Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096607.D
Acq On : 10 Jul 2017 18:07
Operator : SJ/JU
Sample : I4101-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-16

Quant Time: Jul 11 03:29:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111044	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	462221	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	205279	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	349011	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	257615	20.00	ng	-0.03
86) Perylene-d12	15.22	264	192407	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	696766	92.61	ng	-0.01
7) Phenol-d6	6.32	99	858103	92.78	ng	-0.02
23) Nitrobenzene-d5	7.24	82	512930	66.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	167156	104.25	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	893792	74.44	ng	-0.02
78) Terphenyl-d14	12.78	244	705770	58.54	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	21341	2.03	ng	92
49) Dimethylphthalate	9.43	163	118633	7.74	ng	99

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

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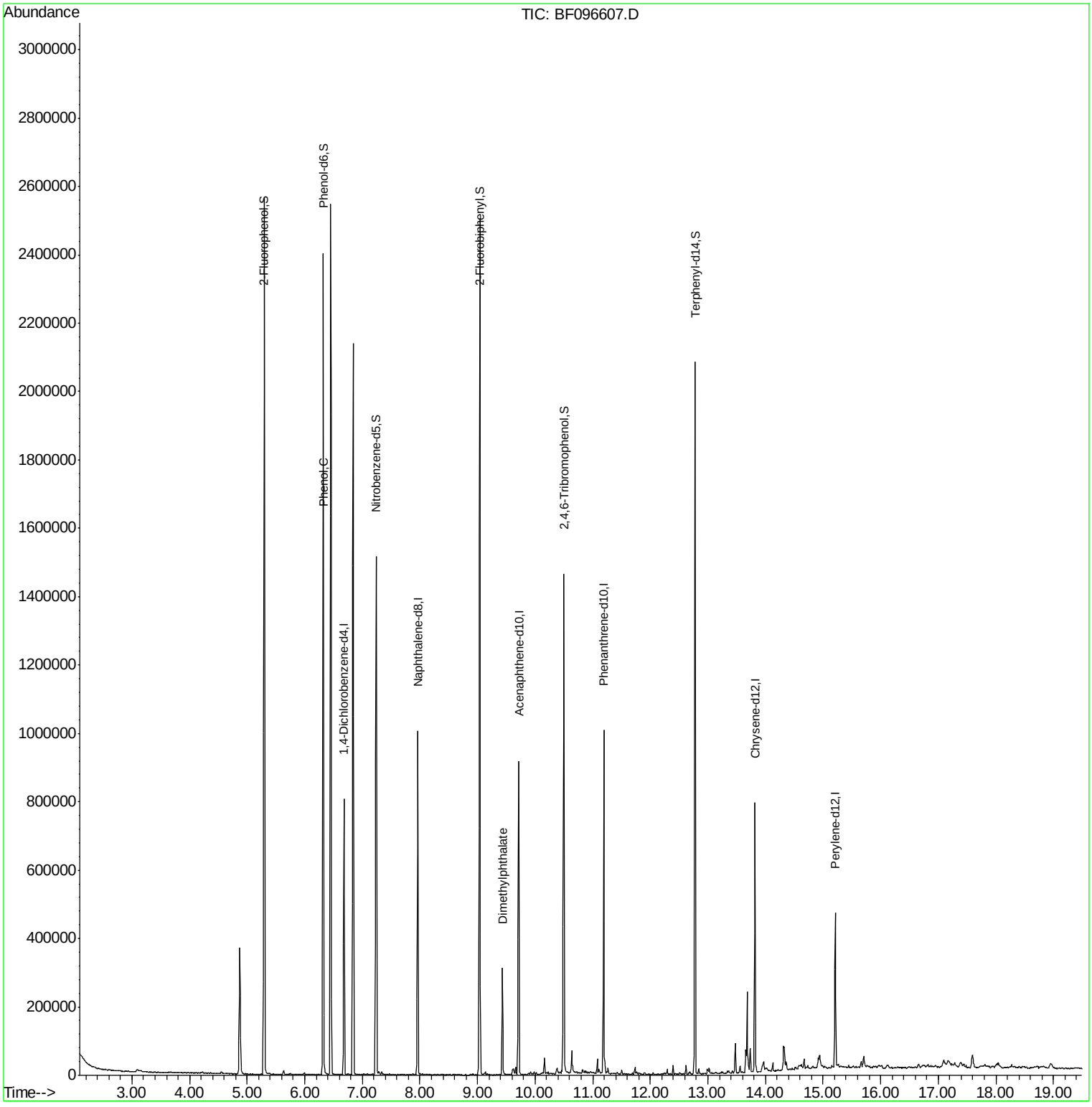
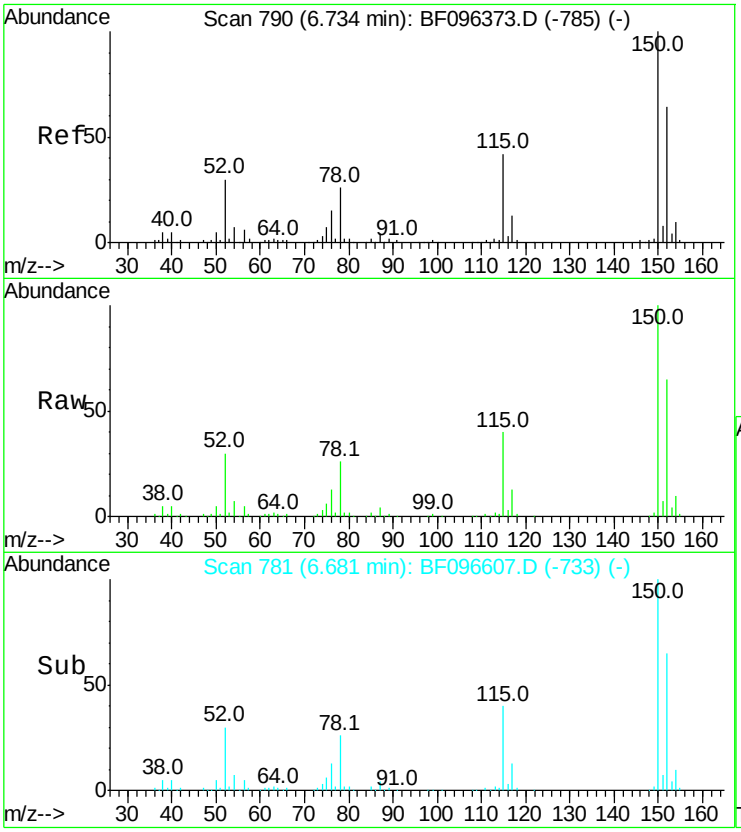


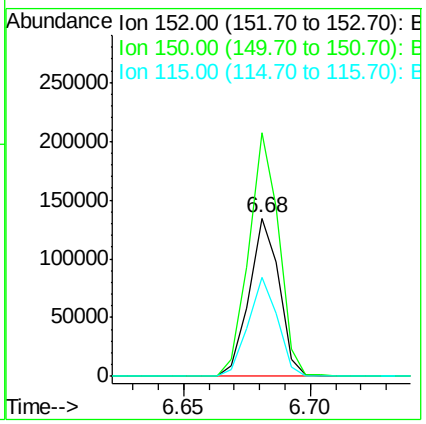


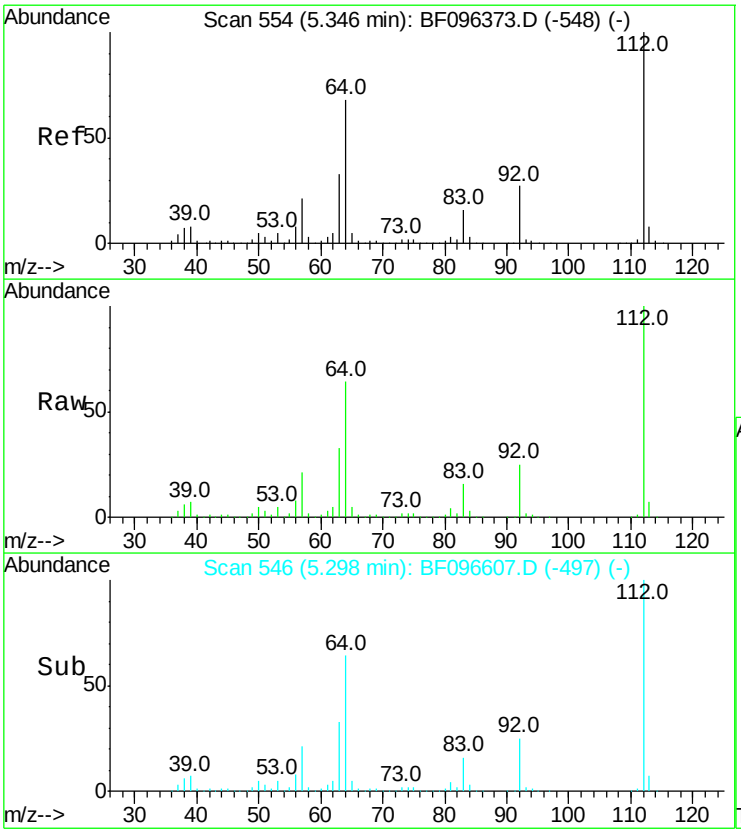
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:152 Resp: 111044

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	62.1	52.2	78.2

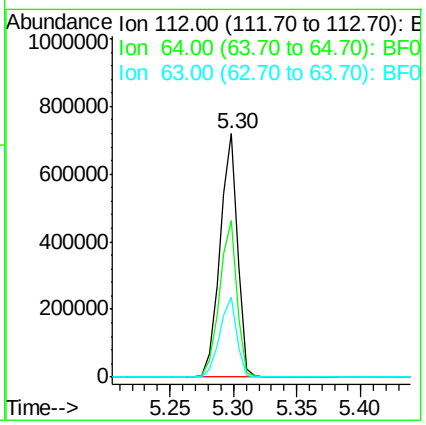


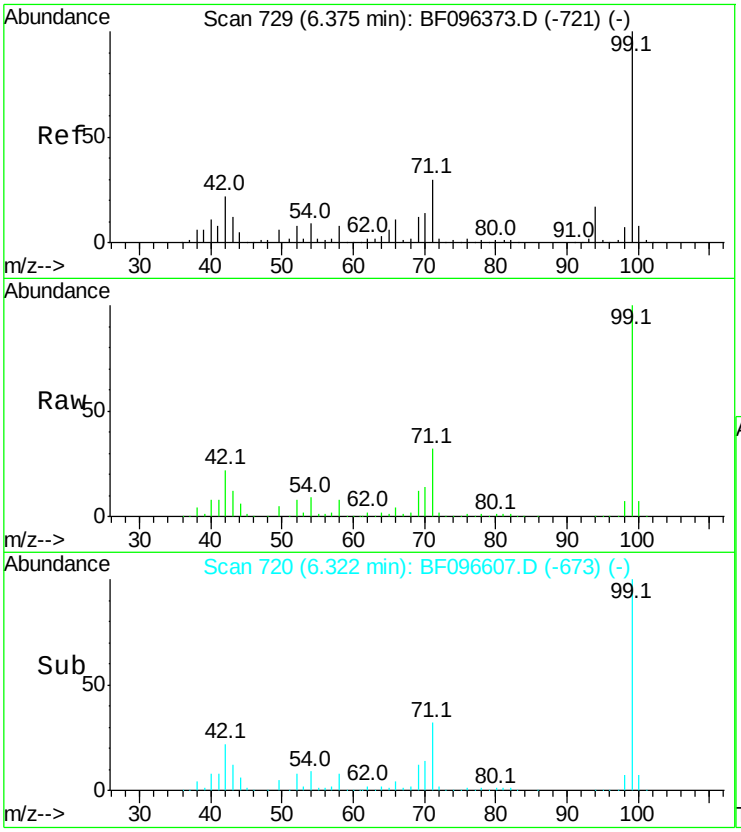


#5
2-Fluorophenol
Concen: 92.61 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion:112 Resp: 696766

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	32.8	23.4	35.0



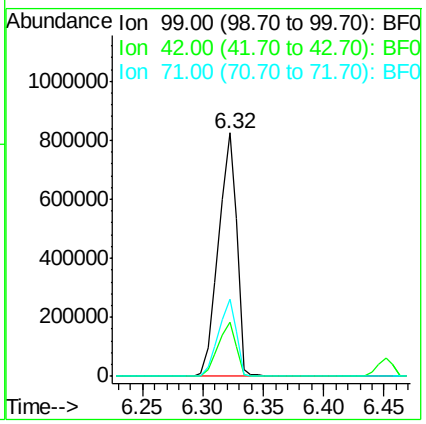


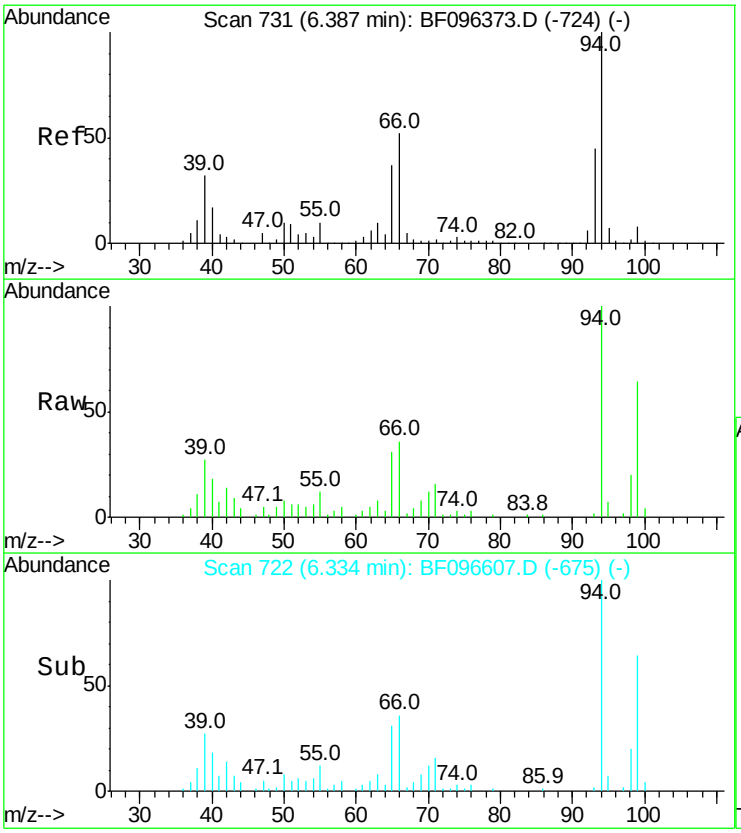
#7
Phenol-d6
Concen: 92.78 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion: 99 Resp: 858103

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.5	24.5	36.7

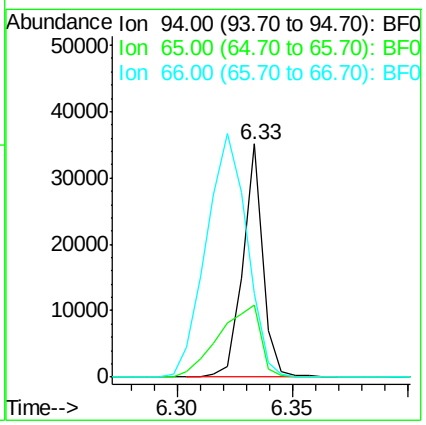


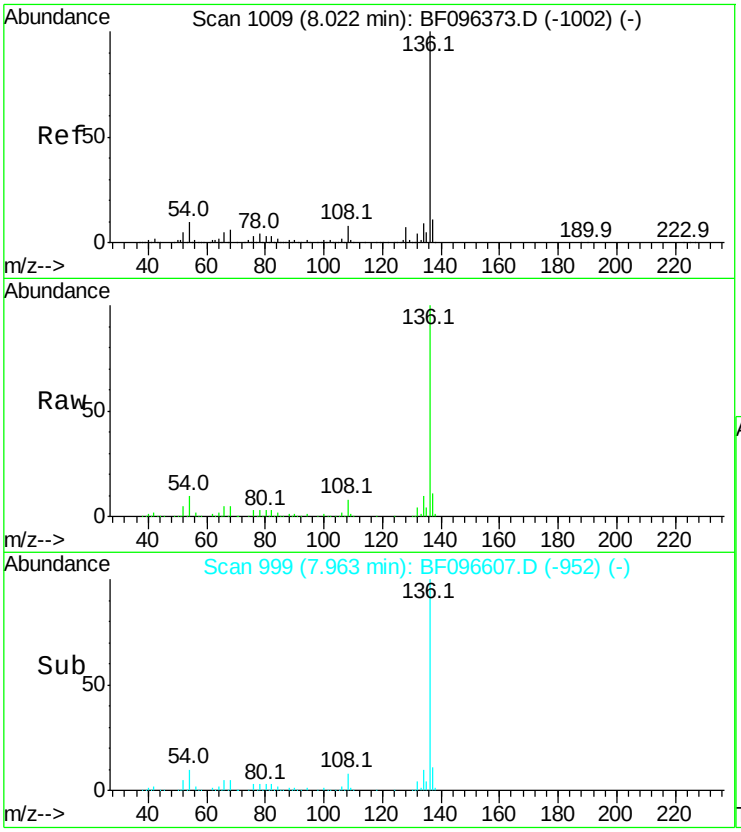


#10
Phenol
Concen: 2.03 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion: 94 Resp: 21341

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	35.7	23.1	63.1



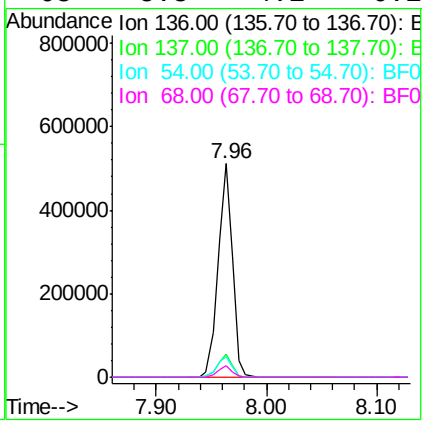


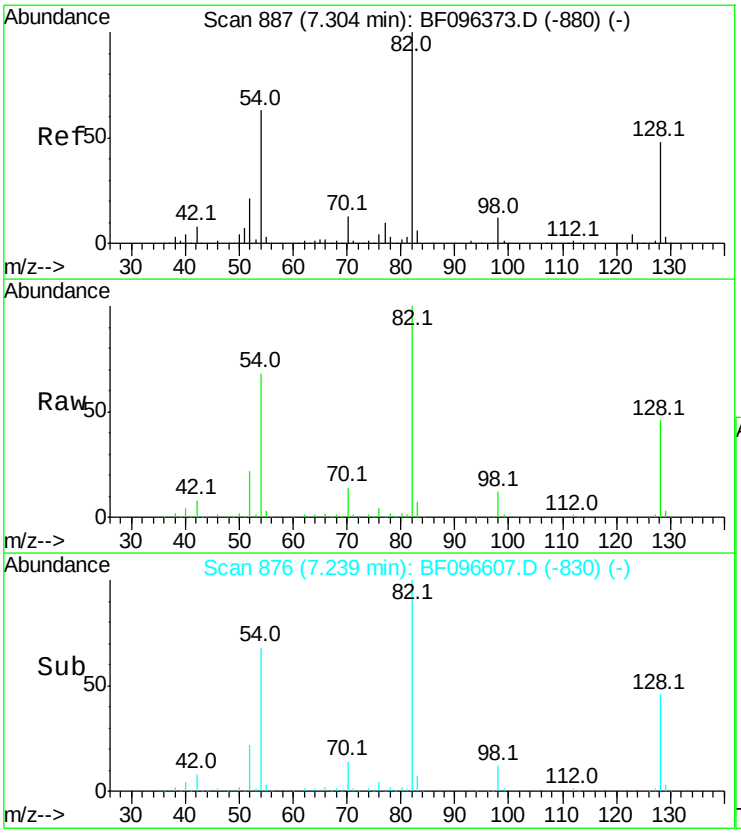
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:136 Resp: 462221

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.9	4.9	7.3#
68	5.3	4.1	6.1

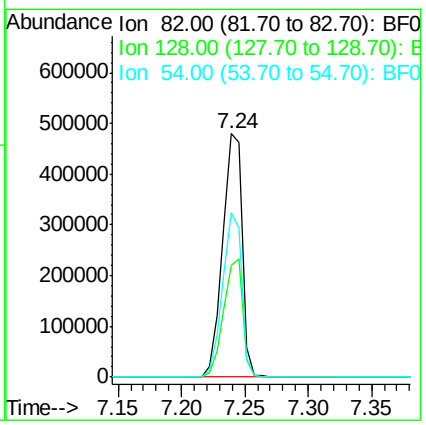


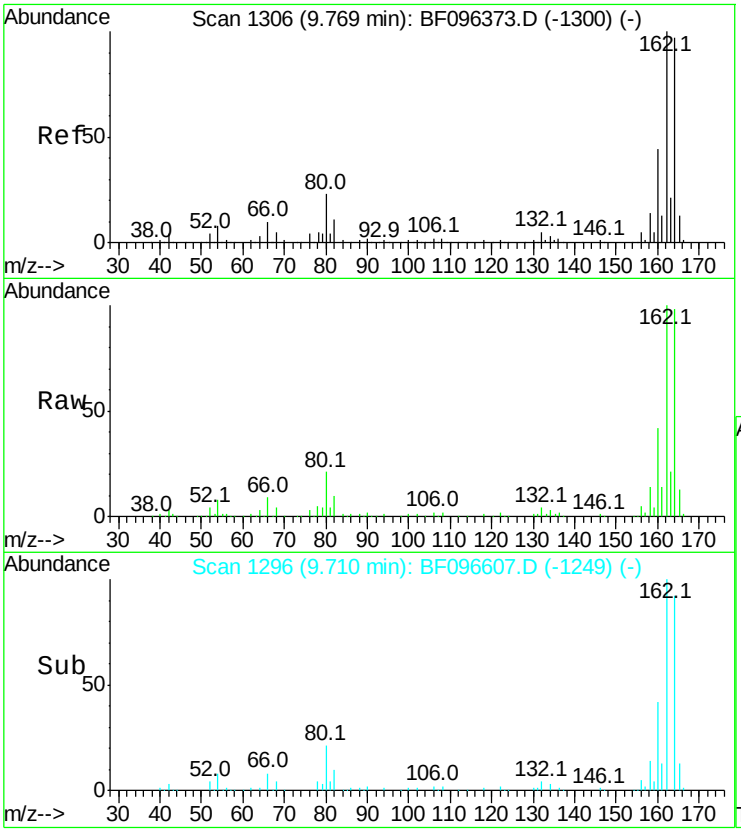


#23
Nitrobenzene-d5
Concen: 66.68 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion: 82 Resp: 512930

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	67.5	42.2	63.2#



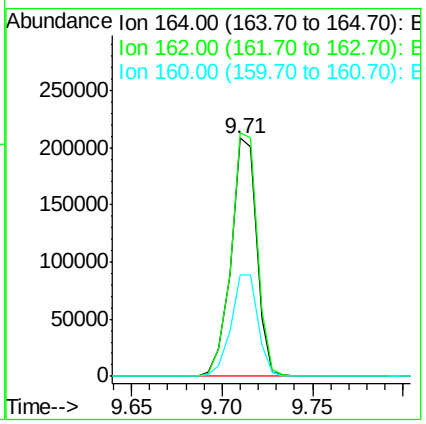


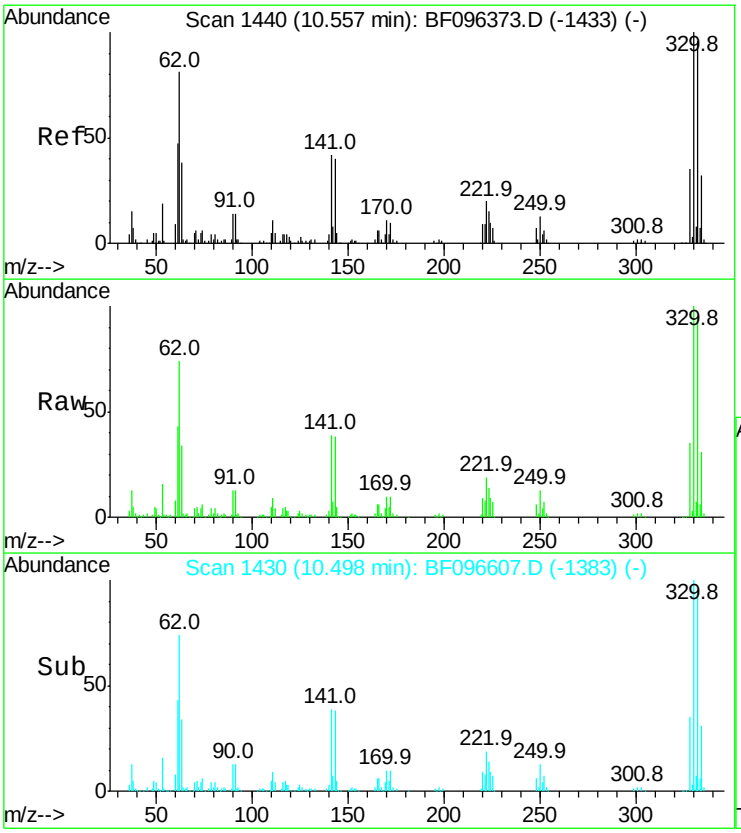
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:164 Resp: 205279

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	42.8	36.2	54.2

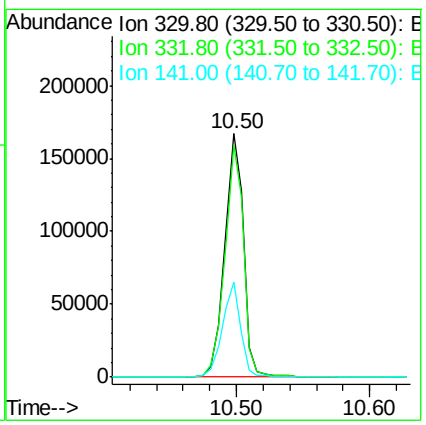


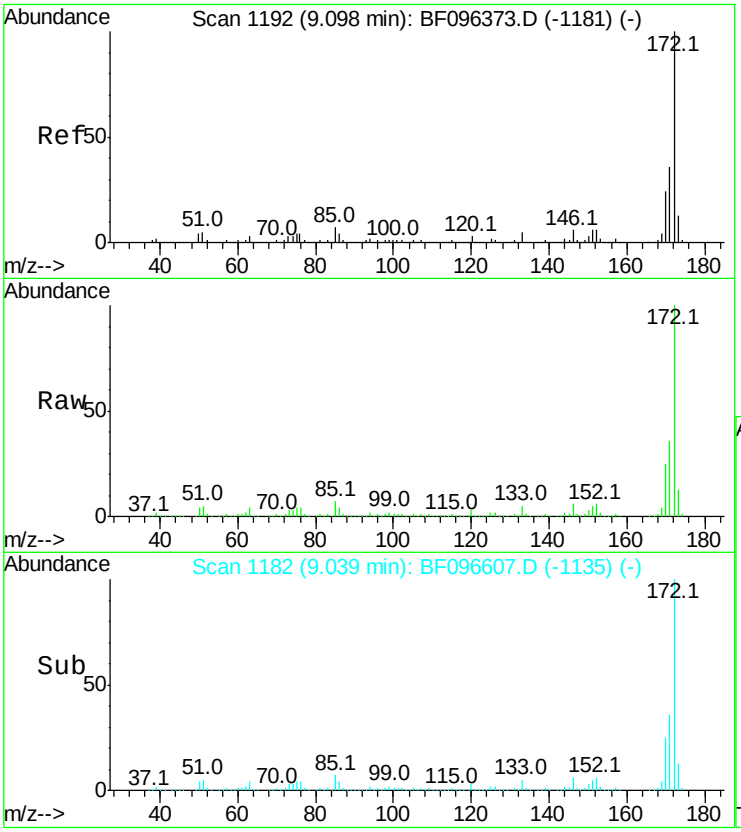


#41
2,4,6-Tribromophenol
Concen: 104.25 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion:330 Resp: 167156

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	37.7	31.4	47.2



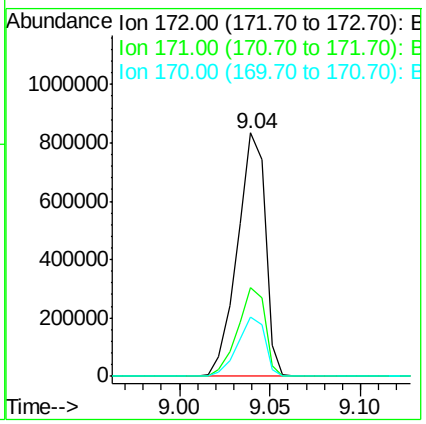


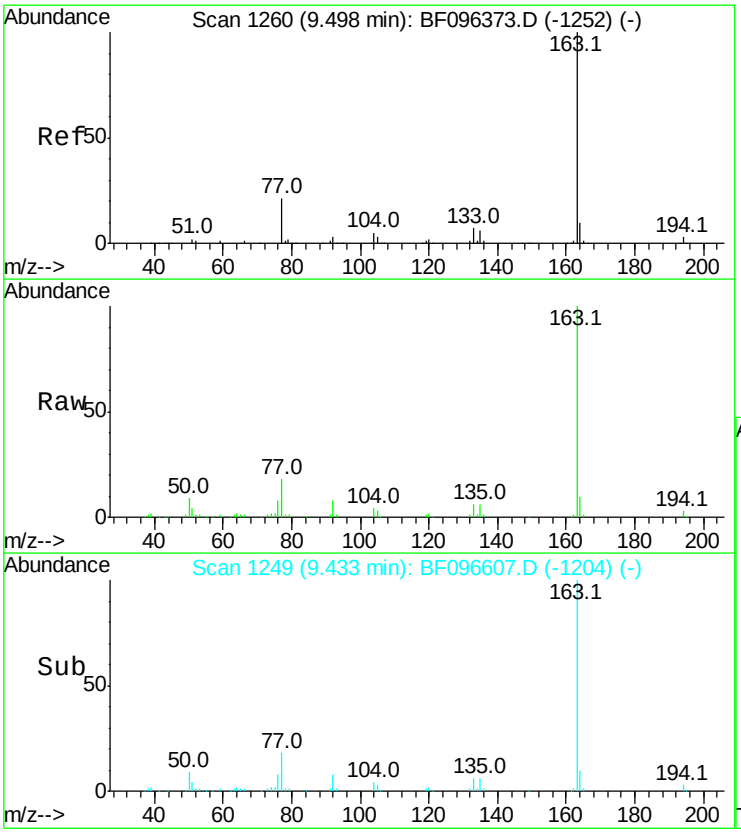
#44
2-Fluorobiphenyl
Concen: 74.44 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:172 Resp: 893792

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.6	19.8	29.8

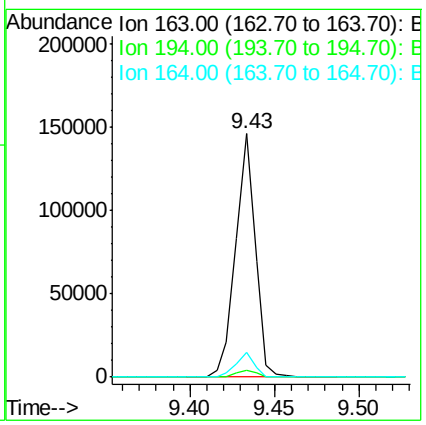


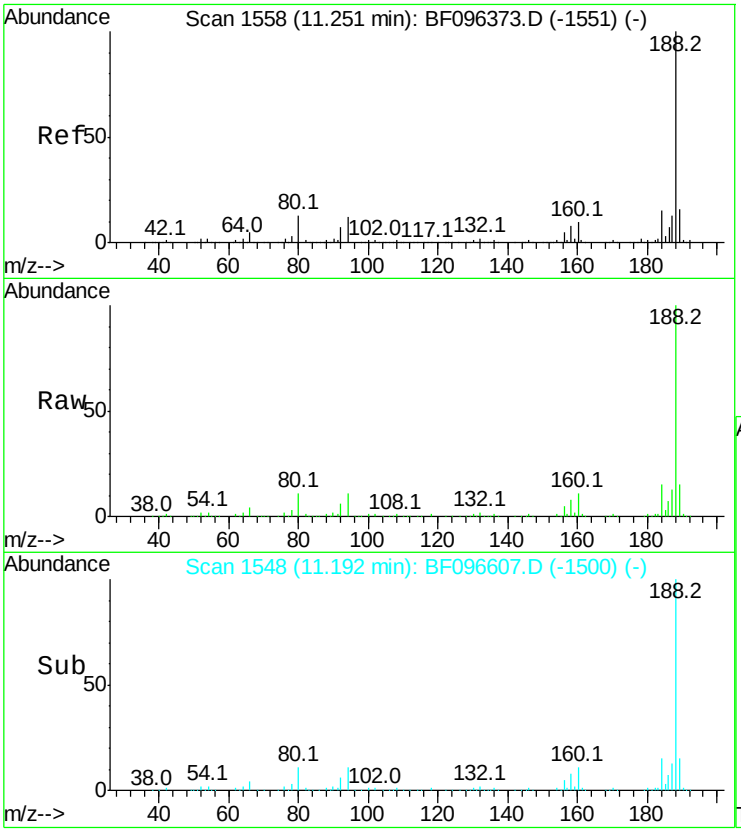


#49
Dimethylphthalate
Concen: 7.74 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion:163 Resp: 118633

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6



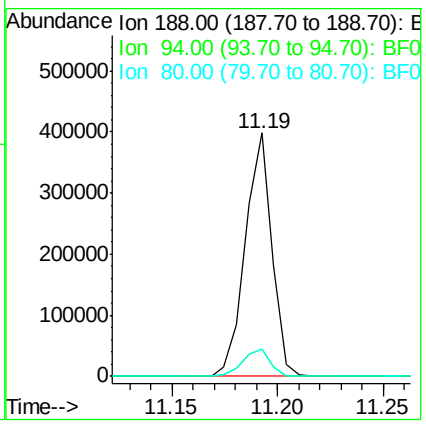


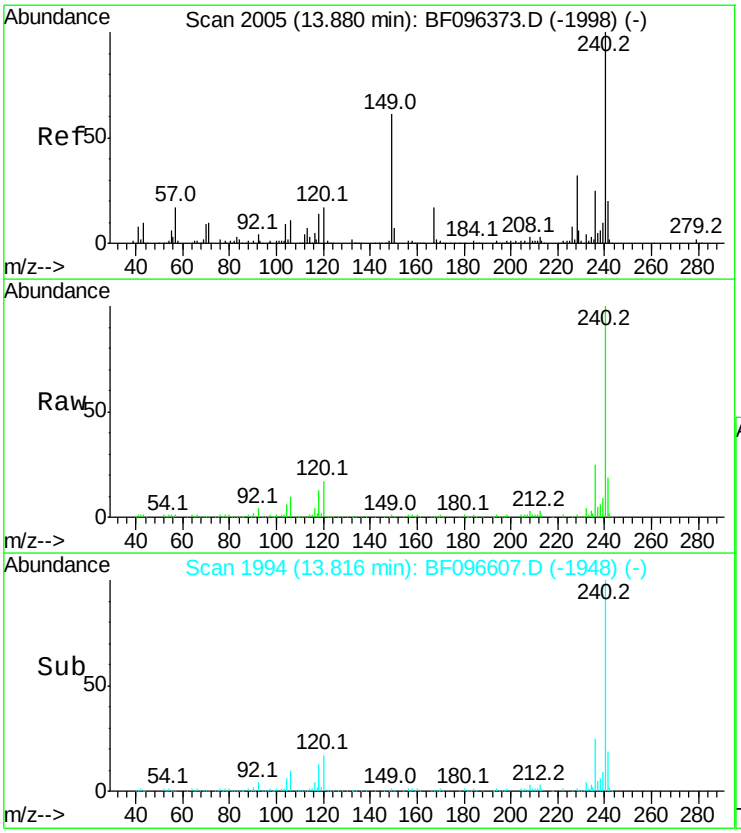
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:188 Resp: 349011

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.3	10.2	15.2

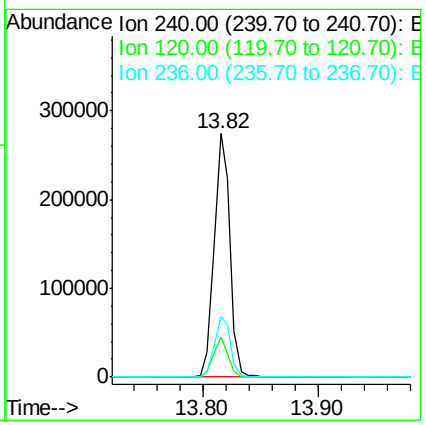


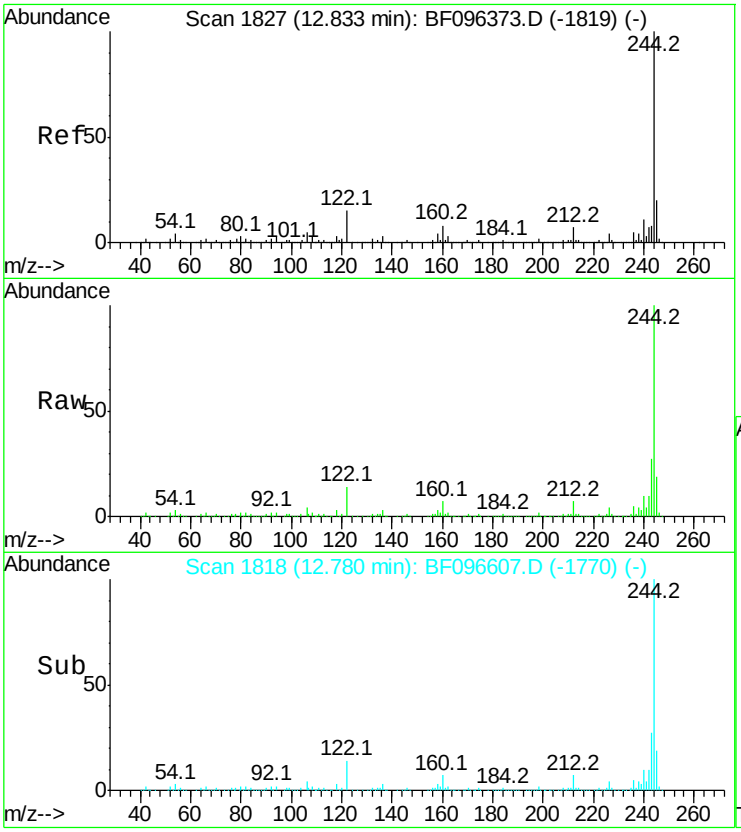


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion:240 Resp: 257615

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	24.9	20.5	30.7



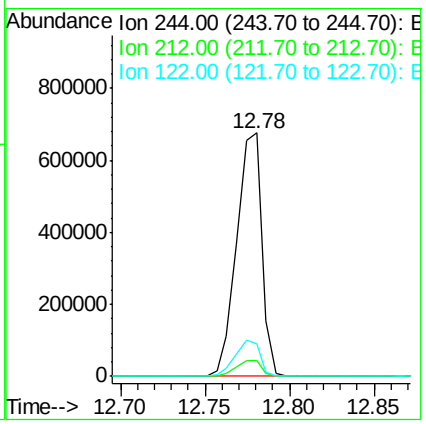


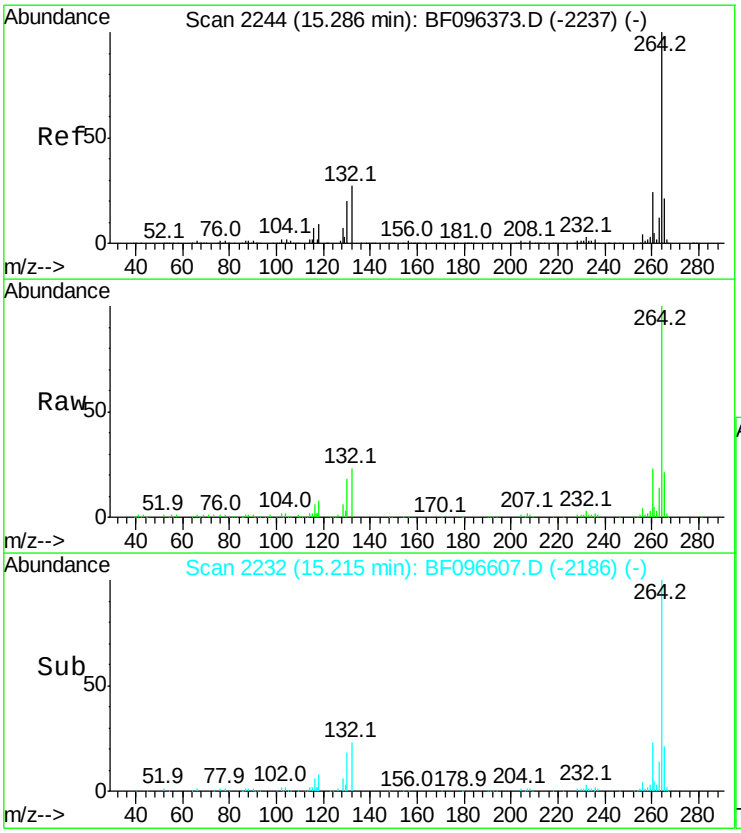
#78
Terphenyl-d14
Concen: 58.54 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EP-16

Tgt Ion:244 Resp: 705770

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096607.D
Acq: 10 Jul 2017 18:07

Tgt Ion:264 Resp: 192407

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.2	25.8