Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113782.D
Acq On : 16 Apr 2019 00:23
Operator : JU/SJ
Sample : K2359-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-2

Quant Time: Apr 16 05:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113941	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	398262	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	161668	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	304601	20.00	ng		-0.01
76) Chrysene-d12	13.84	240	301371	20.00	ng		0.00
87) Perylene-d12	15.26	264	213346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	580226	86.84	ng		0.00
7) Phenol-d6	6.34	99	682136	82.83	ng		0.00
23) Nitrobenzene-d5	7.24	82	456550	67.15	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	175419	90.33	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	823381	81.99	ng		-0.02
79) Terphenyl-d14	12.77	244	833146	56.29	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.36	94	20110	2.138	ng		99
20) 3+4-Methylphenols	7.14	107	26624	3.668	ng	#	85
32) Benzoic acid	7.83	122	266090	63.783	ng		99
50) Dimethylphthalate	9.43	163	80797	6.780	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	98209	8.702	ng	#	98

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

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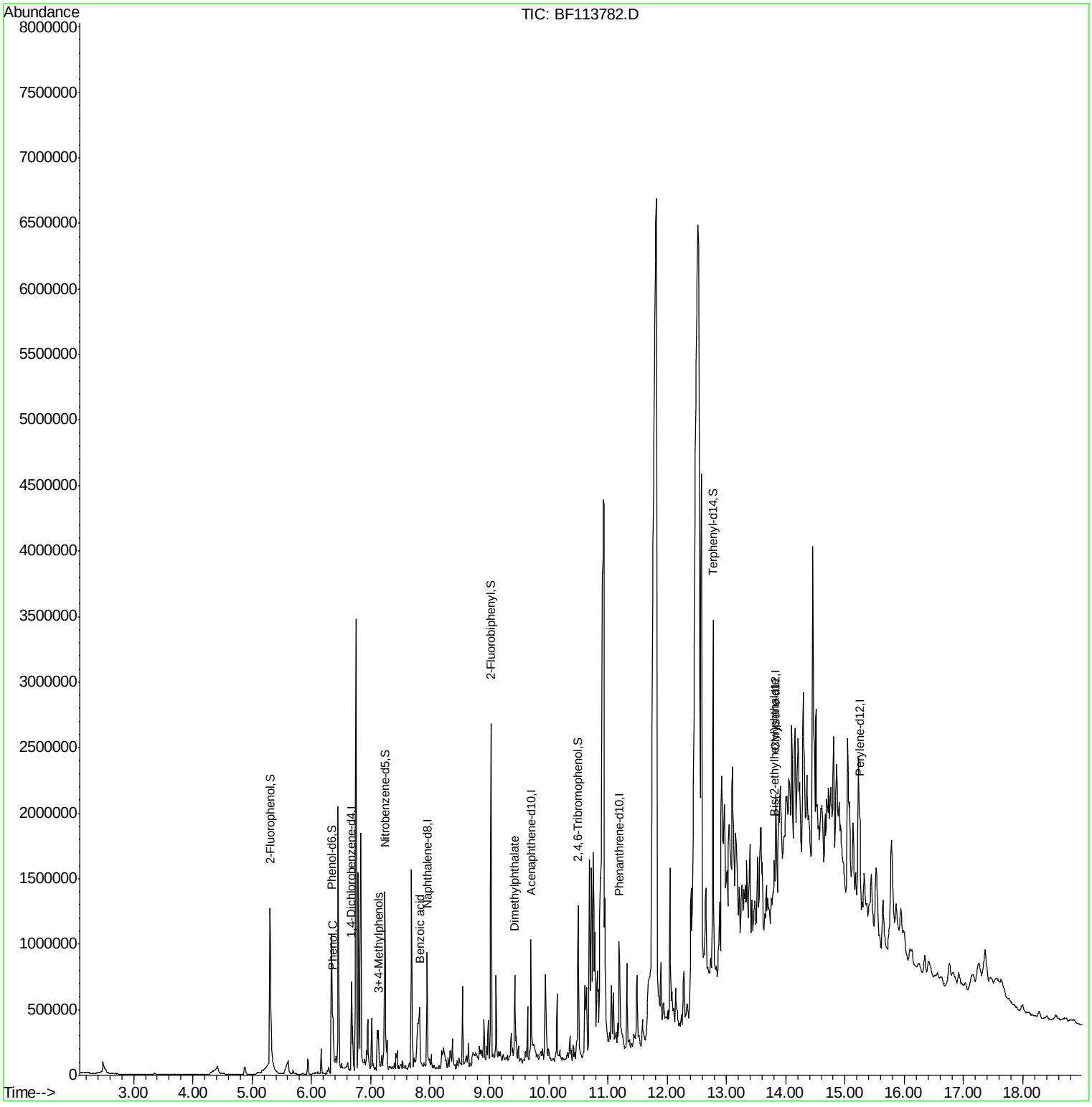
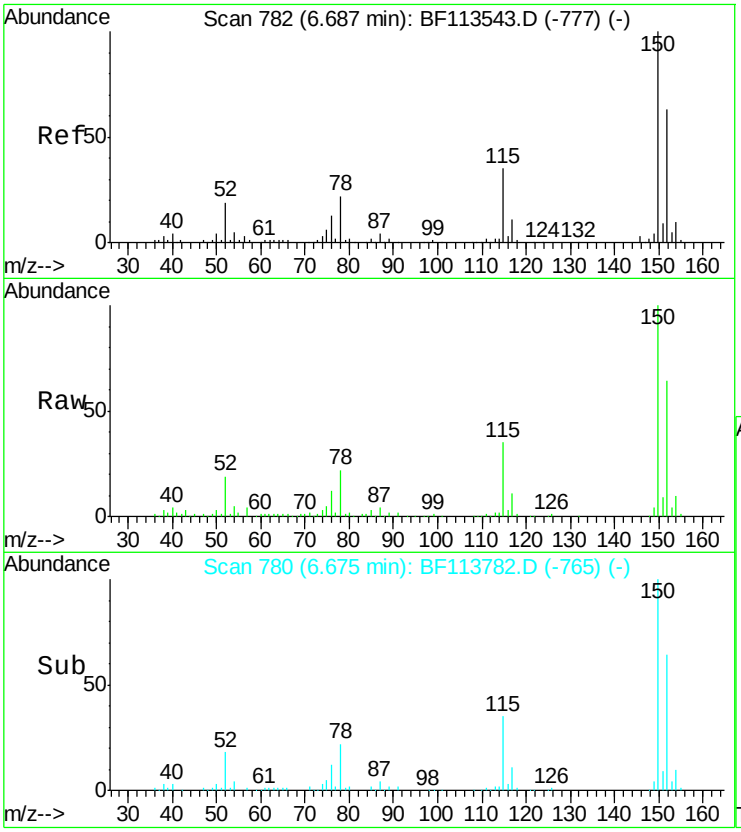


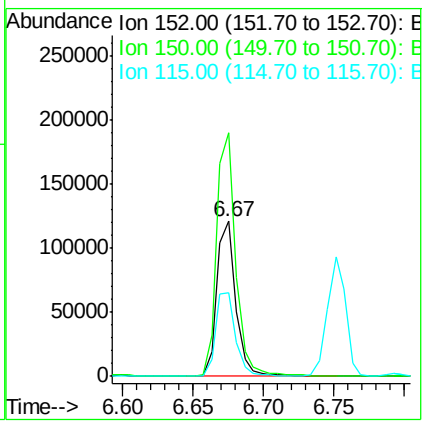


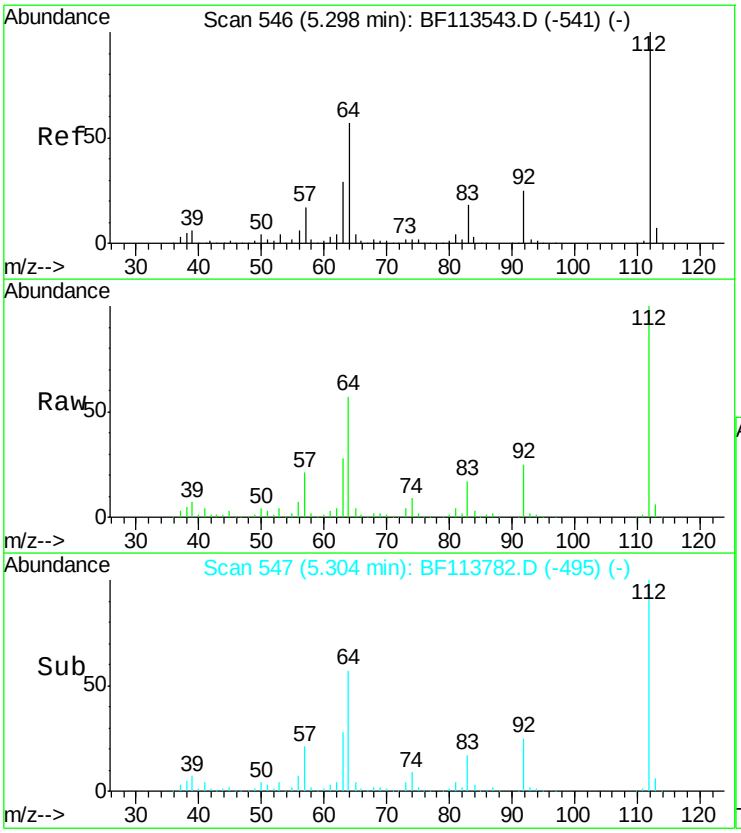
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:152 Resp: 113941

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	54.1	46.0	69.0

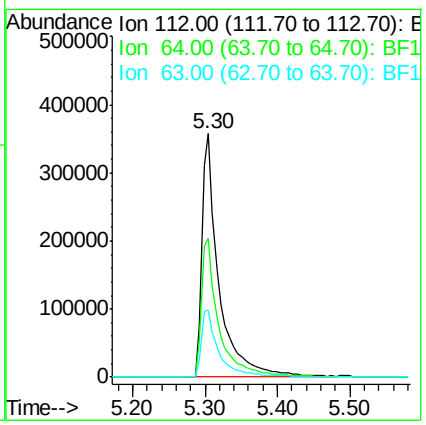


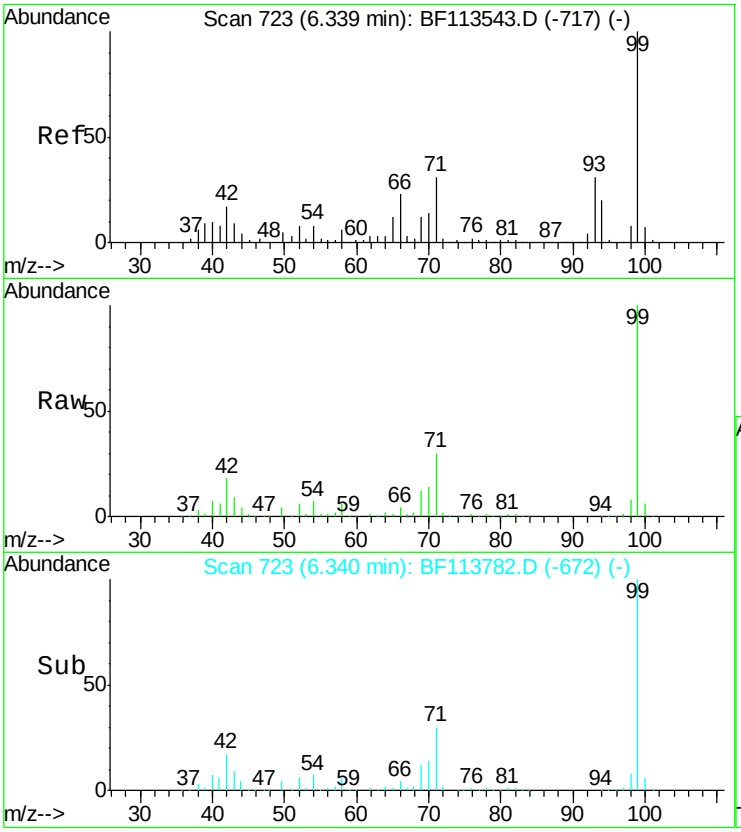


#5
2-Fluorophenol
Concen: 86.836 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:112 Resp: 580226

Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.2	73.8
63	27.7	24.9	37.3



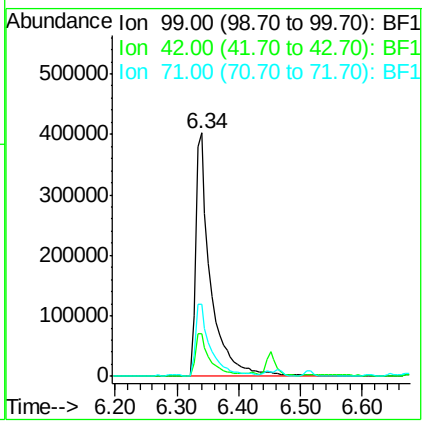


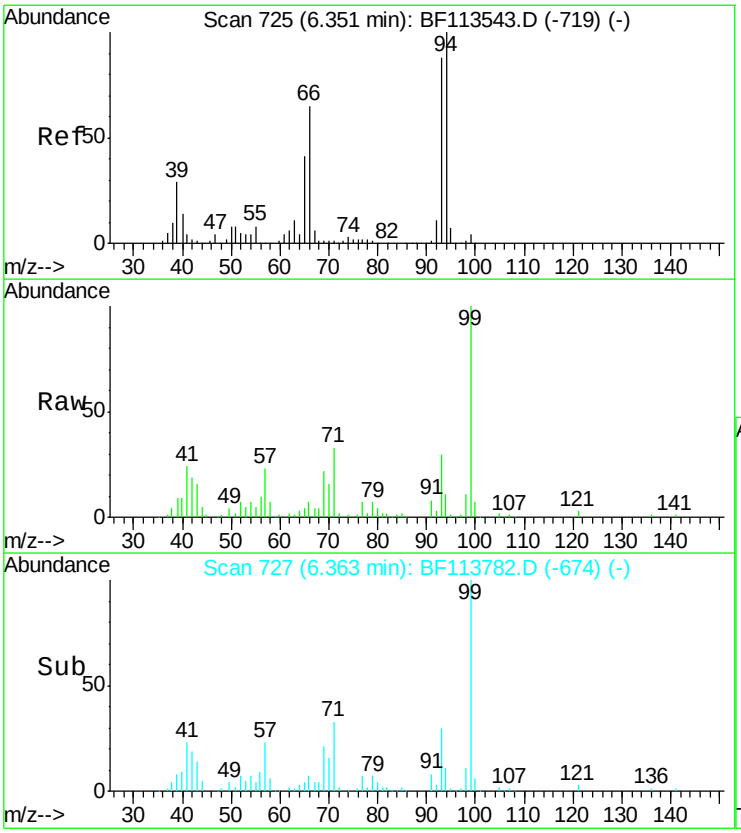
#7
Phenol-d6
Concen: 82.829 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion: 99 Resp: 682136

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	29.7	24.9	37.3

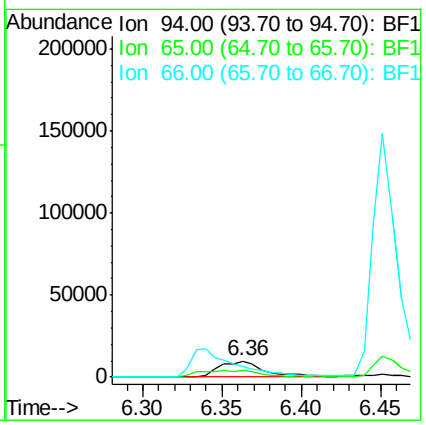


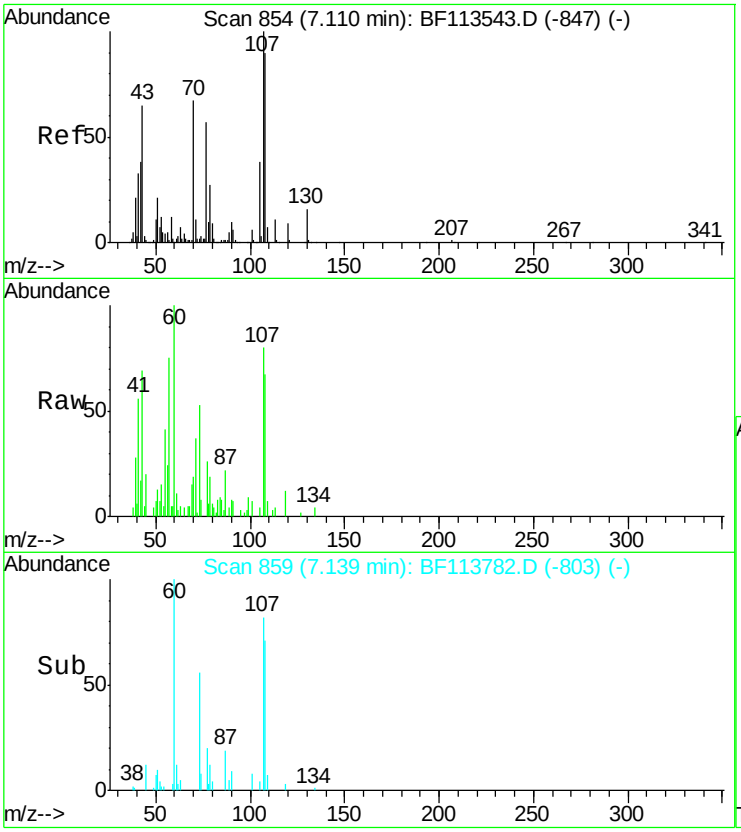


#10
Phenol
Concen: 2.138 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion: 94 Resp: 20110

Ion	Ratio	Lower	Upper
94	100		
65	40.7	21.4	61.4
66	66.2	46.4	86.4



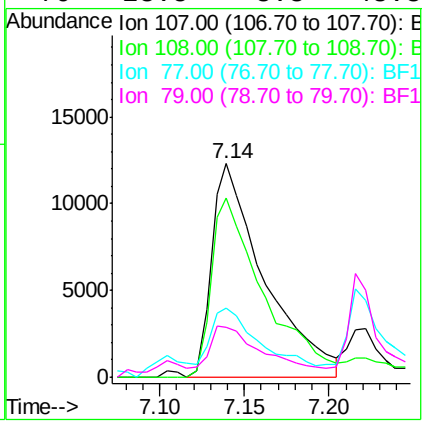


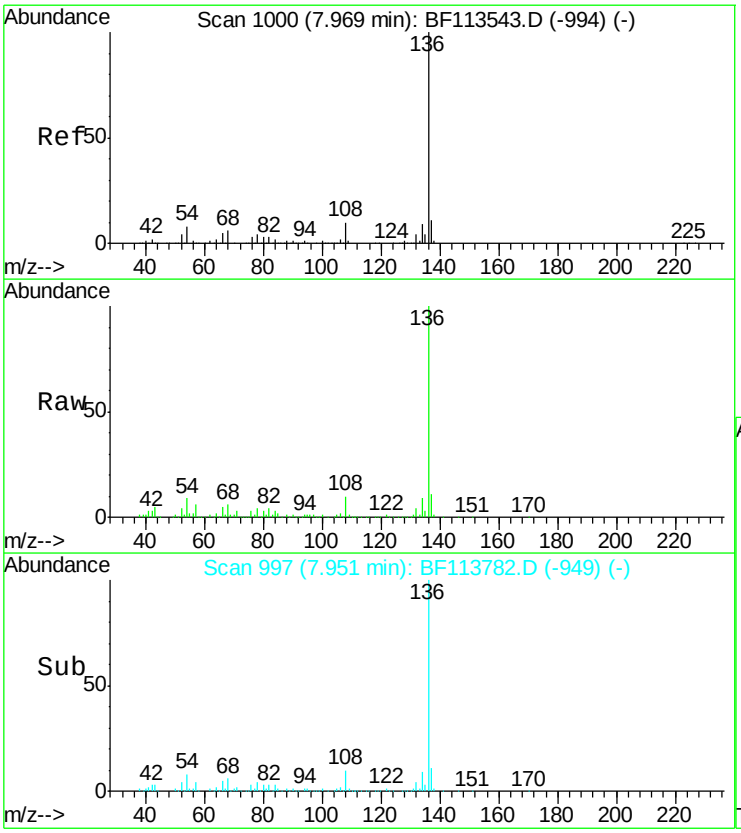
#20
3+4-Methylphenols
Concen: 3.668 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.03 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:107 Resp: 26624

Ion	Ratio	Lower	Upper
107	100		
108	83.9	71.4	111.4
77	32.5	33.5	73.5#
79	23.5	8.3	48.3

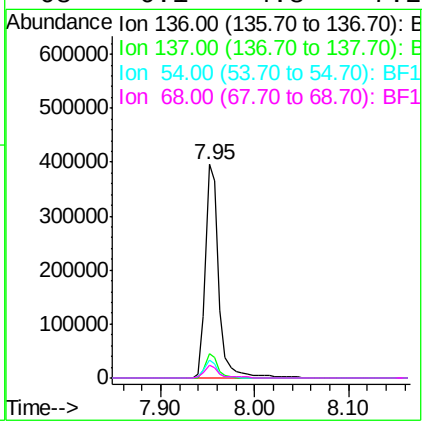


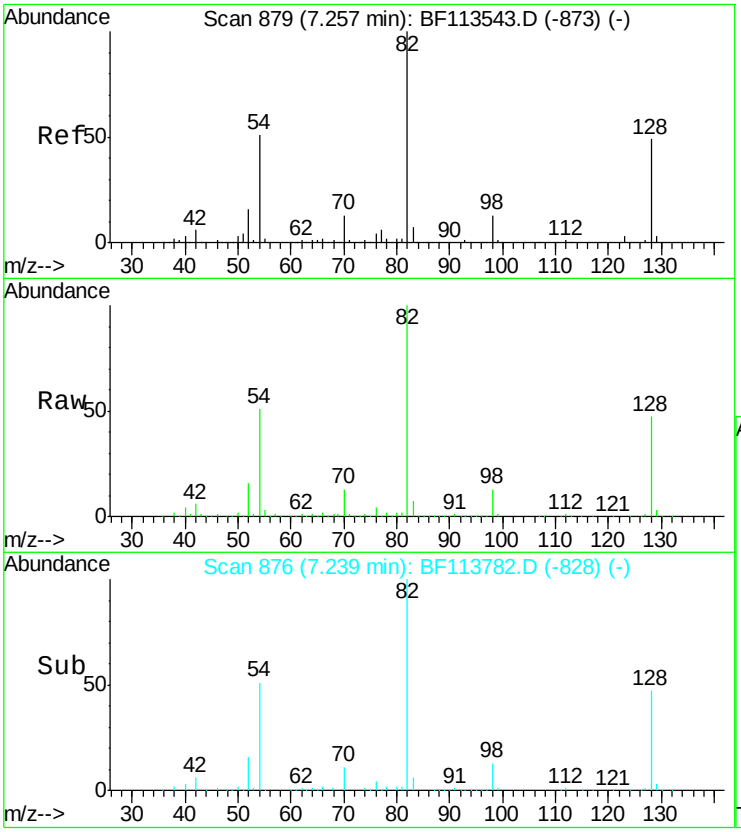


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:136 Resp: 398262

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.1	4.8	7.2



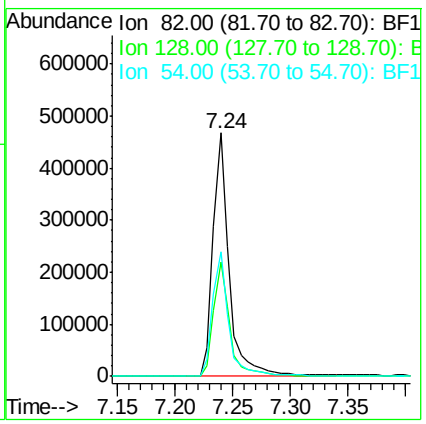


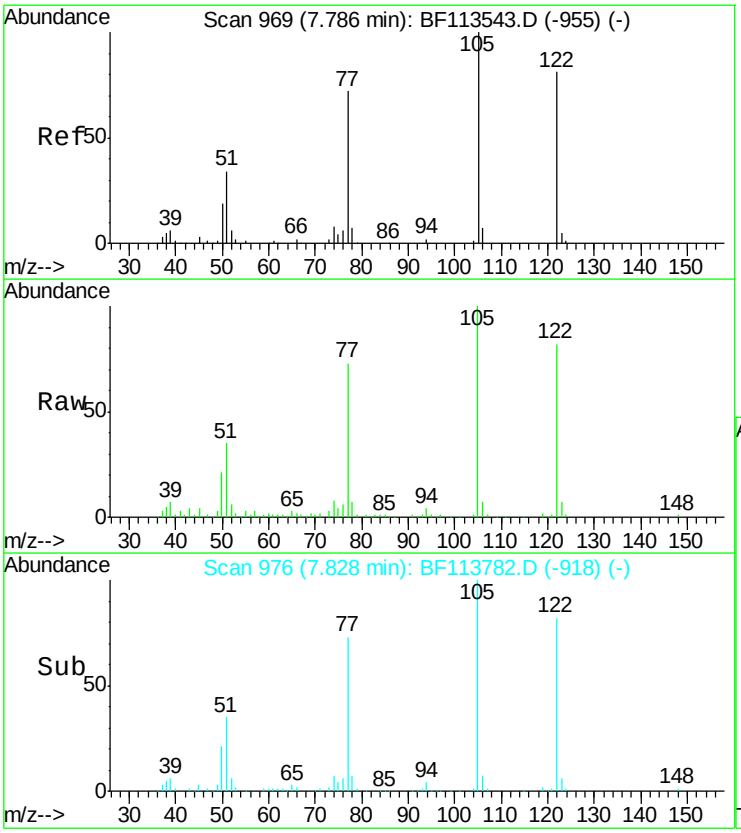
#23
Nitrobenzene-d5
Concen: 67.148 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion: 82 Resp: 456550

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	51.0	42.2	63.2

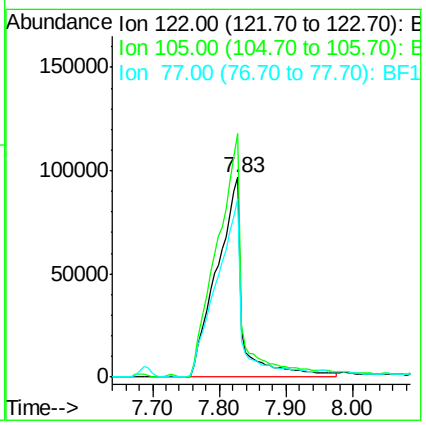


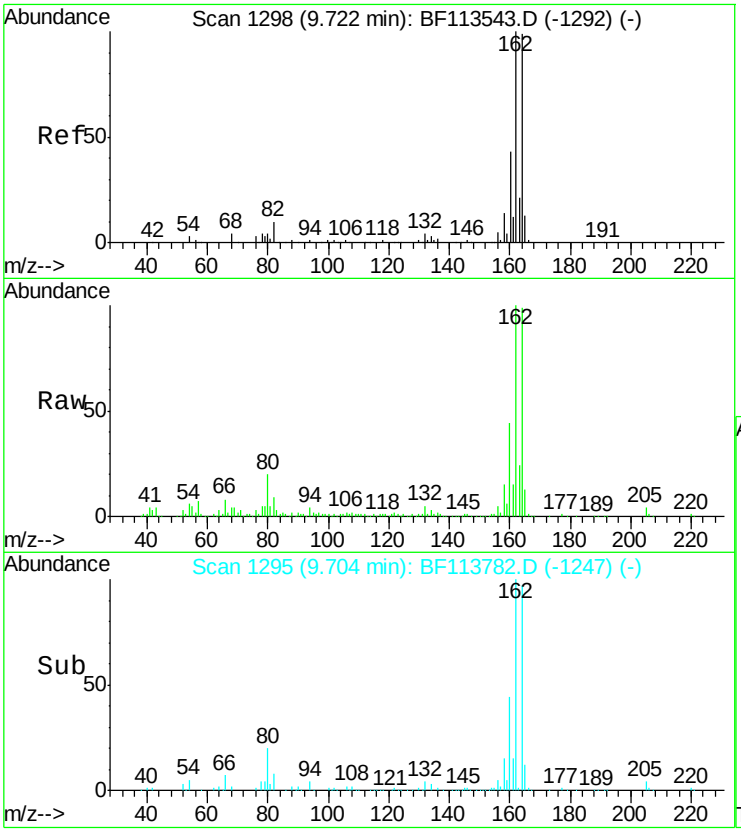


#32
Benzoic acid
Concen: 63.783 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:122 Resp: 266090

Ion	Ratio	Lower	Upper
122	100		
105	122.0	100.4	140.4
77	89.1	69.0	109.0



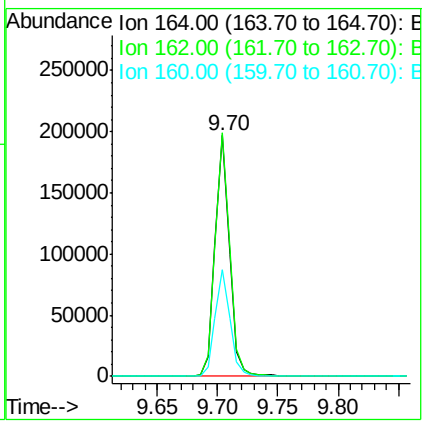


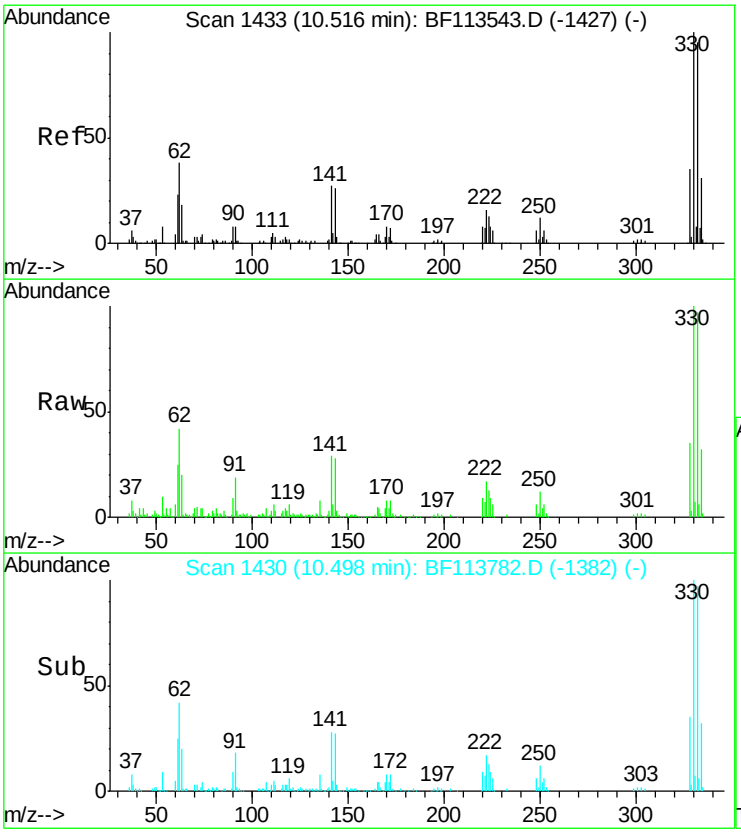
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:164 Resp: 161668

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.6
160	44.4	36.4	54.6

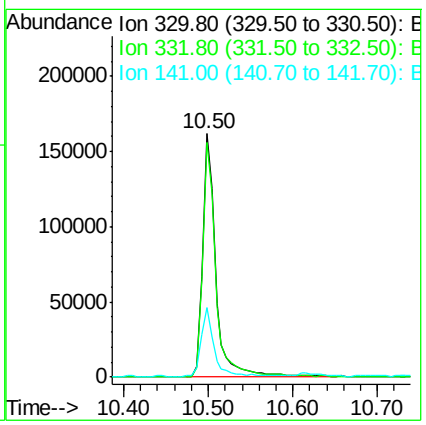


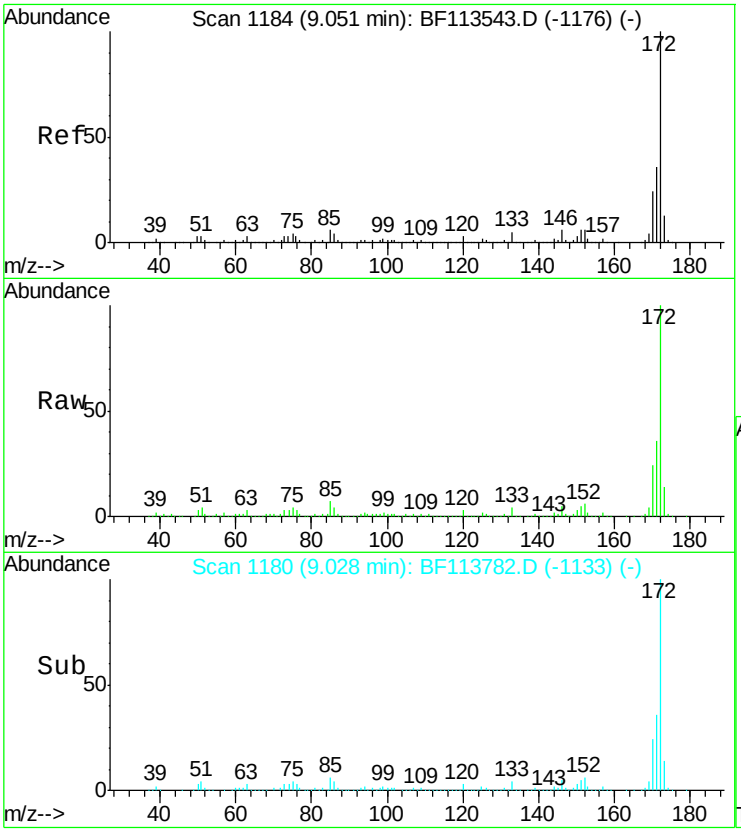


#42
2,4,6-Tribromophenol
Concen: 90.328 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:330 Resp: 175419

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	27.3	22.7	34.1



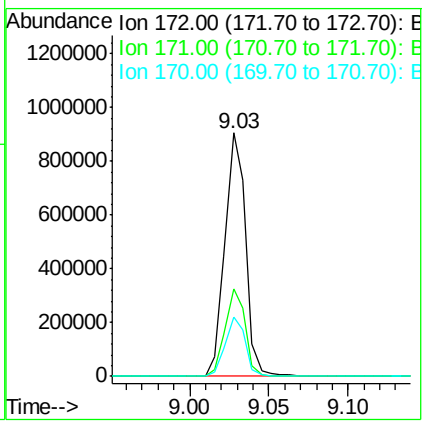


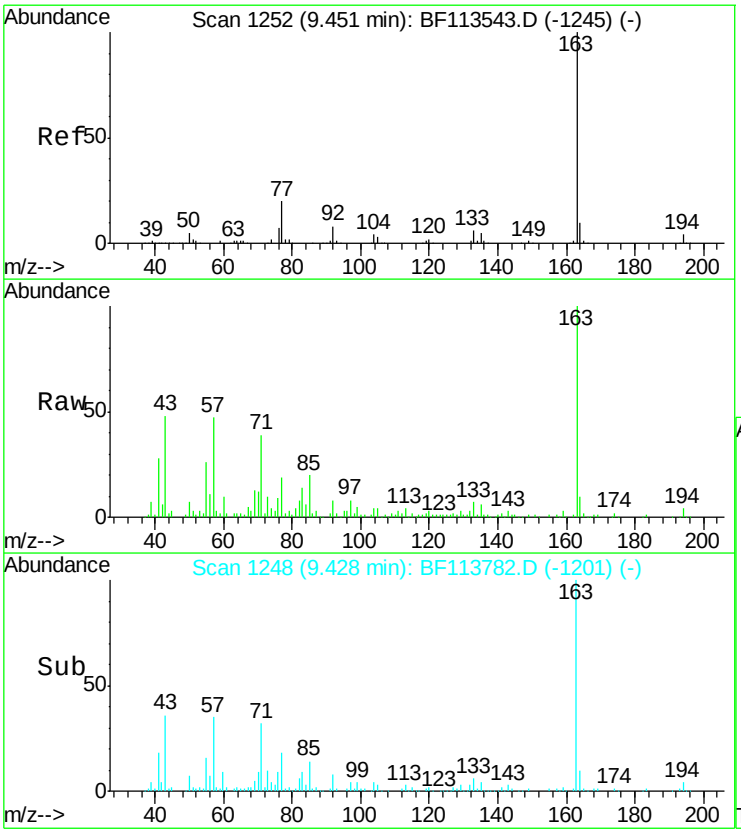
#45
2-Fluorobiphenyl
Concen: 81.992 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:172 Resp: 823381

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.1	19.5	29.3

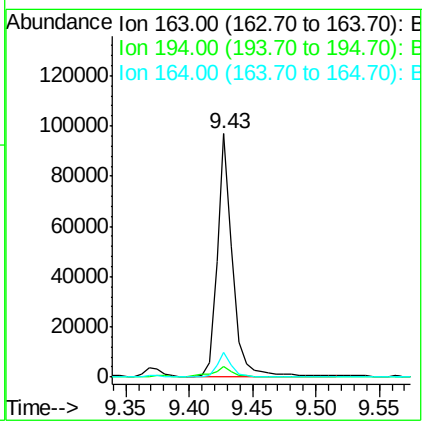


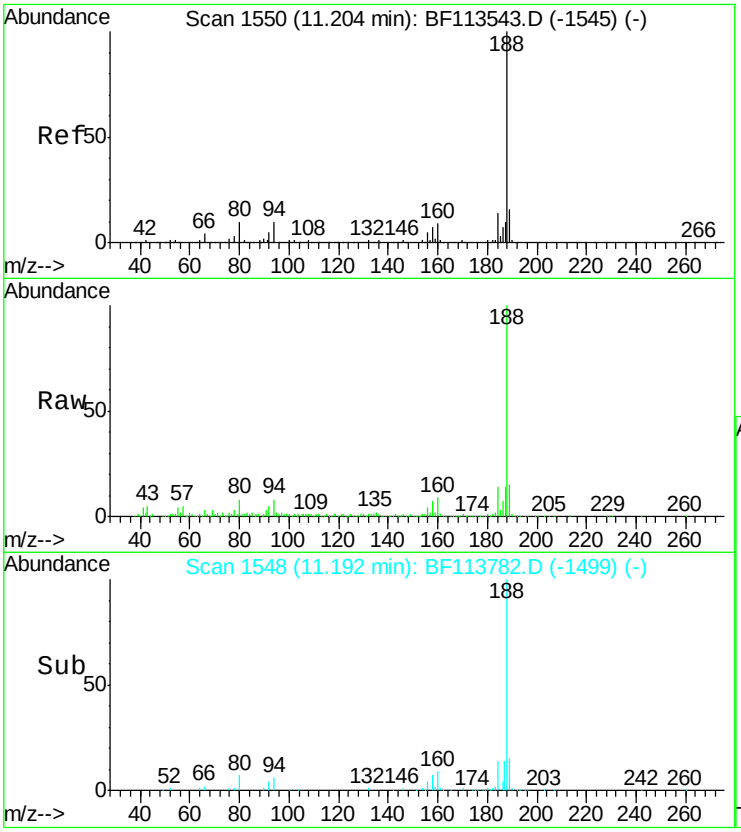


#50
Dimethylphthalate
Concen: 6.780 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:163 Resp: 80797

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.0	8.1	12.1



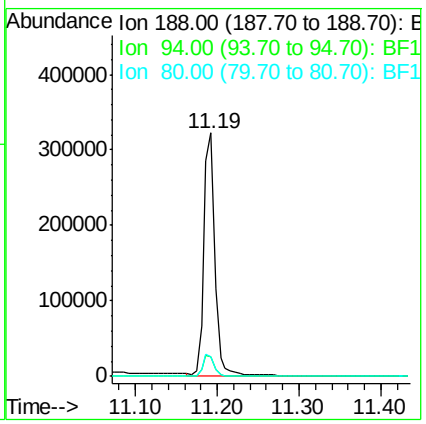


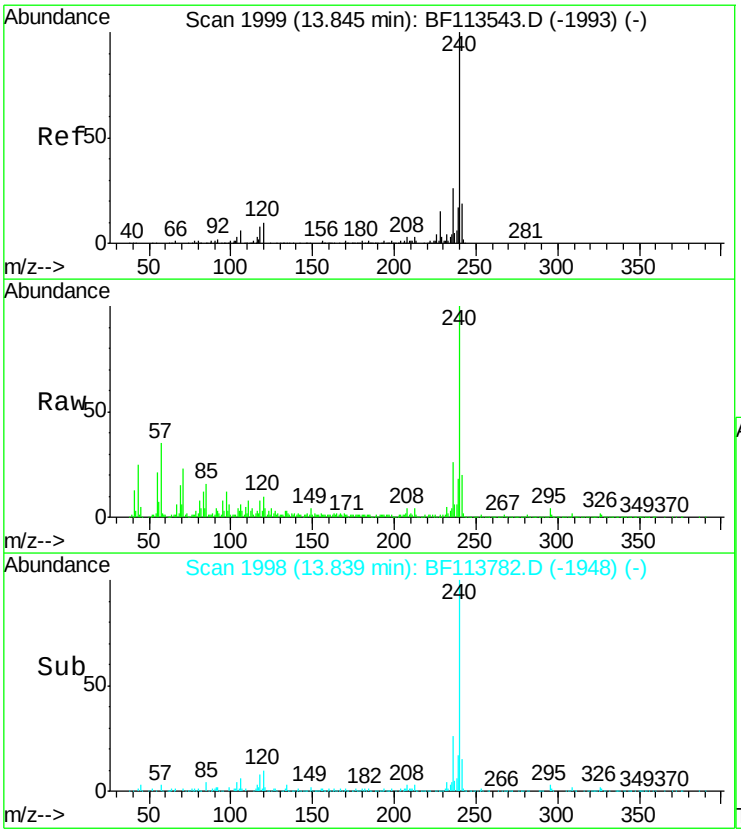
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:188 Resp: 304601

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.2	7.7	11.5

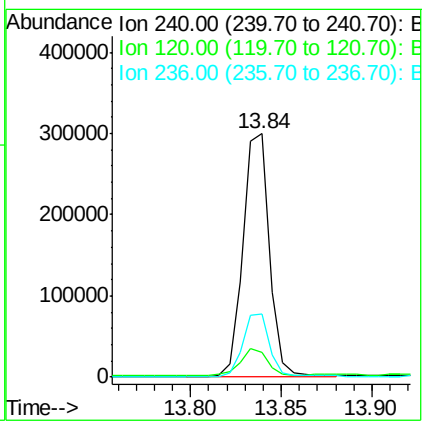


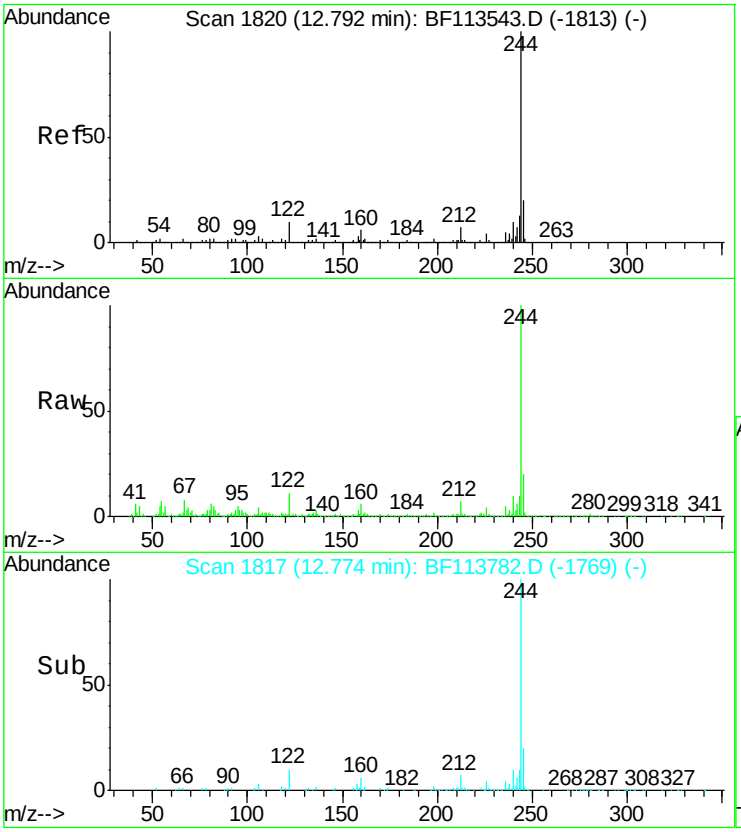


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:240 Resp: 301371

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.8	13.2
236	26.1	20.9	31.3



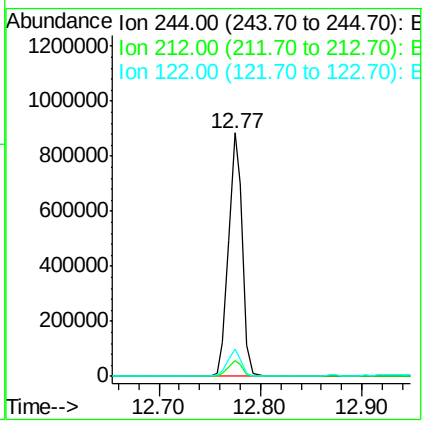


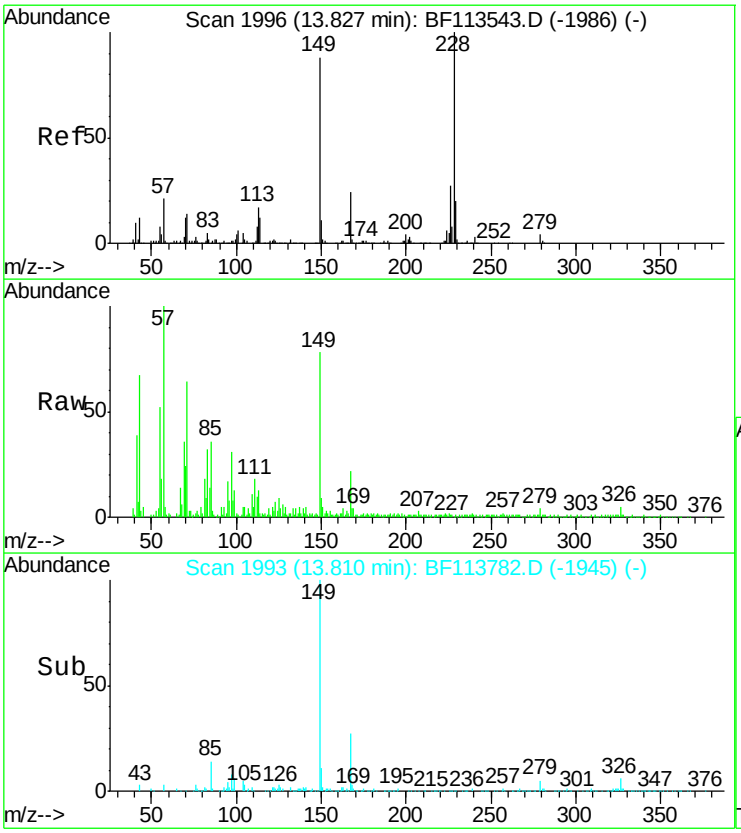
#79
Terphenyl-d14
Concen: 56.286 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:244 Resp: 833146

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.4	8.6	13.0

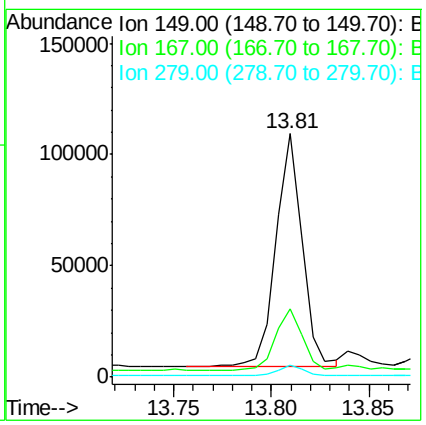


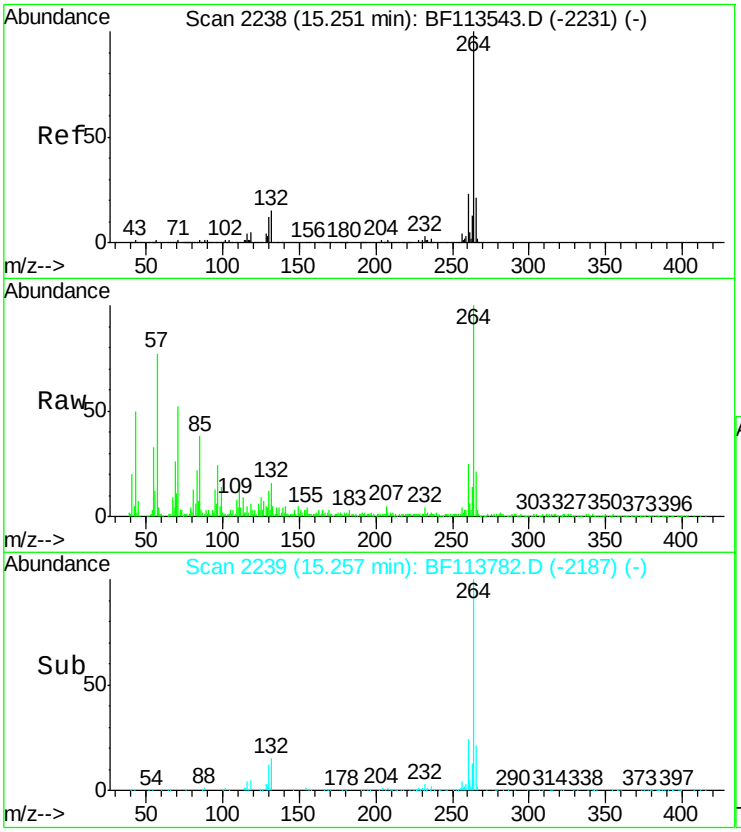


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.702 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:149 Resp: 98209

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	5.1	2.9	4.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tgt Ion:264 Resp: 213346

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.4	17.1	25.7