Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090679.D
Acq On : 20 Oct 2016 13:52
Operator : UM/SJ
Sample : H5315-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-END-WEST

Quant Time: Oct 20 17:58:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	242428	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1177280	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	625457	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	954384	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	683104	20.00	ng	-0.01
86) Perylene-d12	15.49	264	462391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1482762	112.13	ng	0.00
7) Phenol-d6	6.52	99	2064906	105.09	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1336372	63.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	474935	85.17	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1963176	51.72	ng	-0.02
78) Terphenyl-d14	13.00	244	2031031	69.23	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.17	42	285	7.21	ng	# 1
49) Dimethylphthalate	9.64	163	585323	14.42	ng	98

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

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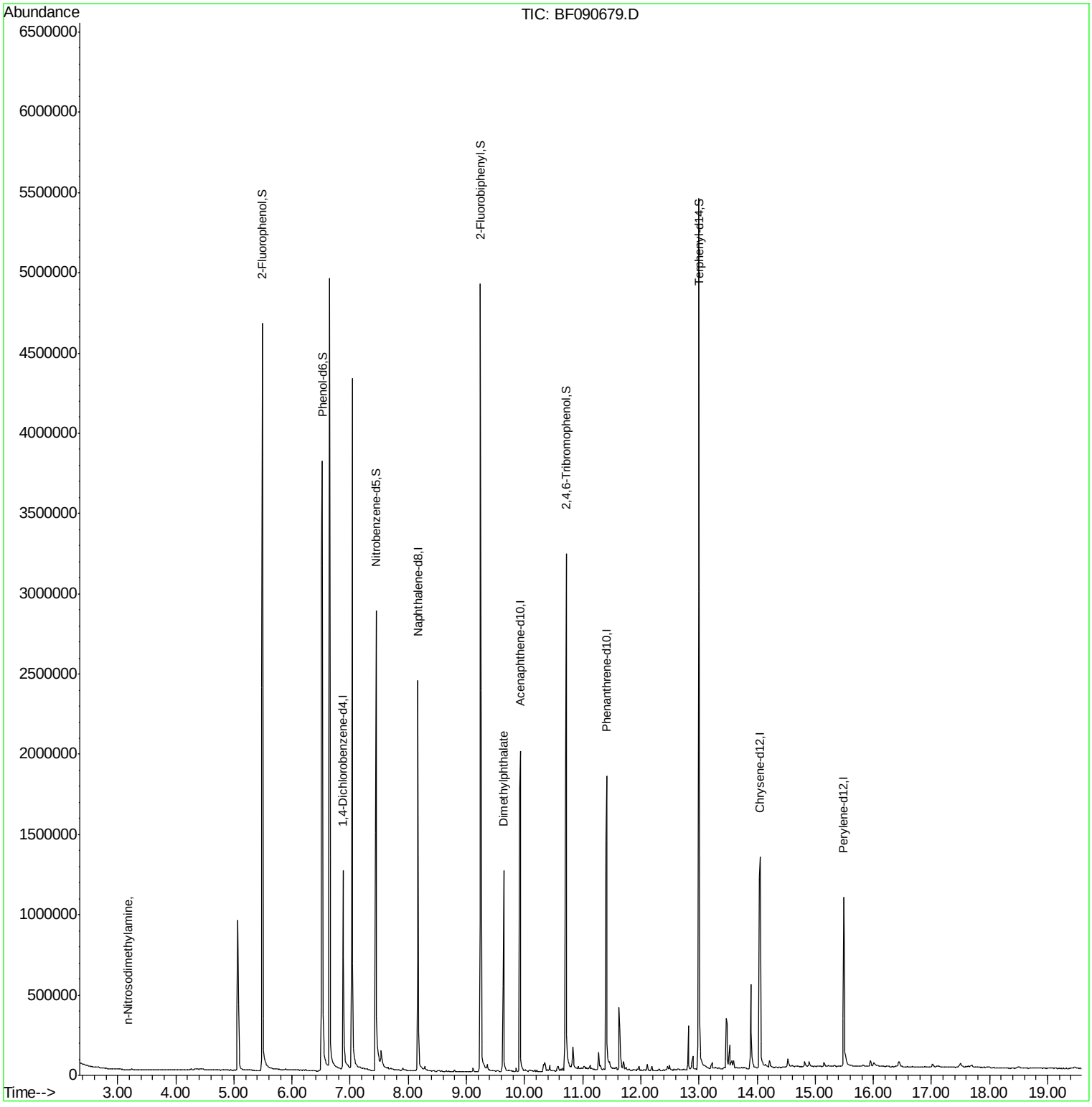
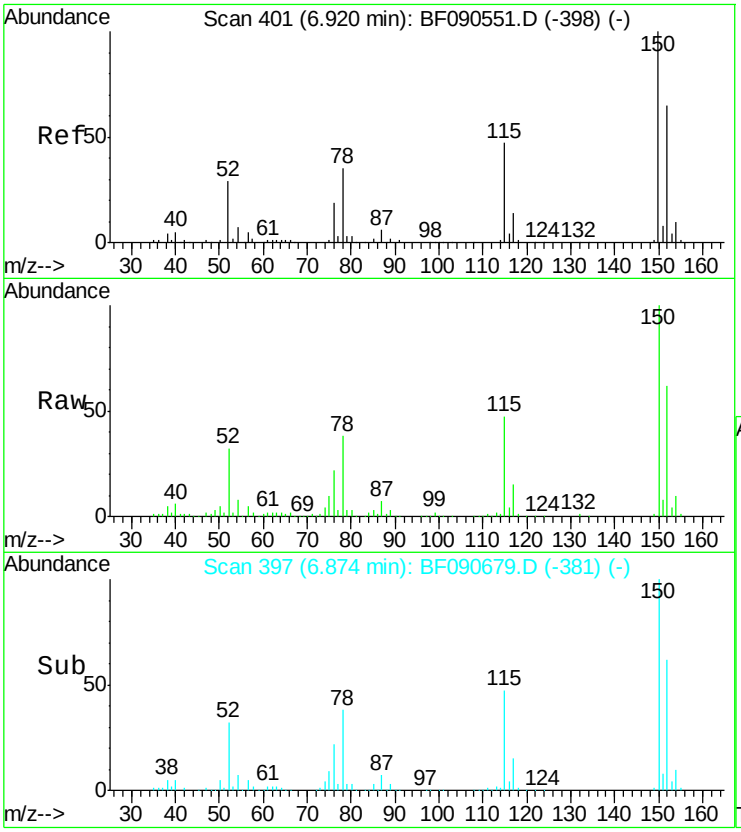


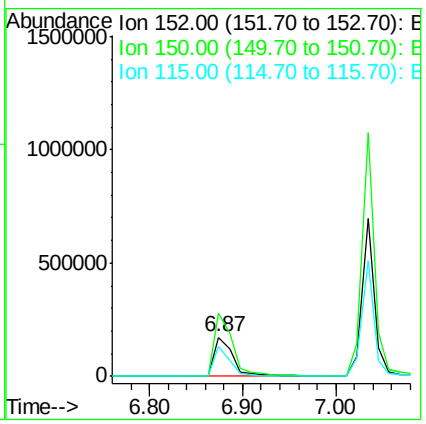


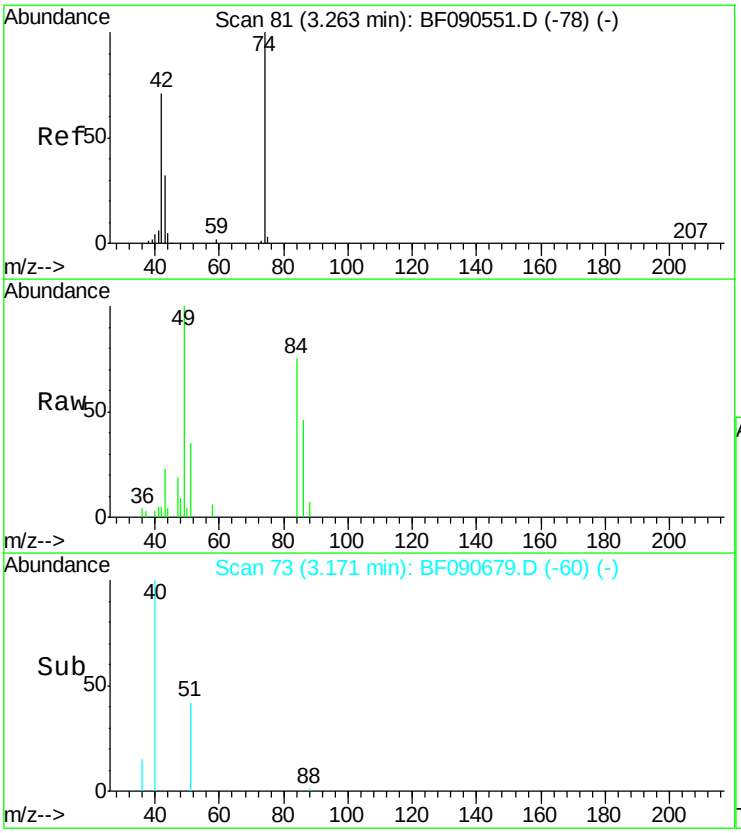
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:152 Resp: 242428

Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.2	190.8
115	76.3	58.6	88.0

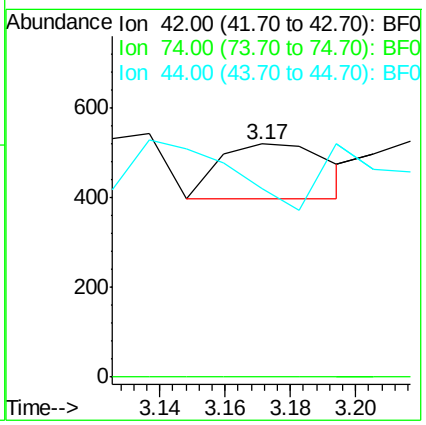


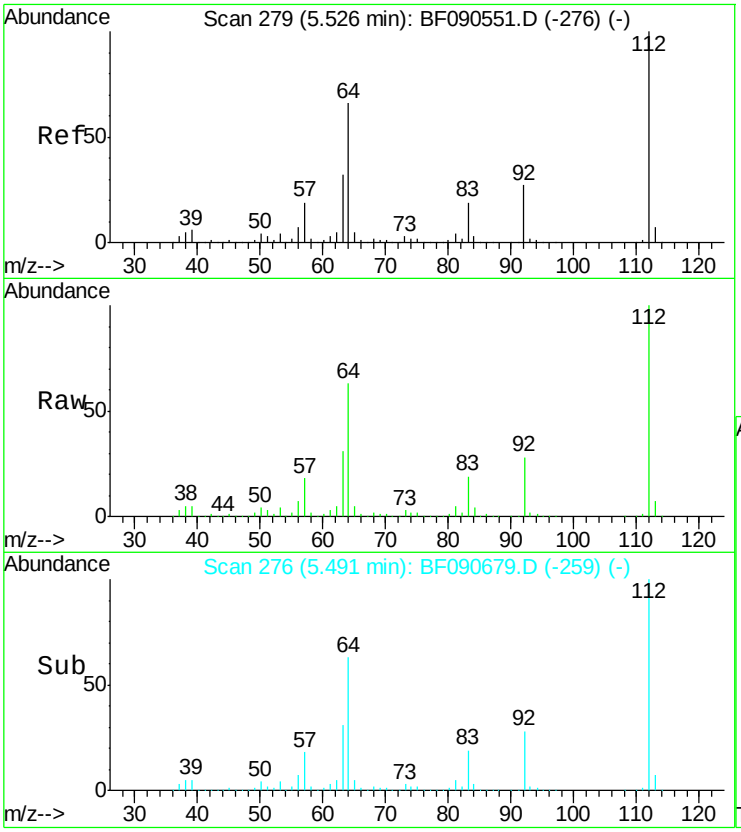


#4
n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.17 min Scan# 73
Delta R.T. -0.05 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion: 42 Resp: 285

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.3	169.9#
44	81.1	6.0	9.0#



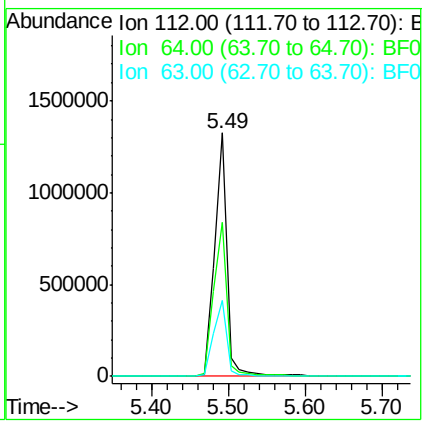


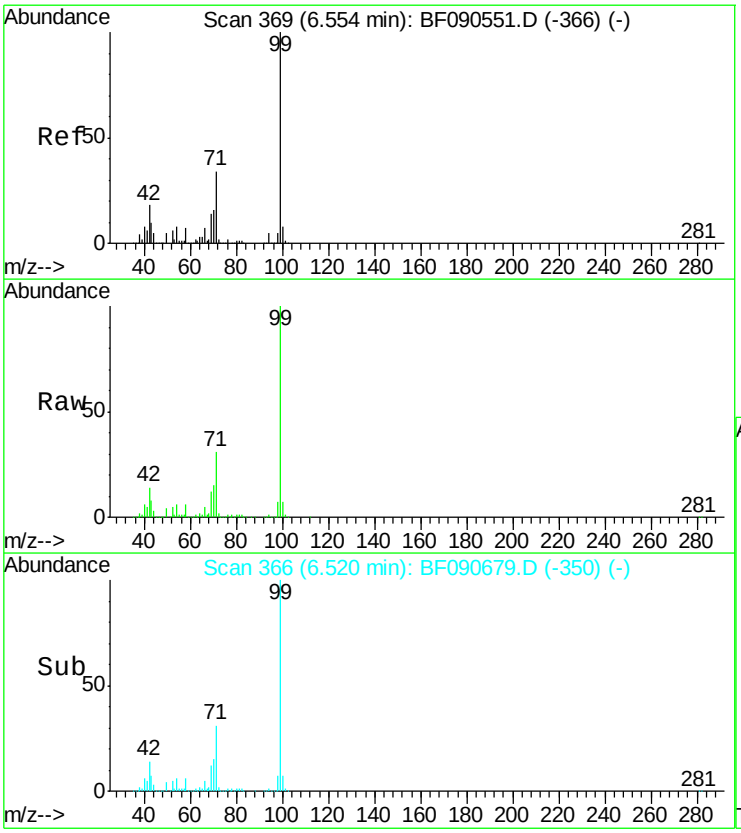
#5
2-Fluorophenol
Concen: 112.13 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:112 Resp: 1482762

Ion	Ratio	Lower	Upper
112	100		
64	63.5	52.6	78.8
63	31.4	26.0	39.0

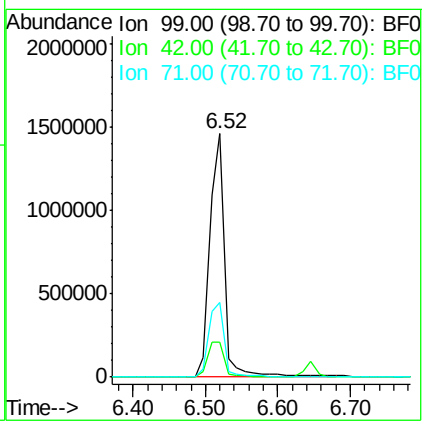


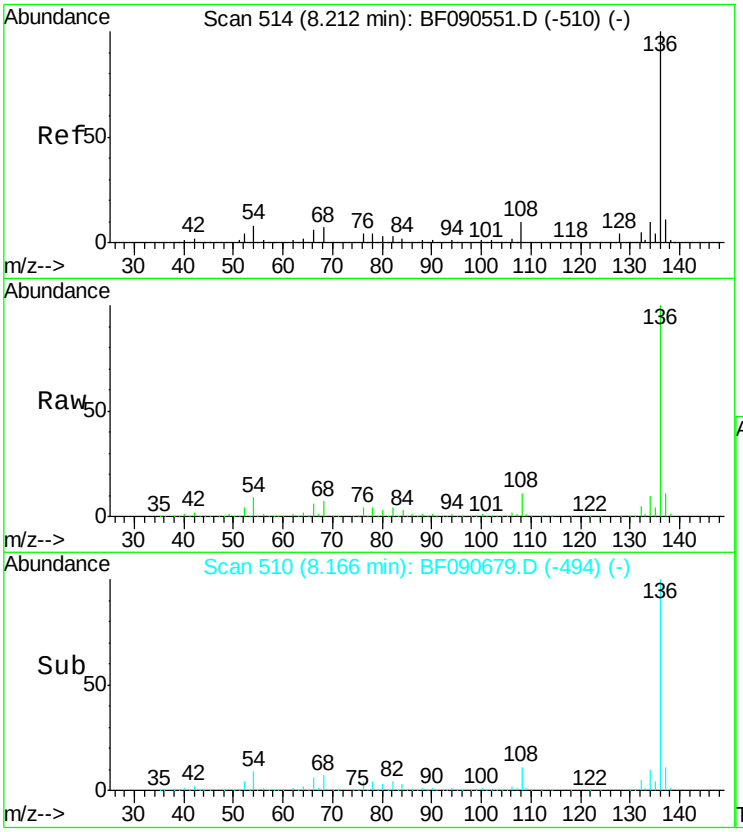


#7
Phenol-d6
Concen: 105.09 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion: 99 Resp: 2064906

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.7	22.1#
71	30.9	27.6	41.4



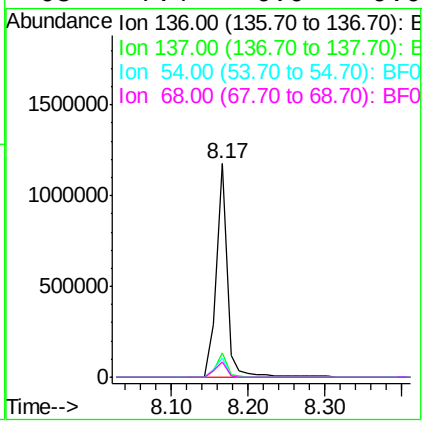


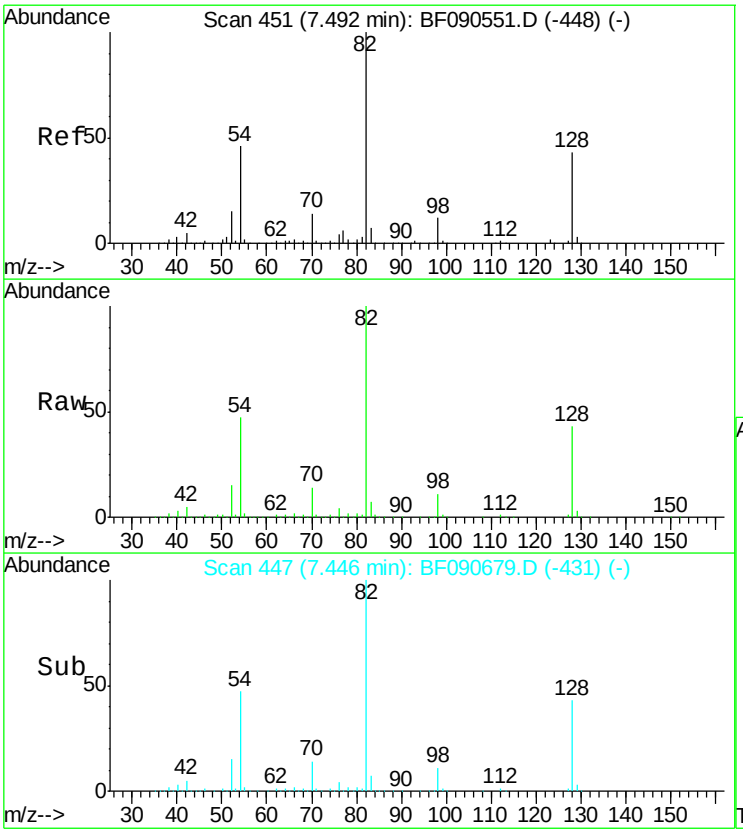
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:136 Resp: 1177280

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	6.8	10.2
68	7.4	6.0	9.0

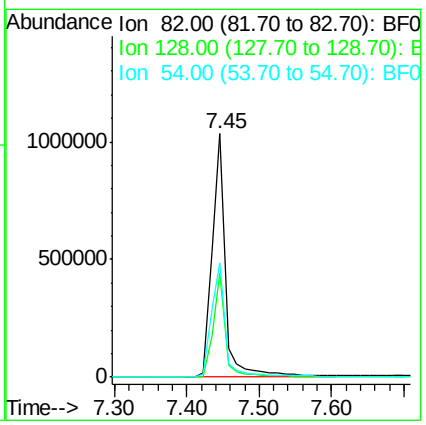


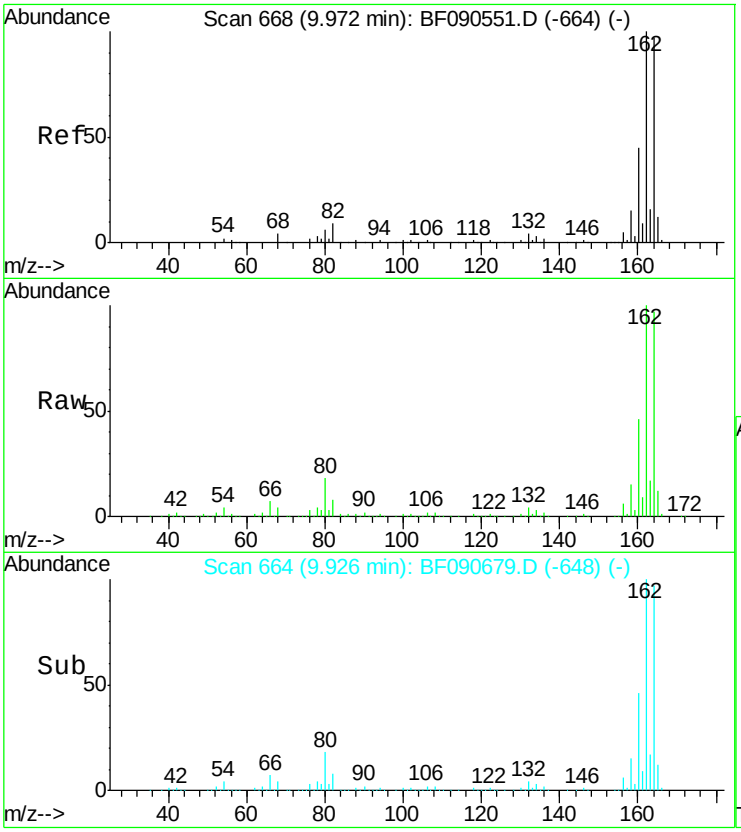


#23
Nitrobenzene-d5
Concen: 63.06 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion: 82 Resp: 1336372

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.3	51.5
54	46.8	37.0	55.6



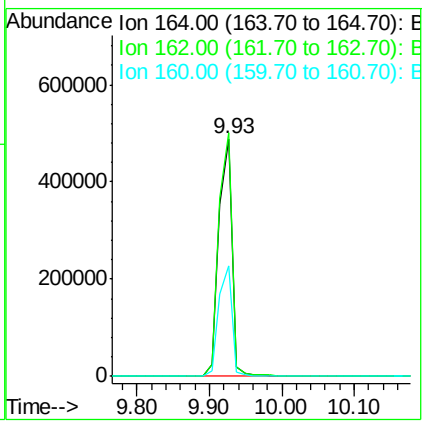


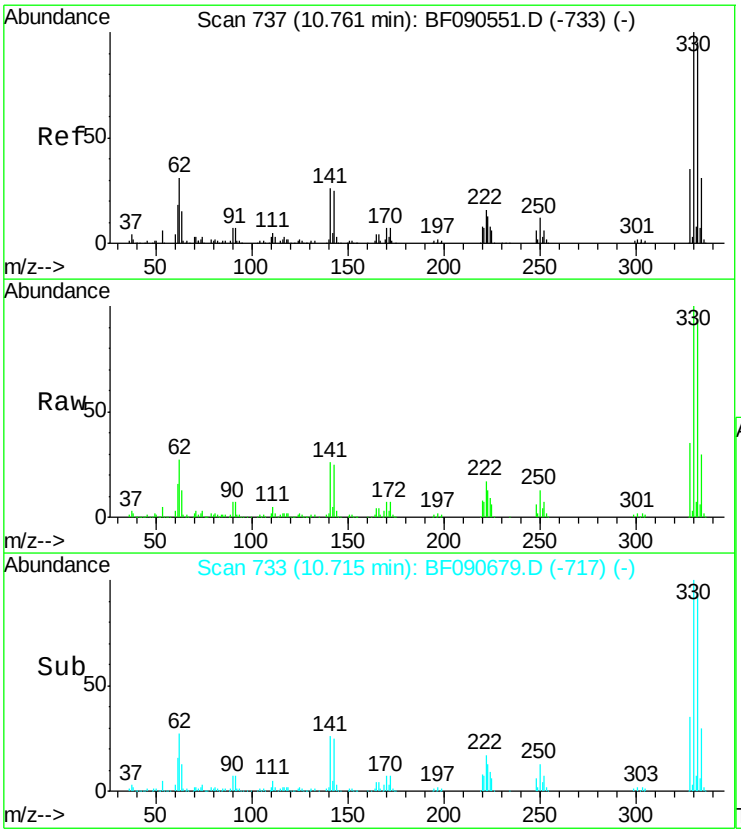
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:164 Resp: 625457

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.4
160	46.8	36.6	55.0

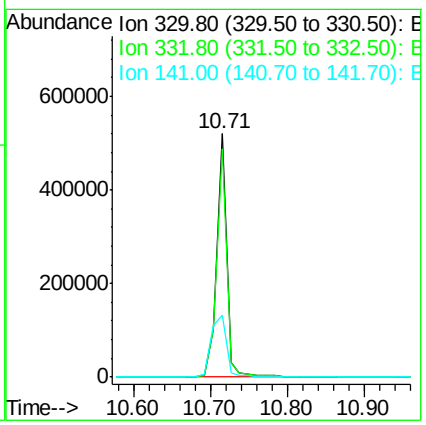


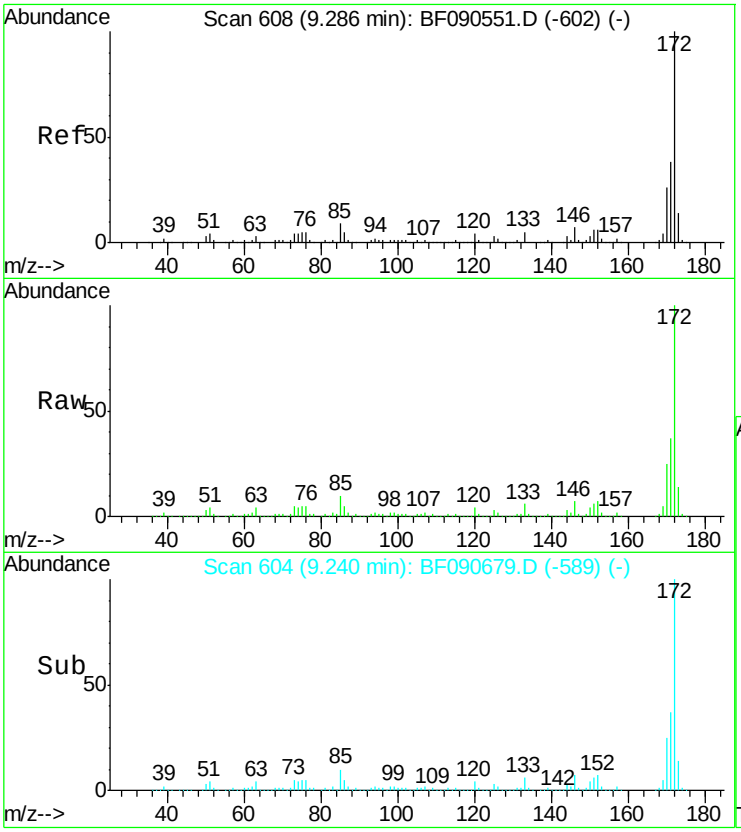


#41
2,4,6-Tribromophenol
Concen: 85.17 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion:330 Resp: 474935

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.2
141	40.0	31.4	47.2



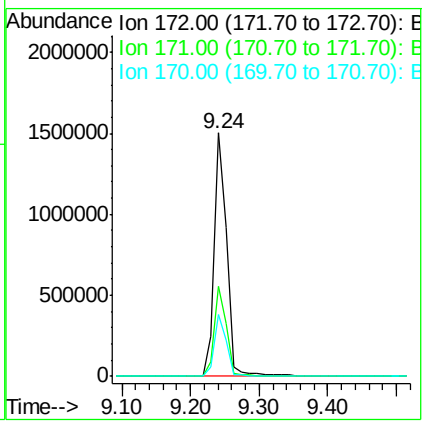


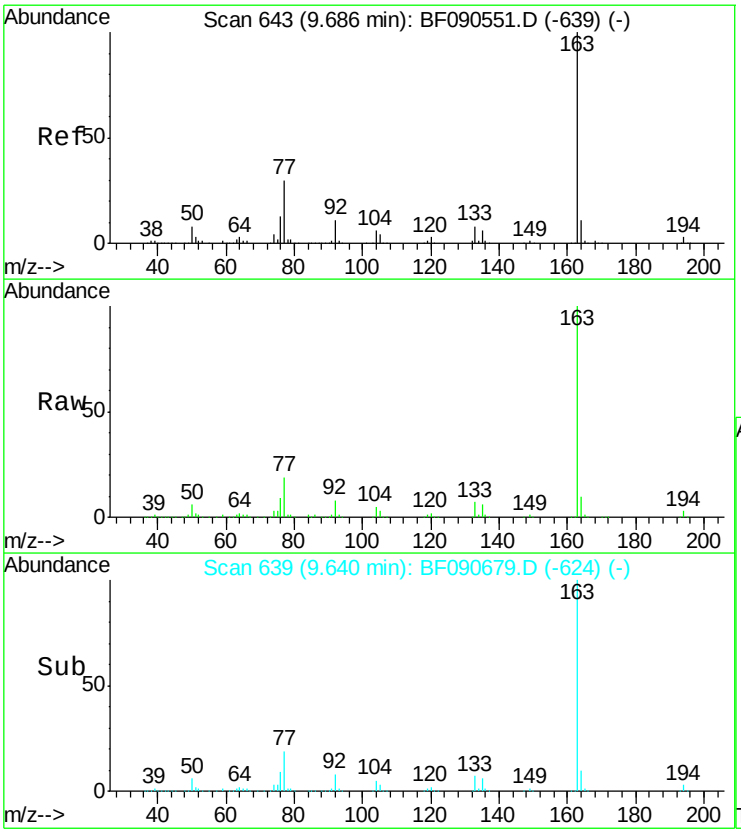
#44
2-Fluorobiphenyl
Concen: 51.72 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:172 Resp: 1963176

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	25.2	20.6	30.8

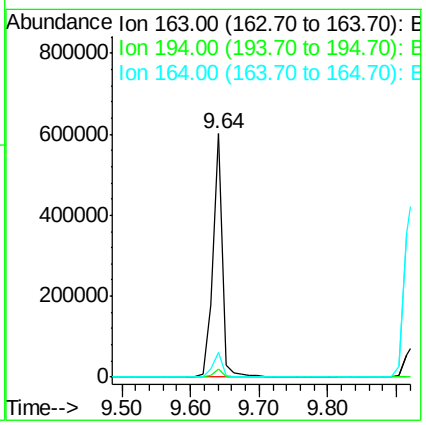


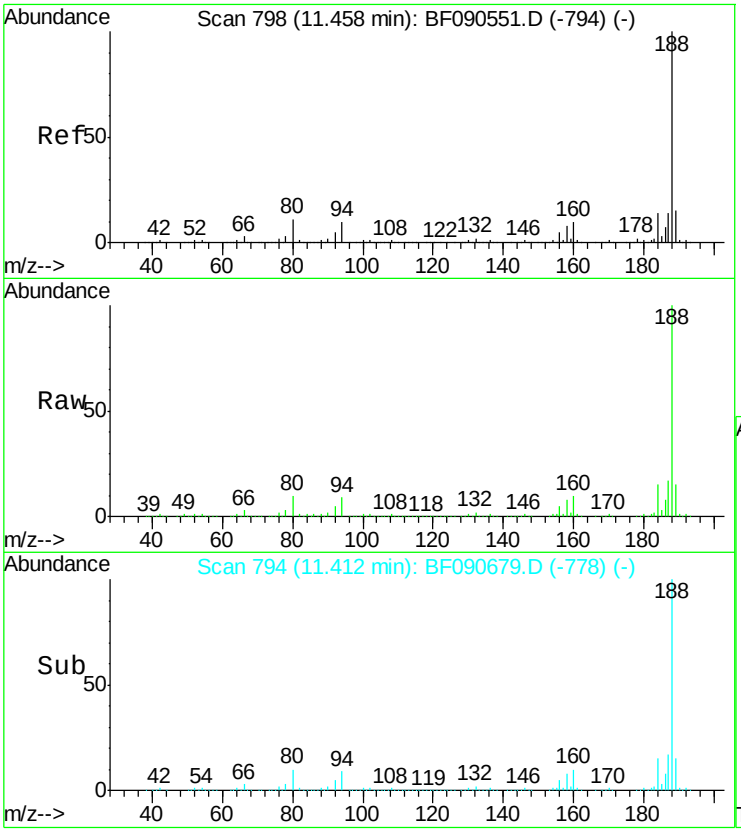


#49
Dimethylphthalate
Concen: 14.42 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion:163 Resp: 585323

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.3	3.5
164	10.1	8.6	13.0



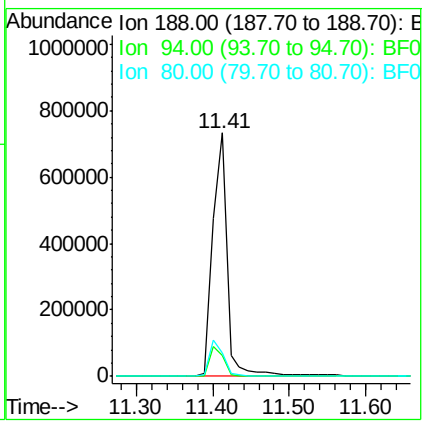


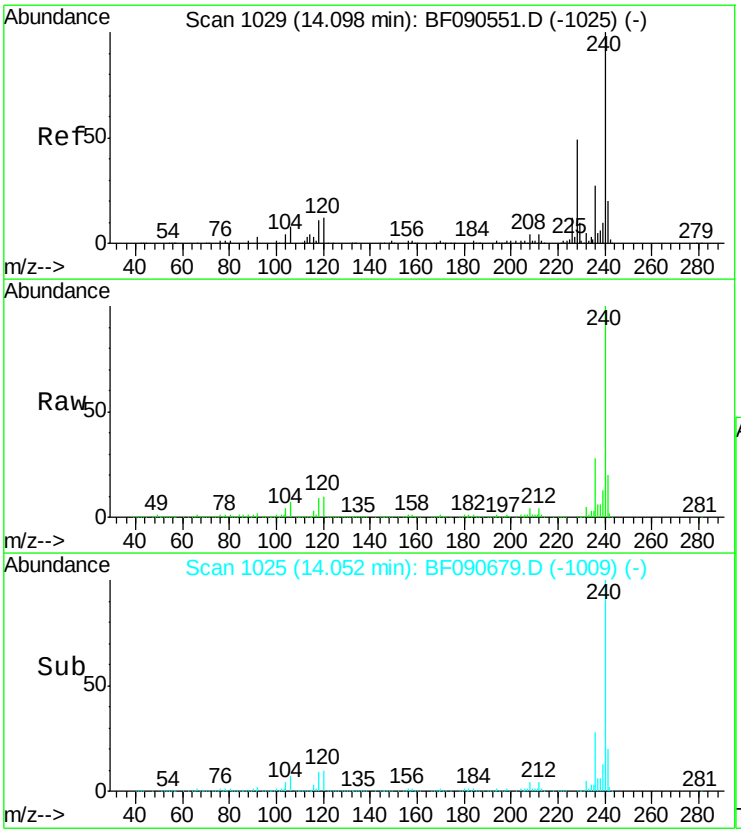
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:188 Resp: 954384

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.7	11.5
80	9.7	8.6	12.8

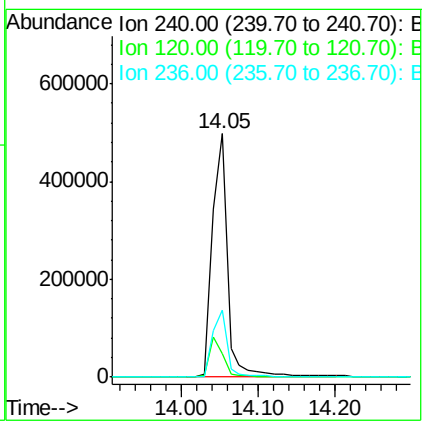


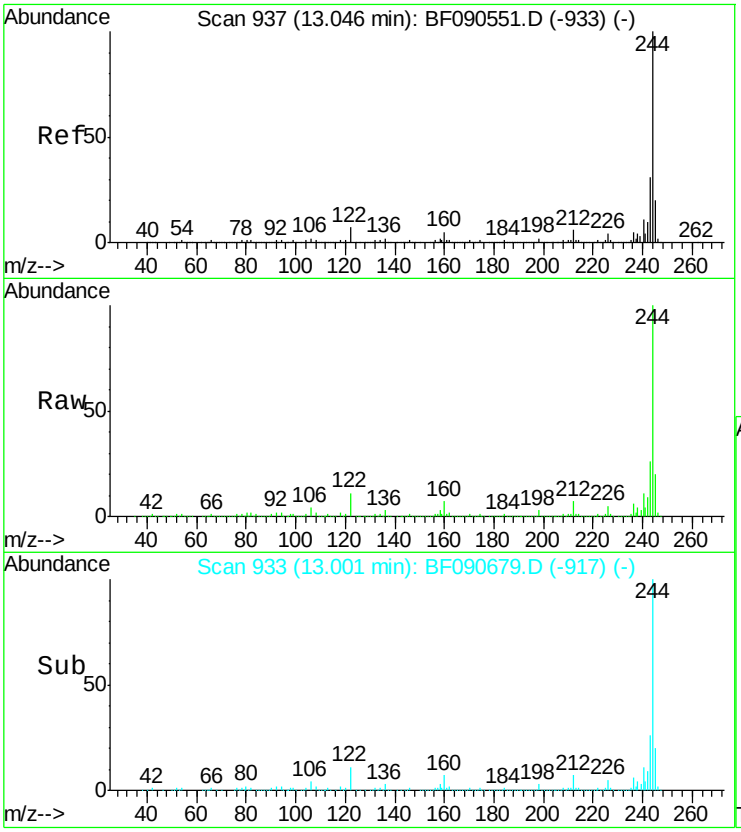


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion:240 Resp: 683104

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.8	14.8#
236	27.5	21.7	32.5



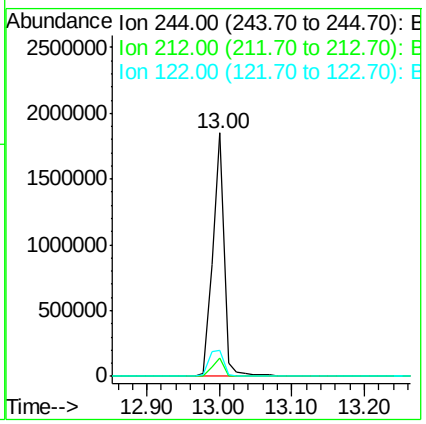


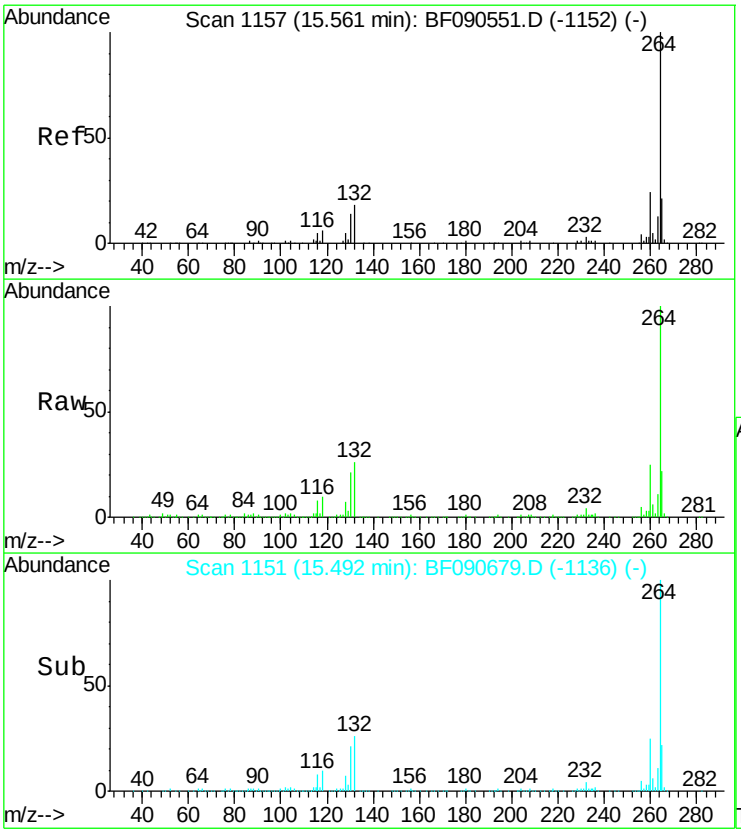
#78
Terphenyl-d14
Concen: 69.23 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:244 Resp: 2031031

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.0	7.4
122	10.7	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion:264 Resp: 462391

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.7	16.7	25.1