Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114416.D
Acq On : 19 May 2019 3:38
Operator : JU/SJ
Sample : K2899-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR(OWS)-4

Quant Time: May 20 08:25:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243036	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	908599	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	401430	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	694138	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	476067	20.00	ng	-0.03
87) Perylene-d12	15.46	264	506907	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1297781	85.93	ng	0.00
7) Phenol-d6	6.49	99	1525611	85.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	1320624	81.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	410784	98.98	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2270128	85.54	ng	-0.02
79) Terphenyl-d14	12.93	244	1907754	82.61	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.25	107	500282	32.694	ng	# 48
32) Benzoic acid	7.90	122	30457	9.923	ng	92
50) Dimethylphthalate	9.58	163	136135	4.620	ng	98

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

Quantitation Report (QT Reviewed)

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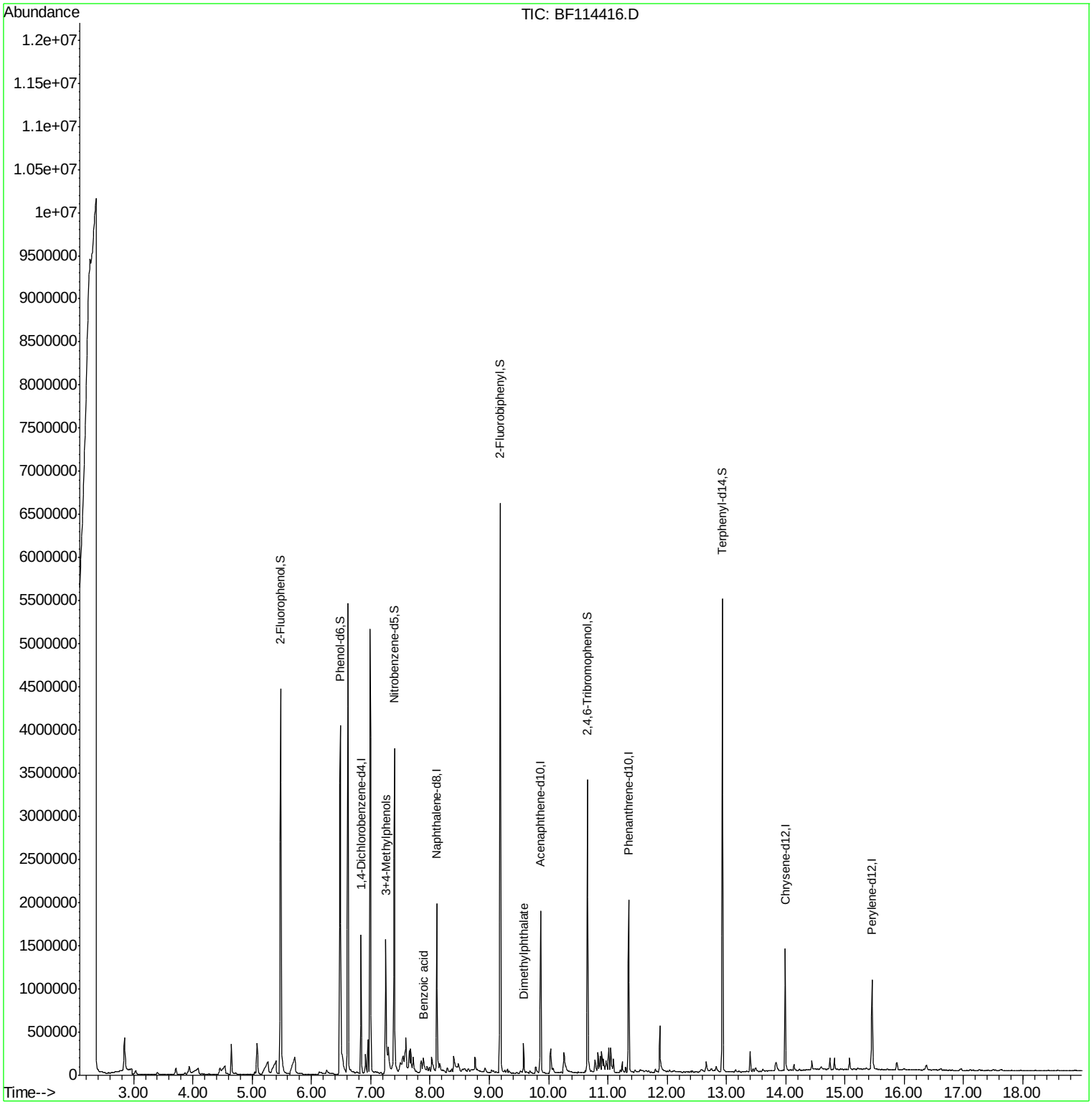
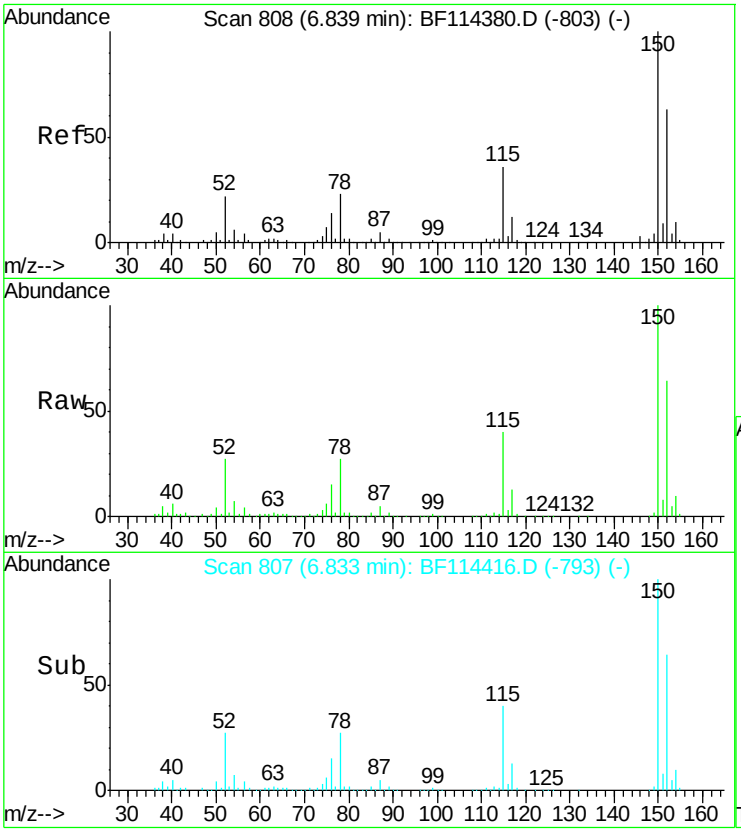


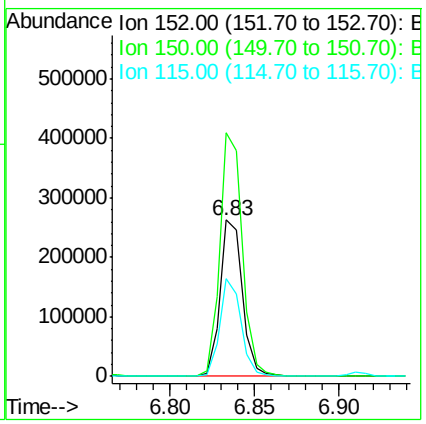


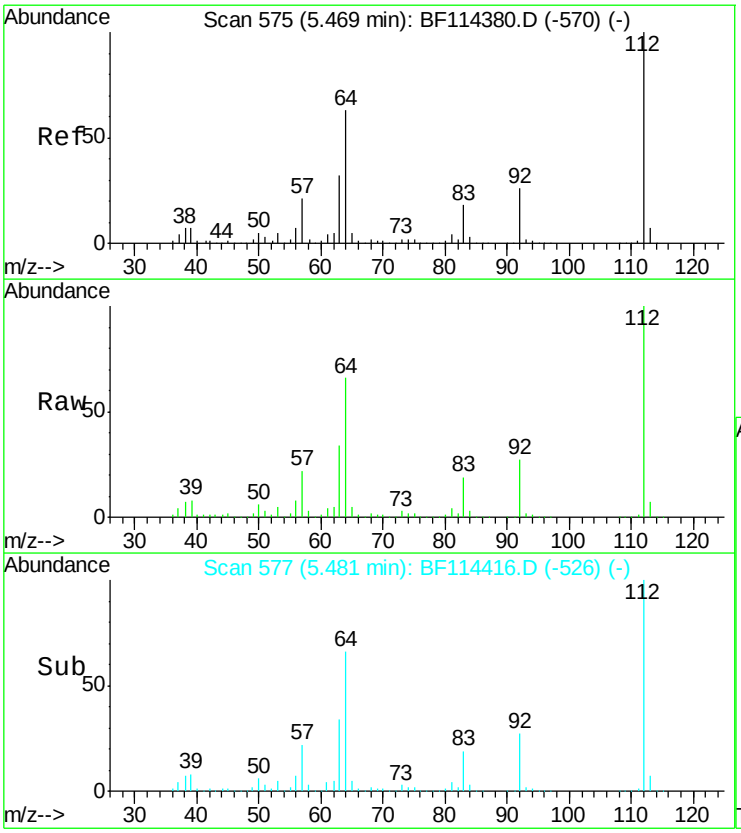
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:152 Resp: 243036

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	62.0	49.1	73.7

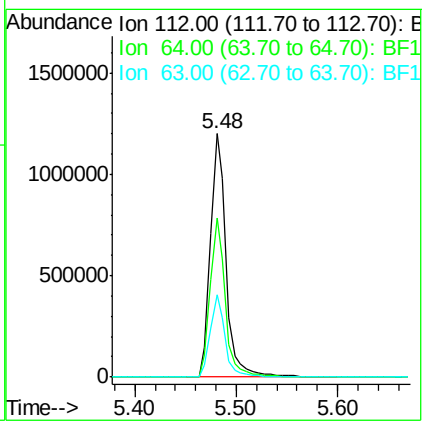


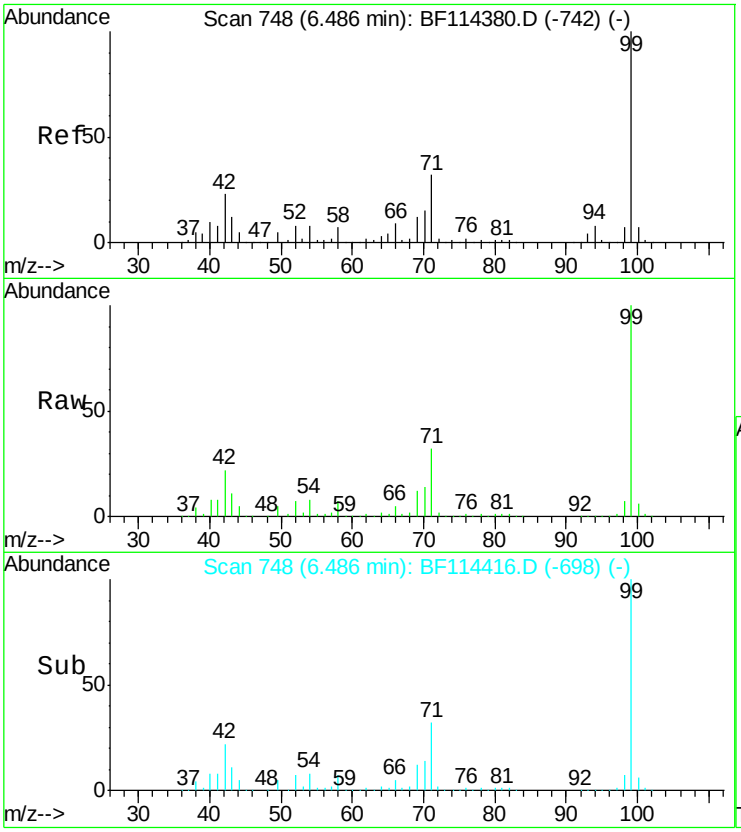


#5
2-Fluorophenol
Concen: 85.932 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:112 Resp: 1297781

Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.0	73.6
63	33.7	24.6	37.0



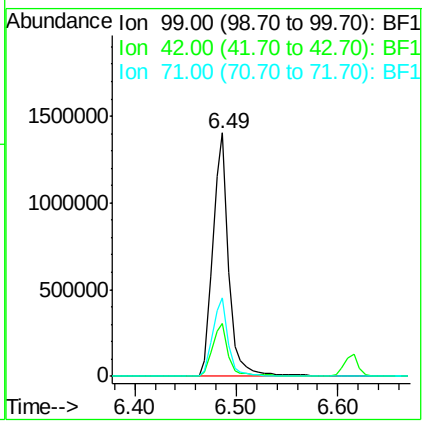


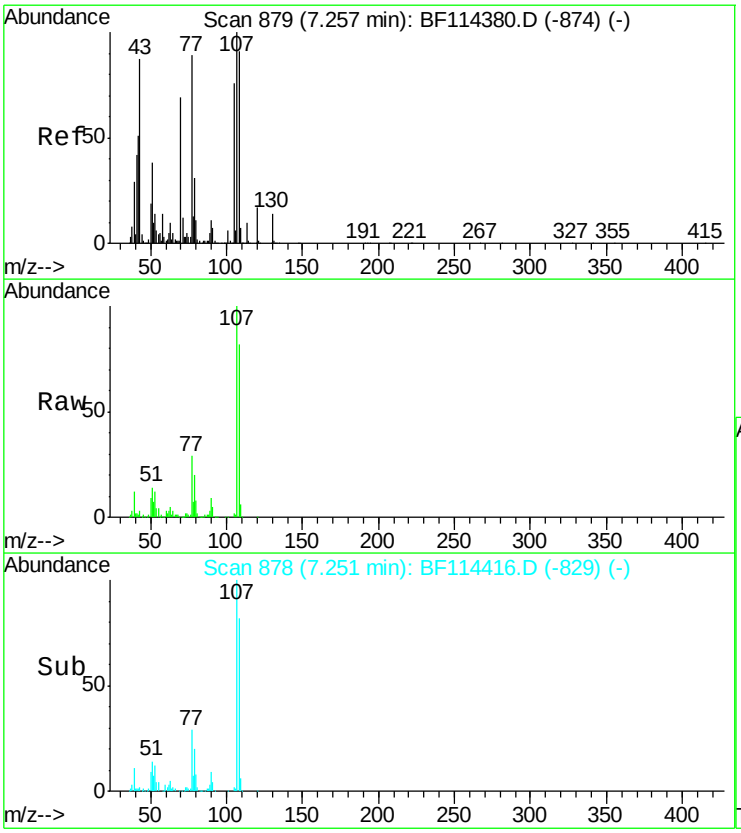
#7
Phenol-d6
Concen: 85.411 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion: 99 Resp: 1525611

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.1	26.2	39.2

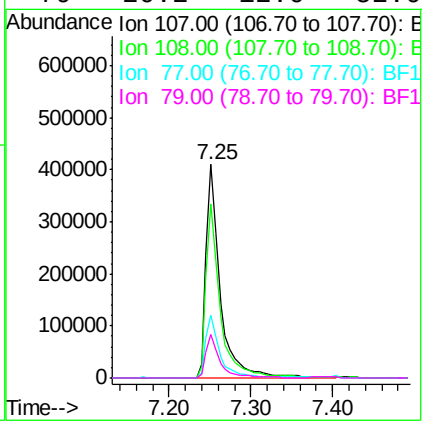


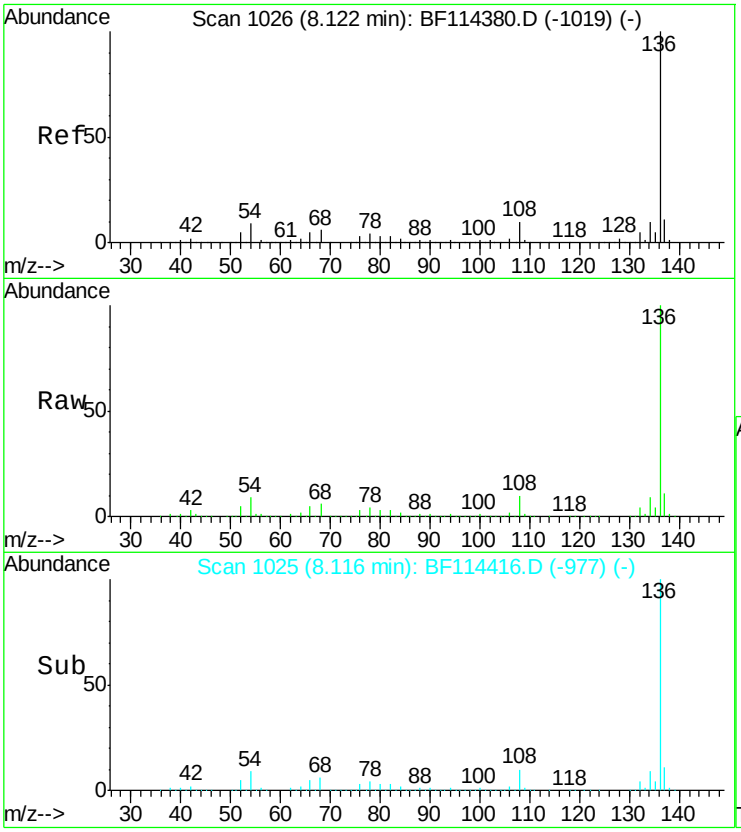


#20
3+4-Methylphenols
Concen: 32.694 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:107 Resp: 500282

Ion	Ratio	Lower	Upper
107	100		
108	81.5	73.8	113.8
77	29.2	111.5	151.5#
79	20.2	12.0	52.0



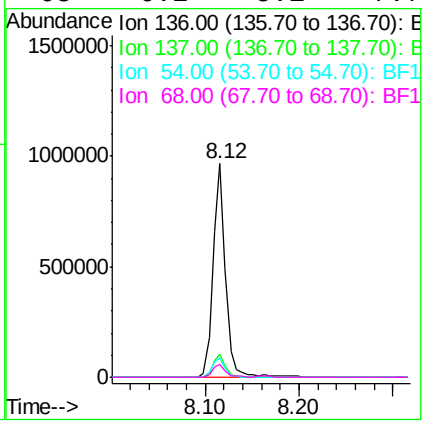


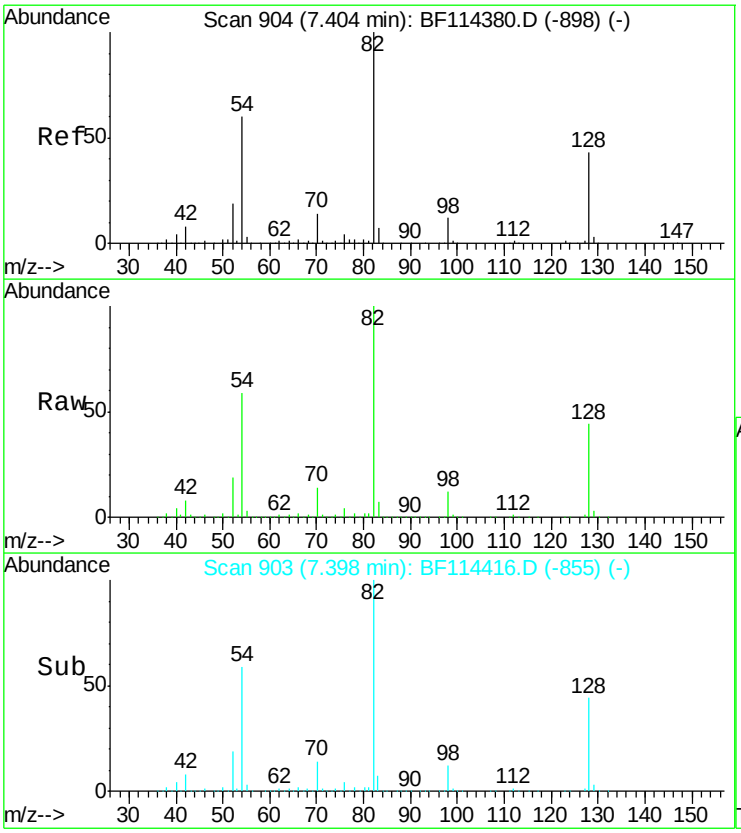
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:136 Resp: 908599

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	7.8	11.8
68	6.2	5.1	7.7

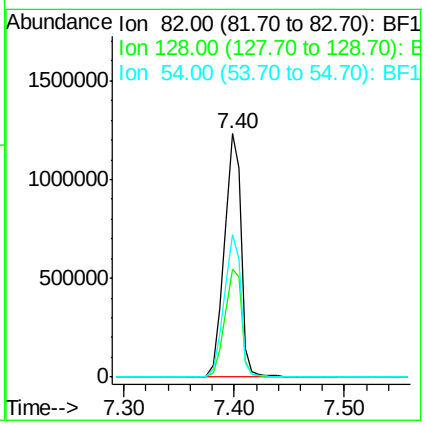


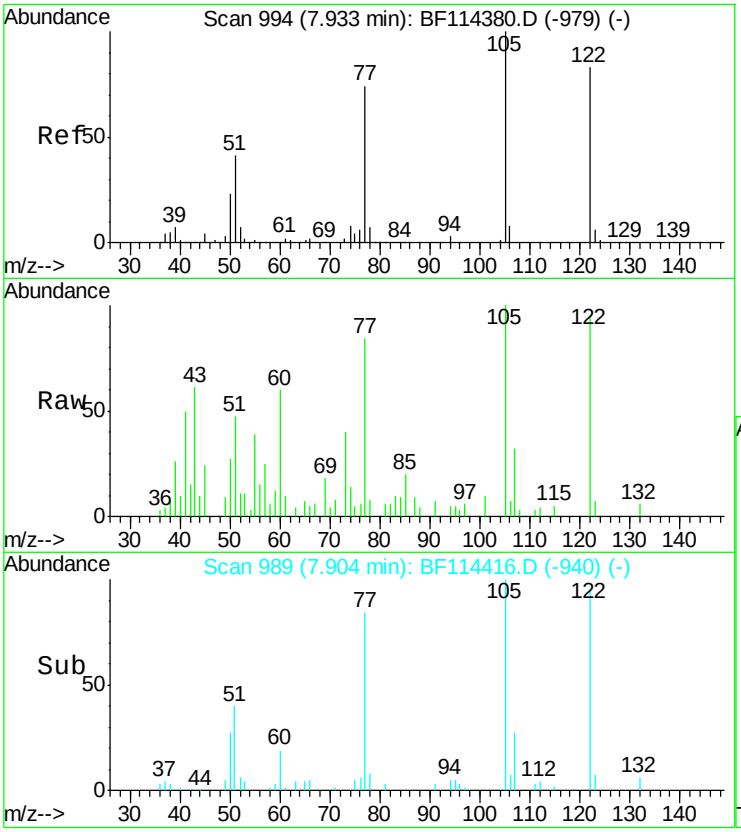


#23
Nitrobenzene-d5
Concen: 81.569 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion: 82 Resp: 1320624

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	58.7	48.5	72.7



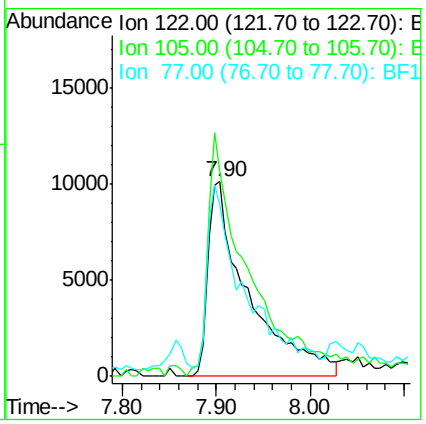


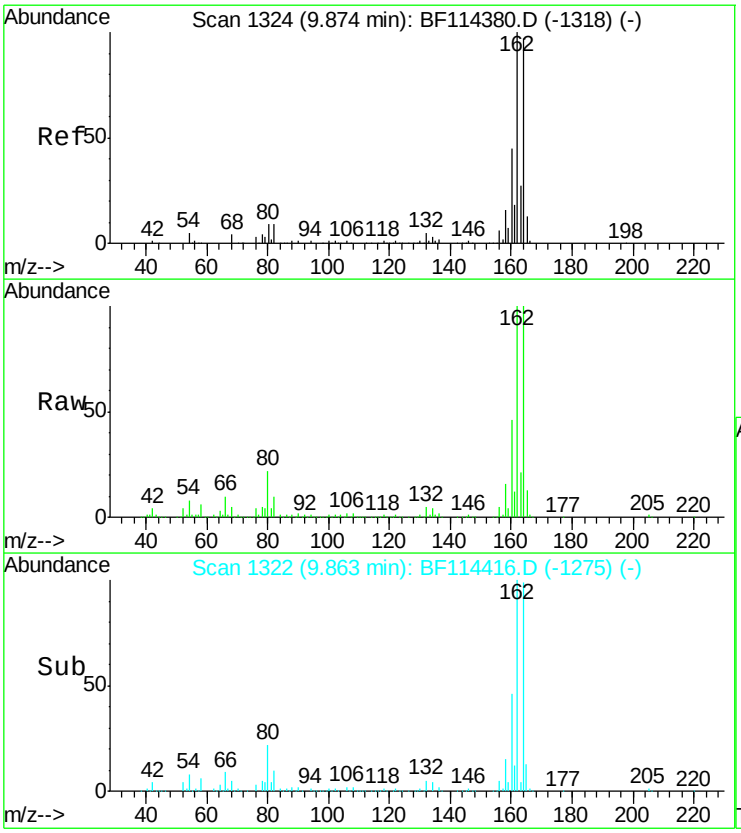
#32
Benzoic acid
Concen: 9.923 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:122 Resp: 30457

Ion	Ratio	Lower	Upper
122	100		
105	105.1	99.9	139.9
77	88.4	69.4	109.4

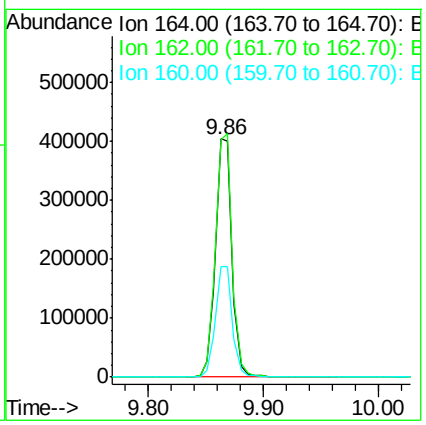


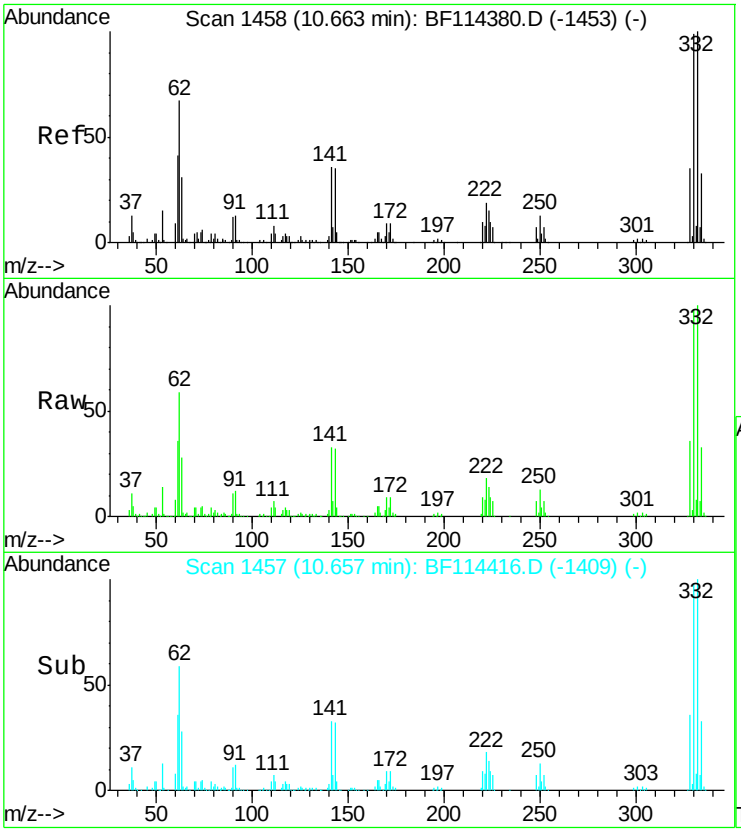


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:164 Resp: 401430

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	46.2	36.5	54.7



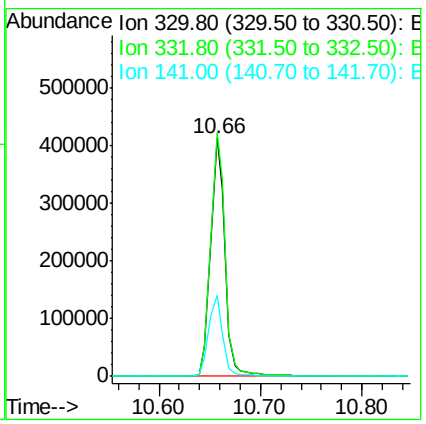


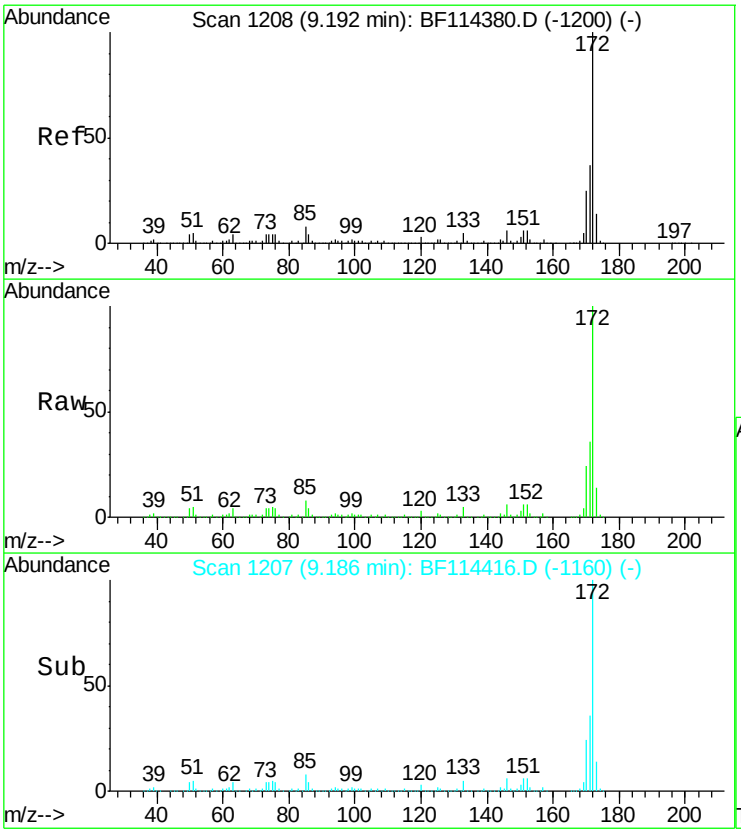
#42
2,4,6-Tribromophenol
Concen: 98.981 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:330 Resp: 410784

Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	33.9	26.6	40.0

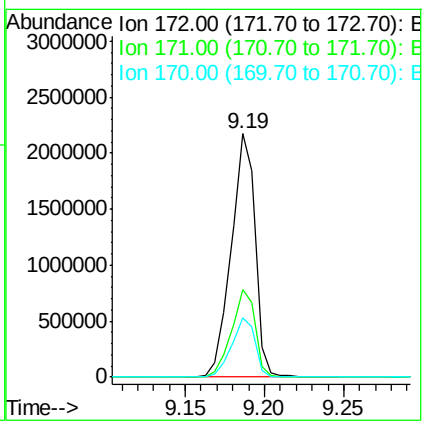


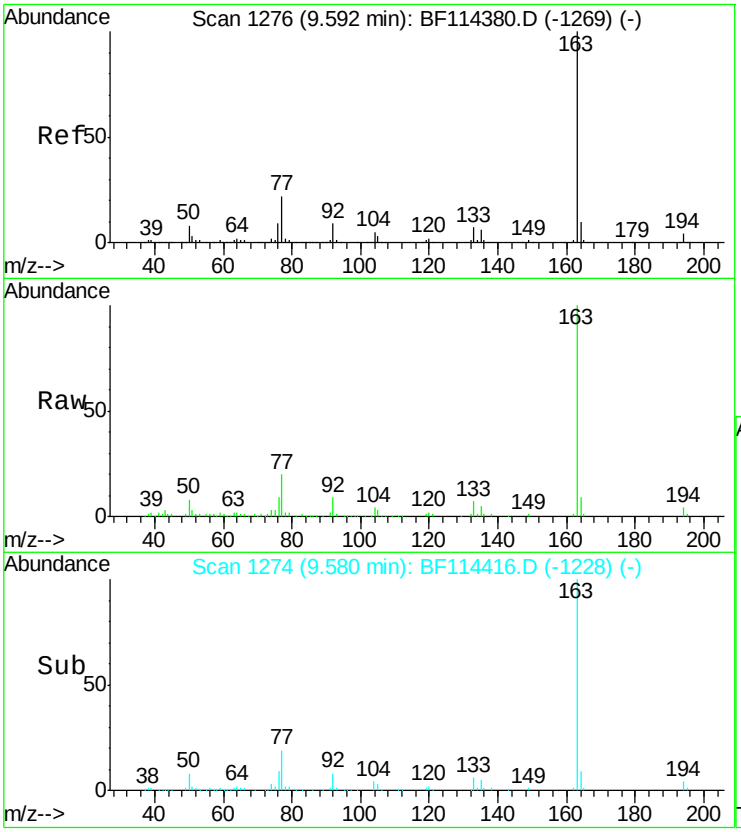


#45
2-Fluorobiphenyl
Concen: 85.543 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:172 Resp: 2270128

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7



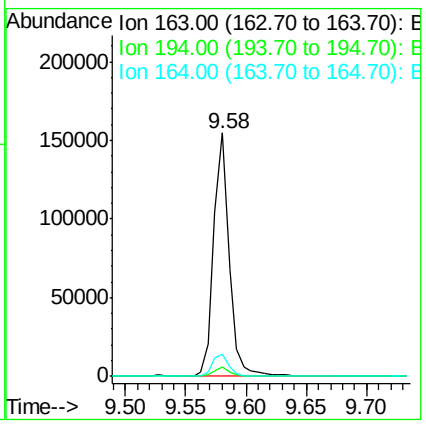


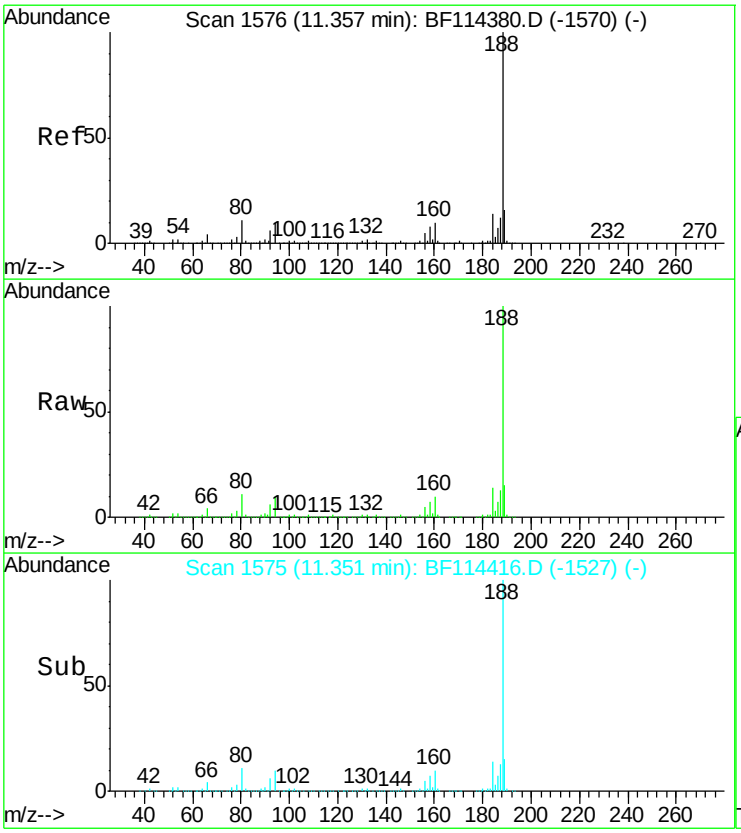
#50
Dimethylphthalate
Concen: 4.620 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:163 Resp: 136135

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.1	8.2	12.2

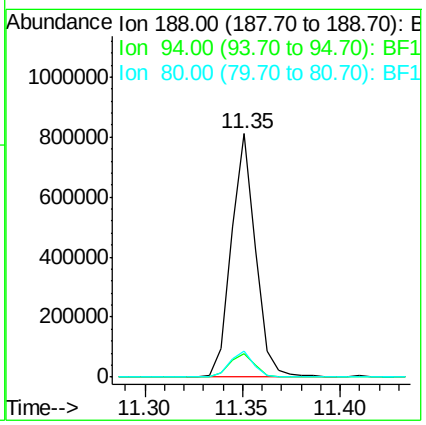


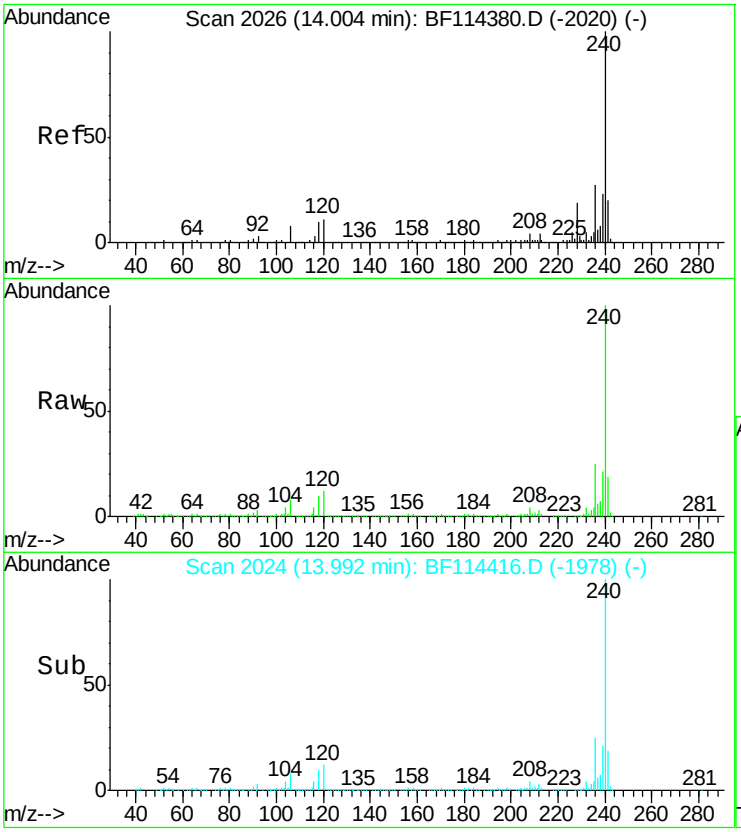


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:188 Resp: 694138

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.6	9.2	13.8



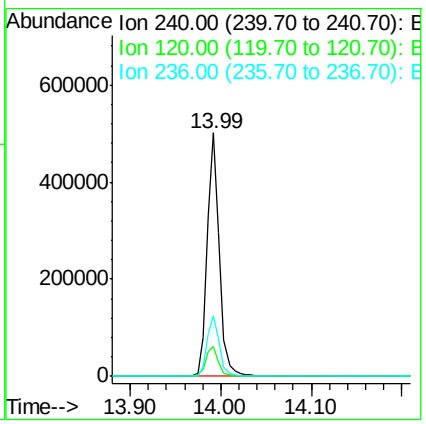


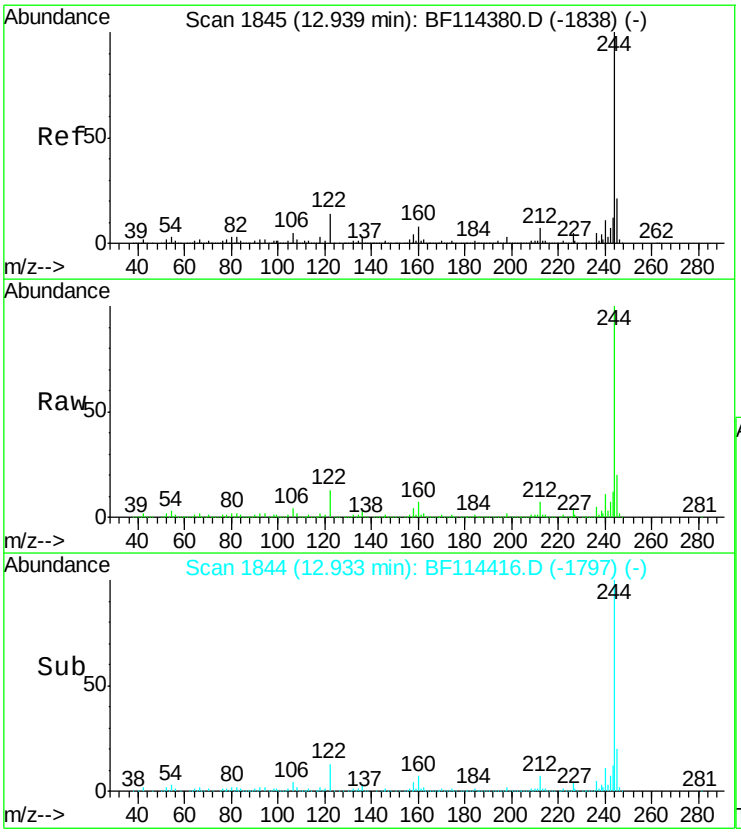
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:240 Resp: 476067

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	25.0	20.8	31.2

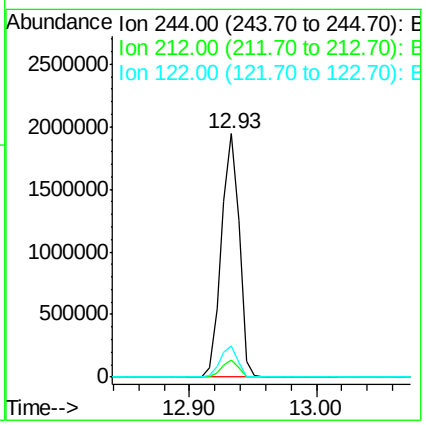


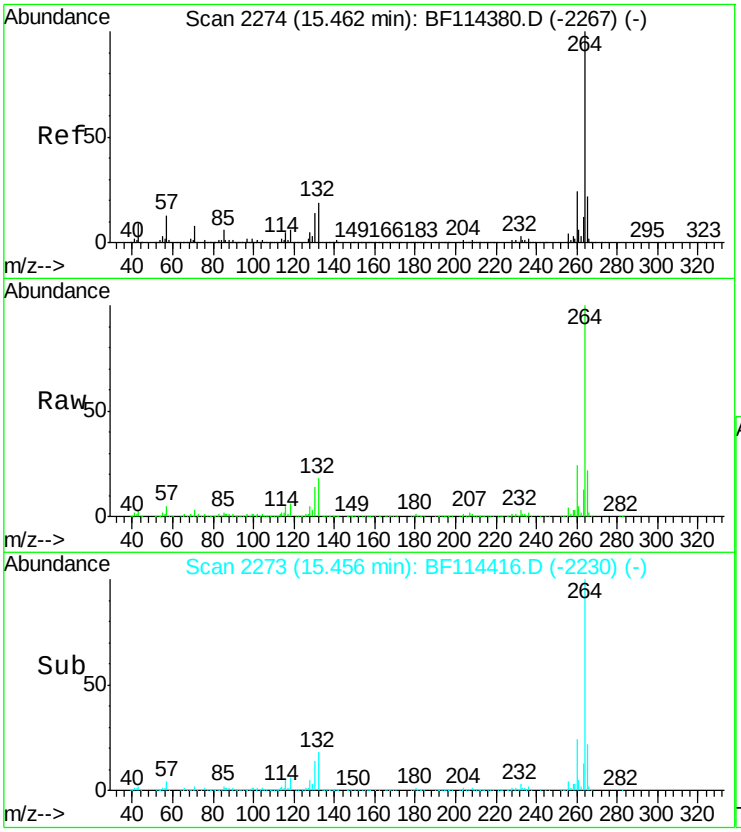


#79
Terphenyl-d14
Concen: 82.608 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:244 Resp: 1907754

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion:264 Resp: 506907

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.5	16.9	25.3