Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085507.D
Acq On : 17 Mar 2016 22:44
Operator : UM/SJ
Sample : H1790-04RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-8B-(10-20)RE

Quant Time: Mar 18 06:58:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	74473	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	311123	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	128816	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	256652	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	159964	20.00	ng	-0.05
86) Perylene-d12	15.47	264	136209	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	885297	204.34	ng	-0.03
7) Phenol-d6	6.50	99	1126005	200.36	ng	-0.05
23) Nitrobenzene-d5	7.44	82	820336	155.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	408800	344.55	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1465324	197.34	ng	-0.05
78) Terphenyl-d14	12.99	244	1386226	196.04	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	385430	41.01	ng	99

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

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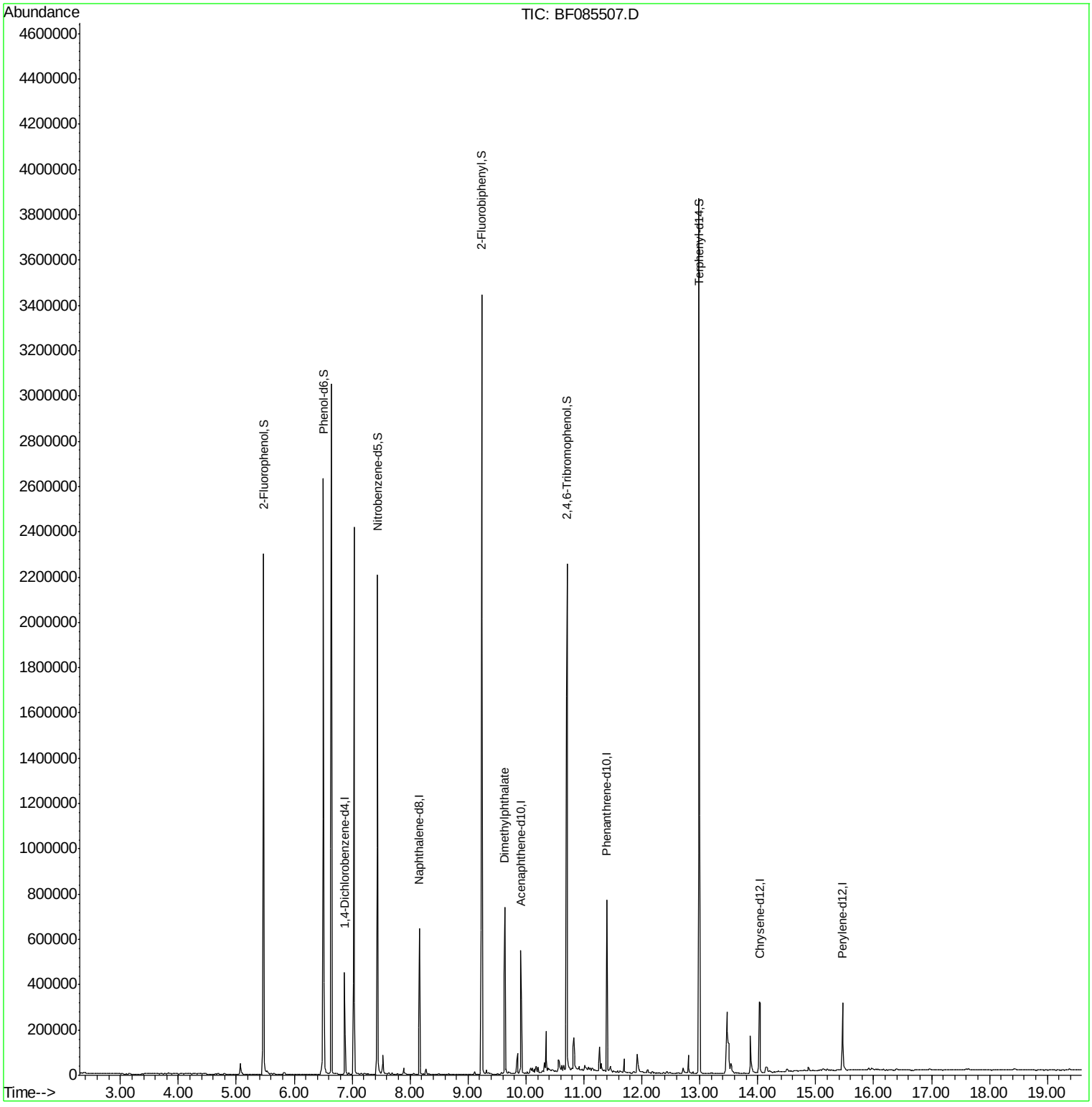
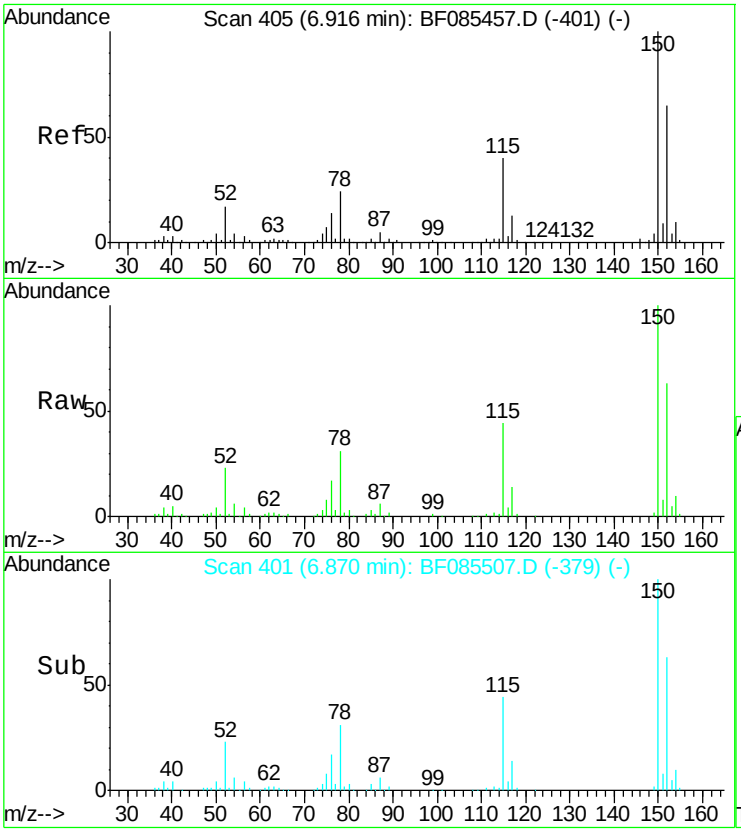


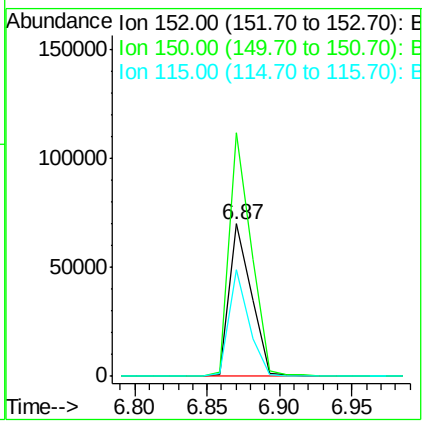


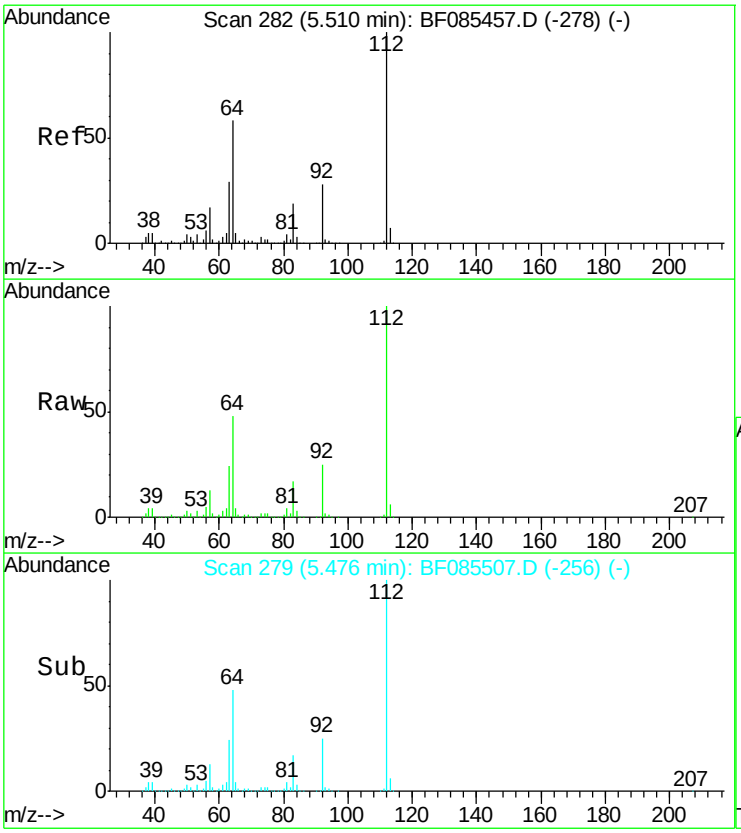
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:152 Resp: 74473

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	70.4	46.6	70.0#

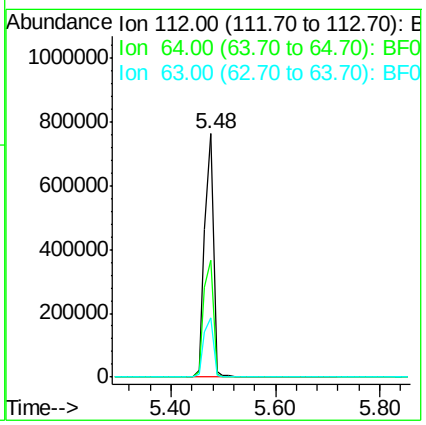


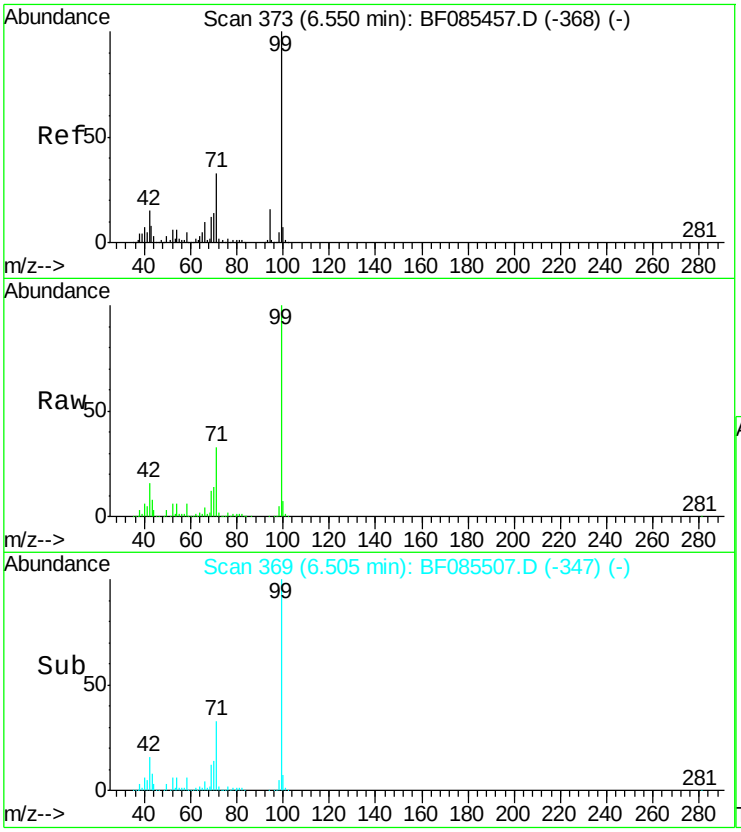


#5
2-Fluorophenol
Concen: 204.34 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:112 Resp: 885297

Ion	Ratio	Lower	Upper
112	100		
64	48.1	49.0	73.4#
63	24.2	24.8	37.2#



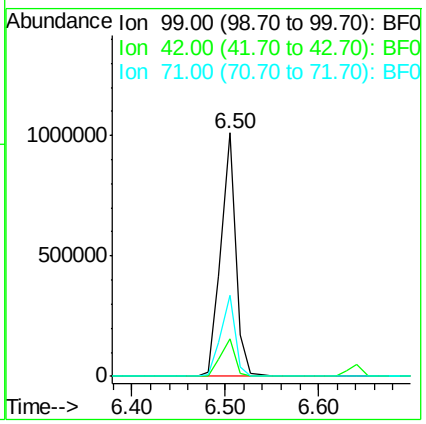


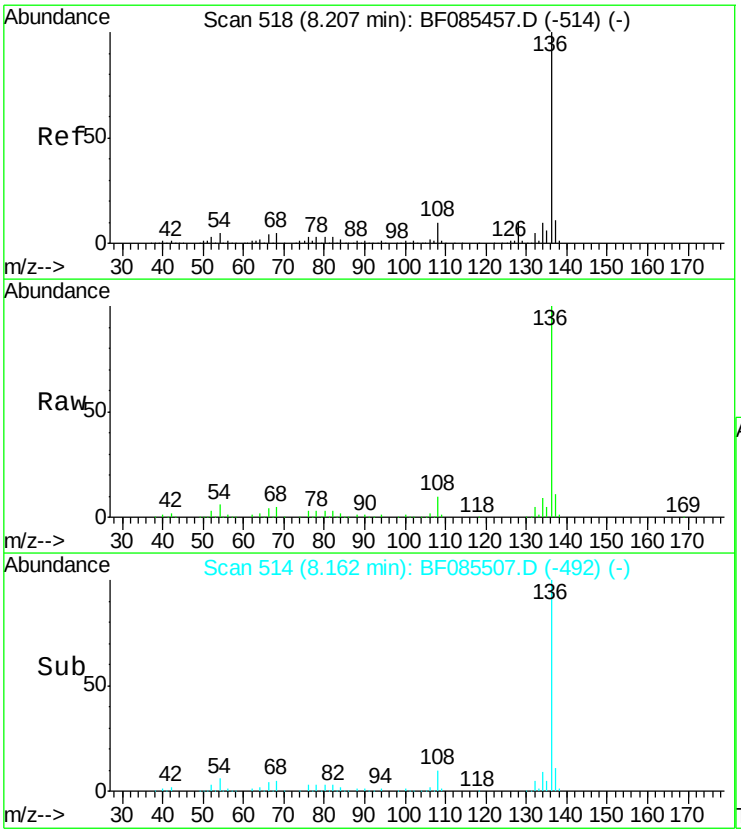
#7
Phenol-d6
Concen: 200.36 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion: 99 Resp: 1126005

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	33.4	26.7	40.1

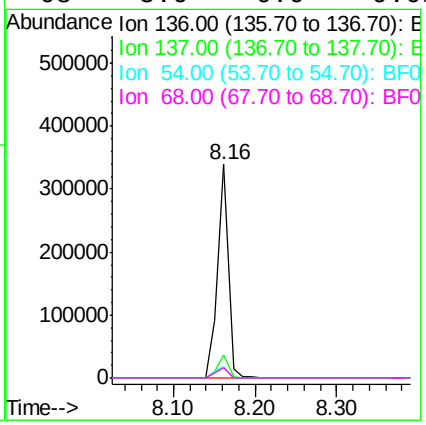


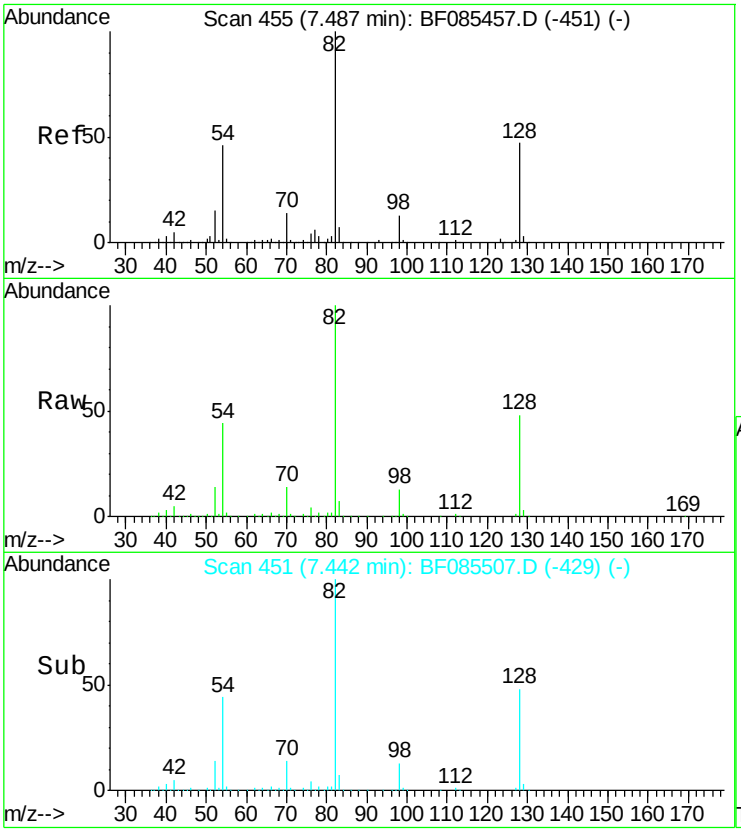


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:136 Resp: 311123

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	5.5	7.4	11.2#
68	5.0	6.0	9.0#



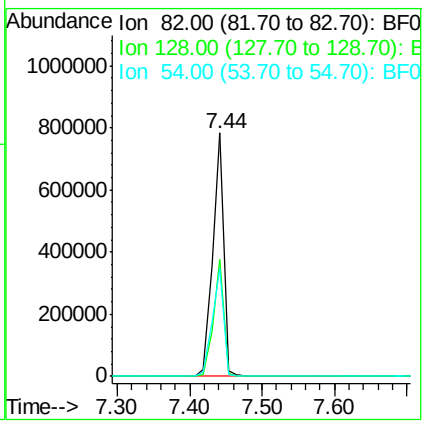


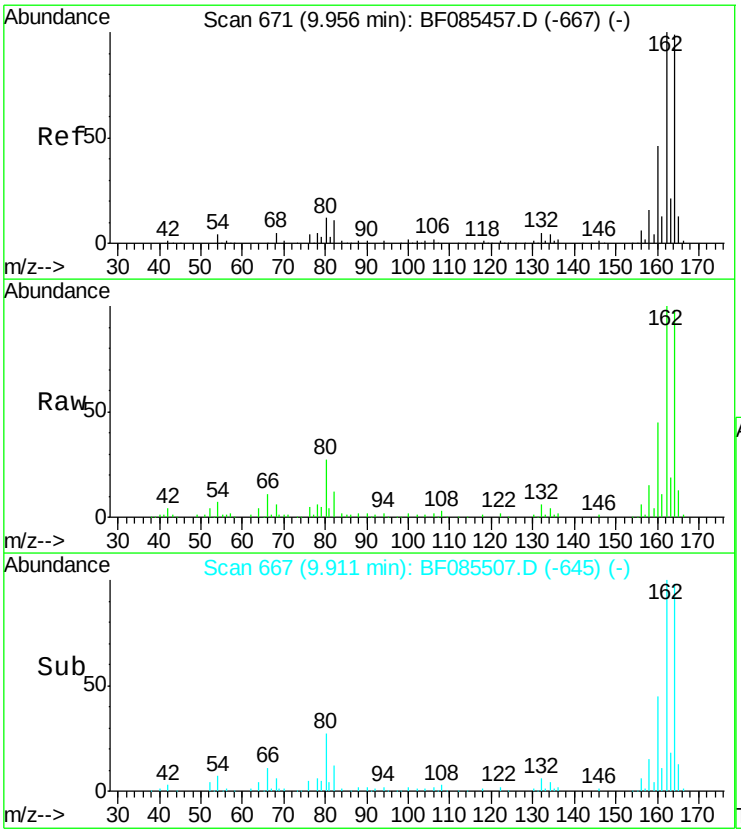
#23
Nitrobenzene-d5
Concen: 155.90 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion: 82 Resp: 820336

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.5	51.7
54	44.1	39.3	58.9

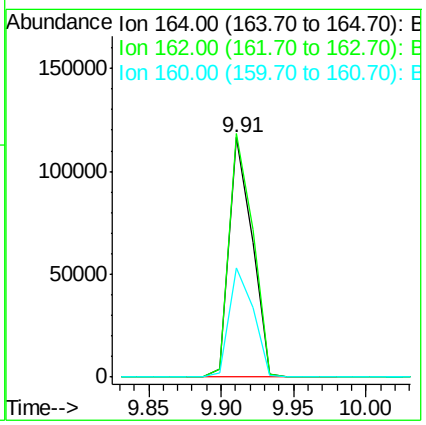


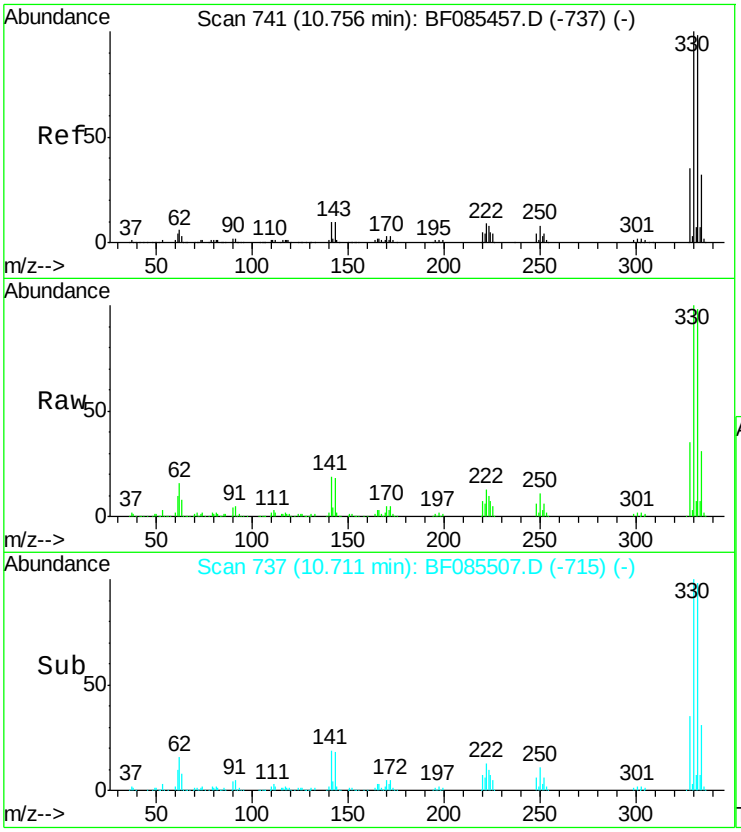


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:164 Resp: 128816

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.3	124.9
160	45.8	37.9	56.9



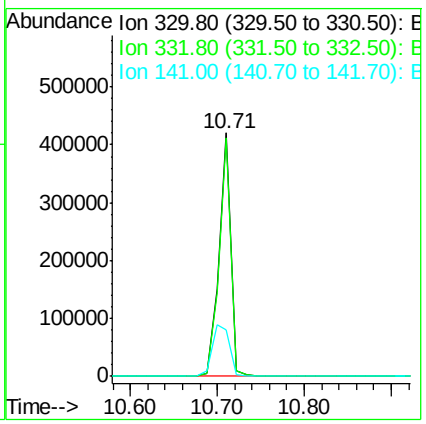


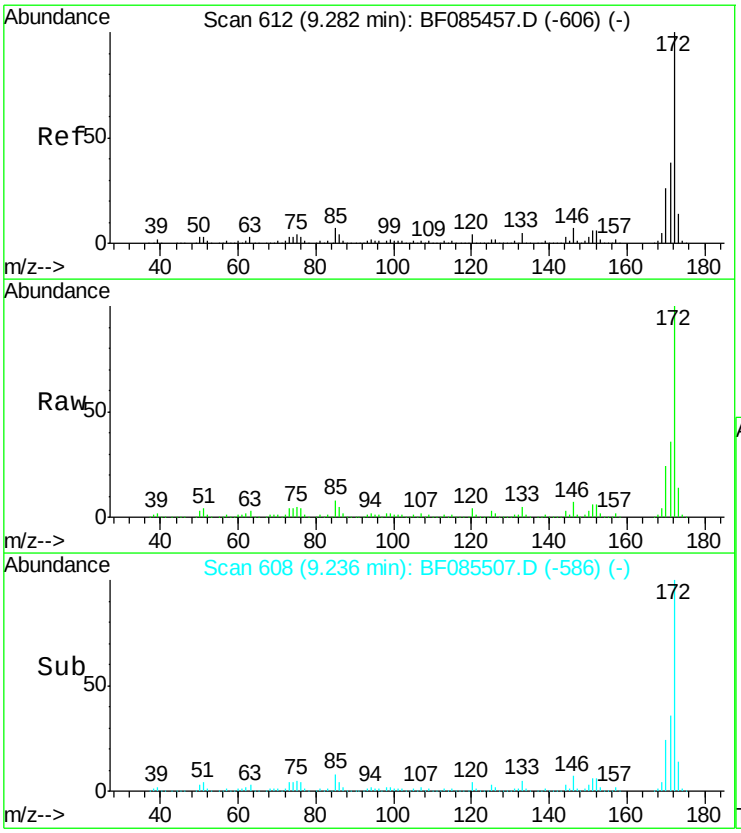
#41
2,4,6-Tribromophenol
Concen: 344.55 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:330 Resp: 408800

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	31.3	35.0	52.6#

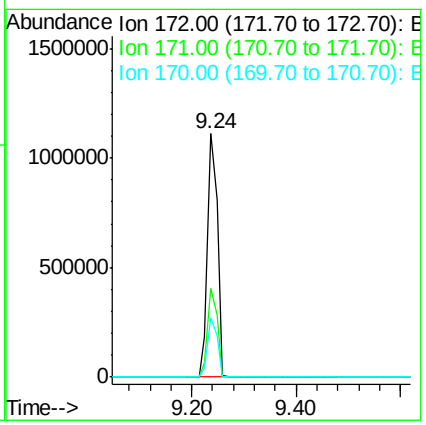


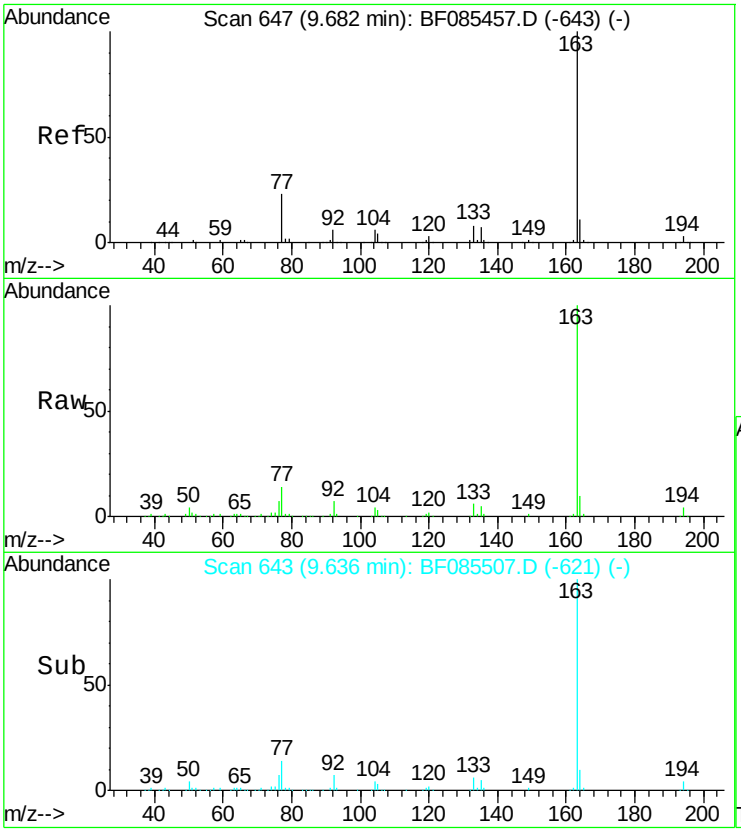


#44
2-Fluorobiphenyl
Concen: 197.34 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:172 Resp: 1465324

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.4	20.0	30.0



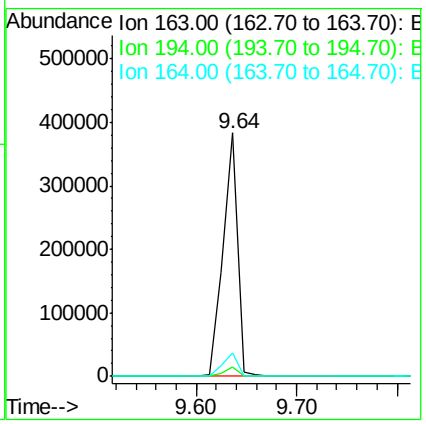


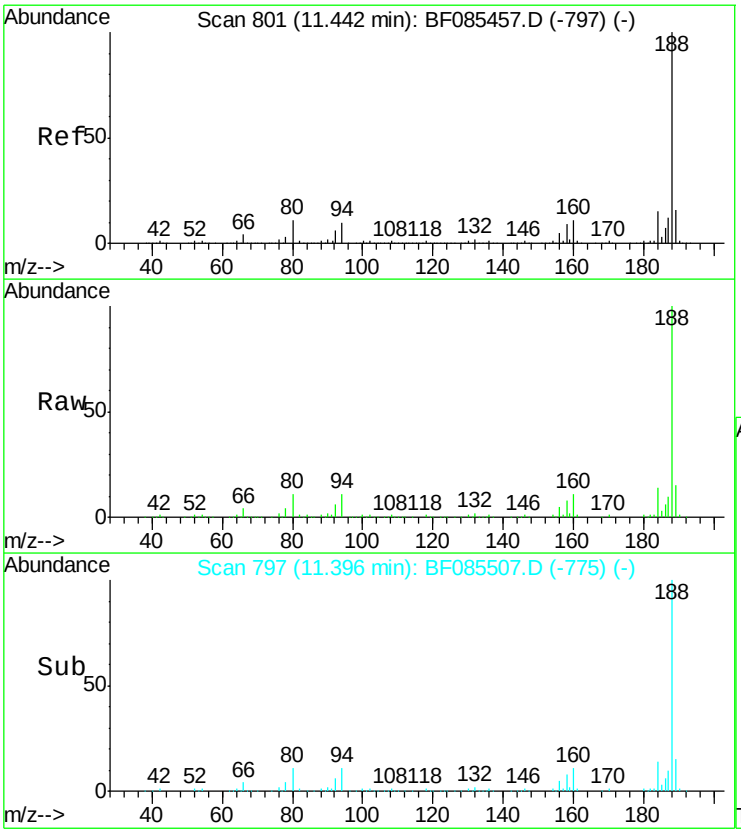
#49
Dimethylphthalate
Concen: 41.01 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:163 Resp: 385430

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.8	8.2	12.4

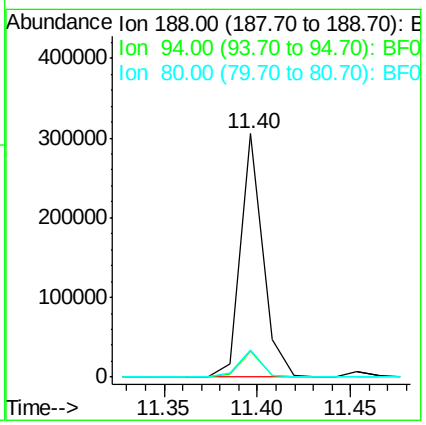


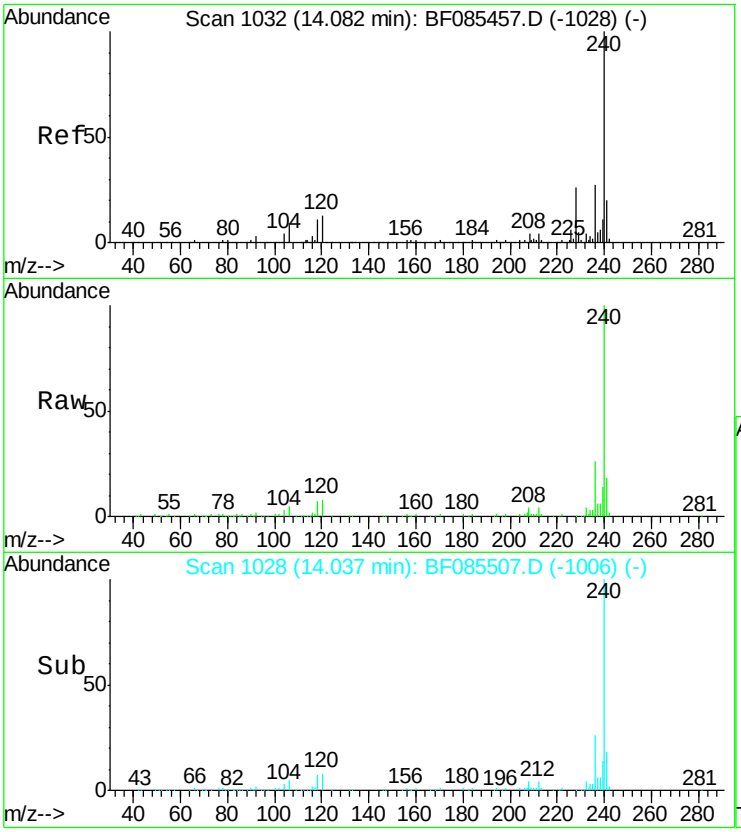


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:188 Resp: 256652

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.0	10.6#
80	11.0	7.4	11.0



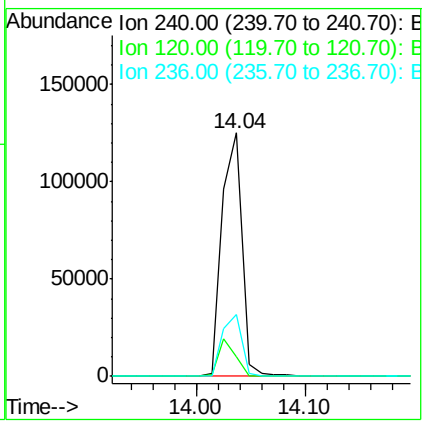


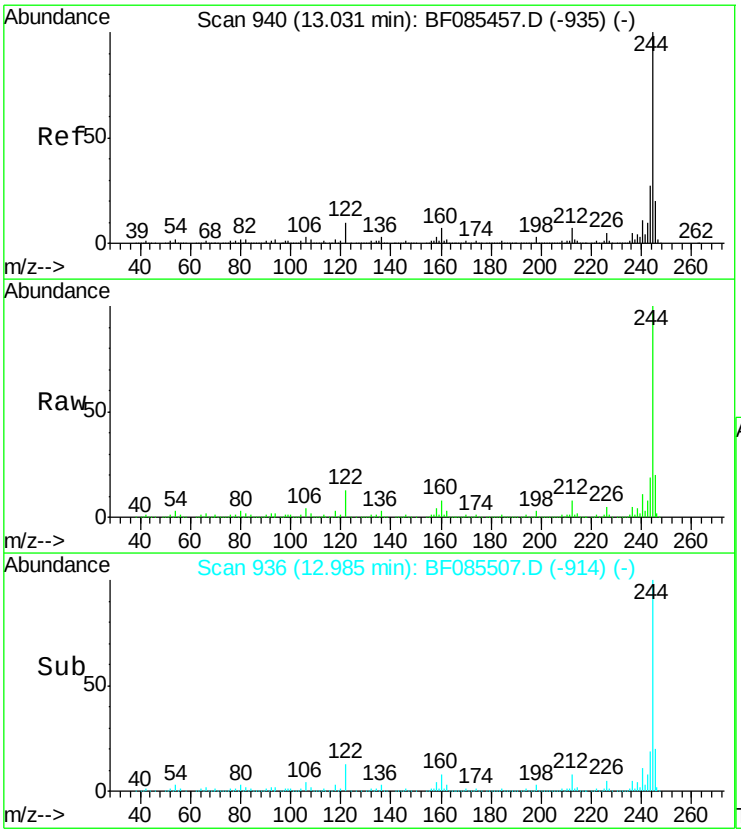
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:240 Resp: 159964

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.3	7.9#
236	25.7	20.7	31.1

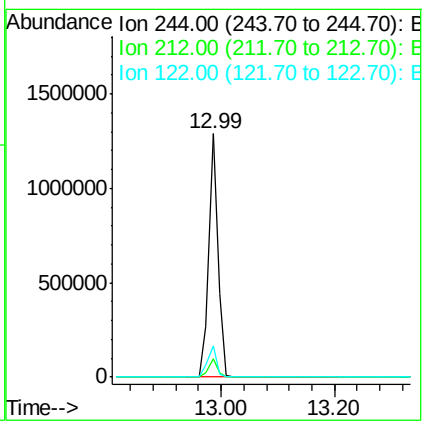


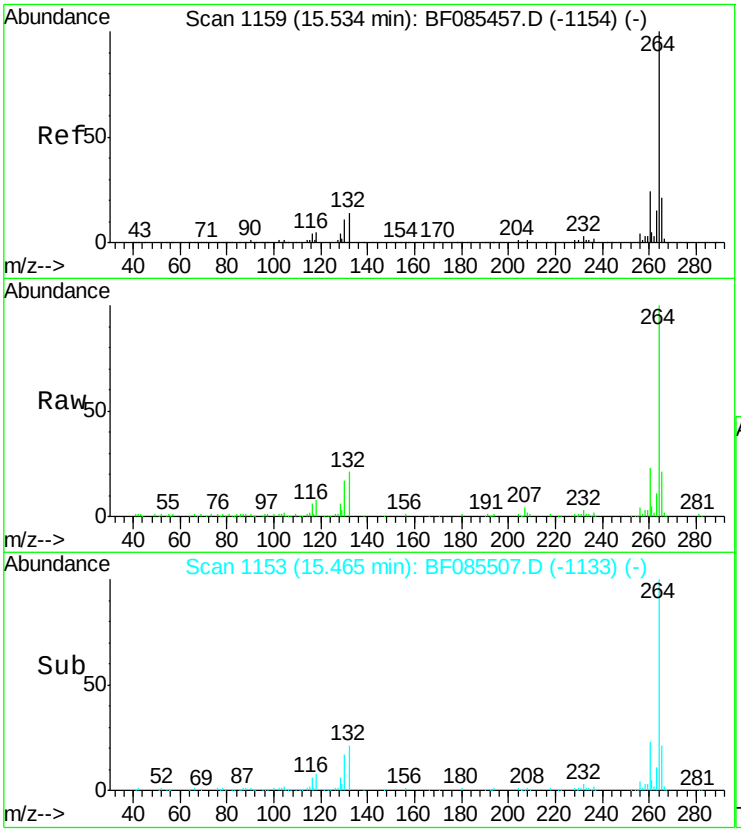


#78
Terphenyl-d14
Concen: 196.04 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:244 Resp: 1386226

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	12.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:264 Resp: 136209

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.3	25.9