 95.333 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:142 Resp: 636040

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	36.2	28.7	43.1



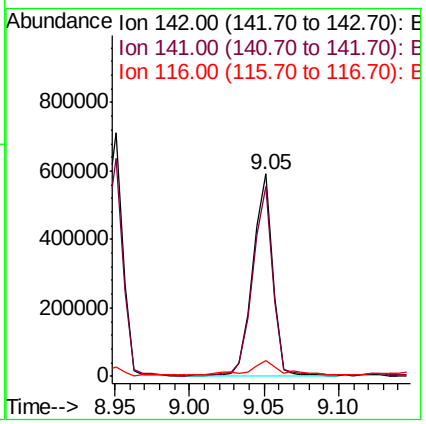


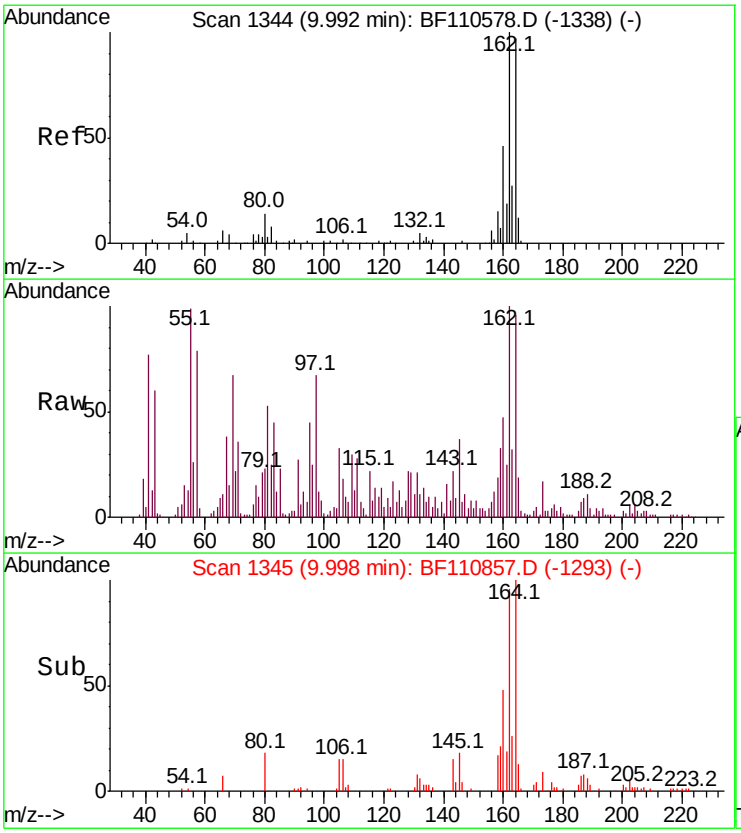
#38
1-Methylnaphthalene
Concen: 83.537 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:142 Resp: 535995

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.4
116	7.7	2.6	4.0#

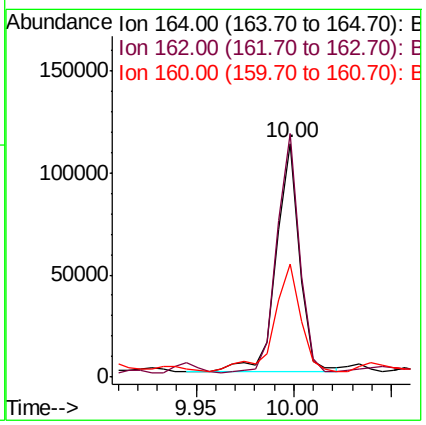


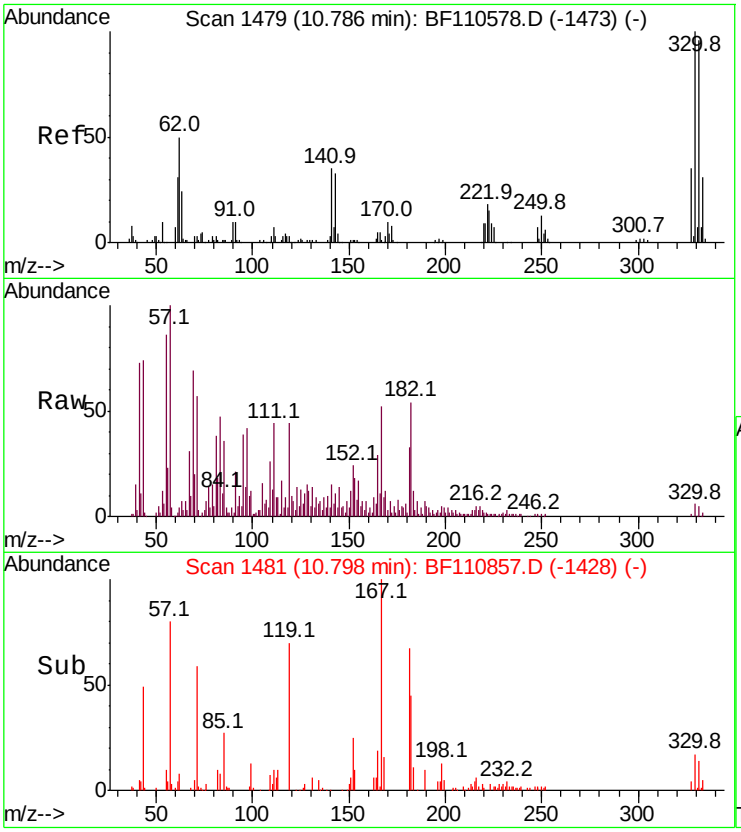


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:164 Resp: 92417

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	48.6	37.0	55.6



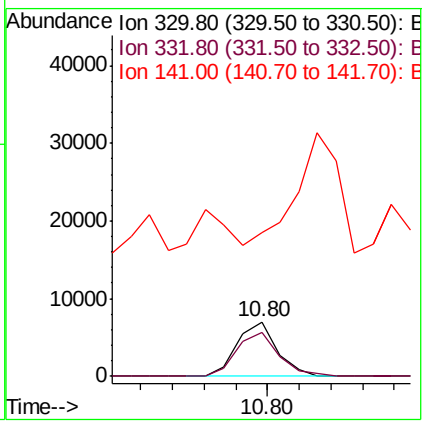


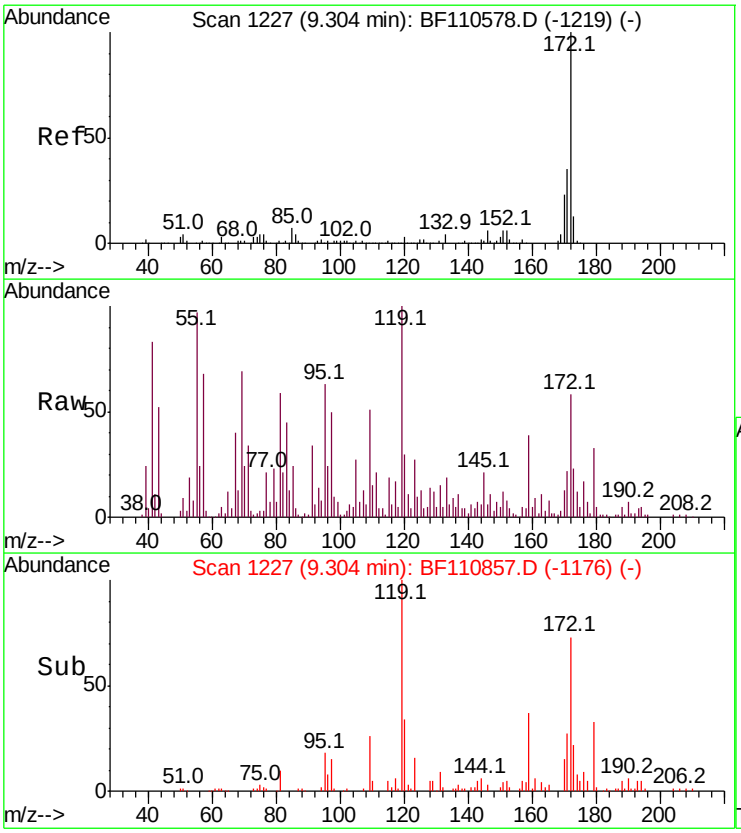
#42
2,4,6-Tribromophenol
Concen: 6.525 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:330 Resp: 6076

Ion	Ratio	Lower	Upper
330	100		
332	86.6	77.1	115.7
141	212.2	27.0	40.4#

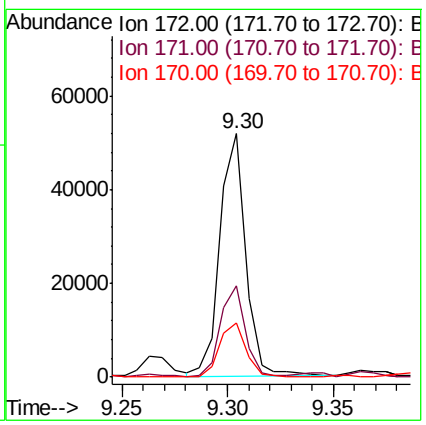


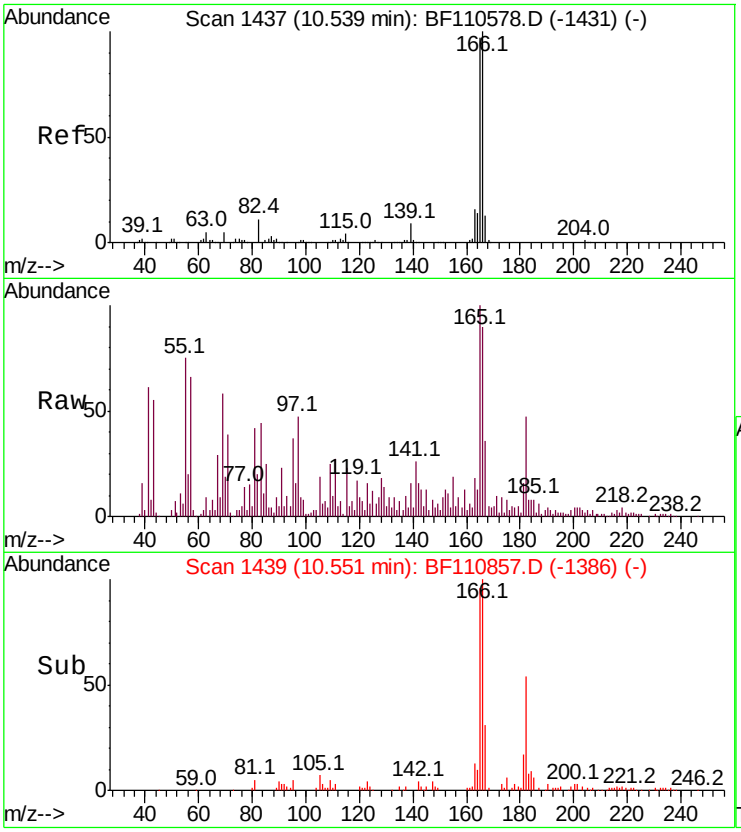


#45
2-Fluorobiphenyl
Concen: 6.756 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:172 Resp: 43719

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	22.4	19.7	29.5



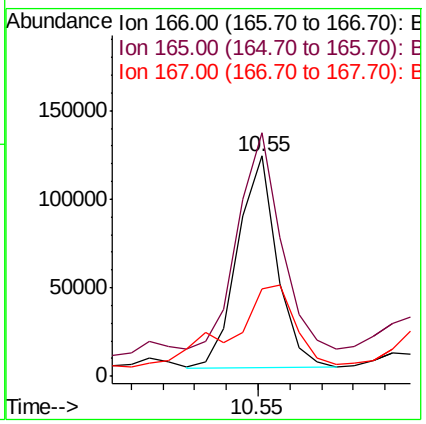


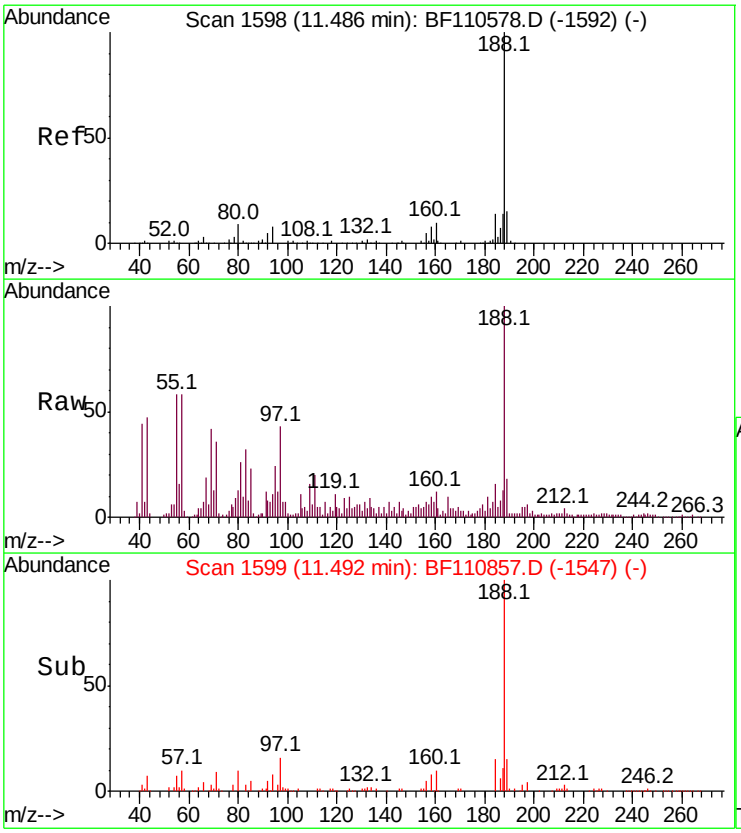
#58
Fluorene
Concen: 16.123 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:166 Resp: 102424

Ion	Ratio	Lower	Upper
166	100		
165	110.7	78.6	117.8
167	39.8	10.8	16.2#

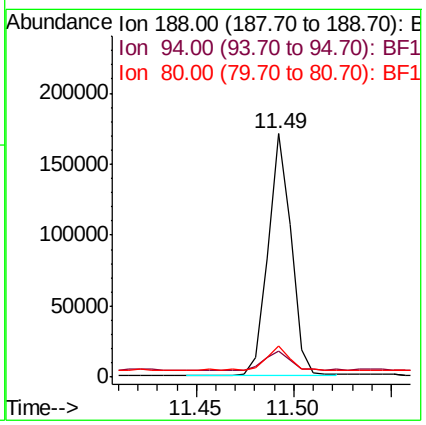


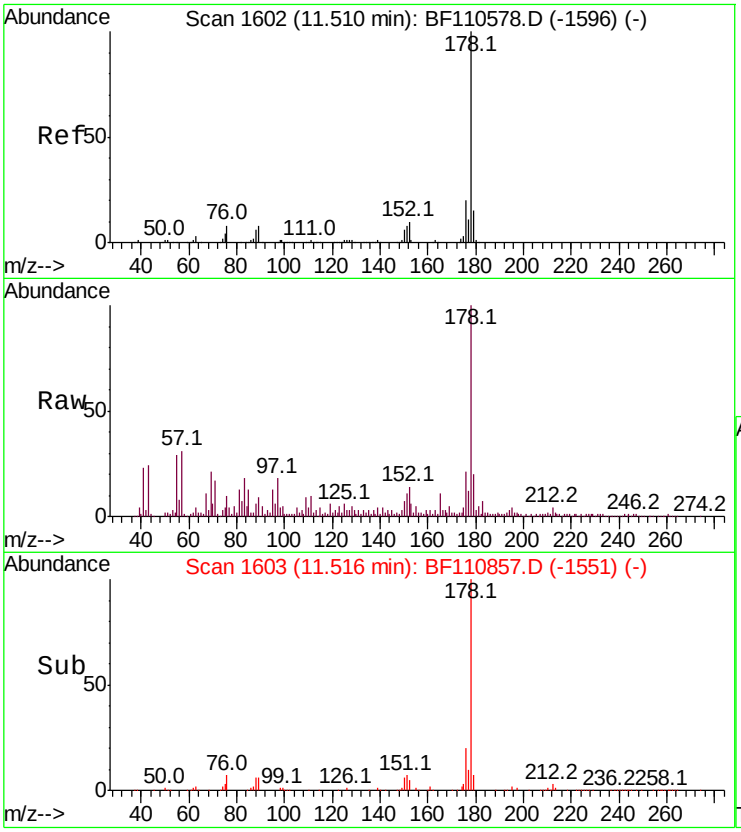


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:188 Resp: 138906

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.2	10.8#
80	12.8	7.9	11.9#



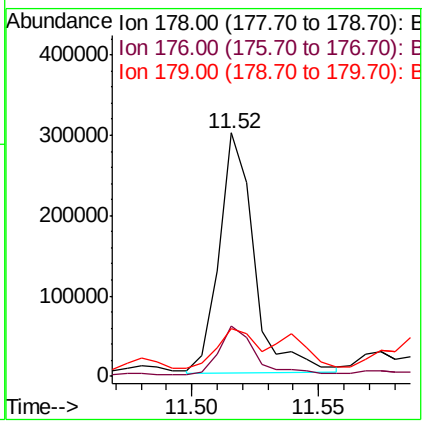


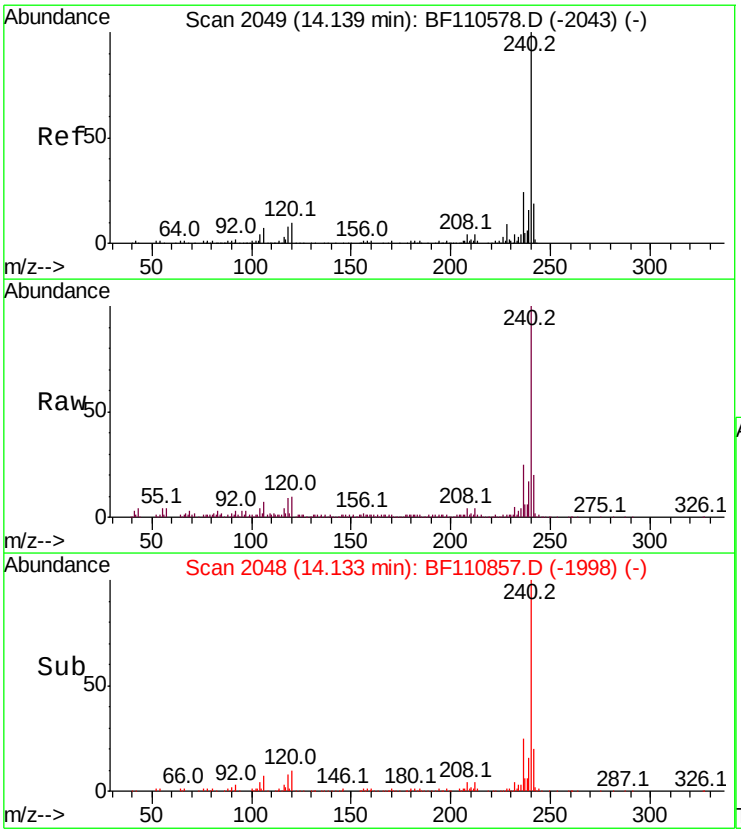
#71
Phenanthrene
Concen: 38.667 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:178 Resp: 287753

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	19.7	12.5	18.7#

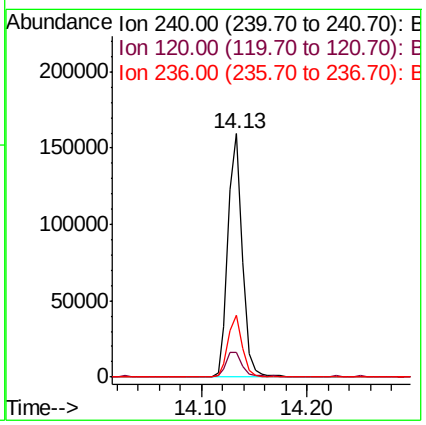


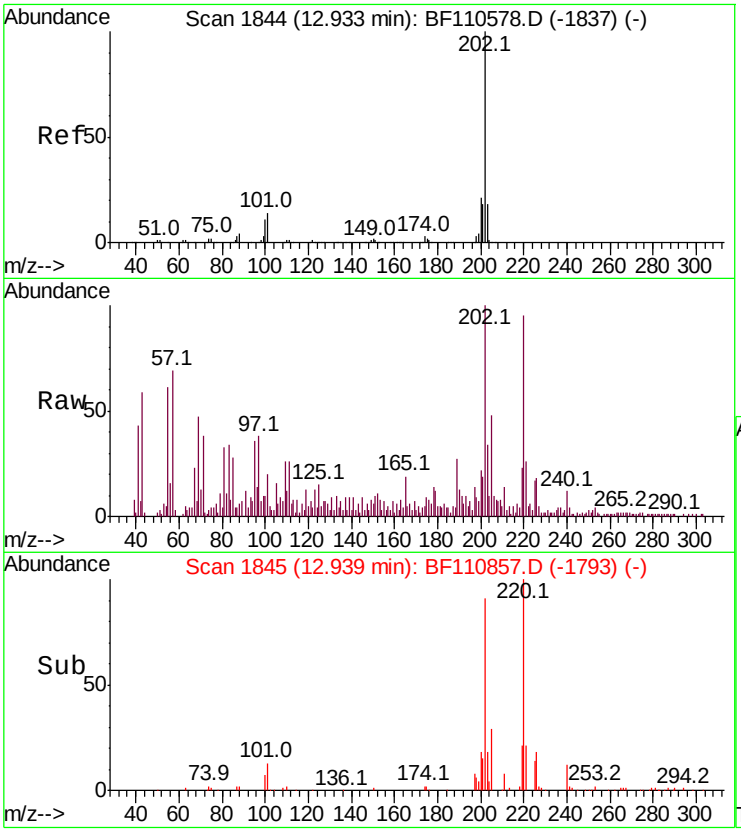


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:240 Resp: 149370

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.3	21.2	31.8



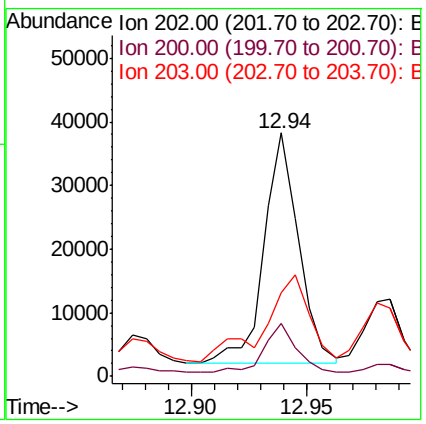


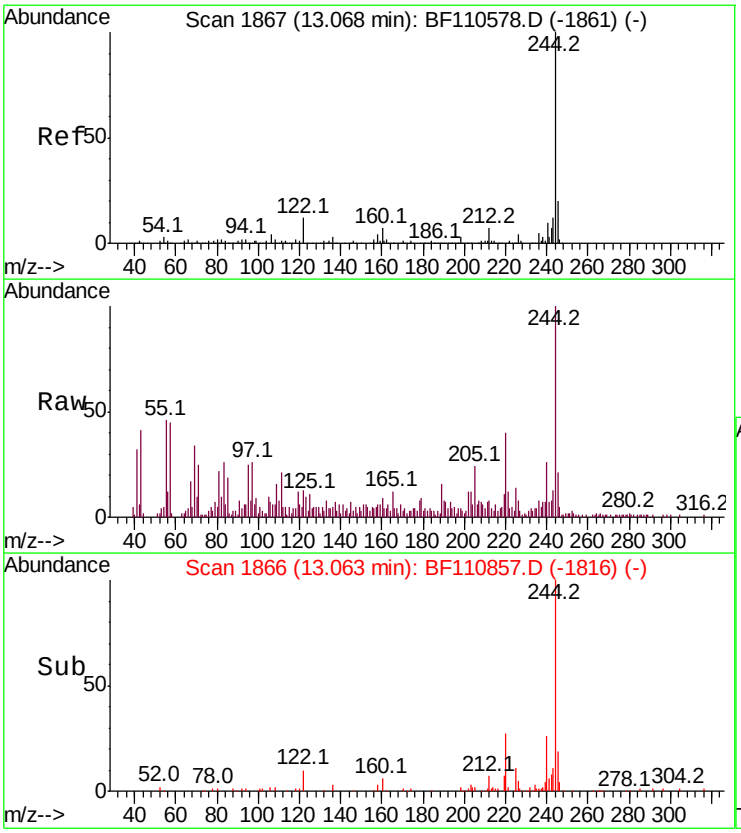
#78
Pyrene
Concen: 3.273 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:202 Resp: 37644

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	34.4	14.2	21.4#

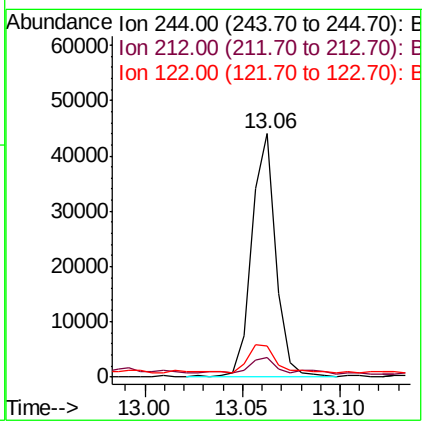


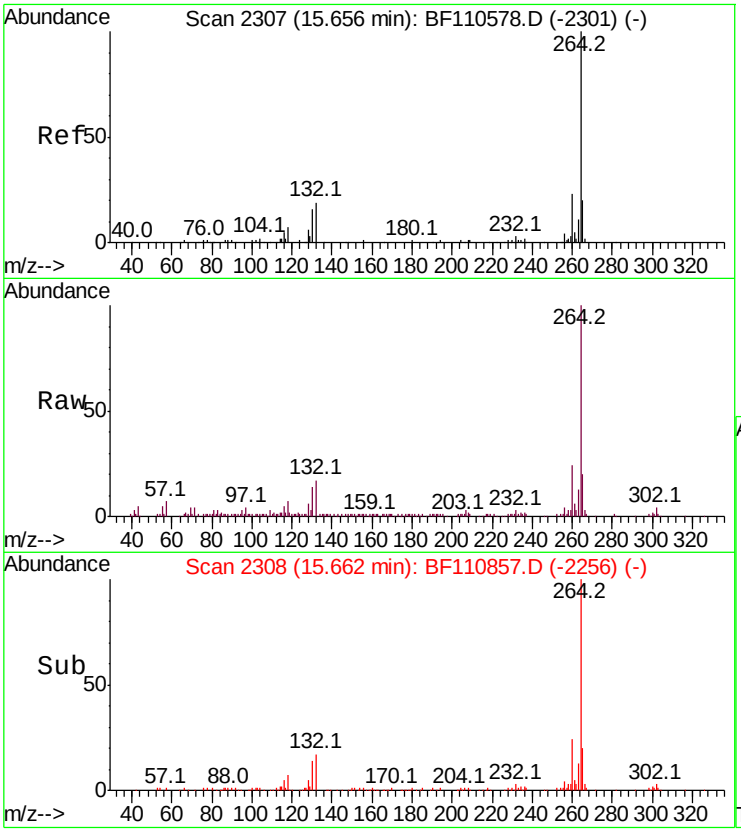


#79
Terphenyl-d14
Concen: 4.698 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:244 Resp: 37471

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	12.7	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL

Tgt Ion:264 Resp: 108247

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.2	16.7	25.1