Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108293.D
Acq On : 20 Aug 2018 16:43
Operator : JU/SJ
Sample : J4502-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROWN-FRAC-TANKRE

Quant Time: Aug 20 17:20:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	162091	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	635798	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	335193	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	664088	20.00	ng	0.00
75) Chrysene-d12	14.21	240	439802	20.00	ng	0.00
86) Perylene-d12	15.77	264	355275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	125769	14.05	ng	0.00
7) Phenol-d6	6.62	99	116101	9.76	ng	0.00
23) Nitrobenzene-d5	7.57	82	272656	23.93	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	81940	24.51	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	496756	23.79	ng	0.00
78) Terphenyl-d14	13.14	244	548744	31.72	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	90861	7.383	ng	93
20) 3+4-Methylphenols	7.40	107	84801	7.653	ng	89
49) Dimethylphthalate	9.76	163	195048	8.354	ng	99

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

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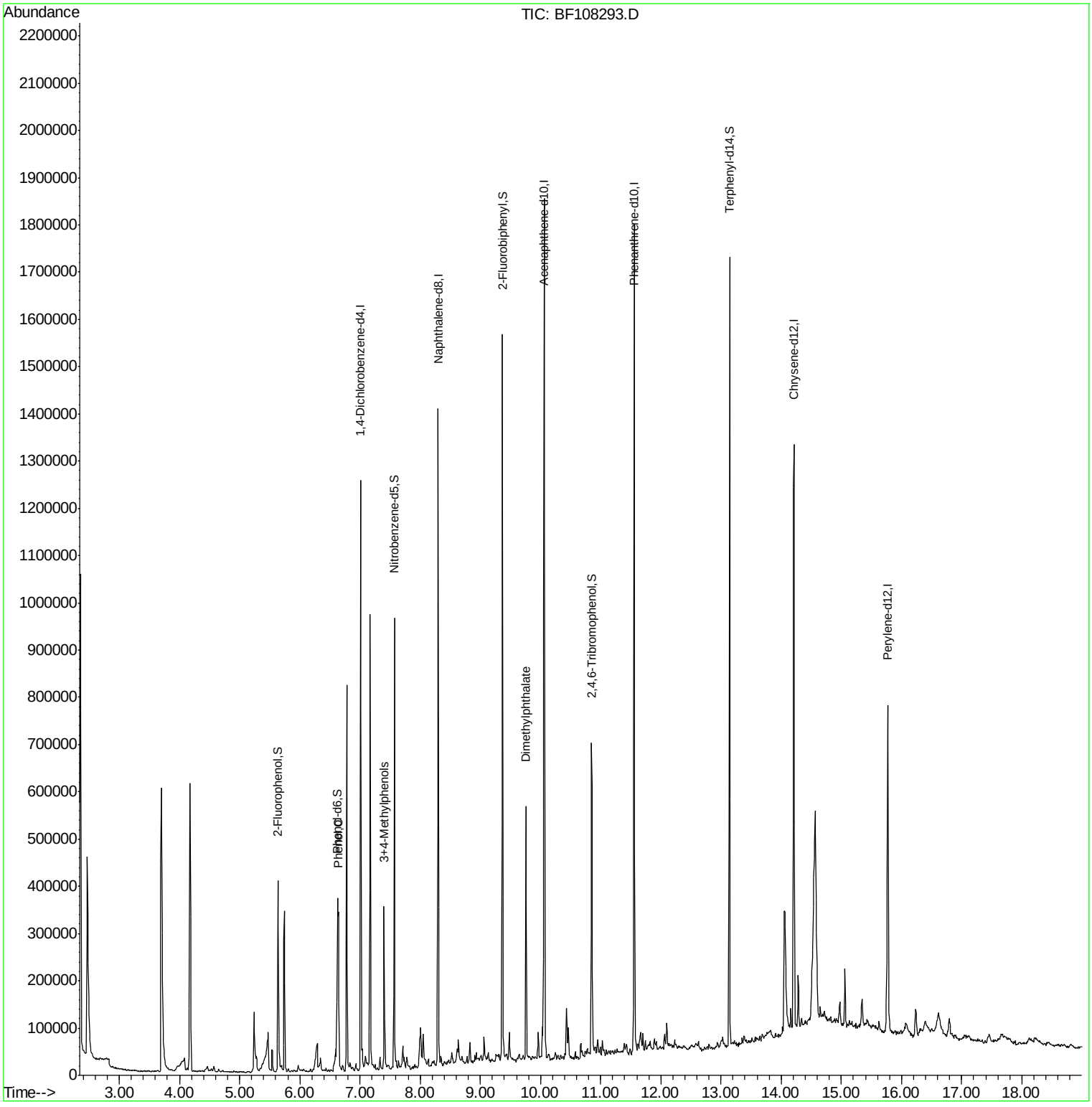
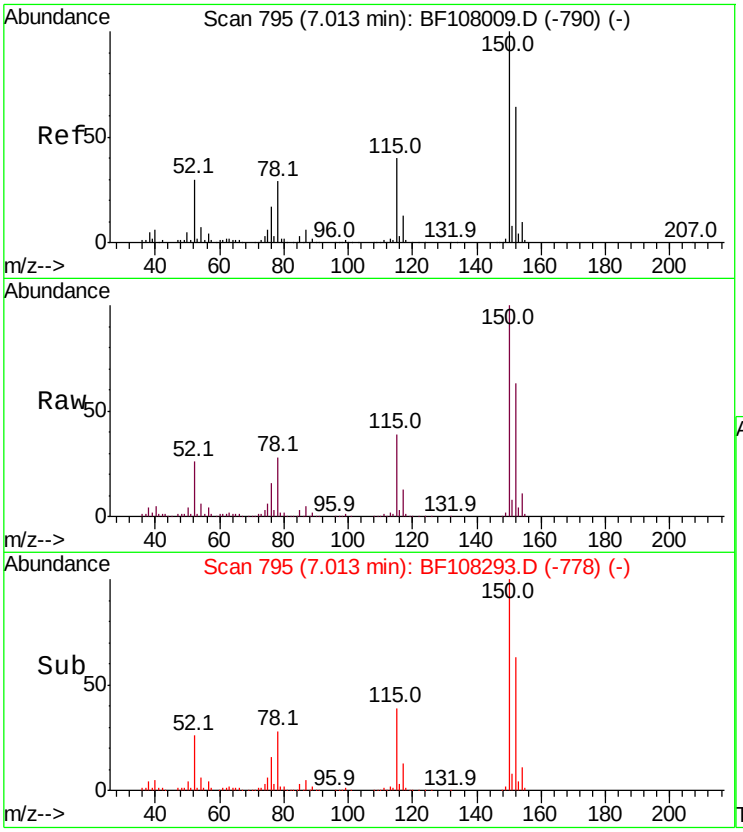


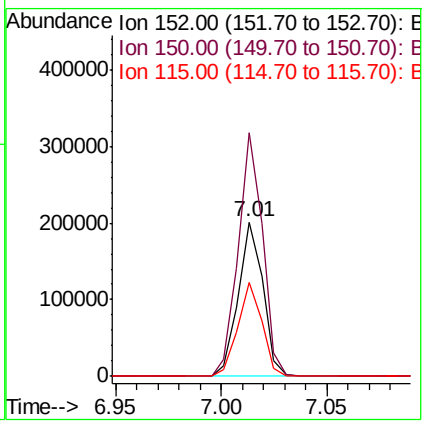


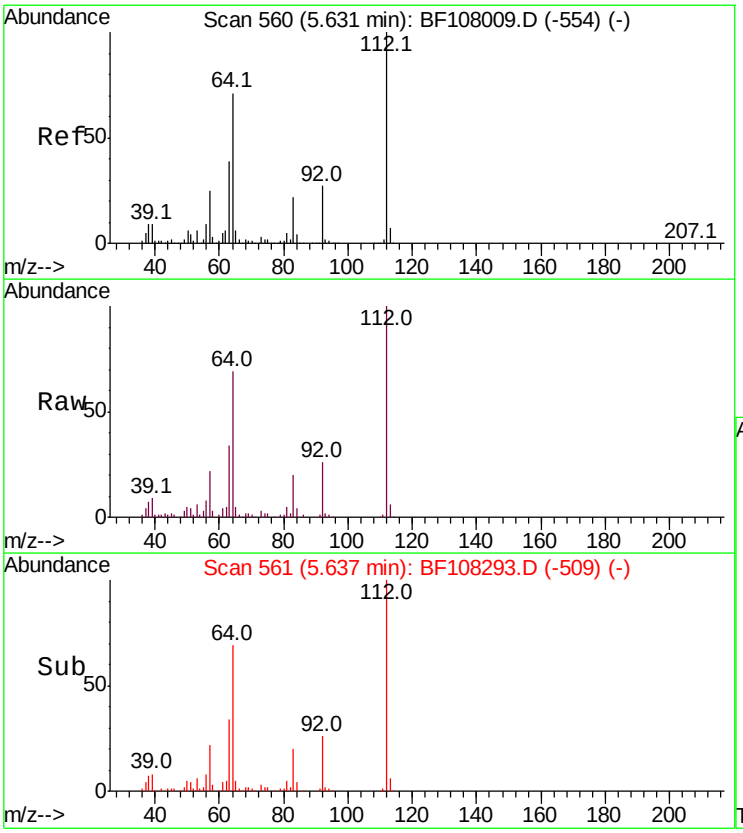
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:152 Resp: 162091

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.2	50.1	75.1

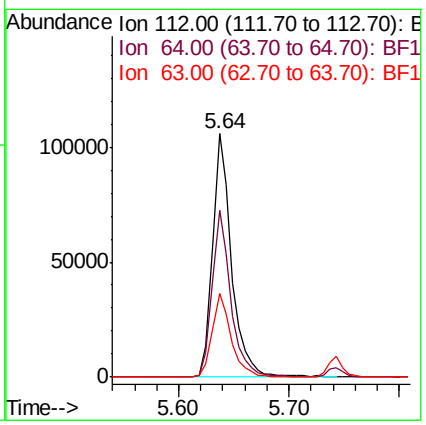


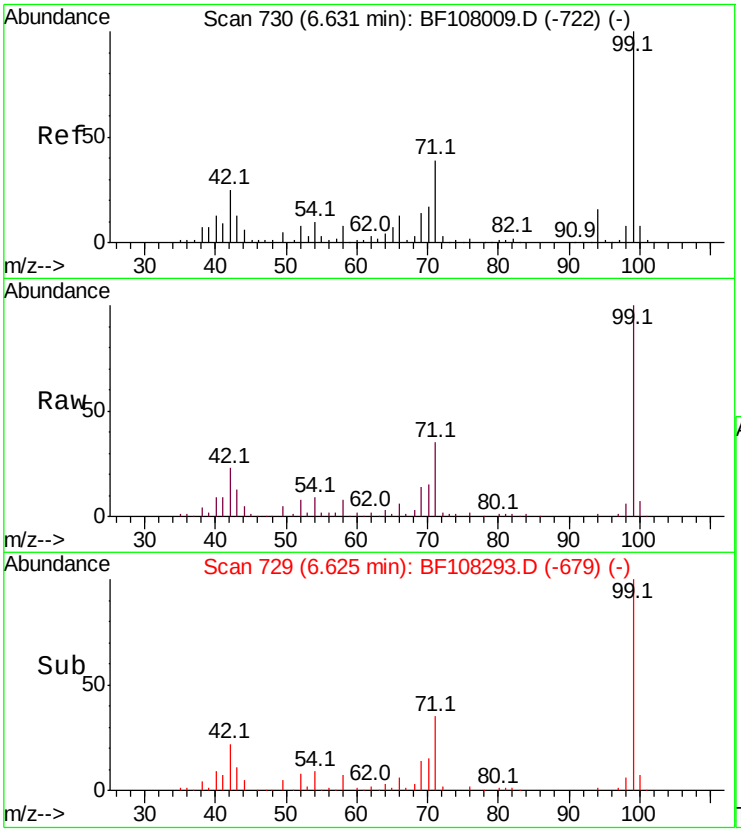


#5
2-Fluorophenol
Concen: 14.048 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:112 Resp: 125769

Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	34.2	23.7	35.5



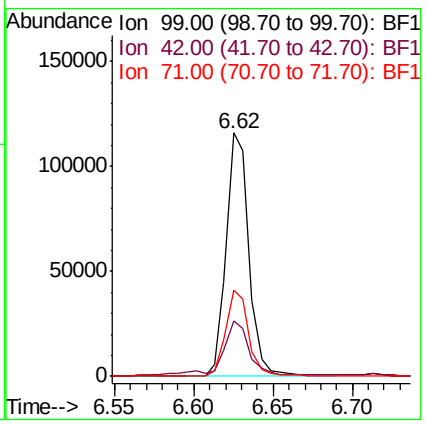


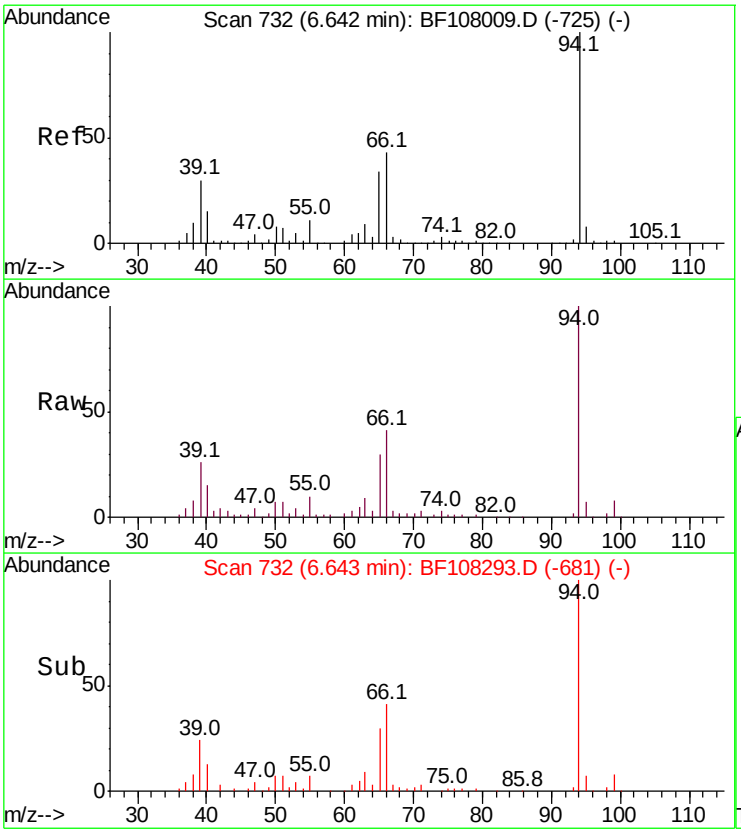
#7
Phenol-d6
Concen: 9.759 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion: 99 Resp: 116101

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	35.5	25.4	38.0

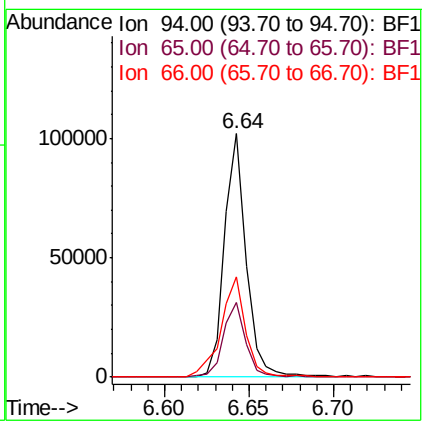


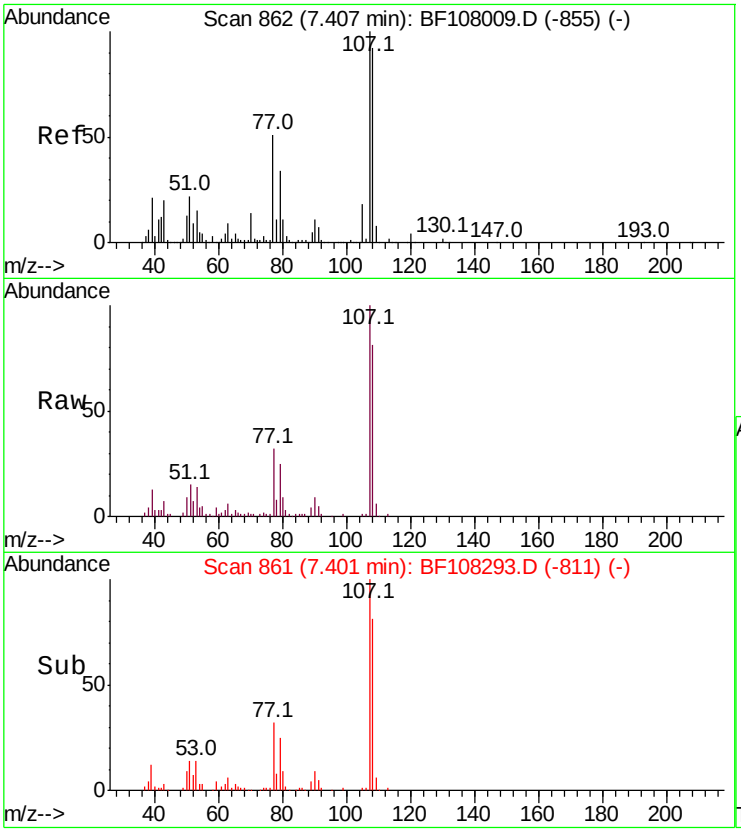


#10
Phenol
Concen: 7.383 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion: 94 Resp: 90861

Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	41.0	16.2	56.2



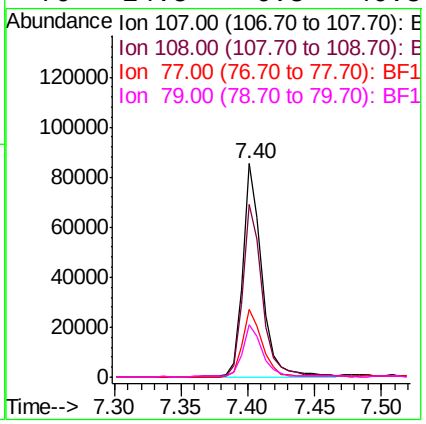


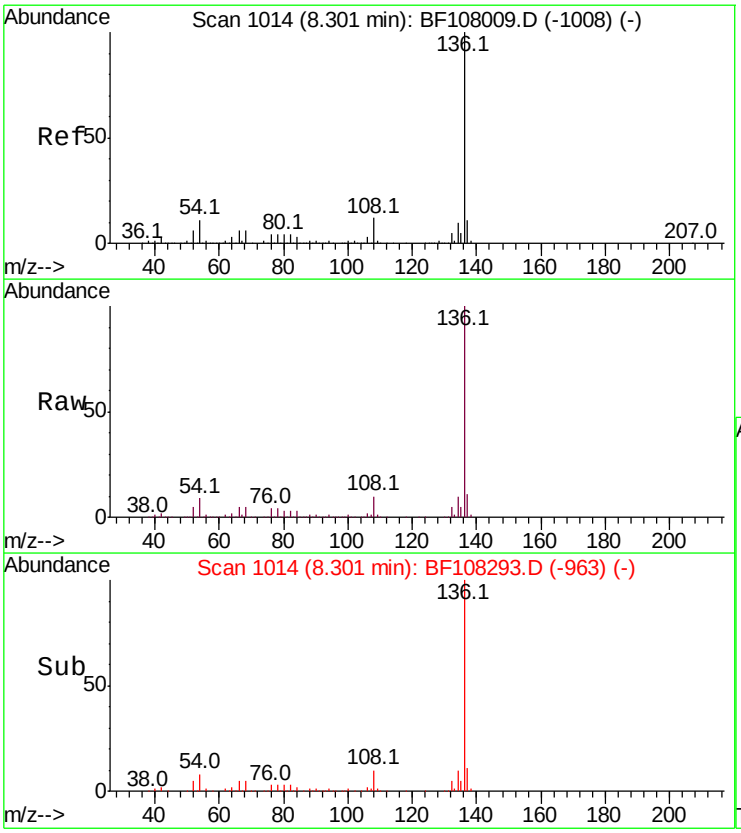
#20
3+4-Methylphenols
Concen: 7.653 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:107 Resp: 84801

Ion	Ratio	Lower	Upper
107	100		
108	80.7	68.2	108.2
77	32.0	26.7	66.7
79	24.5	6.3	46.3

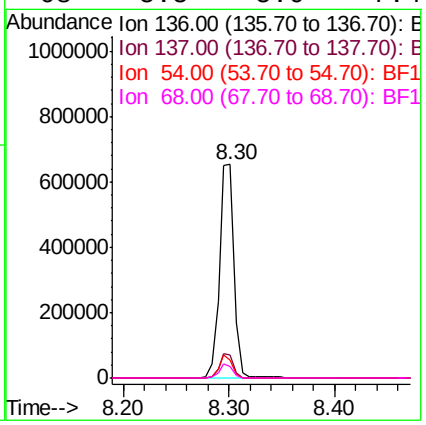


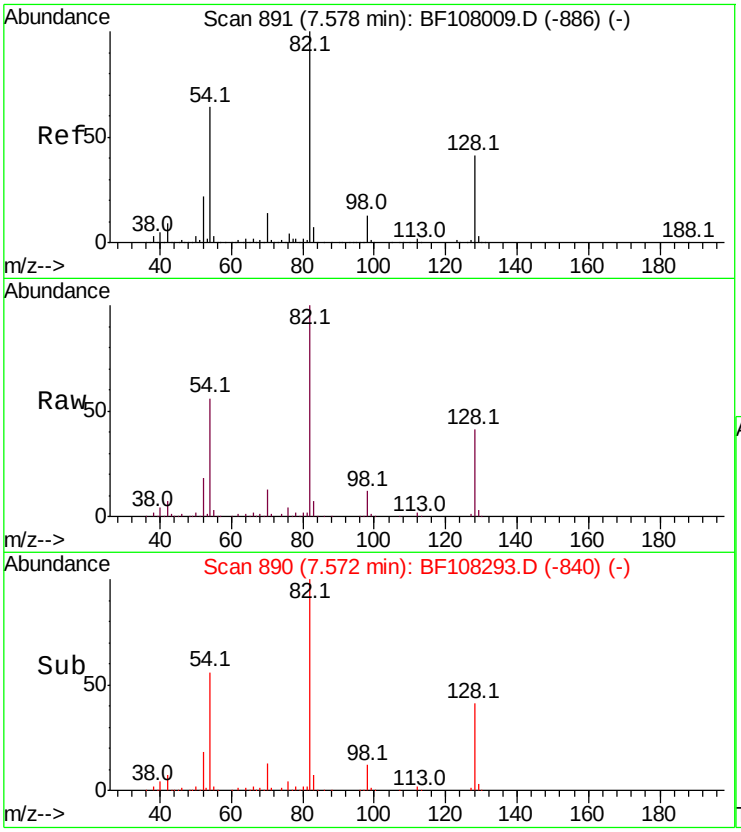


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:136 Resp: 635798

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.6	9.8
68	5.5	5.0	7.4



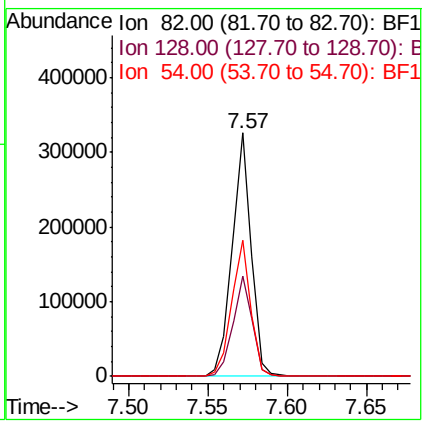


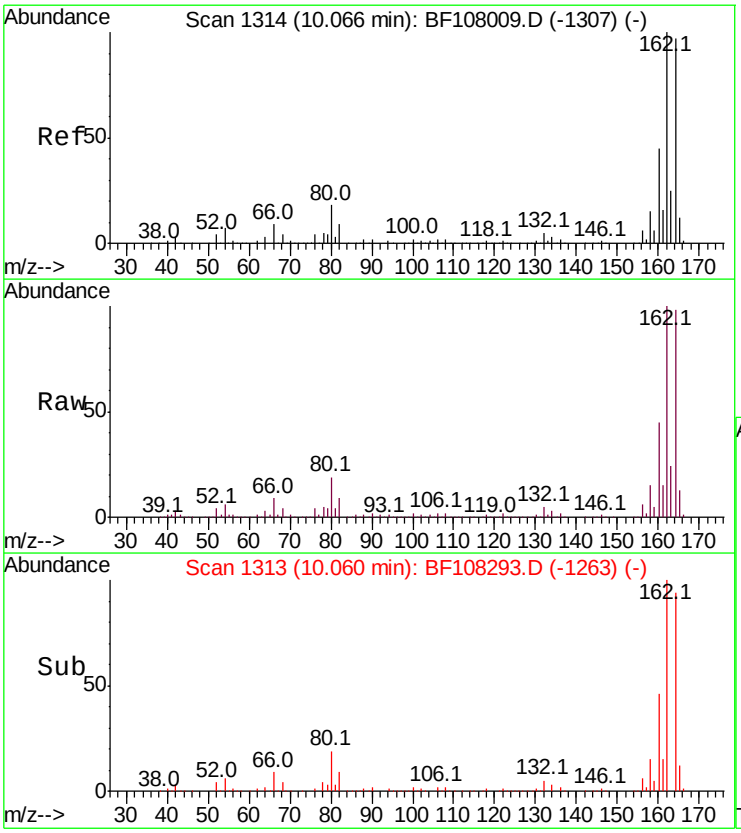
#23
Nitrobenzene-d5
Concen: 23.930 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion: 82 Resp: 272656

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	55.7	41.4	62.2

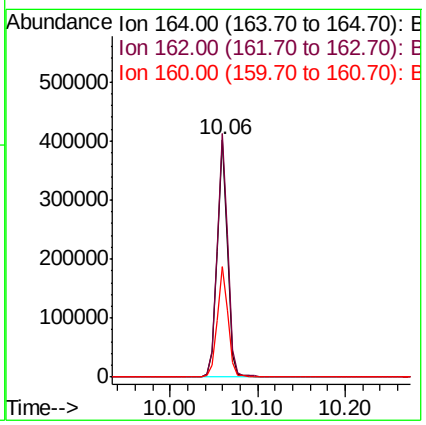


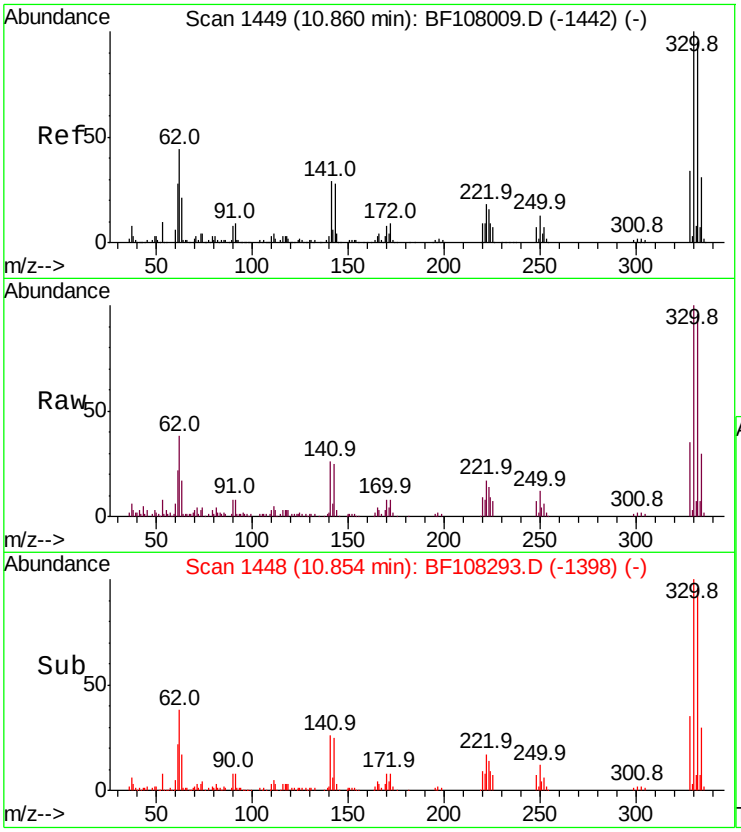


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:164 Resp: 335193

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.6	38.3	57.5



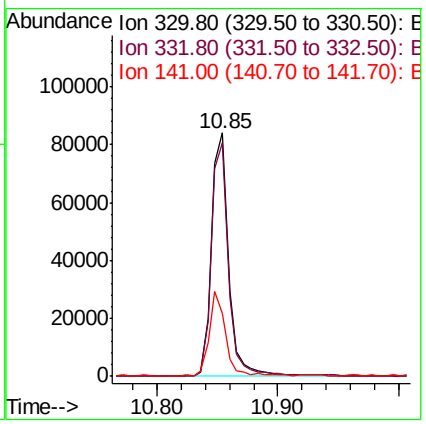


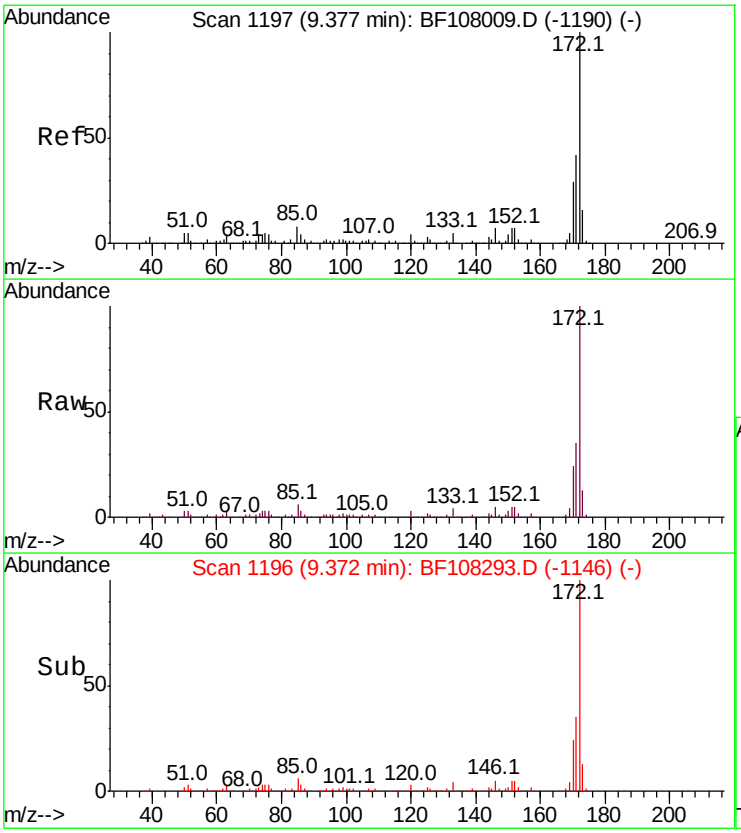
#41
2,4,6-Tribromophenol
Concen: 24.508 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:330 Resp: 81940

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.9	29.9	44.9

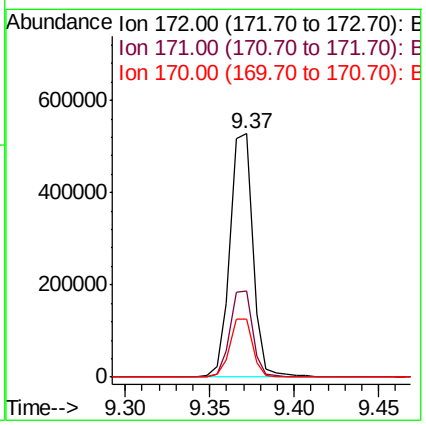


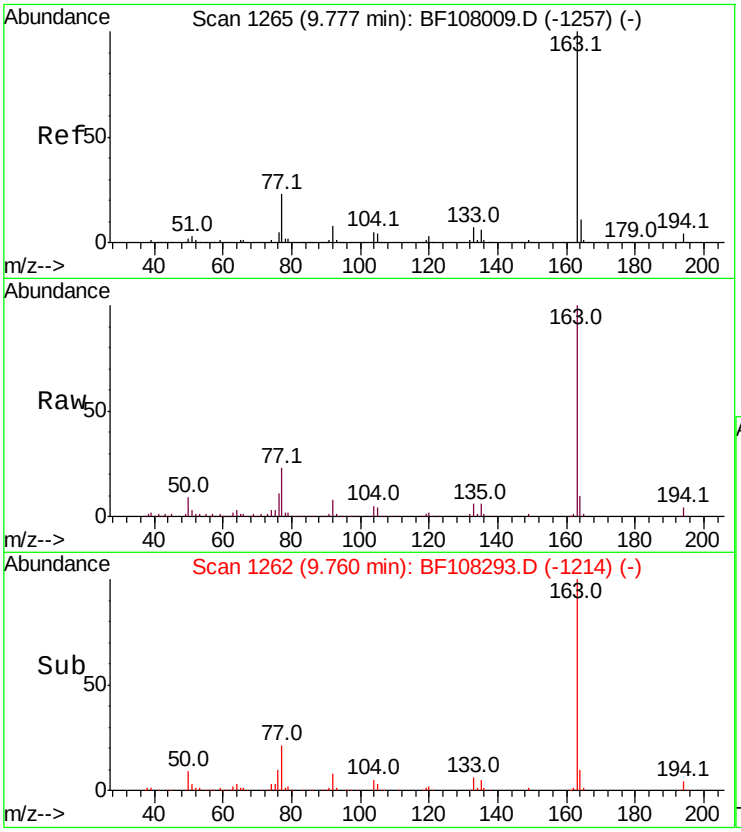


#44
2-Fluorobiphenyl
Concen: 23.793 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:172 Resp: 496756

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4



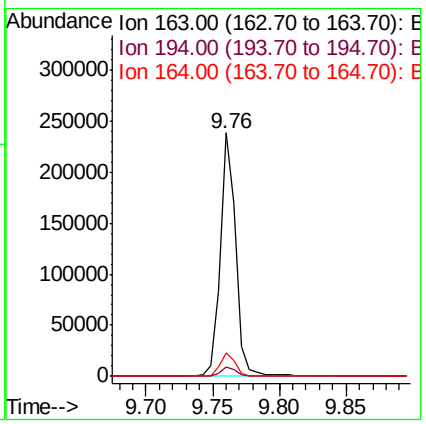


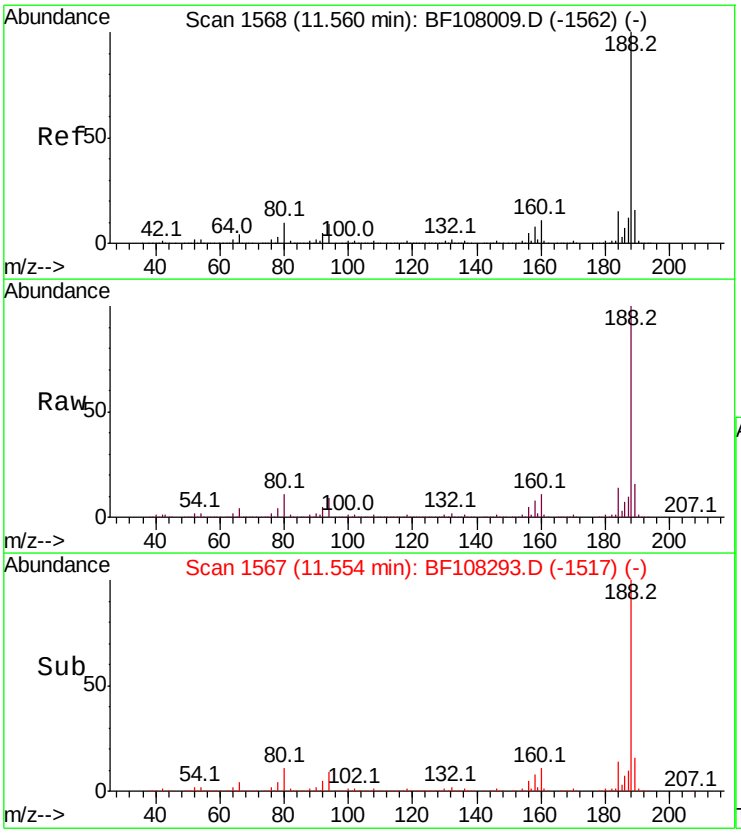
#49
Dimethylphthalate
Concen: 8.354 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:163 Resp: 195048

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

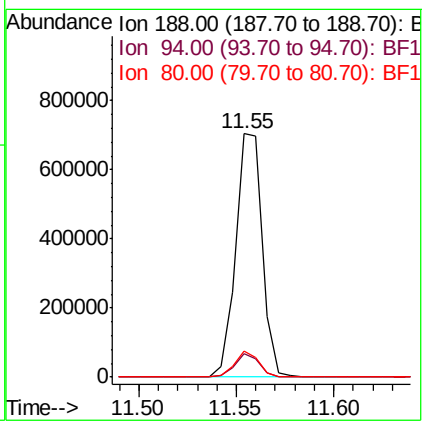


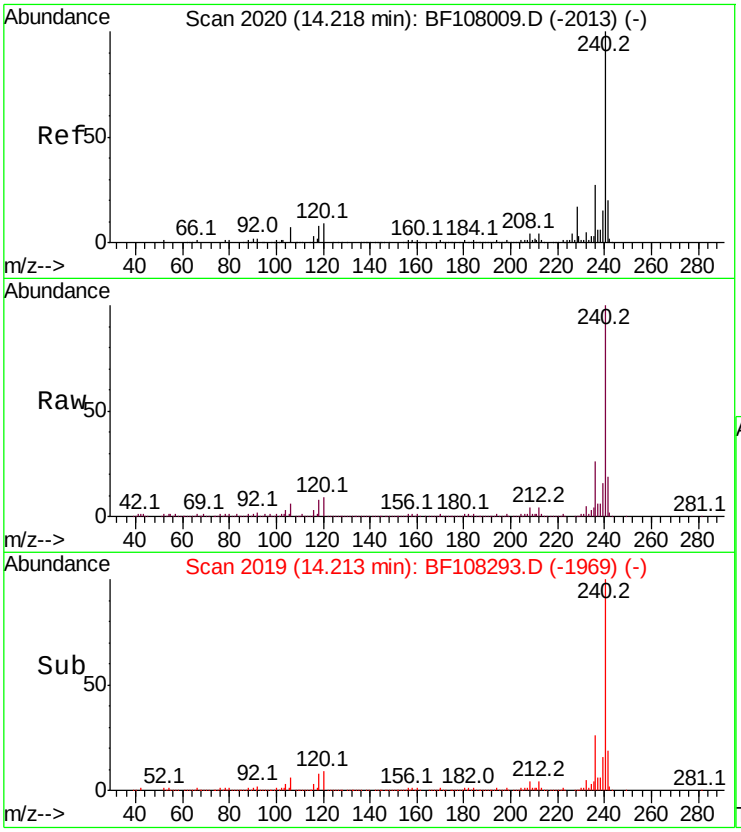


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:188 Resp: 664088

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8



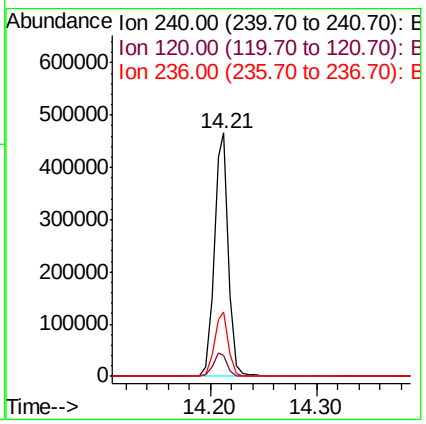


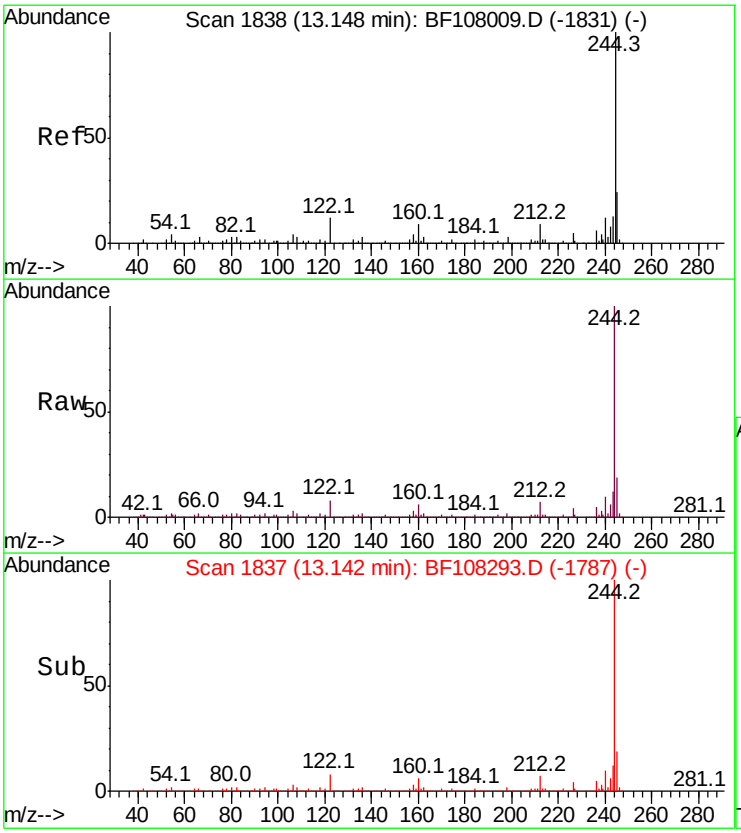
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:240 Resp: 439802

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.3	20.7	31.1

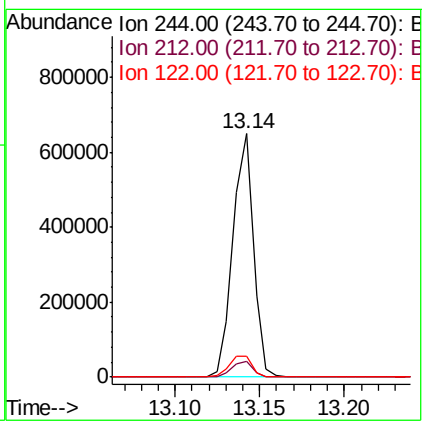


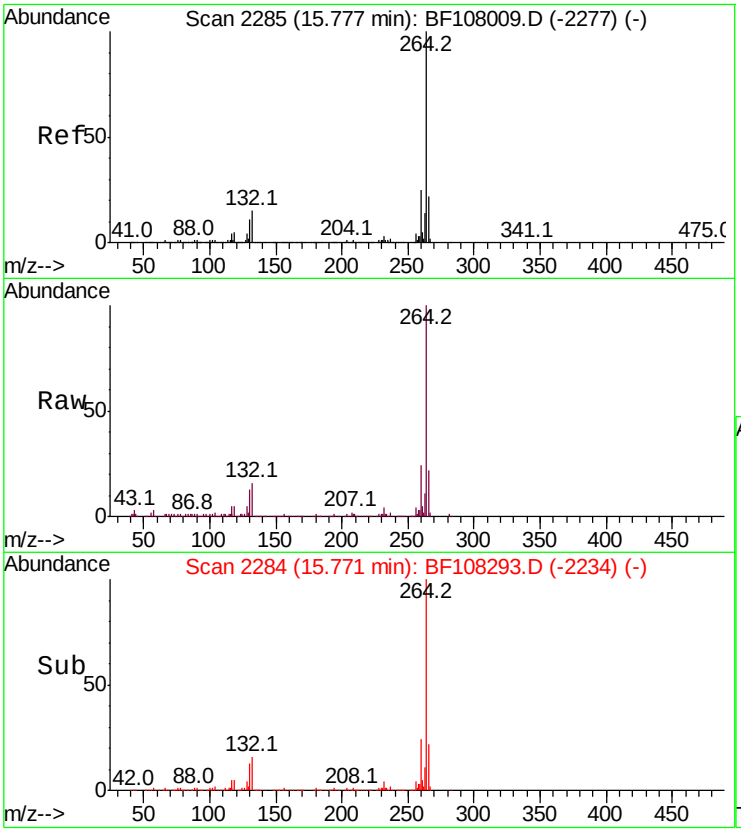


#78
Terphenyl-d14
Concen: 31.724 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:244 Resp: 548744

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tgt Ion:264 Resp: 355275

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3