Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109157.D
Acq On : 19 Sep 2018 21:24
Operator : JU/SJ
Sample : J4931-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 091418-JETT-E-D-B

Quant Time: Sep 20 05:31:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135825	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	487927	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204067	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	338243	20.00	ng	0.00
75) Chrysene-d12	13.85	240	335290	20.00	ng	0.00
86) Perylene-d12	15.26	264	314442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	330525	40.42	ng	0.00
7) Phenol-d6	6.35	99	258690	24.53	ng	-0.01
23) Nitrobenzene-d5	7.28	82	778576	89.50	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	158117	71.40	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1321837	101.48	ng	0.00
78) Terphenyl-d14	12.81	244	1190861	84.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	31365	2.150	ng	# 99

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

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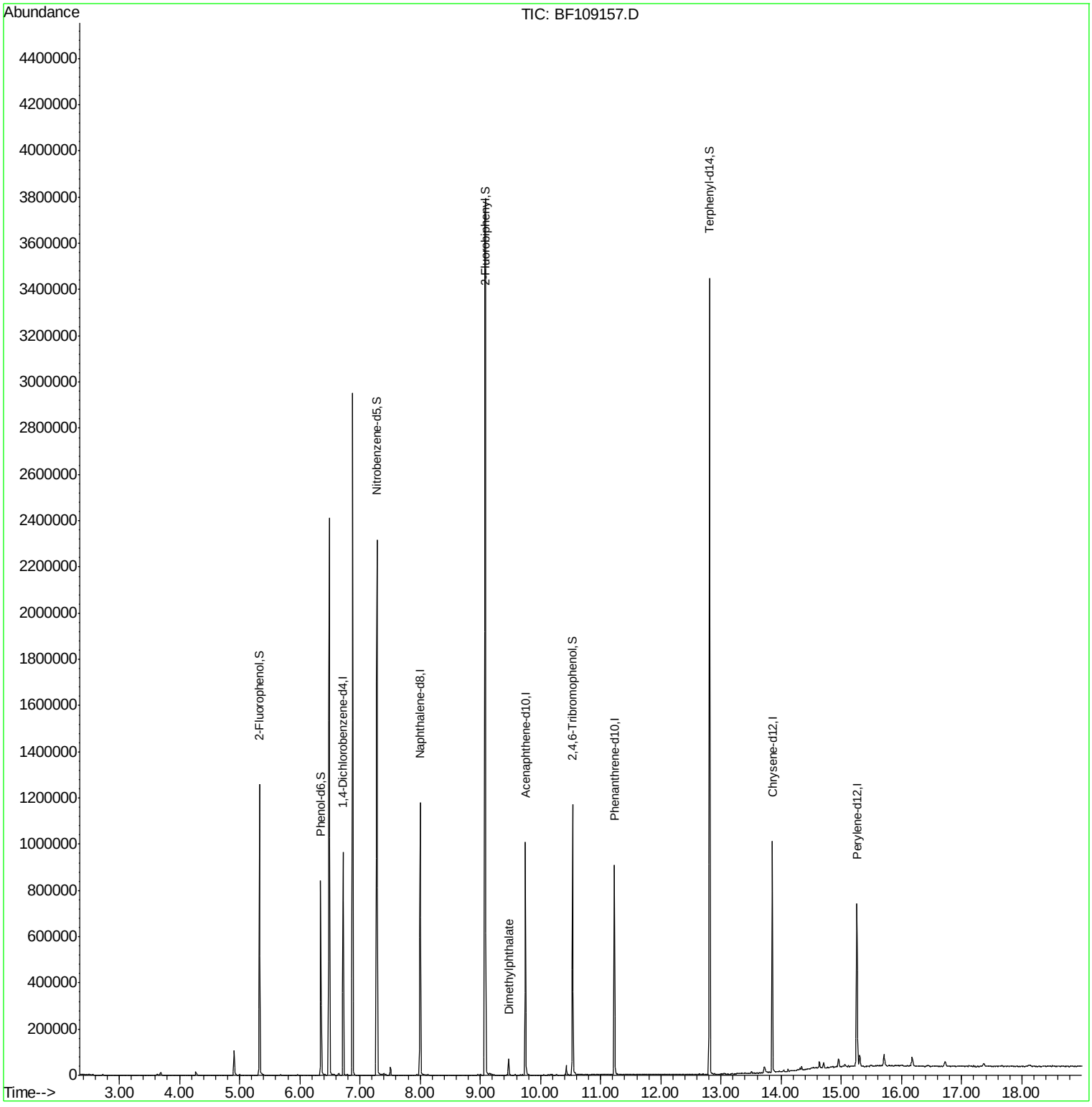
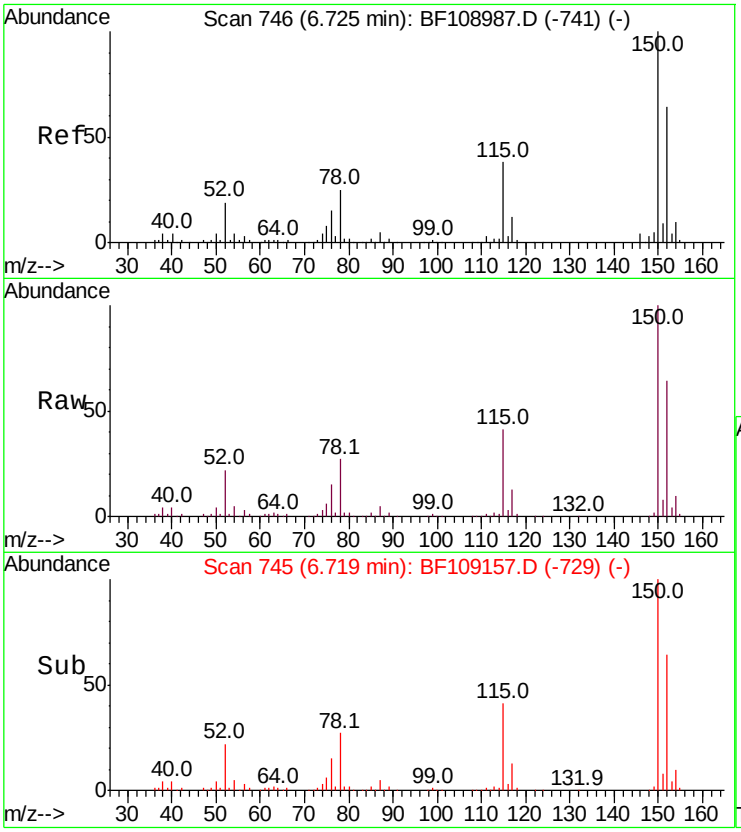
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



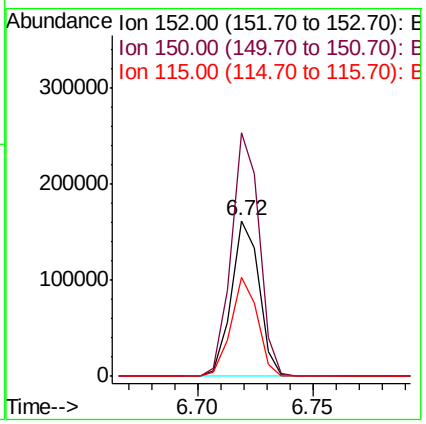


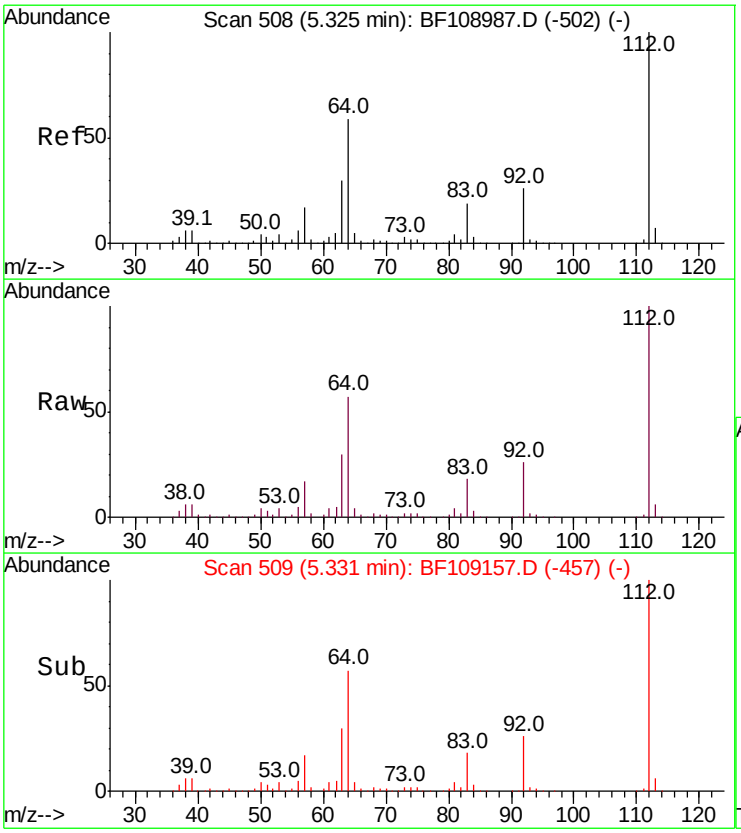
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:152 Resp: 135825

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.0	50.1	75.1

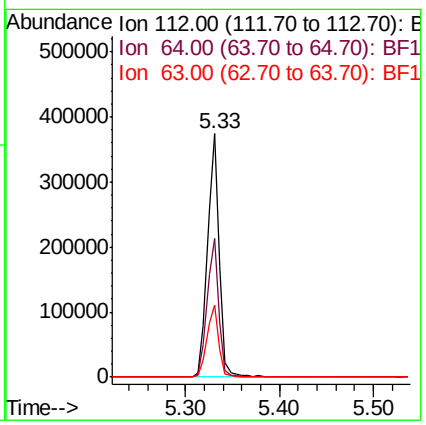


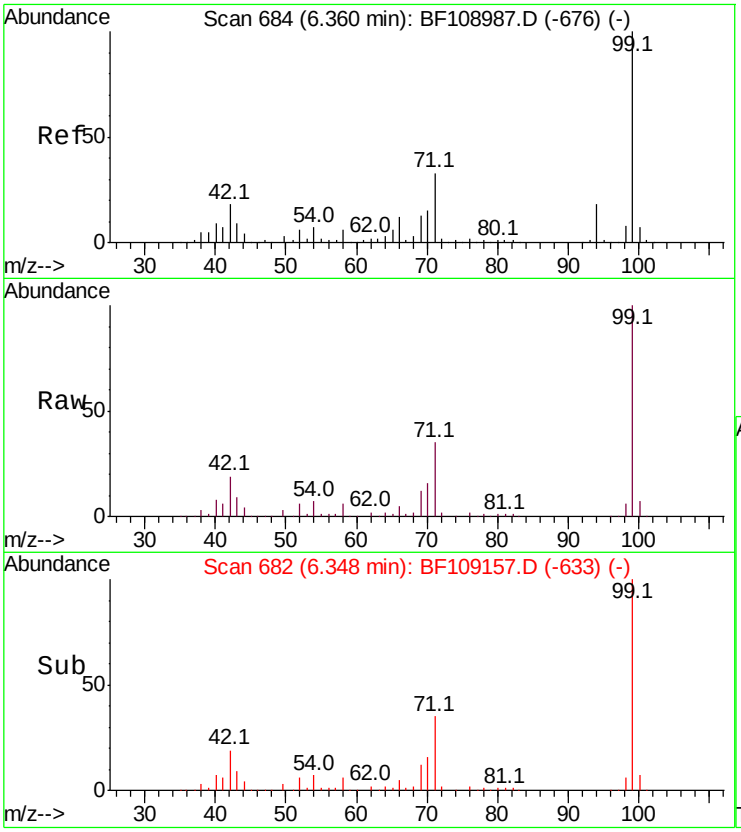


#5
2-Fluorophenol
Concen: 40.417 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:112 Resp: 330525

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	29.5	23.7	35.5



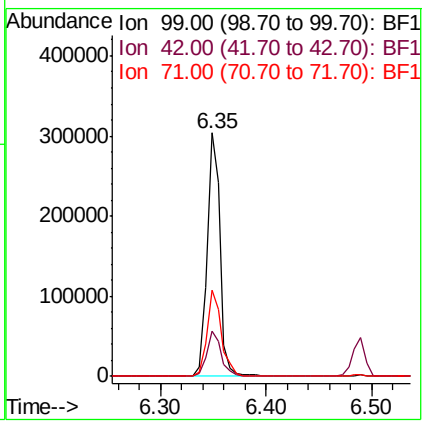


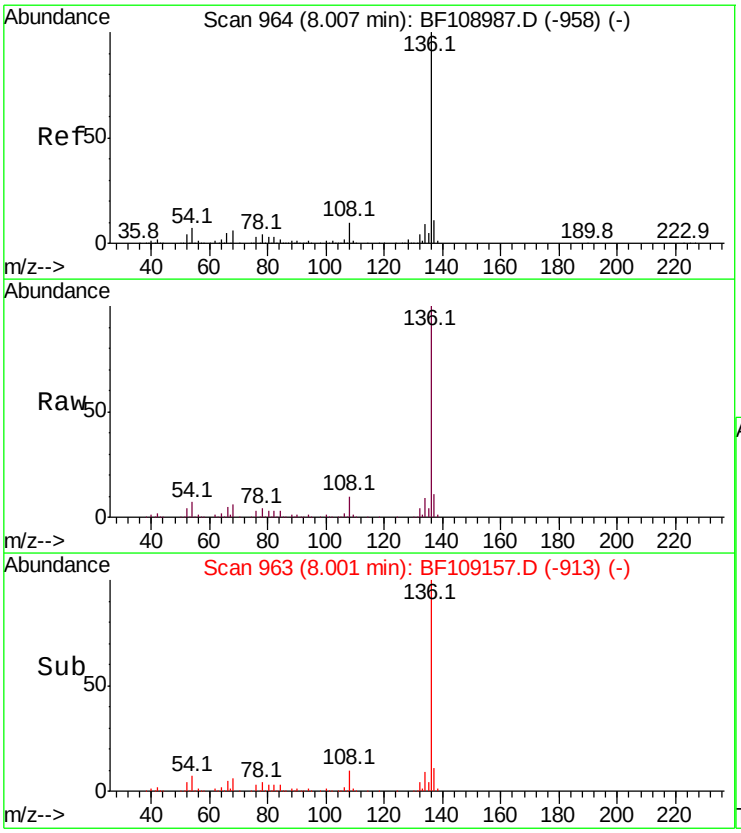
#7
Phenol-d6
Concen: 24.532 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion: 99 Resp: 258690

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	35.1	25.4	38.0

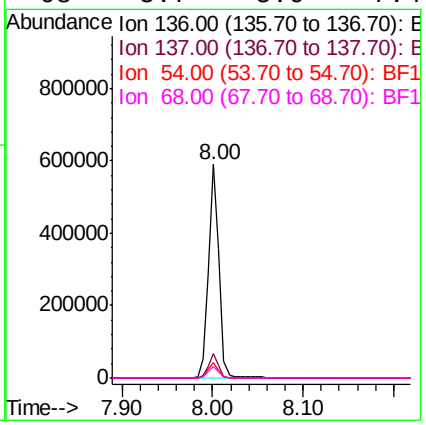


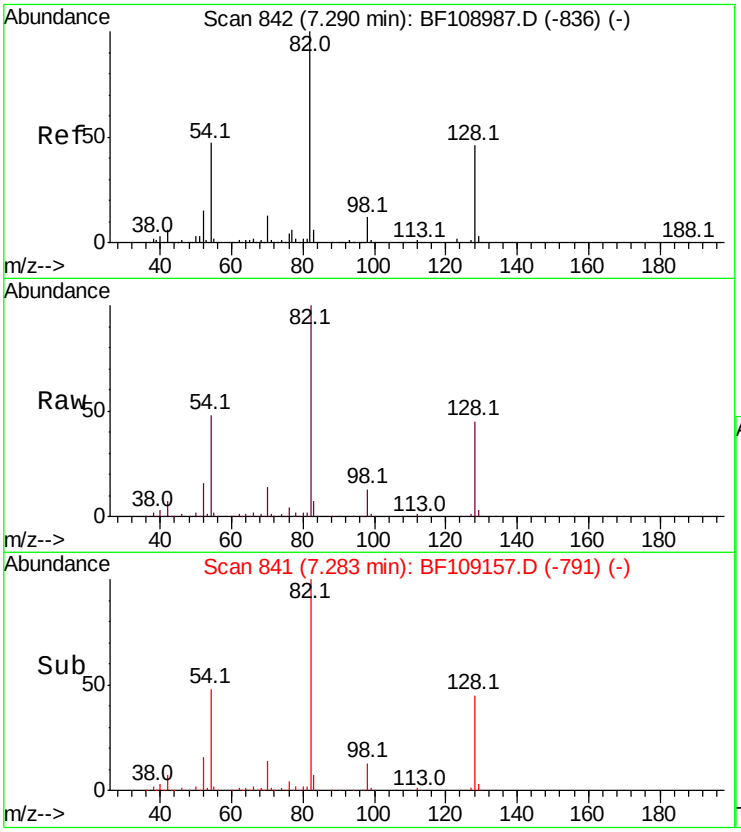


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:136 Resp: 487927

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4



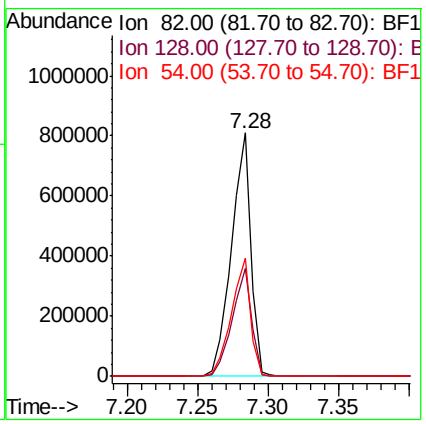


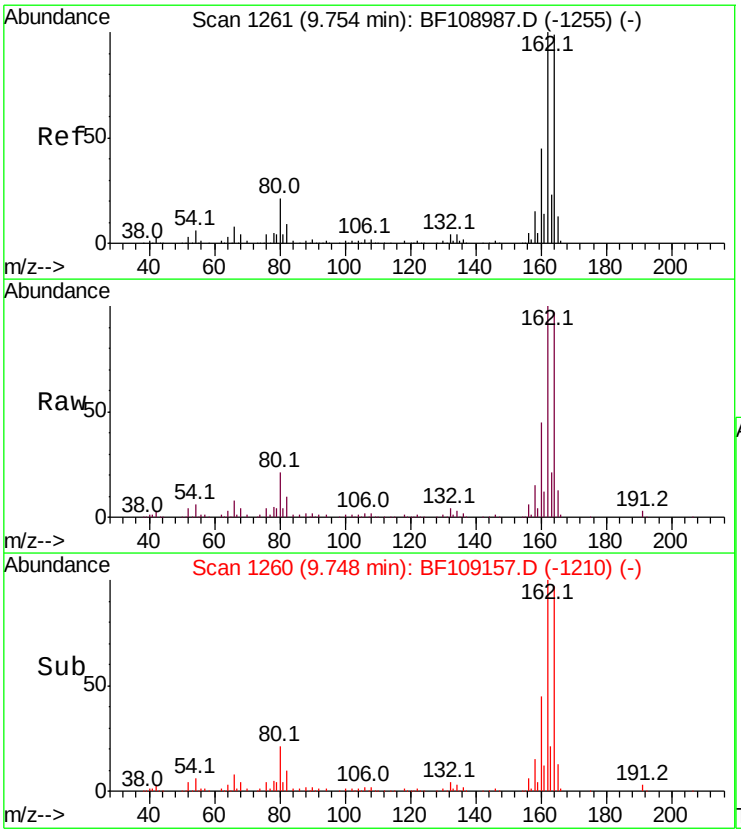
#23
Nitrobenzene-d5
Concen: 89.499 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion: 82 Resp: 778576

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.3	41.4	62.2

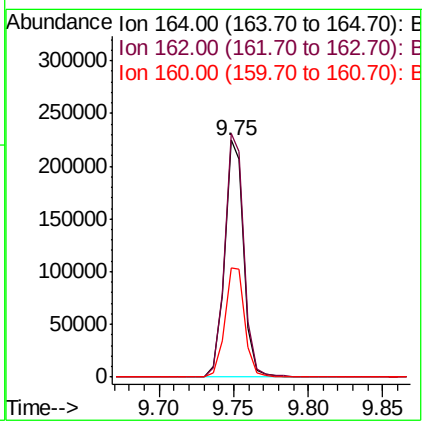


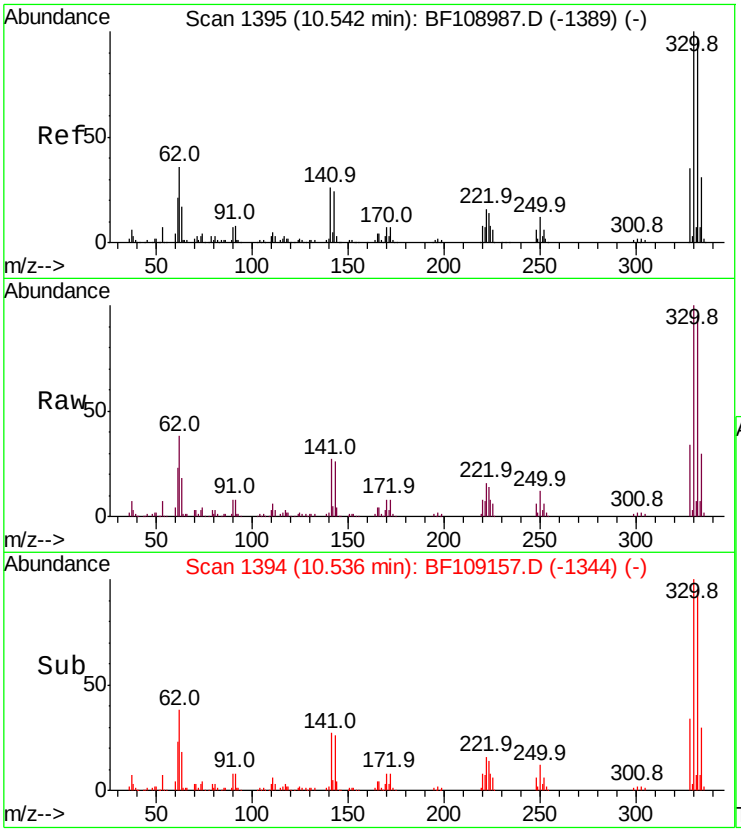


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:164 Resp: 204067

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.9	38.3	57.5



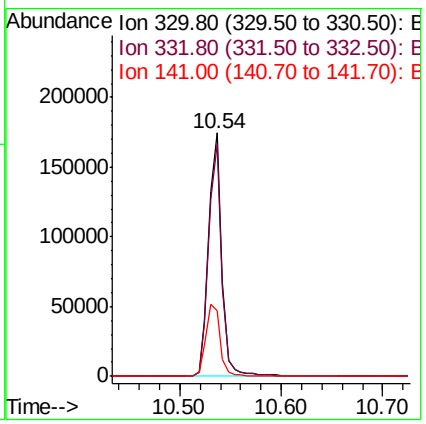


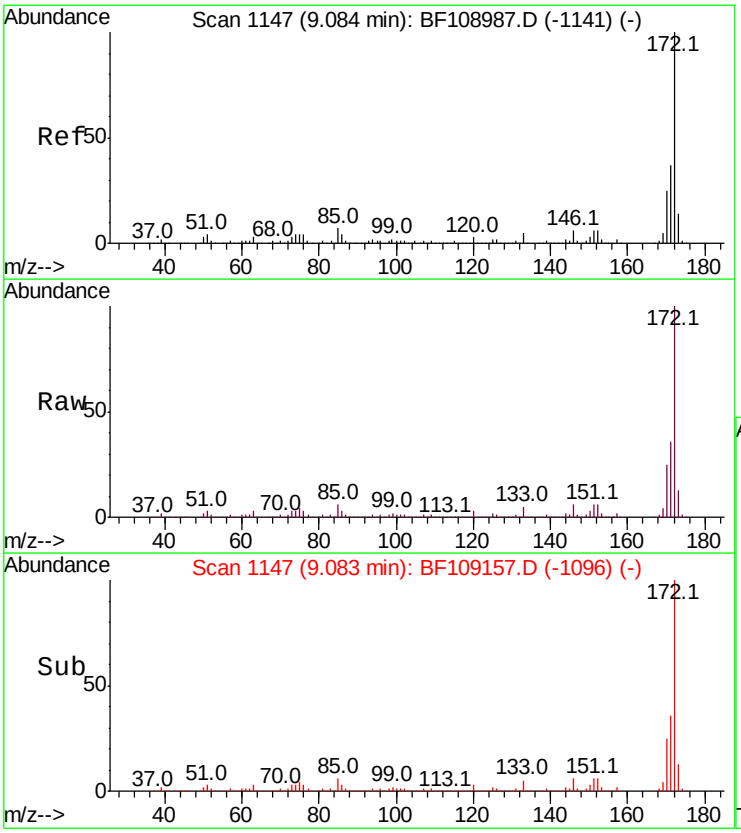
#41
2,4,6-Tribromophenol
Concen: 71.395 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:330 Resp: 158117

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.9	29.9	44.9

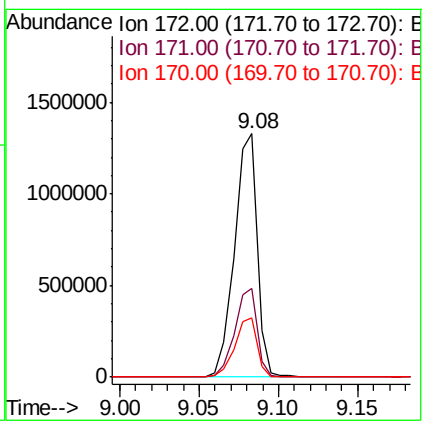


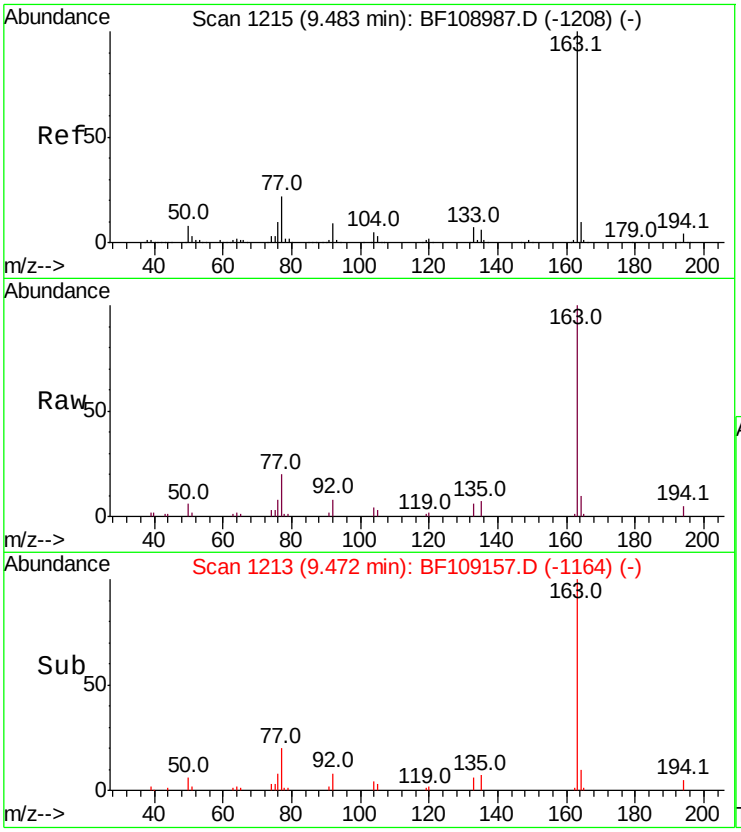


#44
2-Fluorobiphenyl
Concen: 101.484 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:172 Resp: 1321837

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



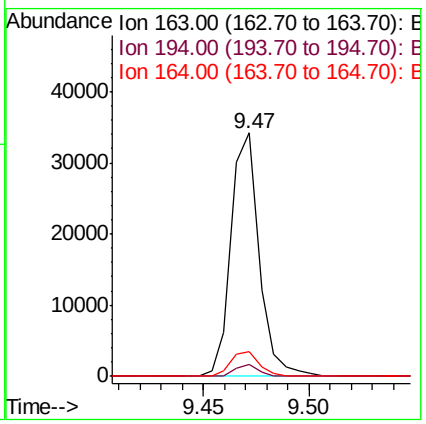


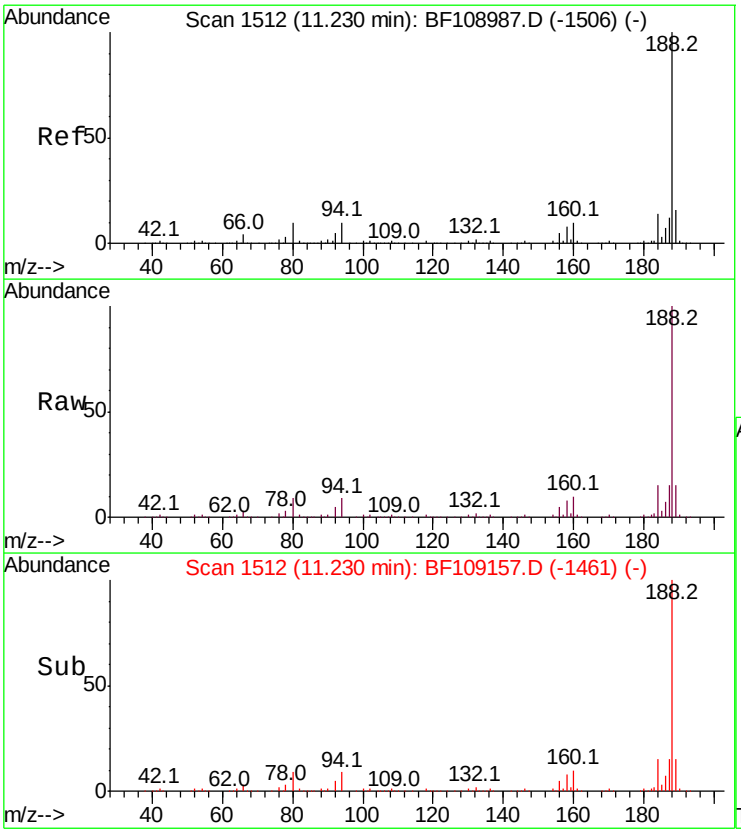
#49
Dimethylphthalate
Concen: 2.150 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:163 Resp: 31365

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.1	8.2	12.2

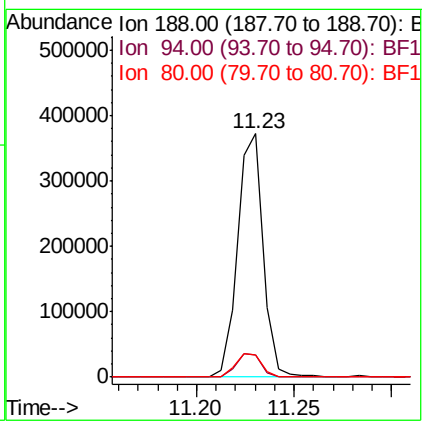


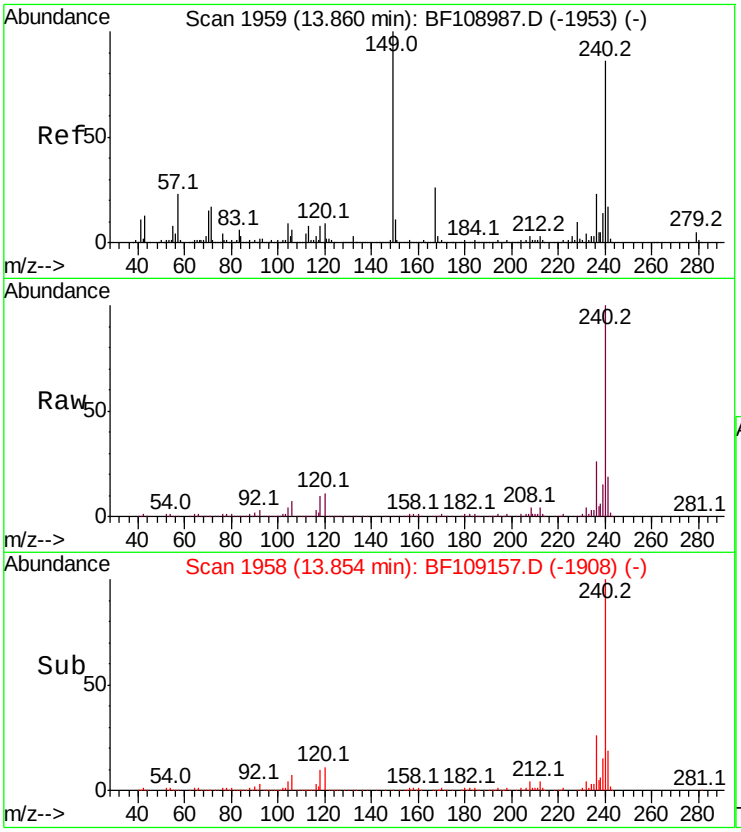


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:188 Resp: 338243

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.0	9.2	13.8#



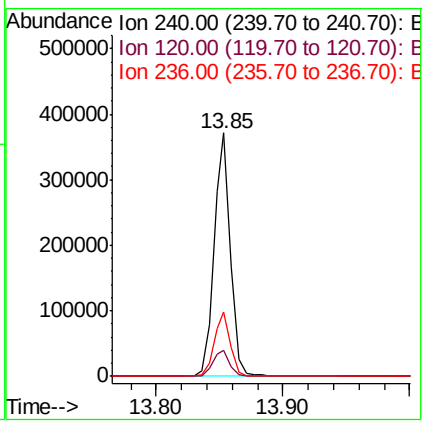


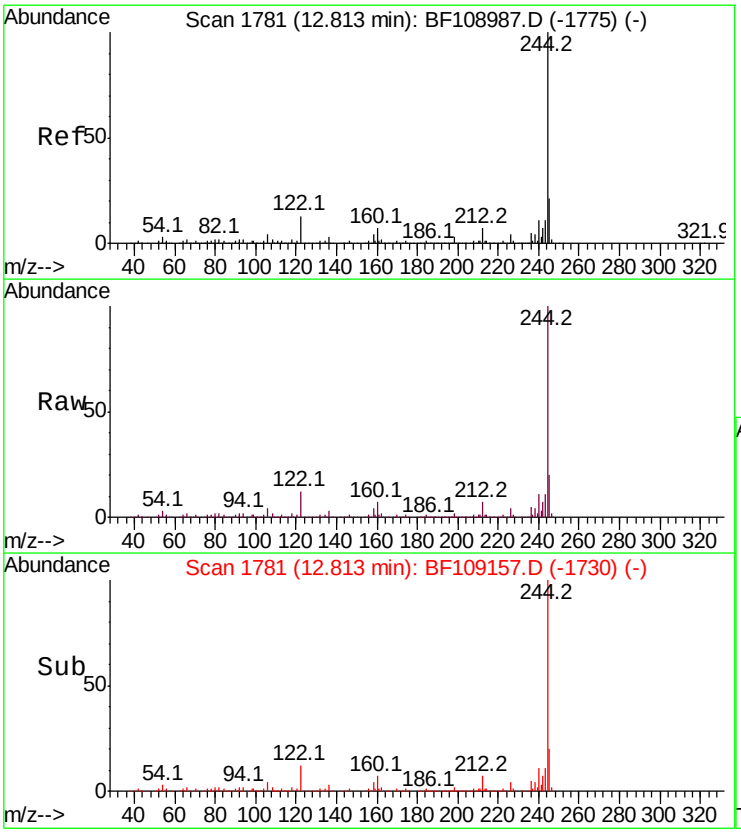
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:240 Resp: 335290

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1

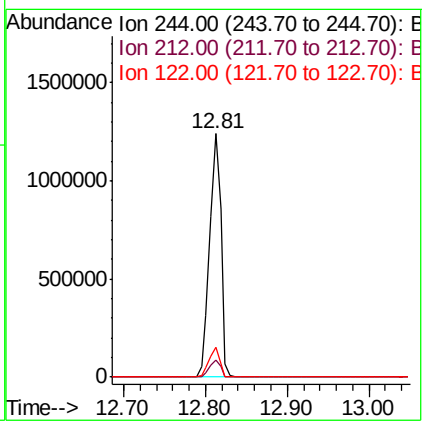


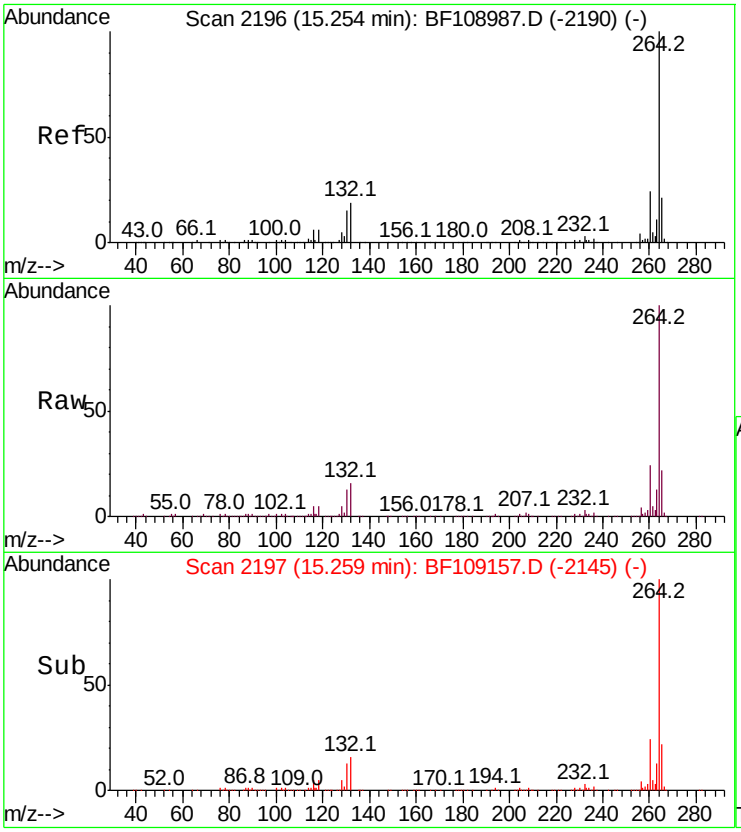


#78
Terphenyl-d14
Concen: 84.186 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:244 Resp: 1190861

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:264 Resp: 314442

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.5	26.3