Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109886.D
Acq On : 15 Oct 2018 18:33
Operator : JU/SJ
Sample : J5456-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-FRAC-TANK

Quant Time: Oct 16 01:33:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	192310	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	717497	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	288377	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	456124	20.00	ng	0.00
76) Chrysene-d12	14.15	240	377795	20.00	ng	0.00
87) Perylene-d12	15.67	264	462709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	682352	56.24	ng	0.12
7) Phenol-d6	6.59	99	530894	35.24	ng	0.00
23) Nitrobenzene-d5	7.54	82	985060	92.48	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	272495	109.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1624233	89.87	ng	0.00
79) Terphenyl-d14	13.09	244	1167475	64.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.60	94	98966	6.085	ng	# 60
22) Acetophenone	7.37	105	143165	8.604	ng	# 96
36) 4-Chloro-3-methylphenol	8.82	107	32184	3.120	ng	# 23
50) Dimethylphthalate	9.72	163	85416	4.183	ng	99
60) Diethylphthalate	10.42	149	54331	2.694	ng	100

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

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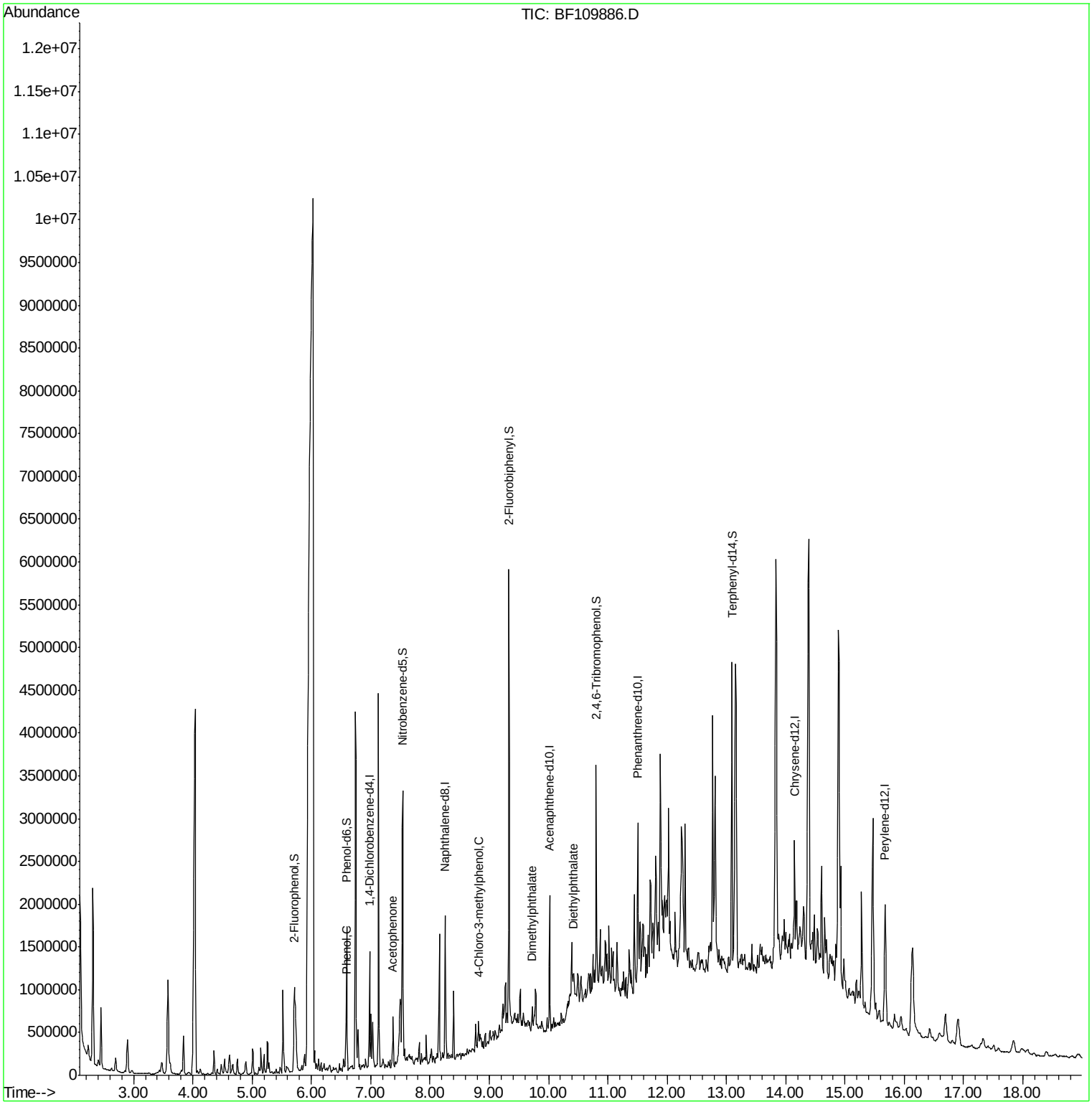
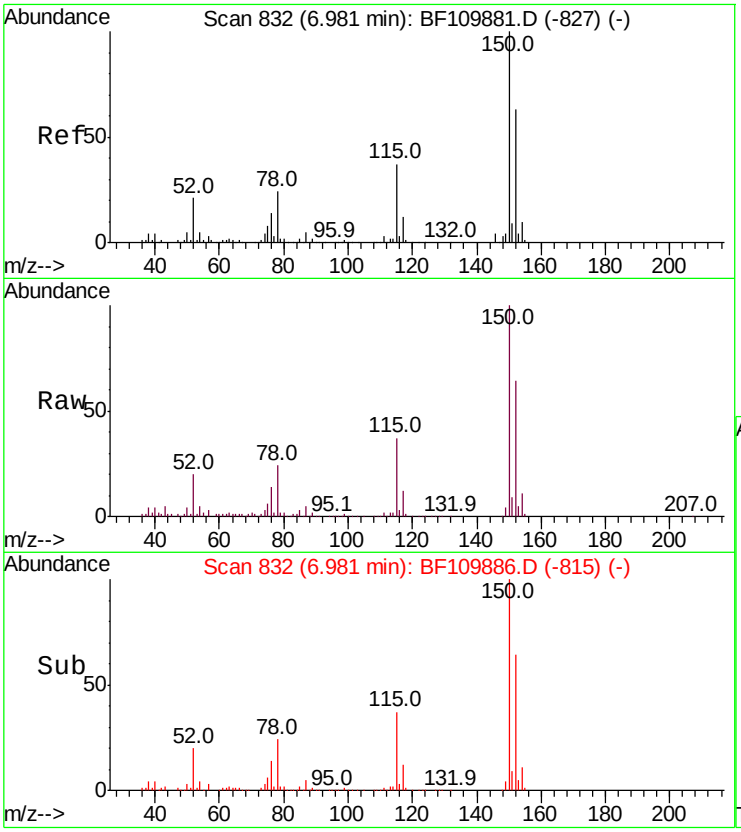


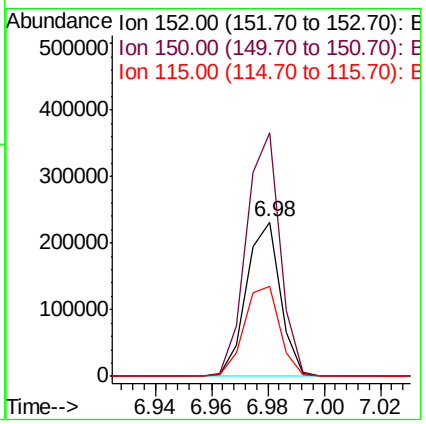


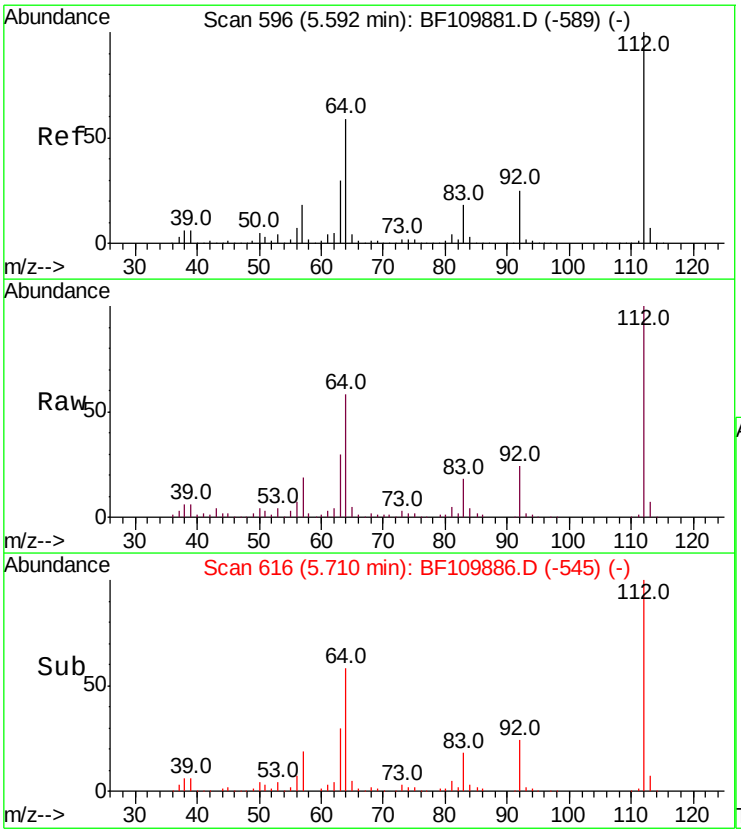
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:152 Resp: 192310

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	58.4	49.1	73.7

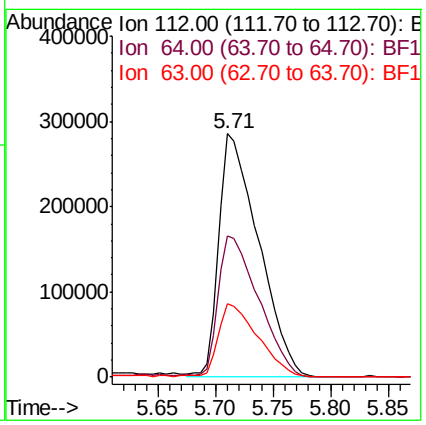


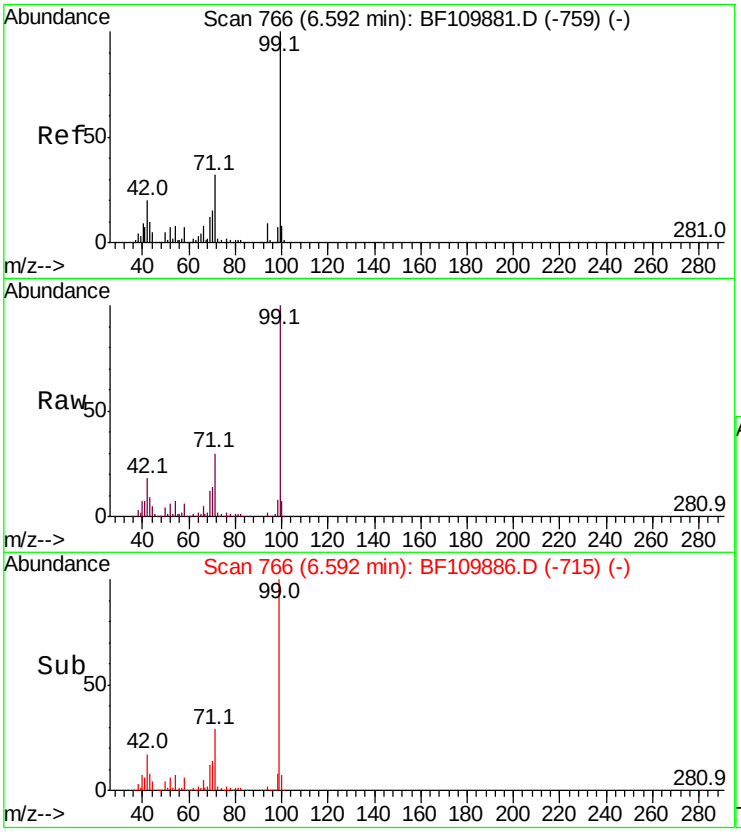


#5
2-Fluorophenol
Concen: 56.244 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.12 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:112 Resp: 682352

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	30.3	23.7	35.5



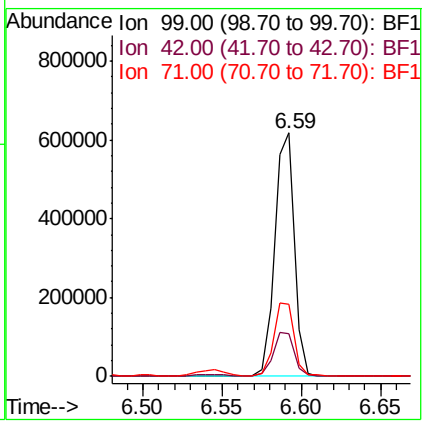


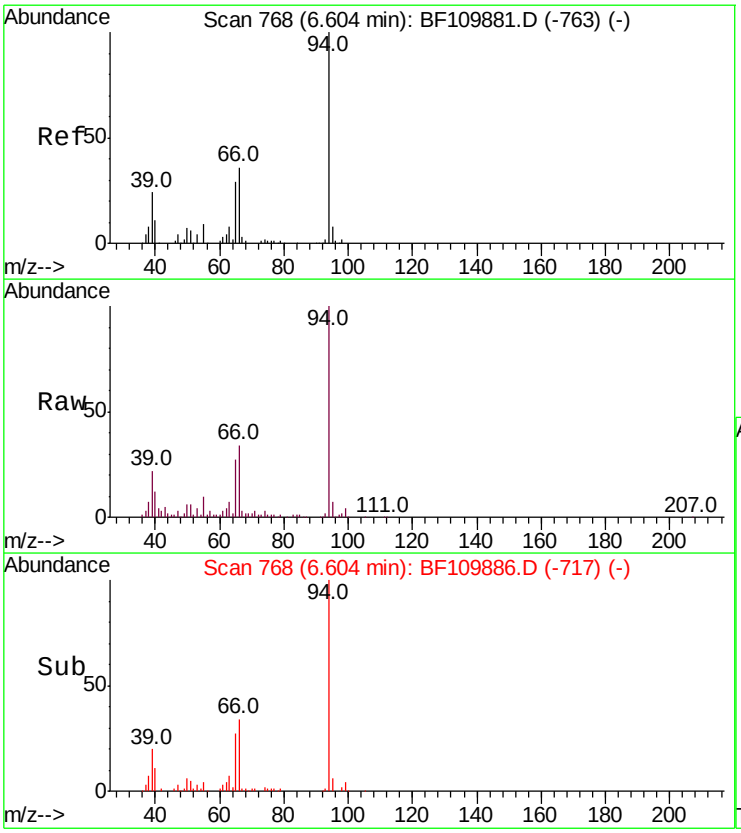
#7
Phenol-d6
Concen: 35.241 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion: 99 Resp: 530894

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.8	23.6
71	29.6	28.0	42.0

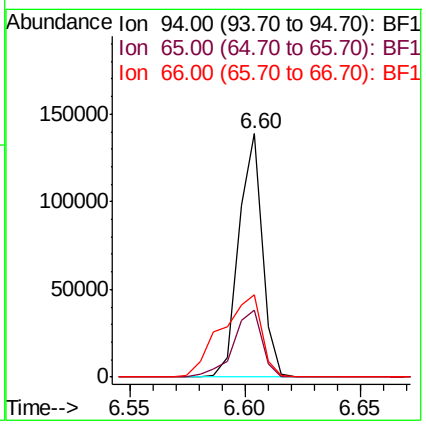


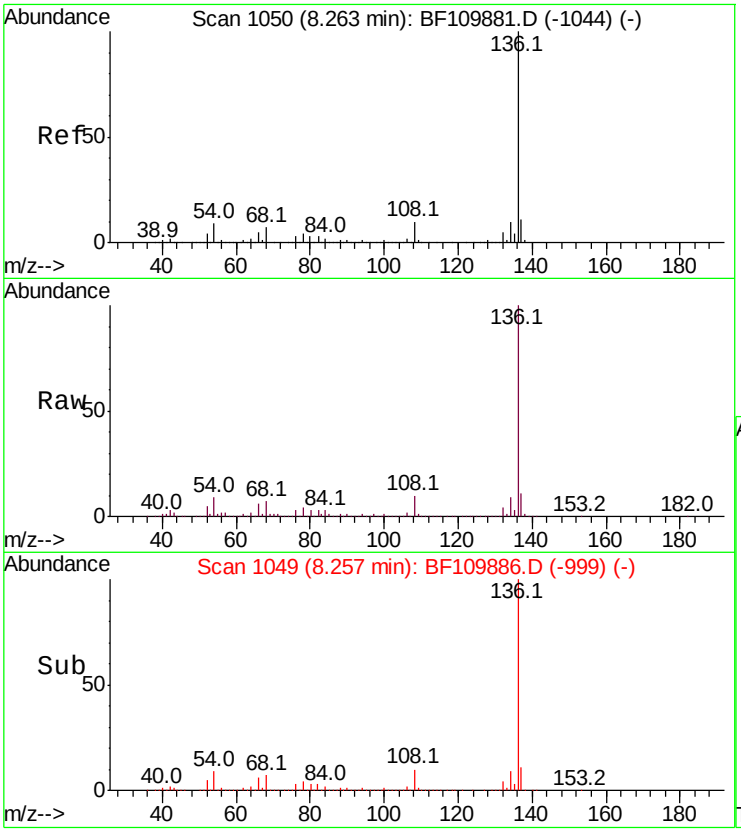


#10
Phenol
Concen: 6.085 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion: 94 Resp: 98966

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	33.6	54.5	94.5#



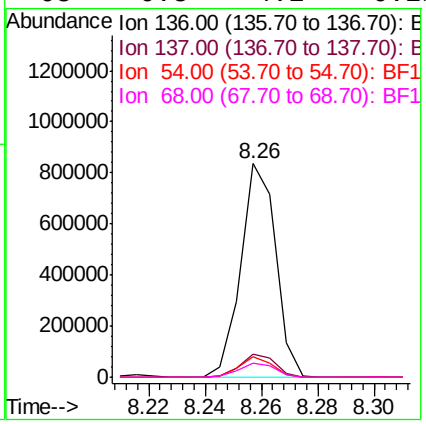


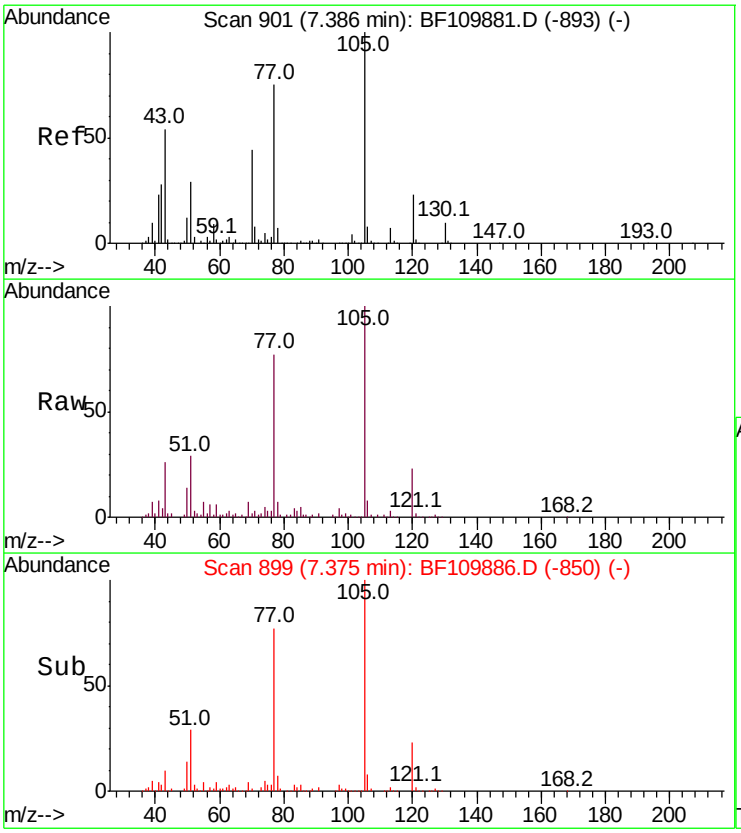
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:136 Resp: 717497

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.4	5.4	8.2#
68	6.8	4.2	6.2#

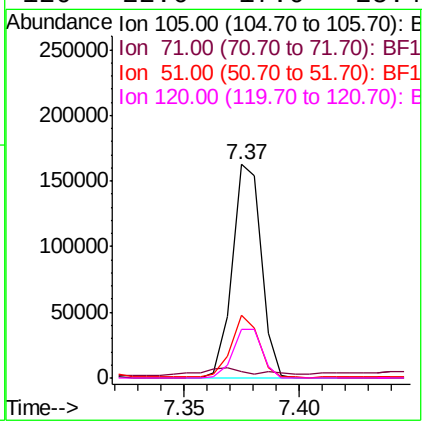


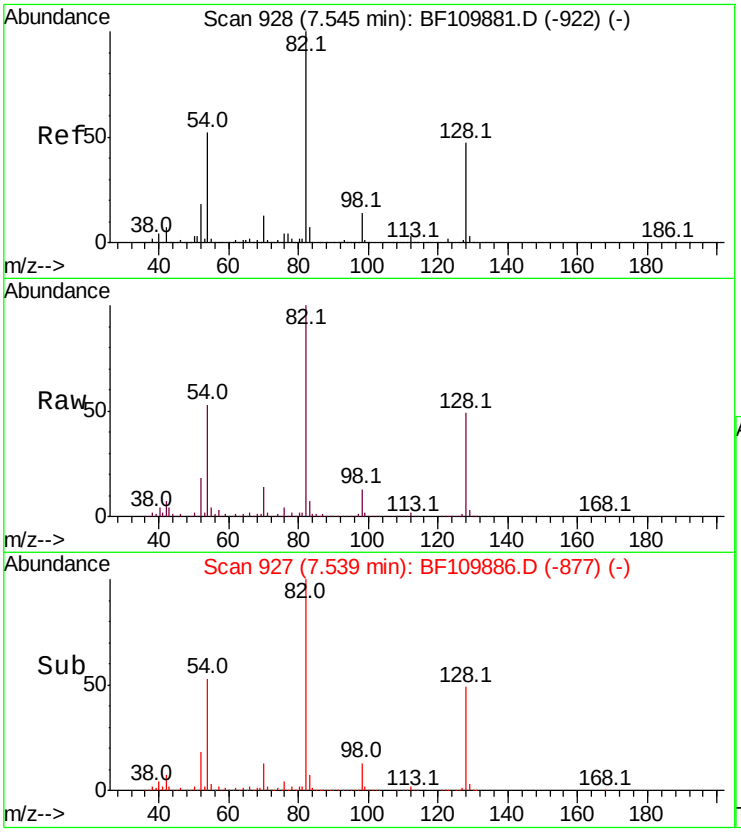


#22
Acetophenone
Concen: 8.604 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:105 Resp: 143165

Ion	Ratio	Lower	Upper
105	100		
71	3.1	5.2	7.8#
51	29.3	21.8	32.8
120	22.6	17.0	25.4



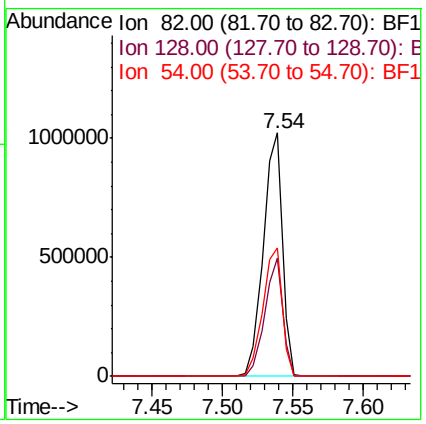


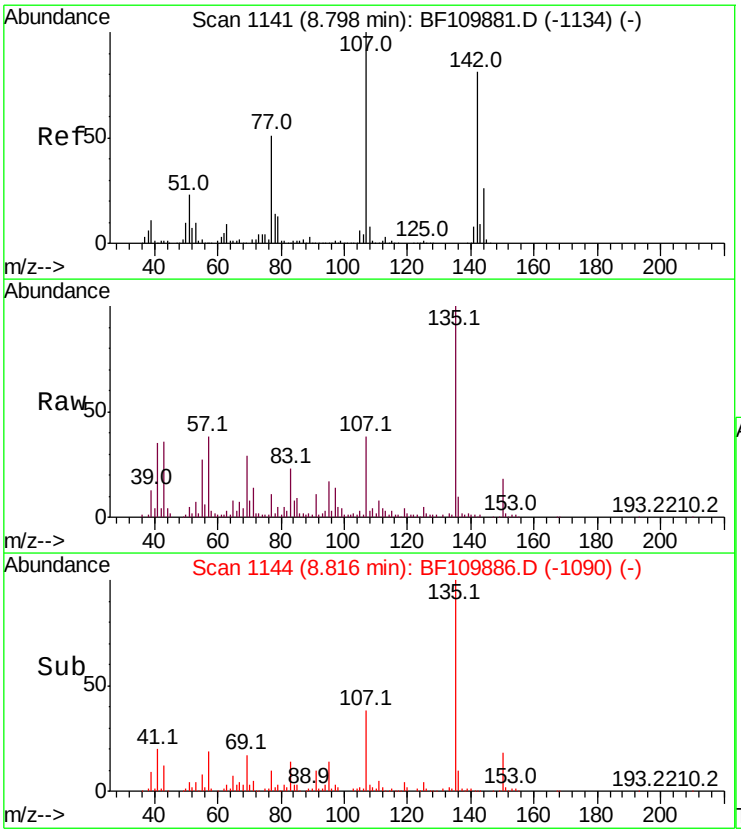
#23
Nitrobenzene-d5
Concen: 92.485 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion: 82 Resp: 985060

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.2	51.2
54	52.8	38.6	58.0

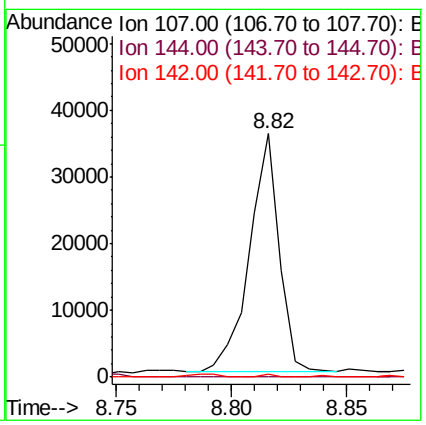


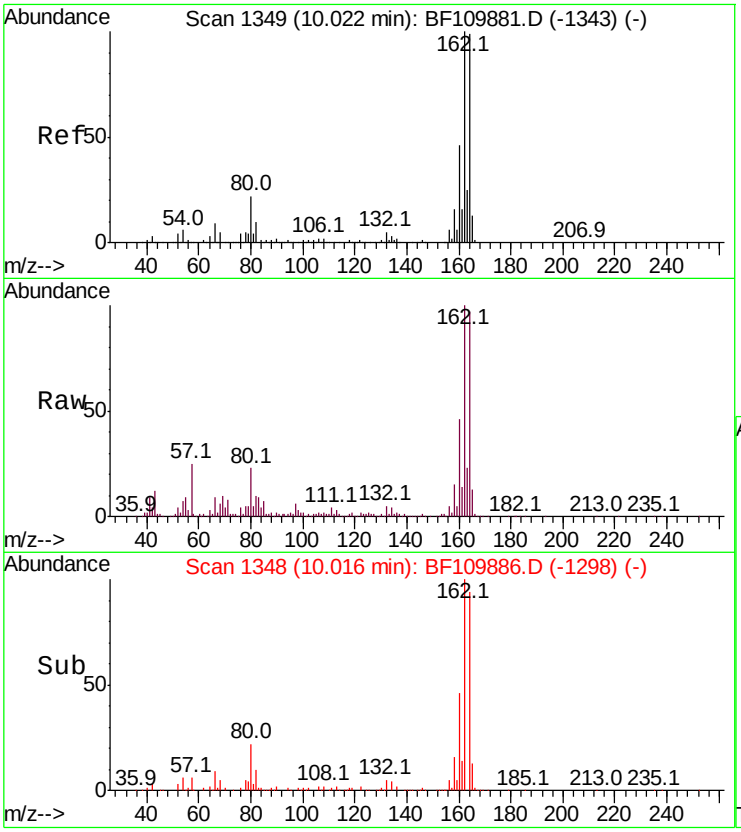


#36
4-Chloro-3-methylphenol
Concen: 3.120 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:107 Resp: 32184

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	1.0	59.7	89.5#



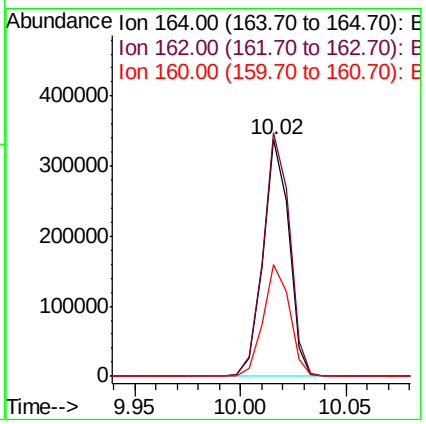


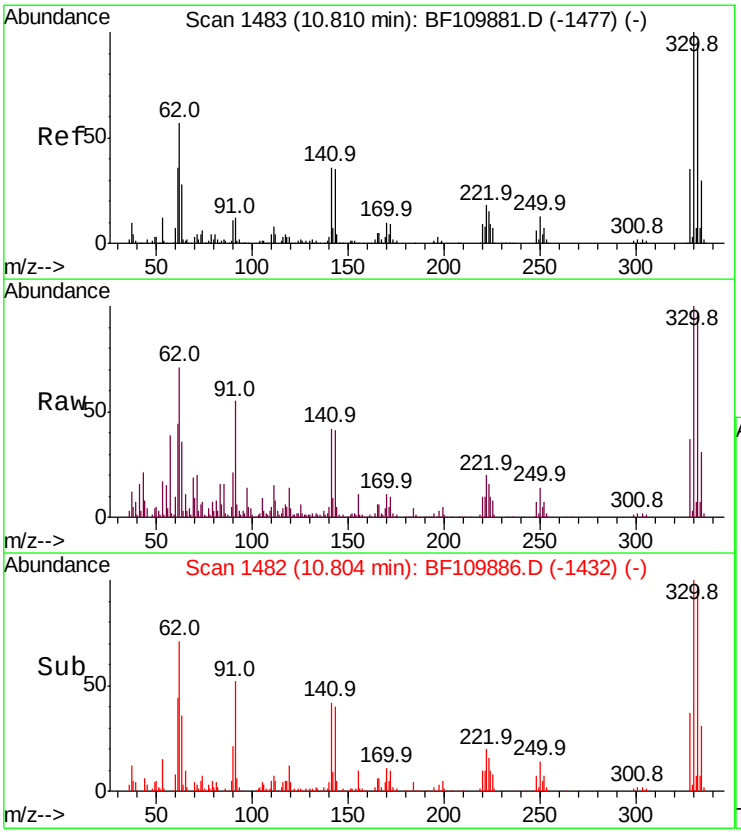
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:164 Resp: 288377

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.9	37.0	55.6

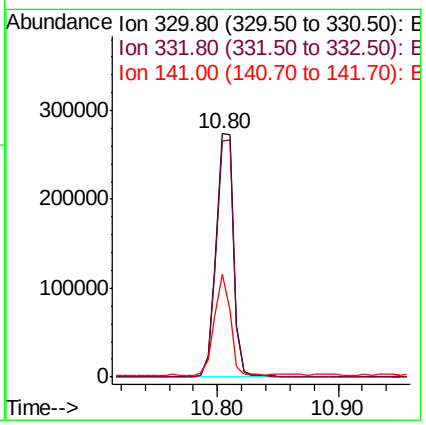


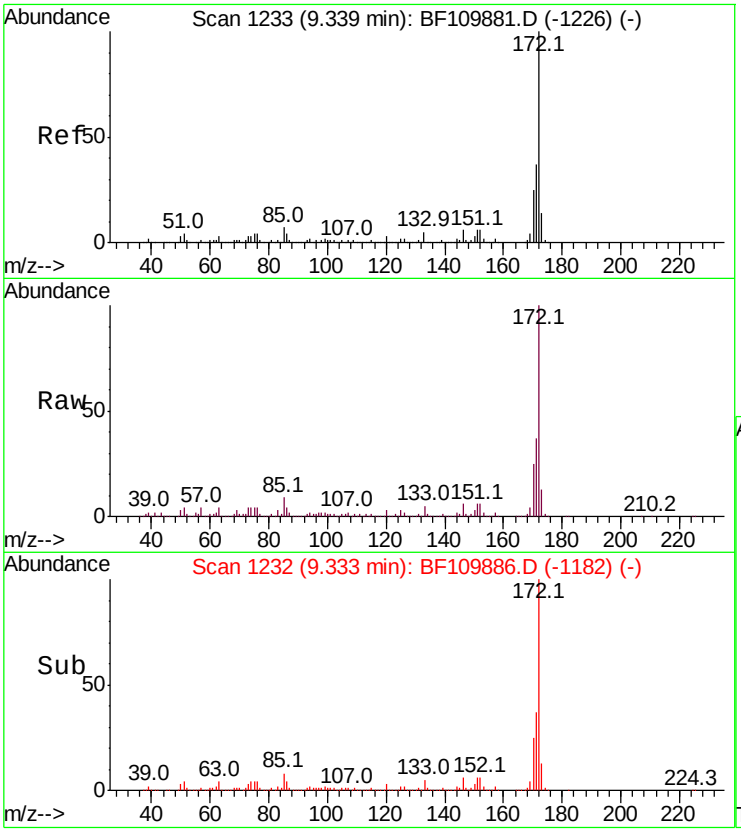


#42
2,4,6-Tribromophenol
Concen: 109.142 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:330 Resp: 272495

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	36.8	27.0	40.4



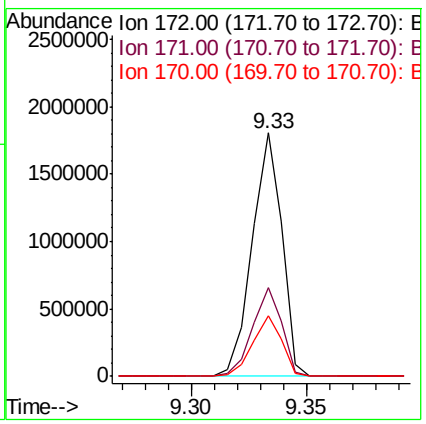


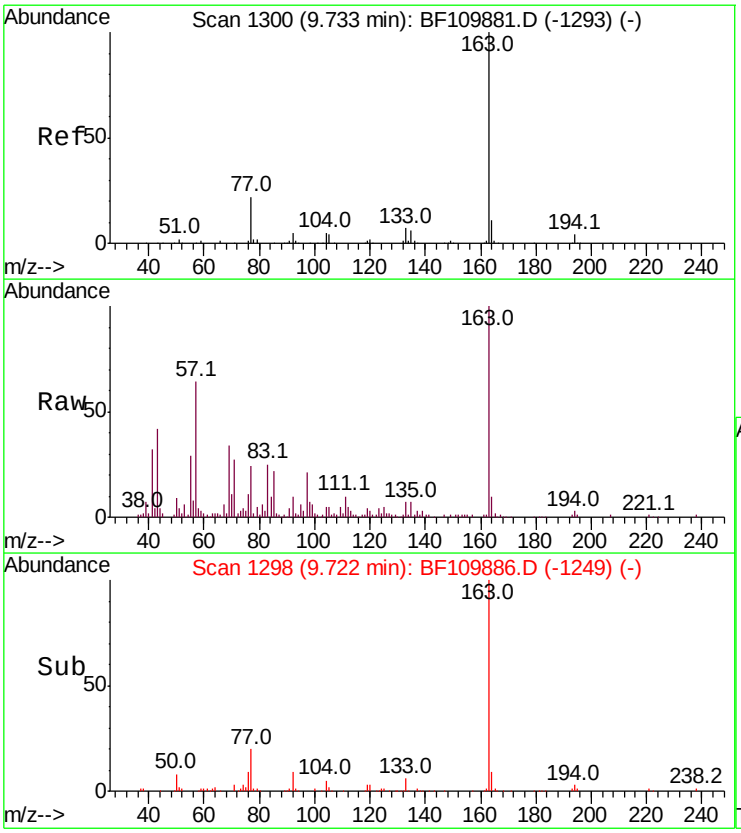
#45
2-Fluorobiphenyl
Concen: 89.872 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:172 Resp: 1624233

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	25.0	19.7	29.5

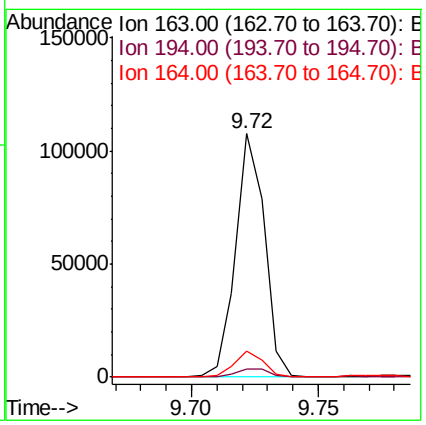


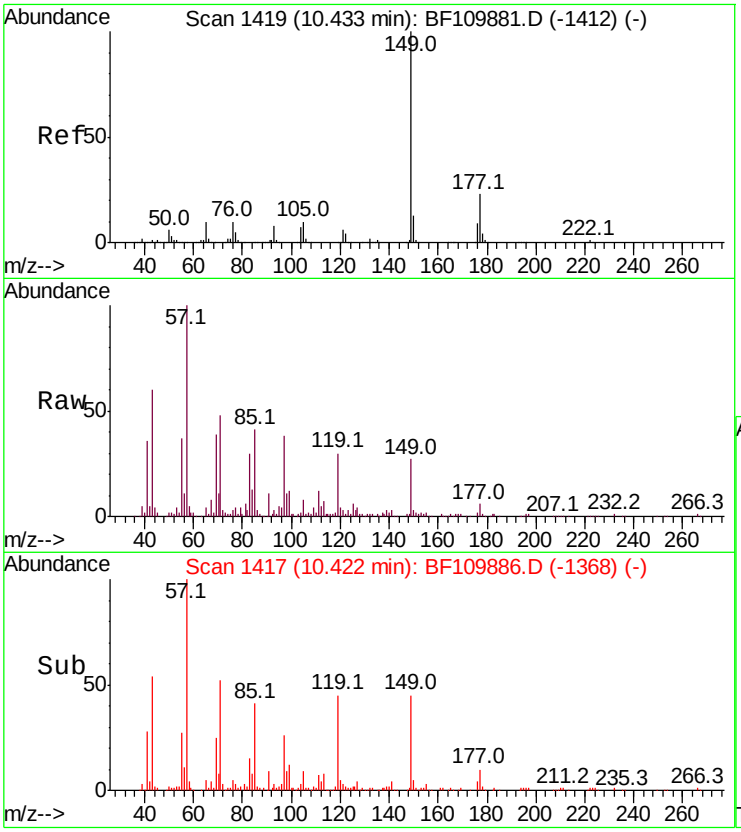


#50
Dimethylphthalate
Concen: 4.183 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:163 Resp: 85416

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.5	8.1	12.1



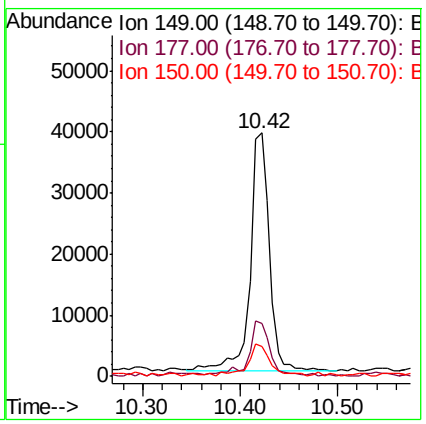


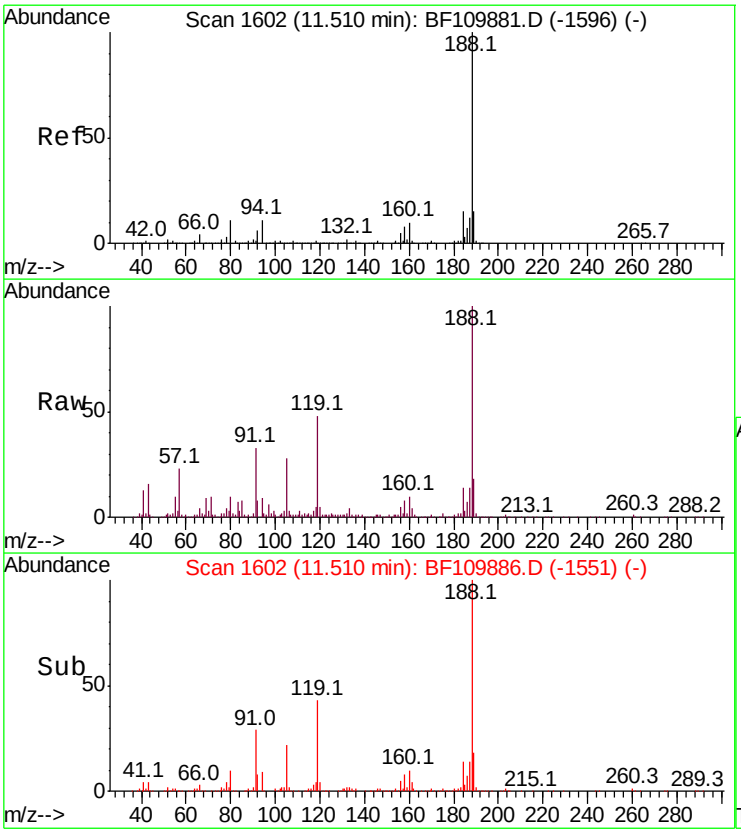
#60
Diethylphthalate
Concen: 2.694 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:149 Resp: 54331

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.0	9.8	14.8

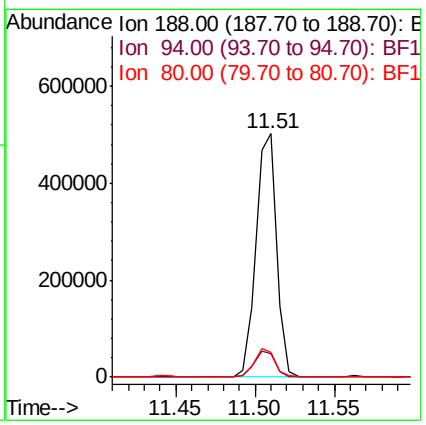


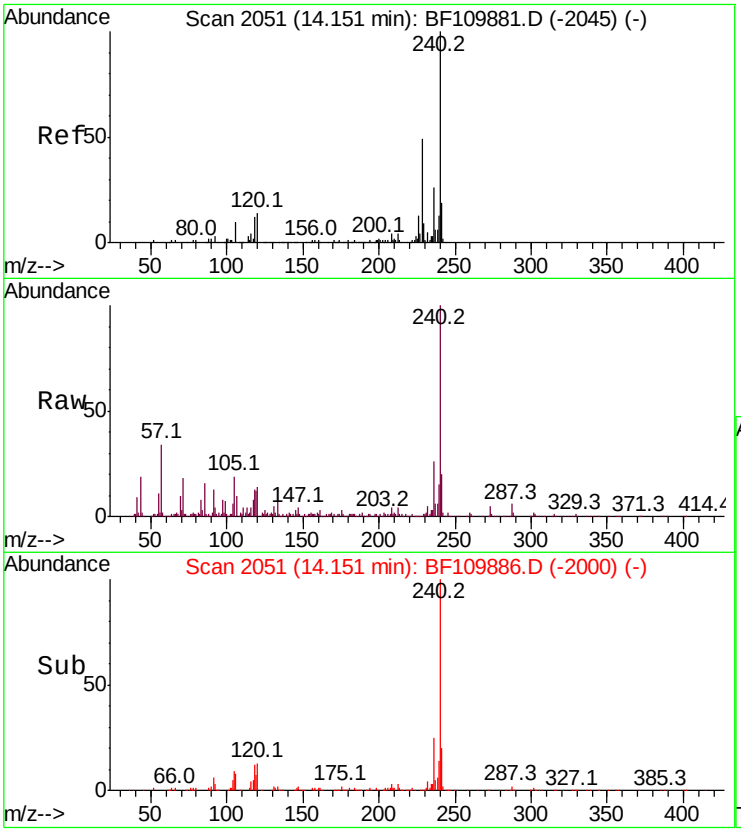


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:188 Resp: 456124

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.3	7.9	11.9



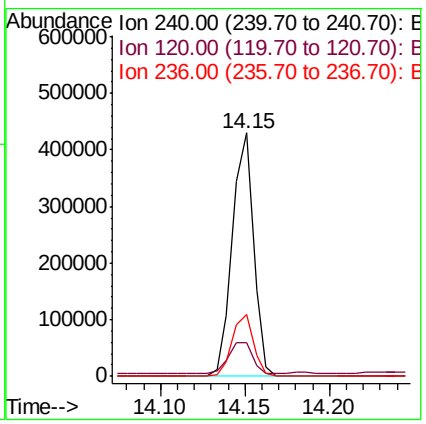


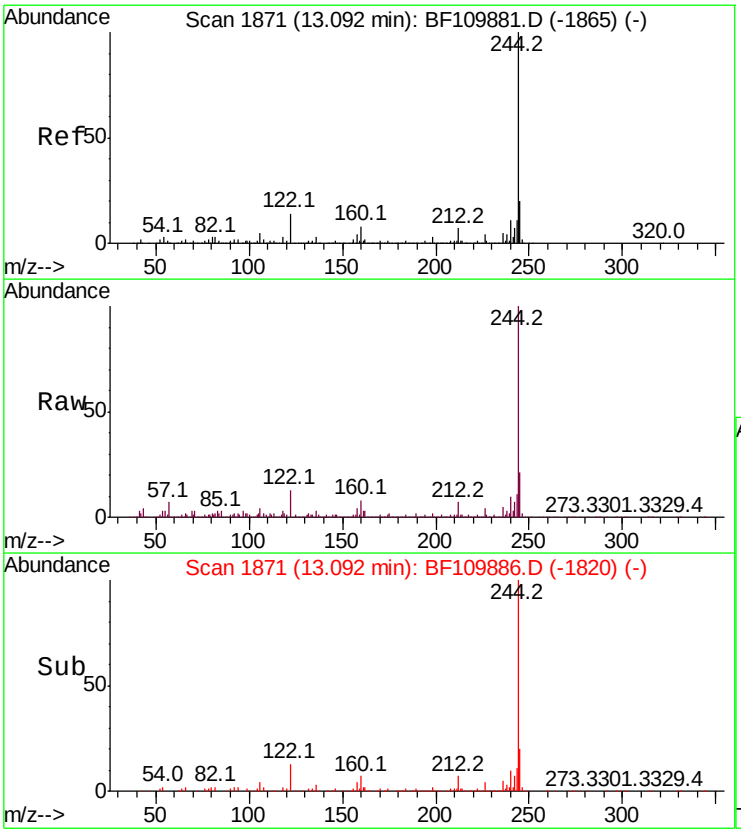
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:240 Resp: 377795

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	25.5	21.2	31.8

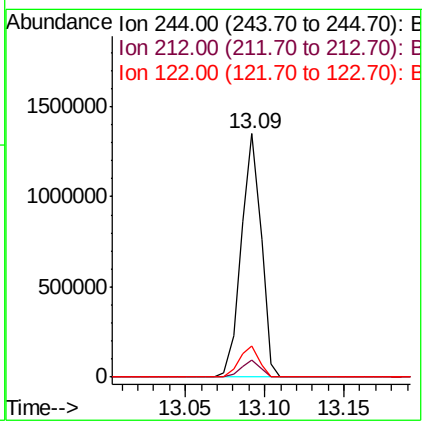


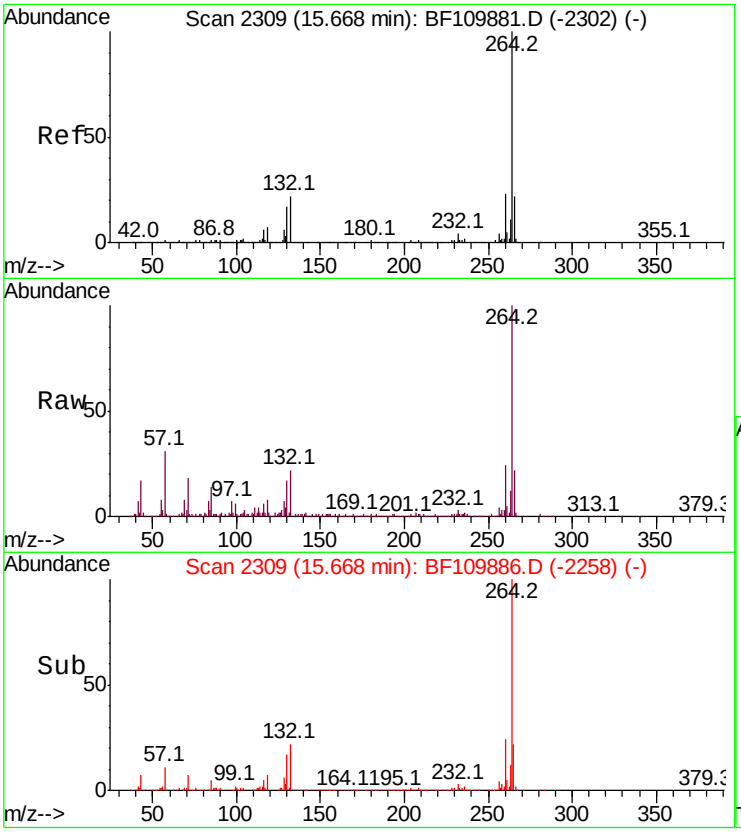


#79
Terphenyl-d14
Concen: 64.893 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Tgt Ion:244 Resp: 1167475

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF109886.D
Acq: 15 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :
MS-FRAC-TANK

Tgt Ion:264 Resp: 462709

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	16.7	25.1