Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109912.D
Acq On : 16 Oct 2018 18:20
Operator : JU/SJ
Sample : J5513-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-CUSA-BASE-1

Quant Time: Oct 17 05:06:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	220317	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	812713	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	329188	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	513019	20.00	ng	0.00
76) Chrysene-d12	14.16	240	532592	20.00	ng	0.00
87) Perylene-d12	15.68	264	531849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1492435	107.38	ng	0.00
7) Phenol-d6	6.60	99	1865146	108.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	1137217	94.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	304049	106.68	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1764785	85.54	ng	0.00
79) Terphenyl-d14	13.10	244	1408294	55.53	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.61	94	90778	4.872	ng	# 60
50) Dimethylphthalate	9.73	163	256911	11.022	ng	99

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

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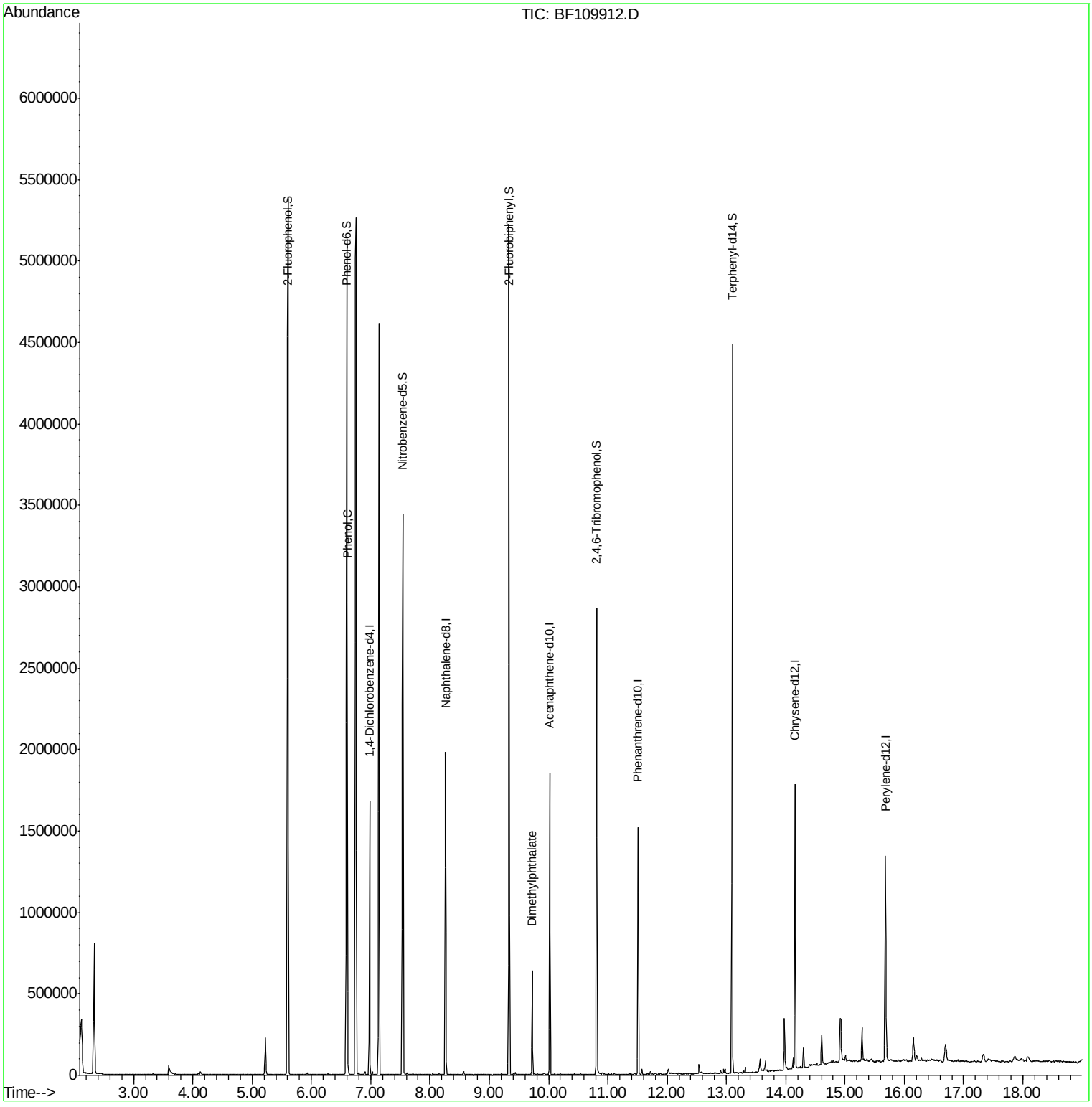
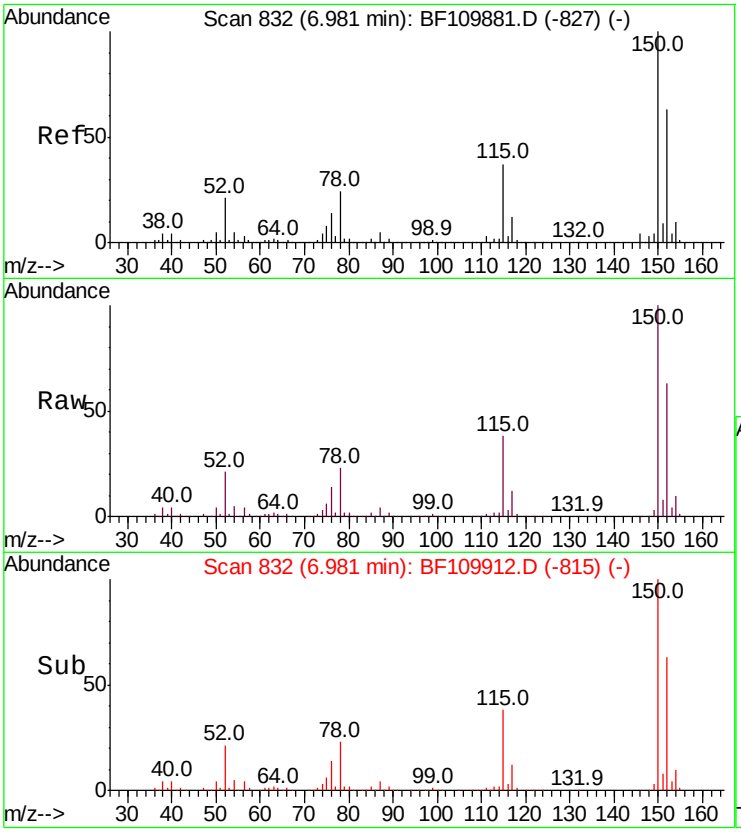
Response via : Initial Calibration



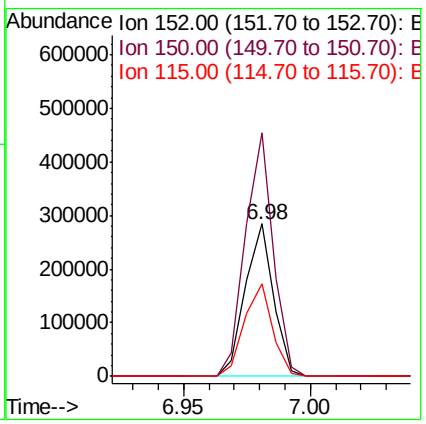


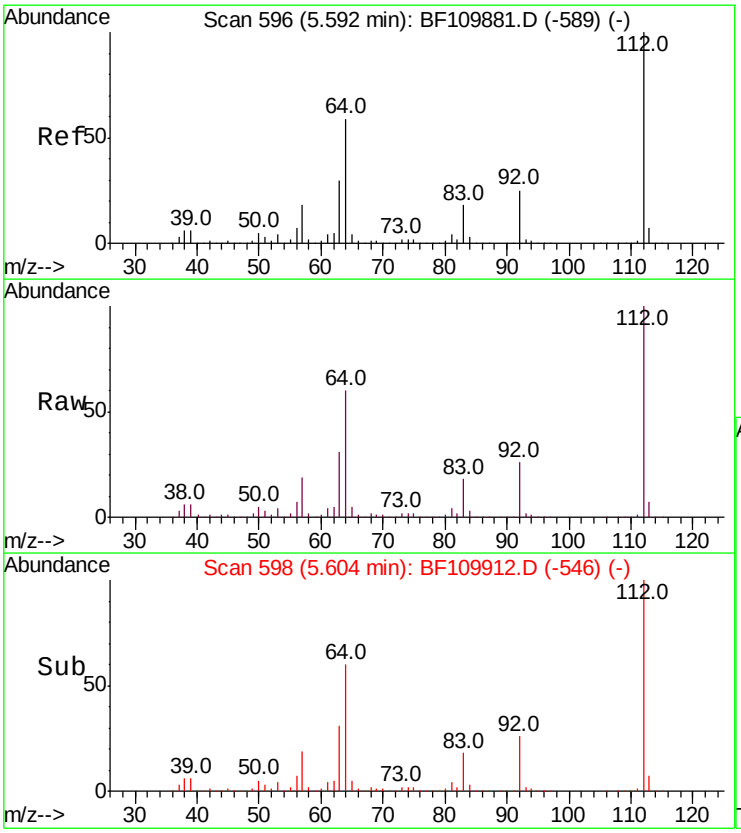
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion:152 Resp: 220317

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	61.2	49.1	73.7

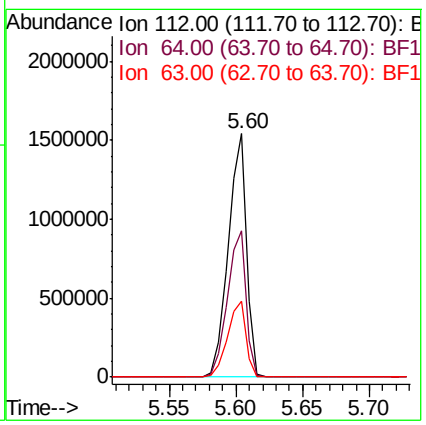


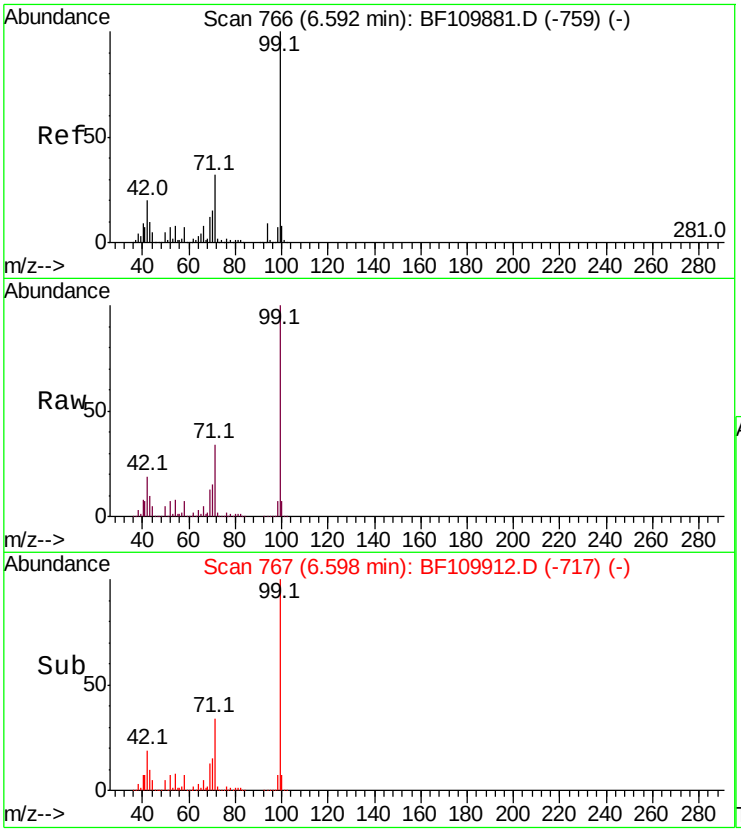


#5
2-Fluorophenol
Concen: 107.378 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:112 Resp: 1492435

Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.4	23.7	35.5



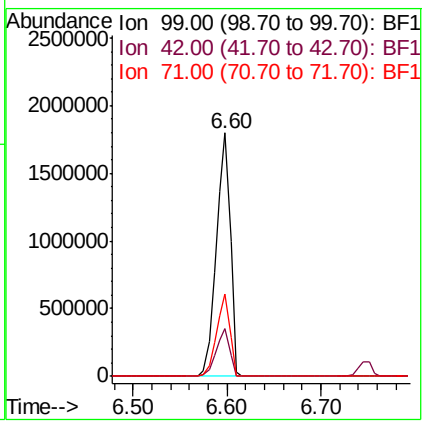


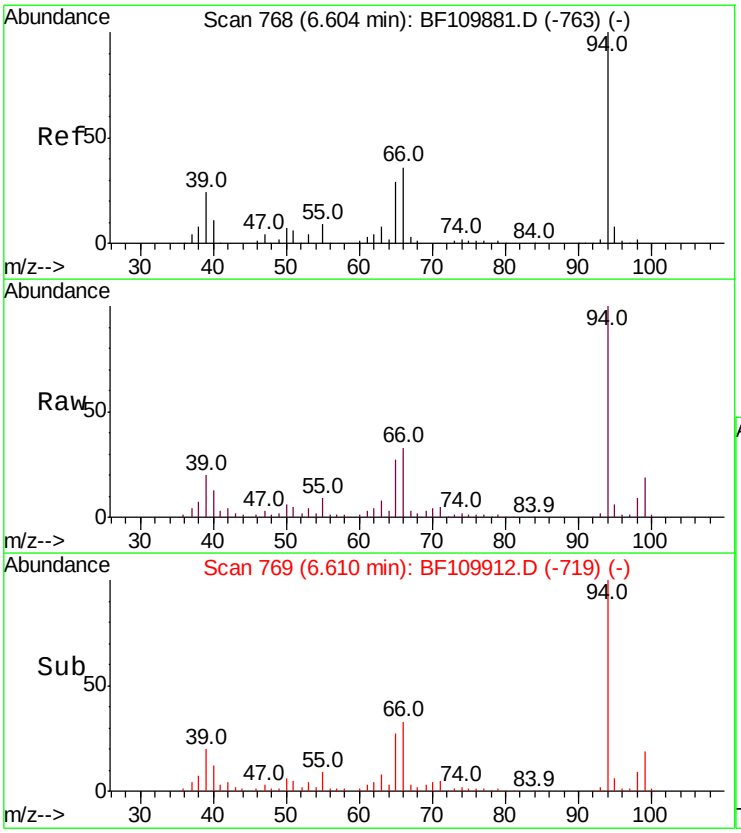
#7
Phenol-d6
Concen: 108.069 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion: 99 Resp: 1865146

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	33.7	28.0	42.0

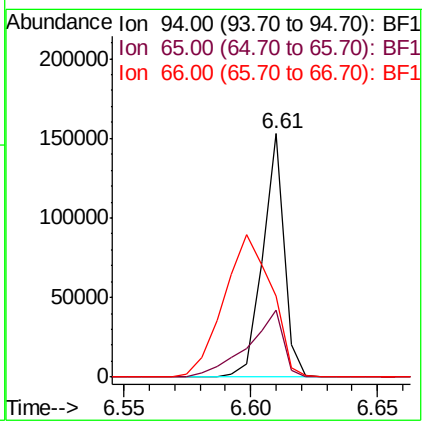


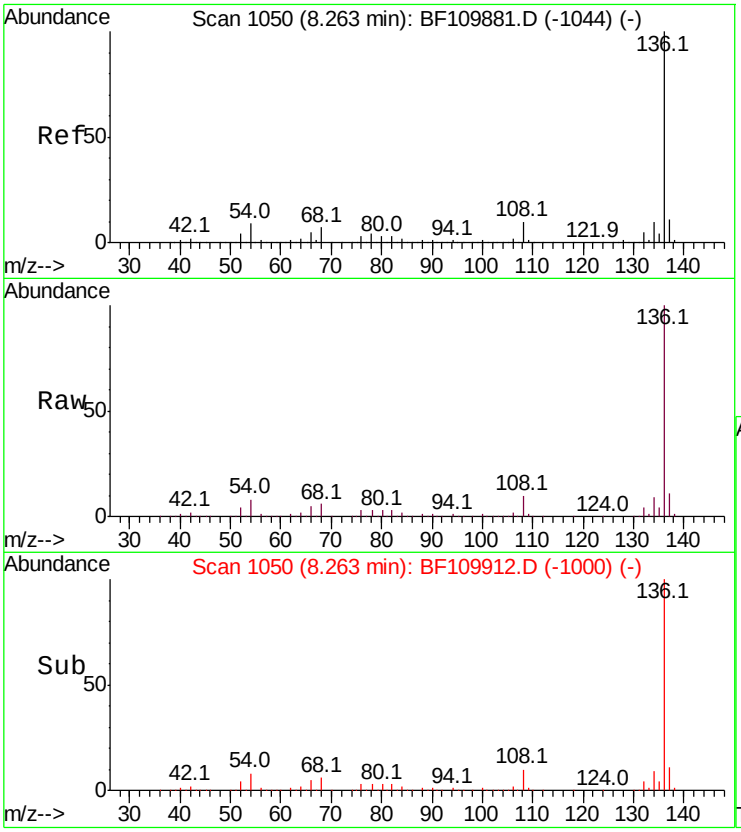


#10
Phenol
Concen: 4.872 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion: 94 Resp: 90778

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	33.5	54.5	94.5#



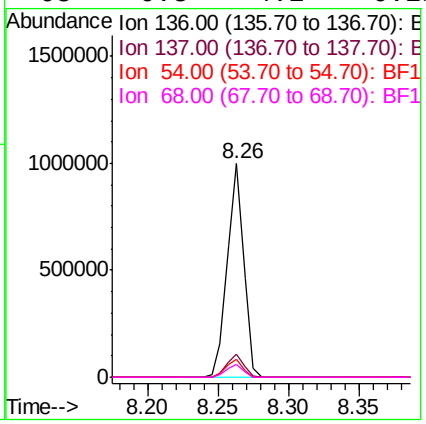


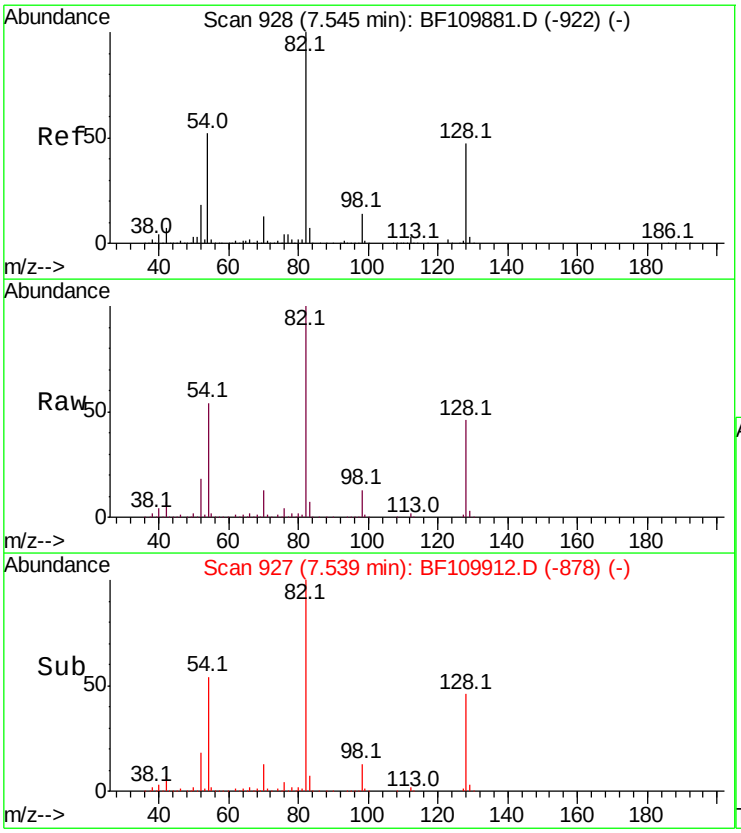
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion:136 Resp: 812713

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	5.4	8.2#
68	6.3	4.2	6.2#

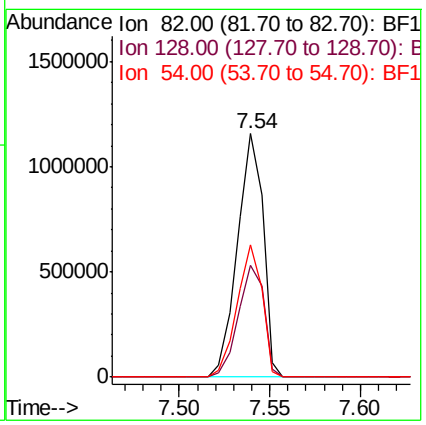


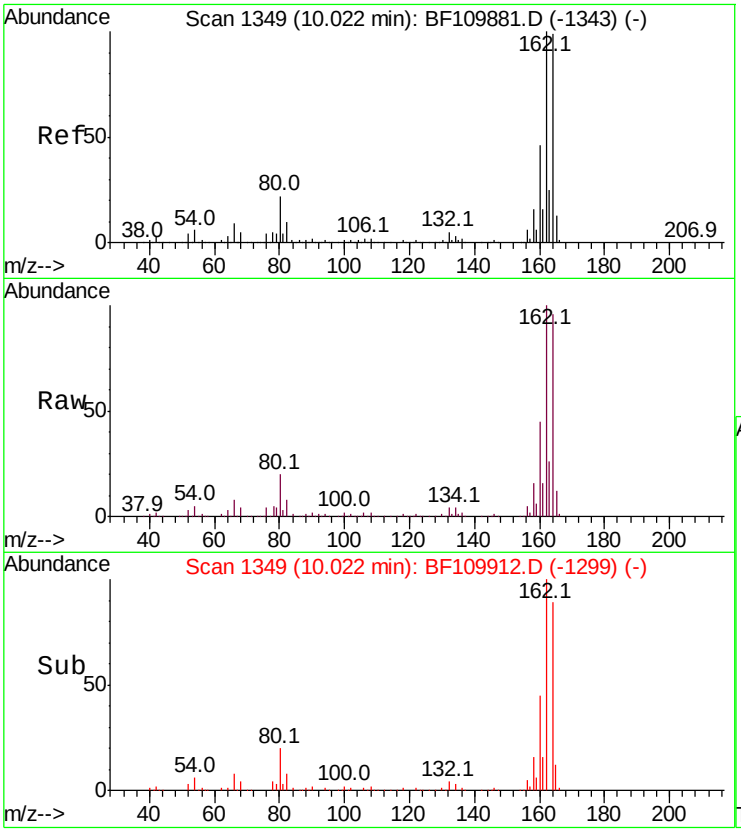


#23
Nitrobenzene-d5
Concen: 94.261 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion: 82 Resp: 1137217

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	54.1	38.6	58.0



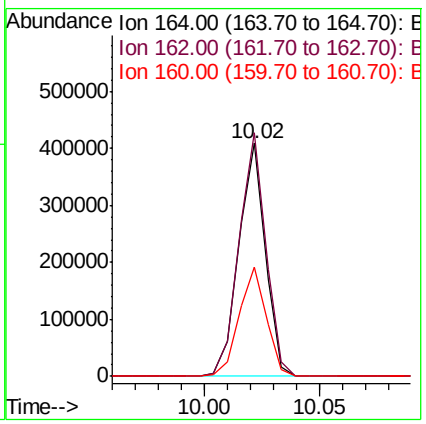


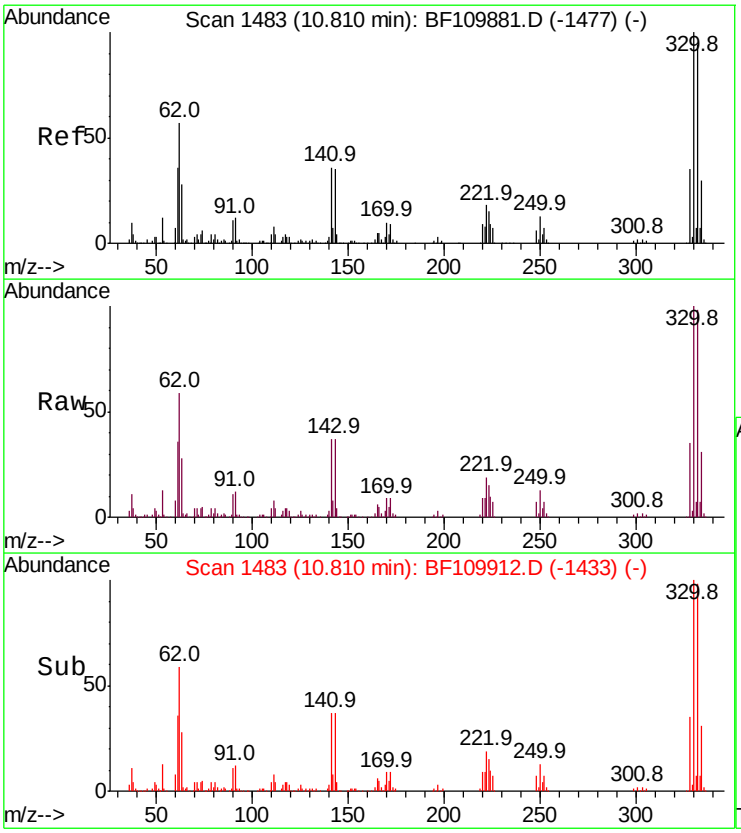
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion:164 Resp: 329188

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	47.1	37.0	55.6

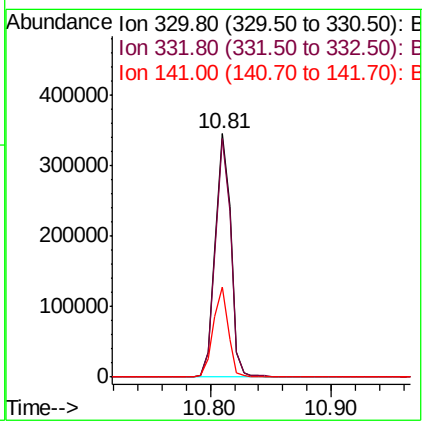


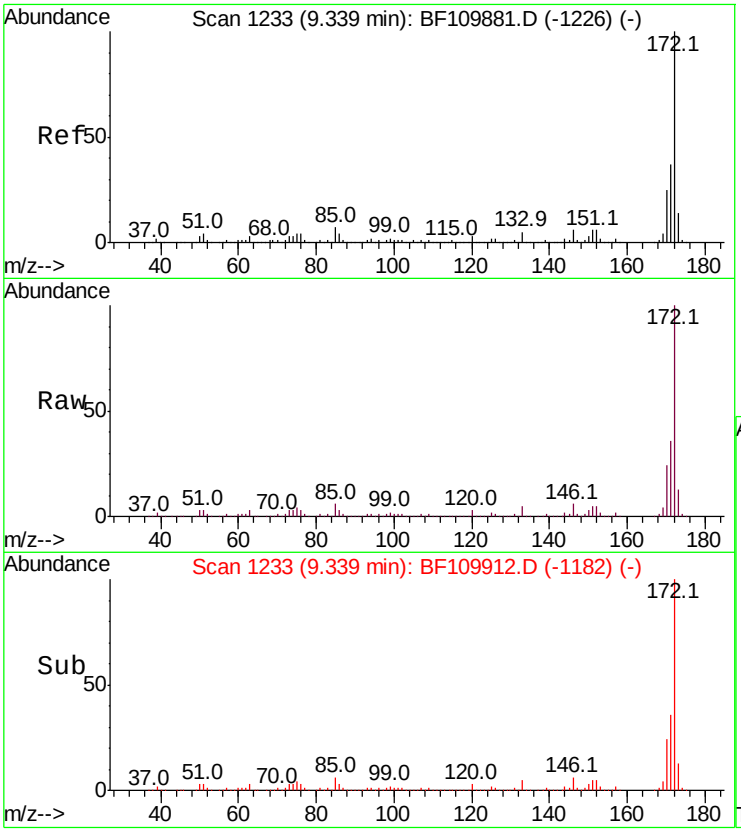


#42
2,4,6-Tribromophenol
Concen: 106.683 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:330 Resp: 304049

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	35.7	27.0	40.4



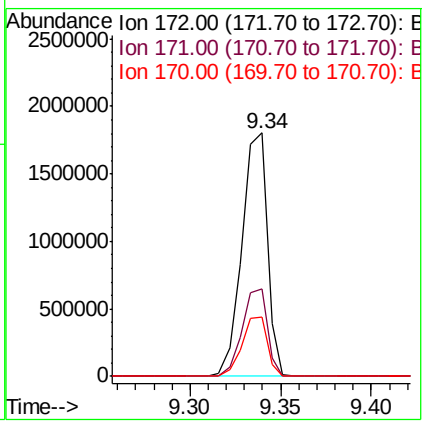


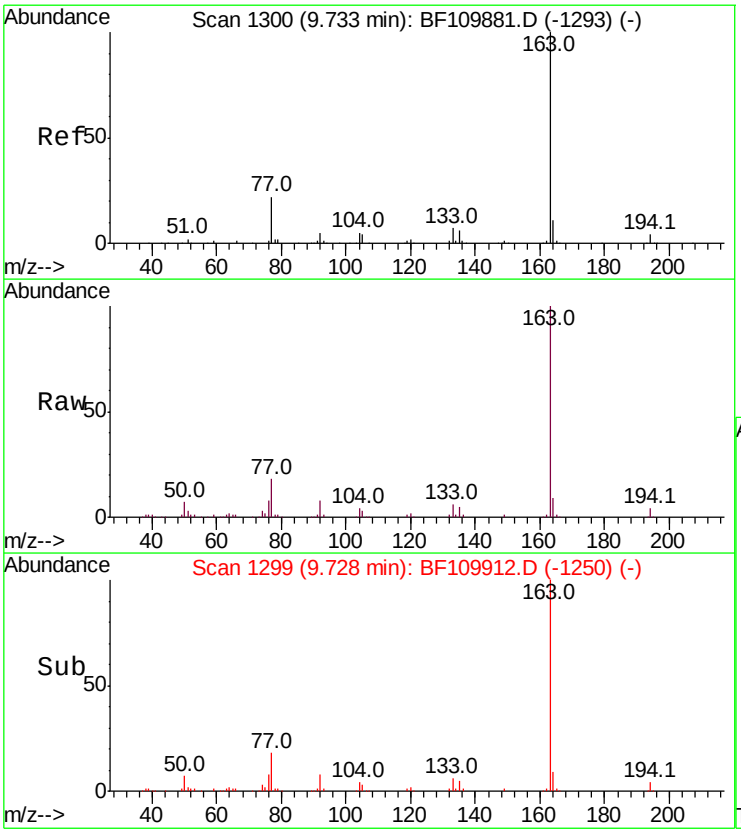
#45
2-Fluorobiphenyl
Concen: 85.543 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument : BNA_F
ClientSampleId : EP1-CUSA-BASE-1

Tgt Ion:172 Resp: 1764785

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.2	19.7	29.5

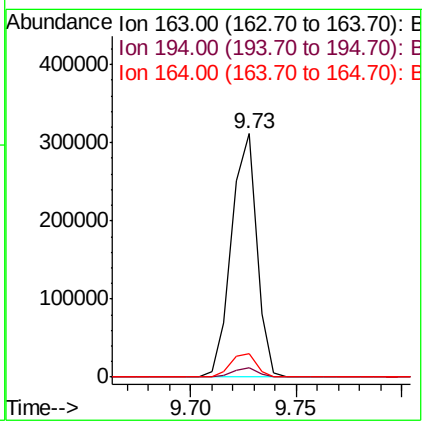


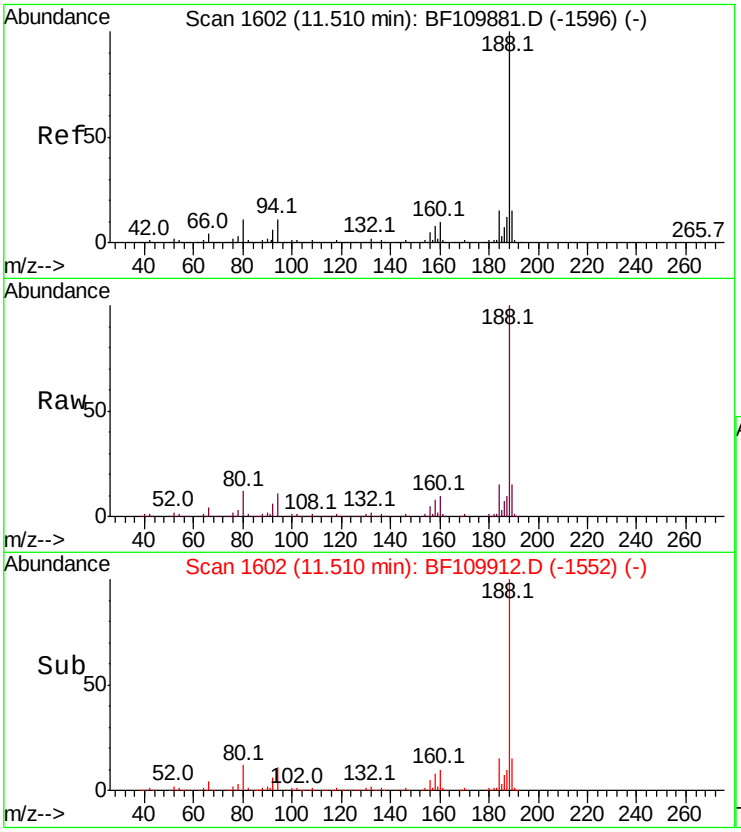


#50
Dimethylphthalate
Concen: 11.022 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:163 Resp: 256911

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.5	8.1	12.1



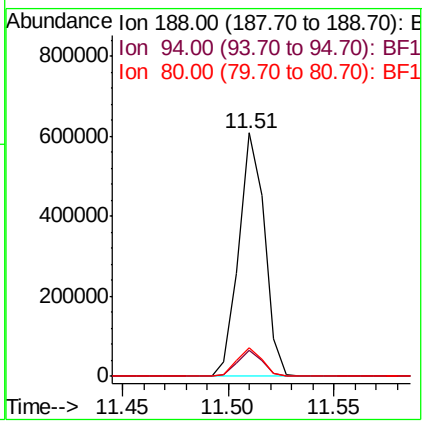


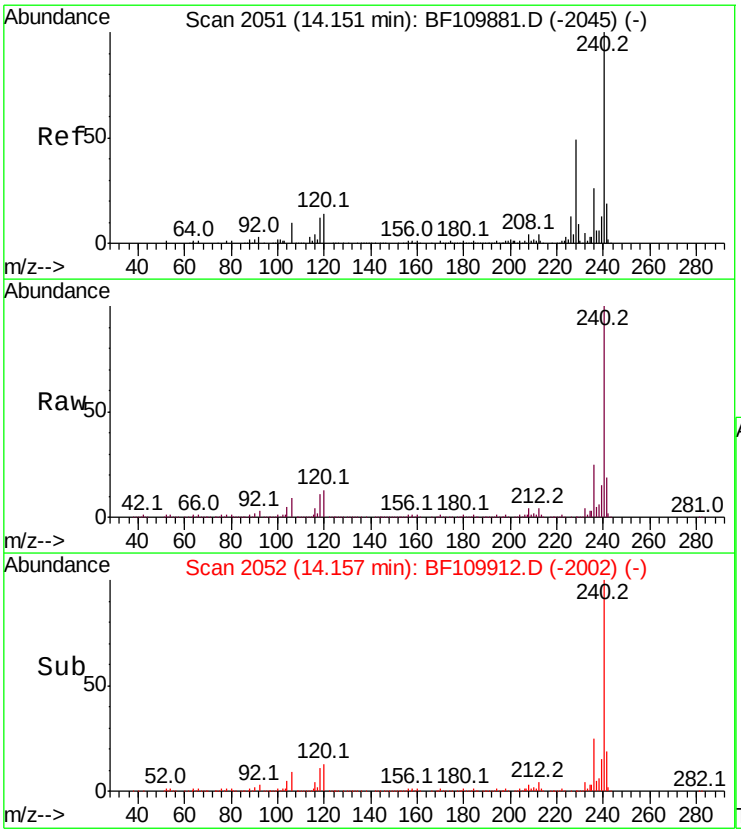
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion:188 Resp: 513019

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.2	10.8#
80	11.5	7.9	11.9

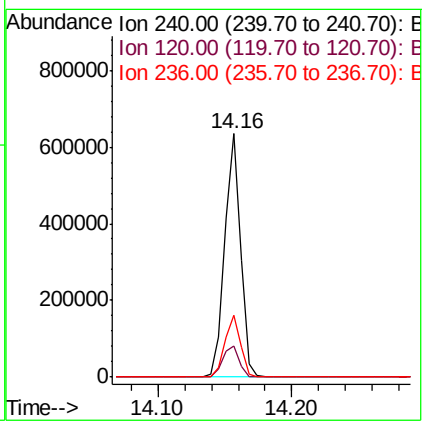


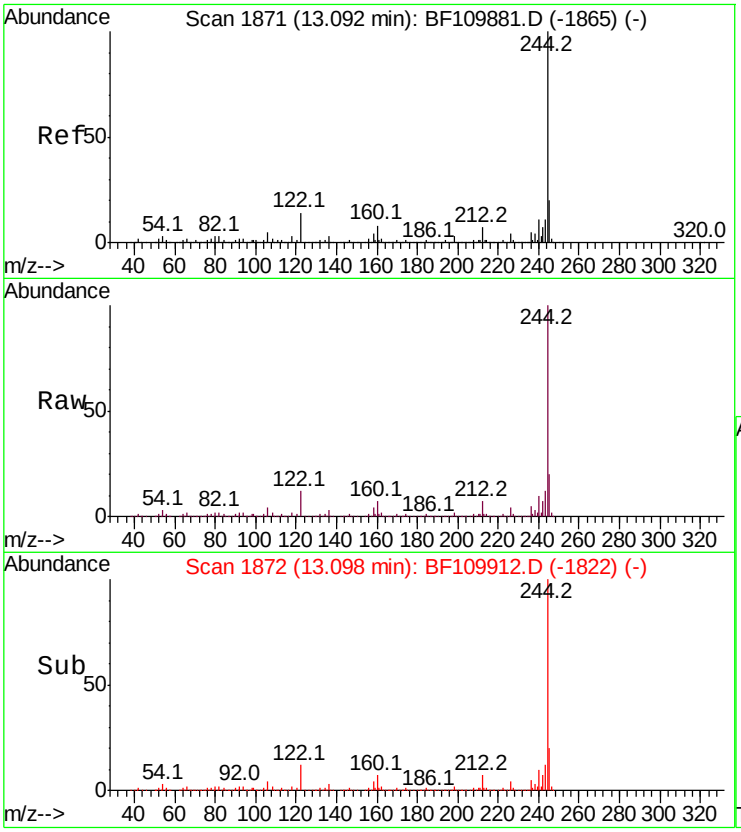


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:240 Resp: 532592

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	25.4	21.2	31.8



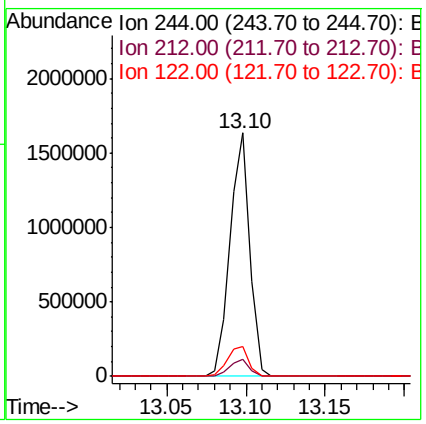


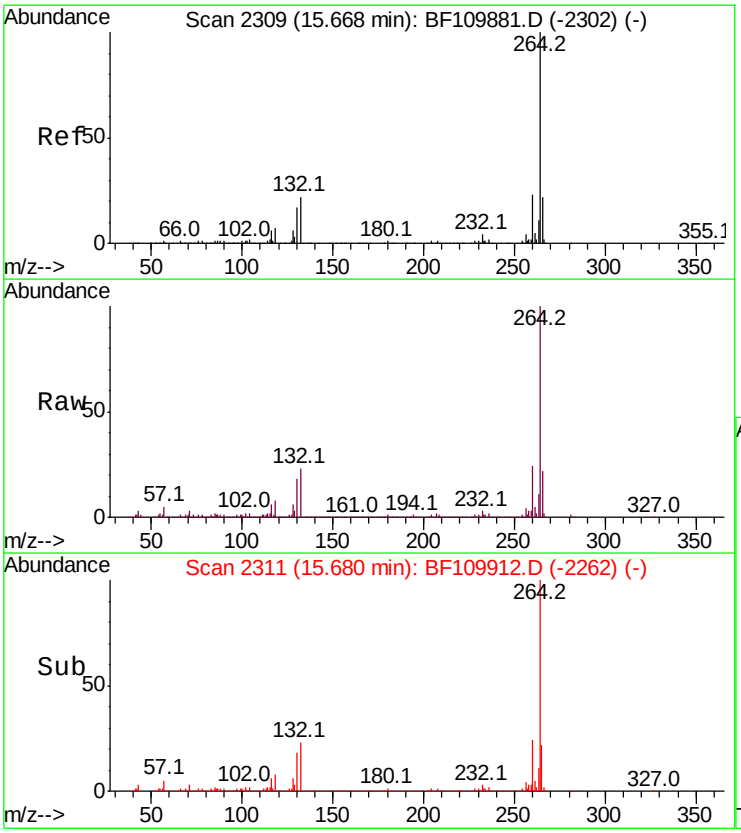
#79
Terphenyl-d14
Concen: 55.527 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Instrument :
BNA_F
ClientSampleId :
EP1-CUSA-BASE-1

Tgt Ion:244 Resp: 1408294

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109912.D
Acq: 16 Oct 2018 18:20

Tgt Ion:264 Resp: 531849

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	16.7	25.1