Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085511.D
Acq On : 18 Mar 2016 00:37
Operator : UM/SJ
Sample : H1774-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

Quant Time: Mar 18 03:37:02 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	6.88	152	157219	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	633744	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	264896	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	431869	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	314058	20.00	ng	-0.05
86) Perylene-d12	15.47	264	304693	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1208211	132.10	ng	-0.02
7) Phenol-d6	6.52	99	1563037	131.75	ng	-0.03
23) Nitrobenzene-d5	7.44	82	970913	90.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	388175	159.10	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1580626	103.52	ng	-0.03
78) Terphenyl-d14	12.99	244	1029988	74.19	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	441753	22.86	ng	99

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

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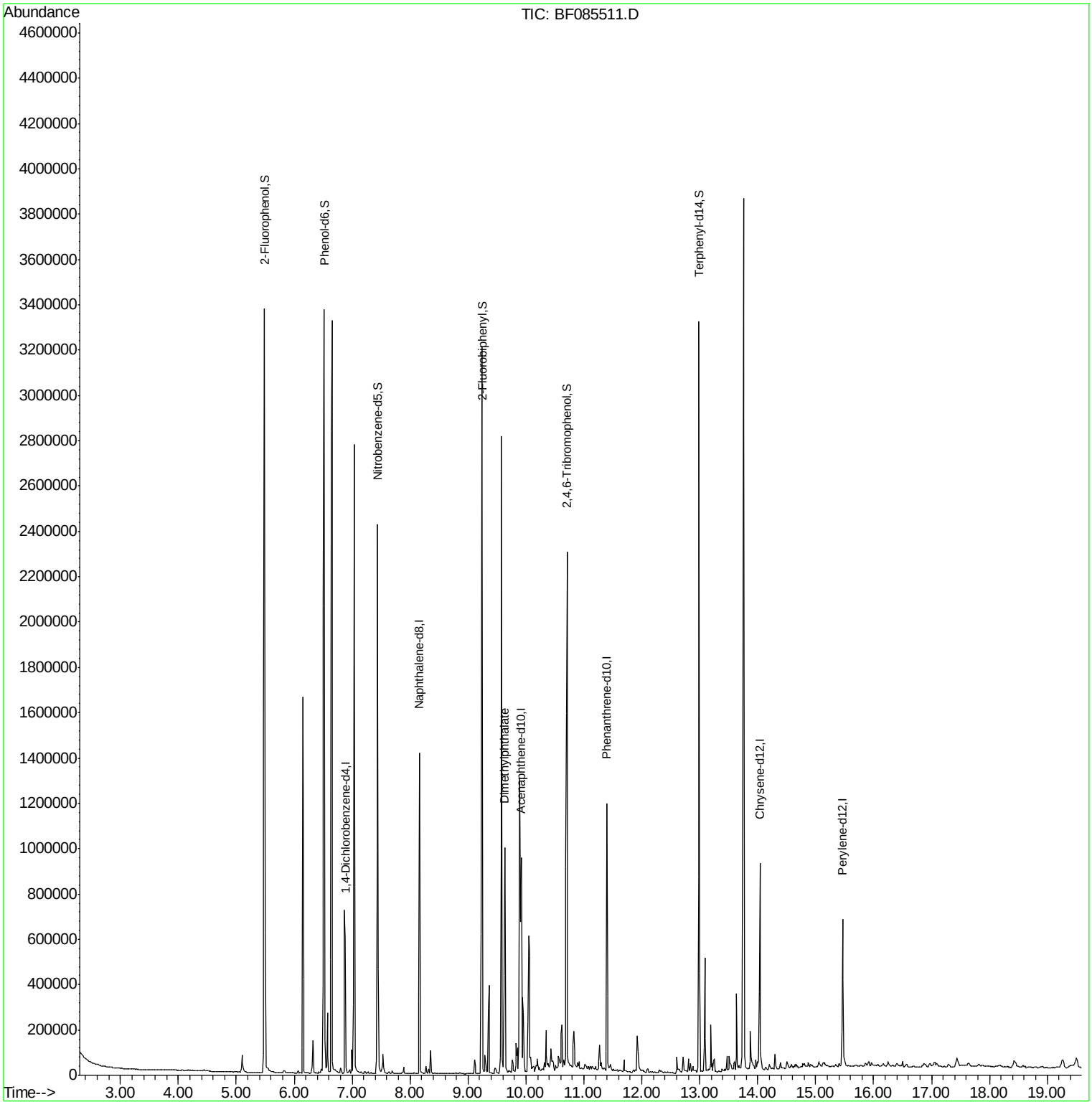
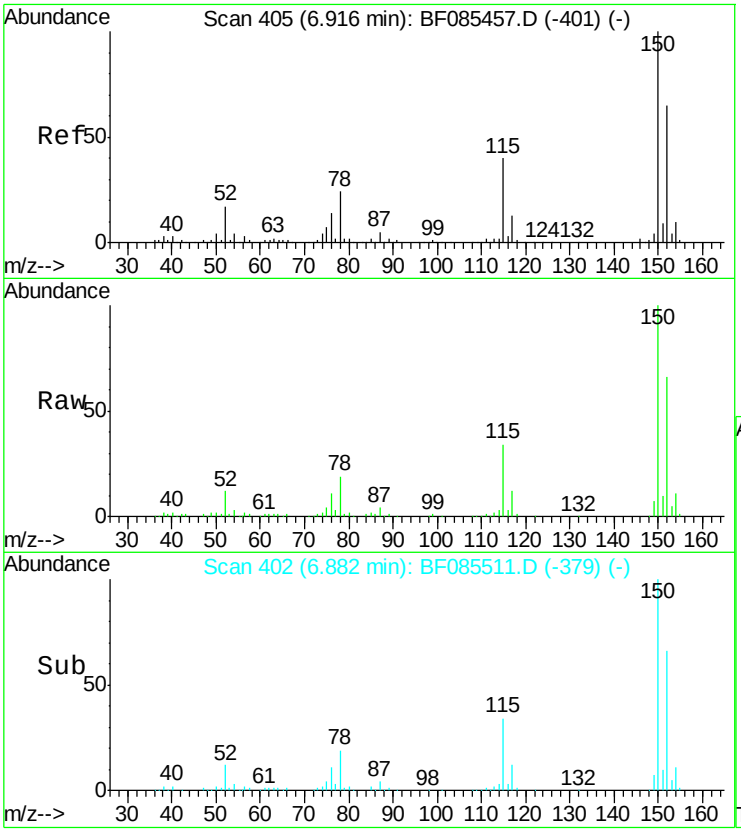


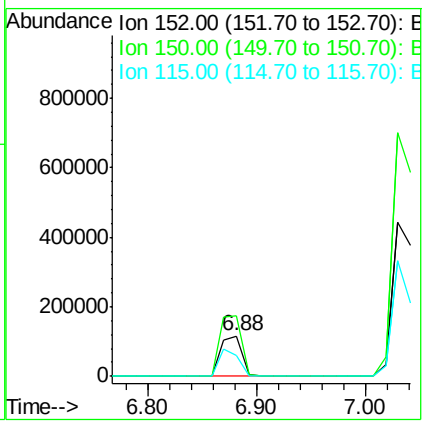


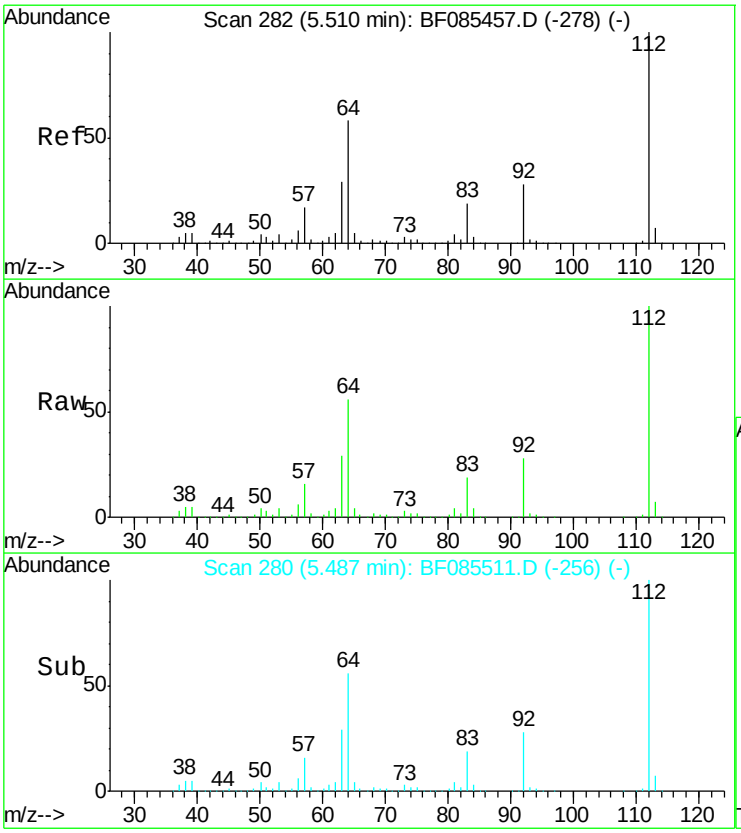
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:152 Resp: 157219

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.6	186.8
115	52.0	46.6	70.0

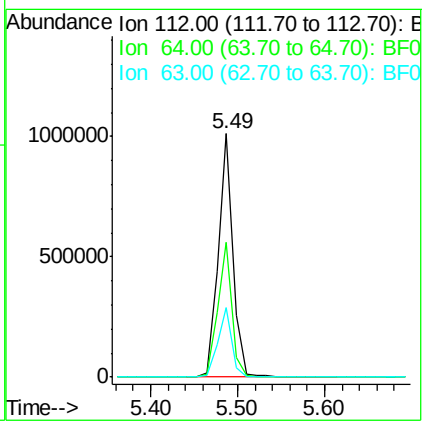


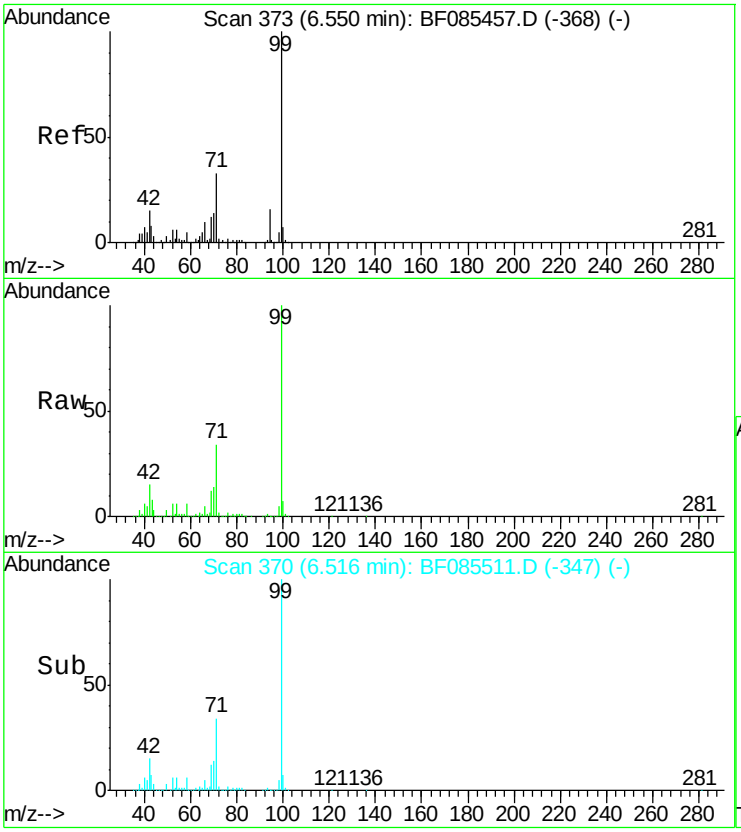


#5
2-Fluorophenol
Concen: 132.10 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:112 Resp: 1208211

Ion	Ratio	Lower	Upper
112	100		
64	55.5	49.0	73.4
63	28.6	24.8	37.2



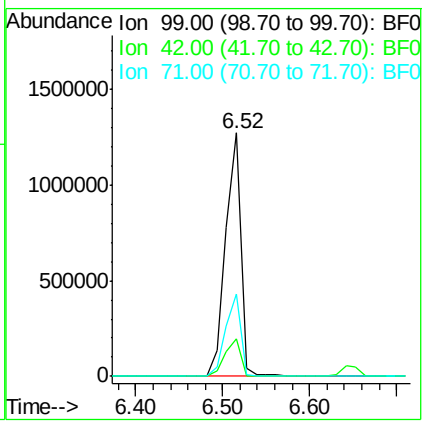


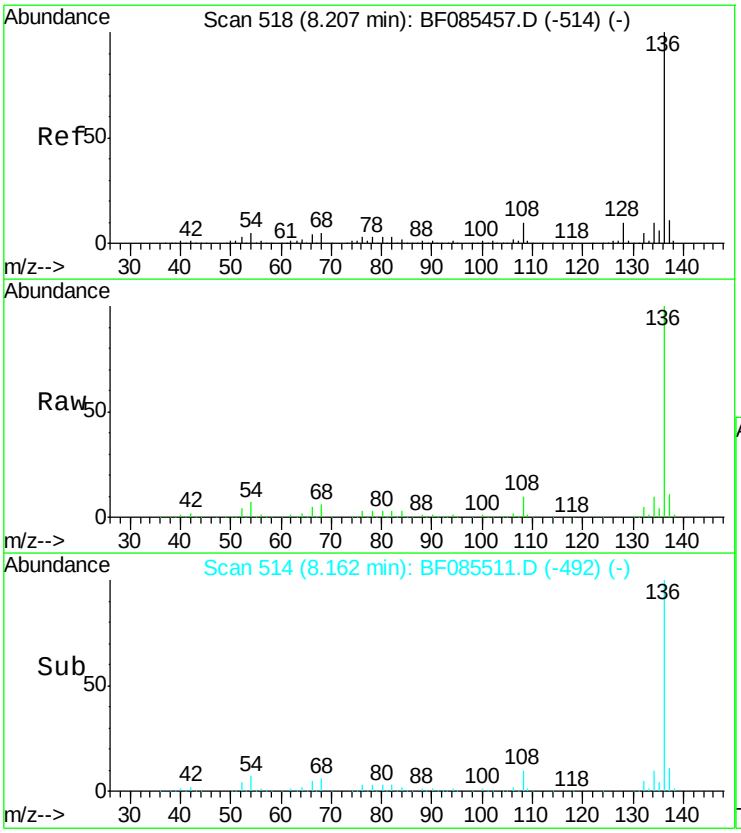
#7
Phenol-d6
Concen: 131.75 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion: 99 Resp: 1563037

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	33.8	26.7	40.1

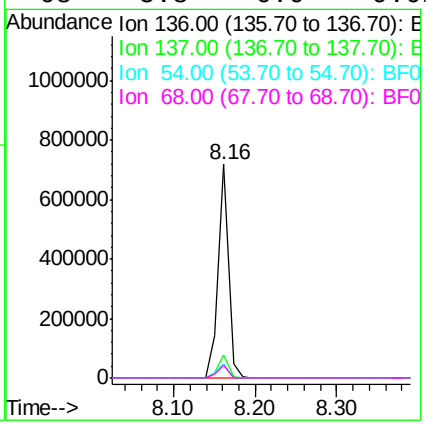


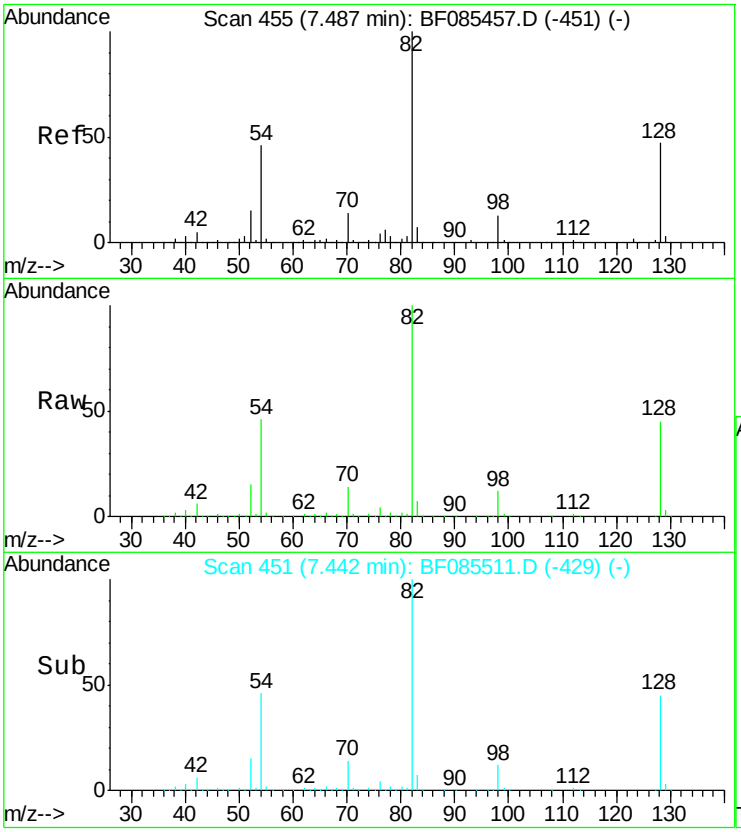


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:136 Resp: 633744

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.8	7.4	11.2#
68	5.8	6.0	9.0#



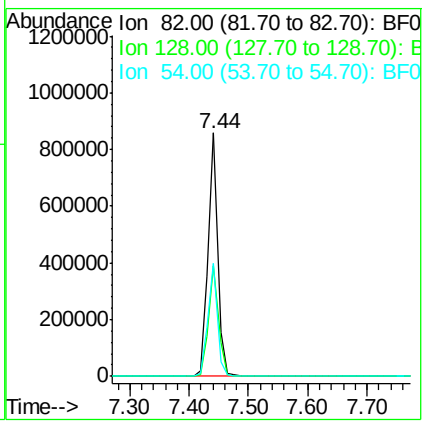


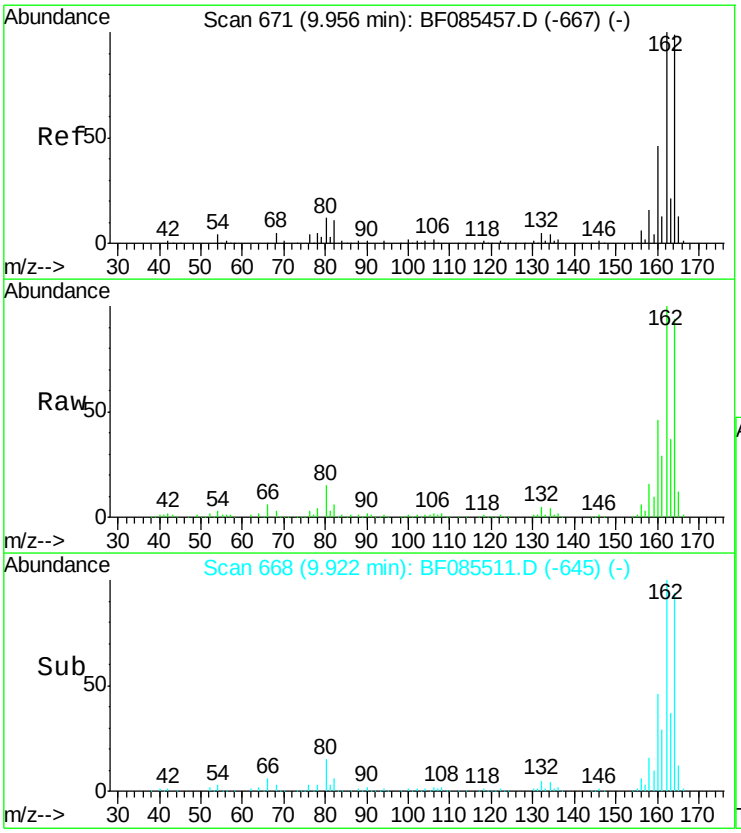
#23
Nitrobenzene-d5
Concen: 90.58 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion: 82 Resp: 970913

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	46.3	39.3	58.9

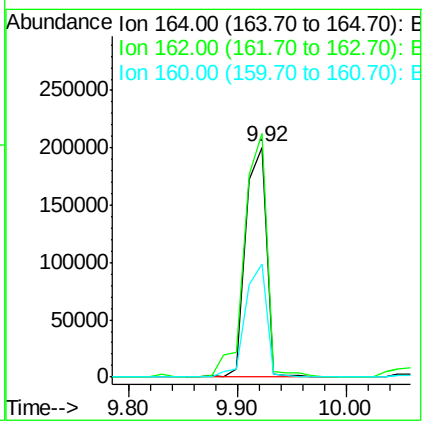


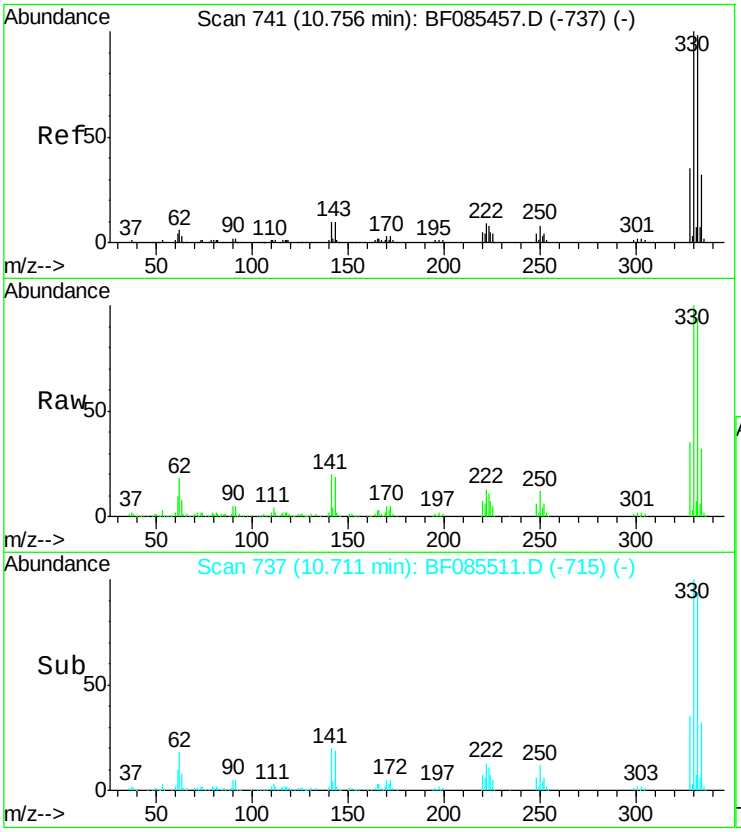


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:164 Resp: 264896

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.3	124.9
160	48.9	37.9	56.9



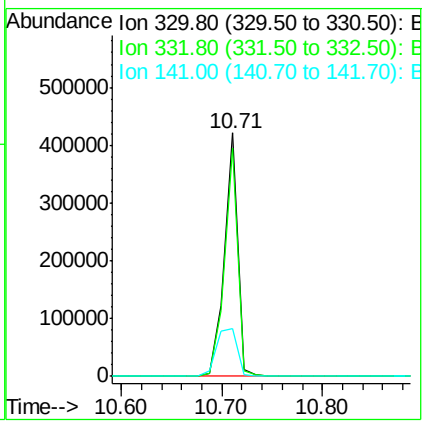


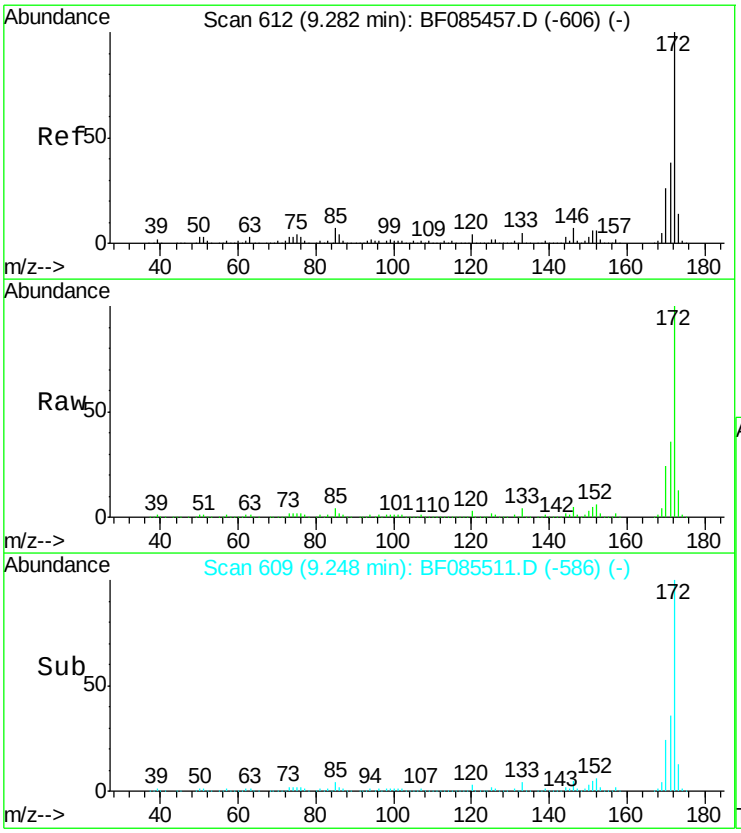
#41
2,4,6-Tribromophenol
Concen: 159.10 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:330 Resp: 388175

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	31.3	35.0	52.6#

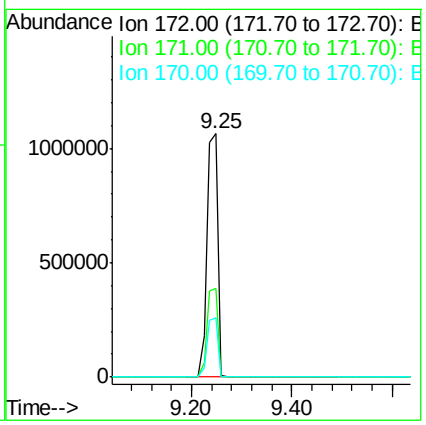


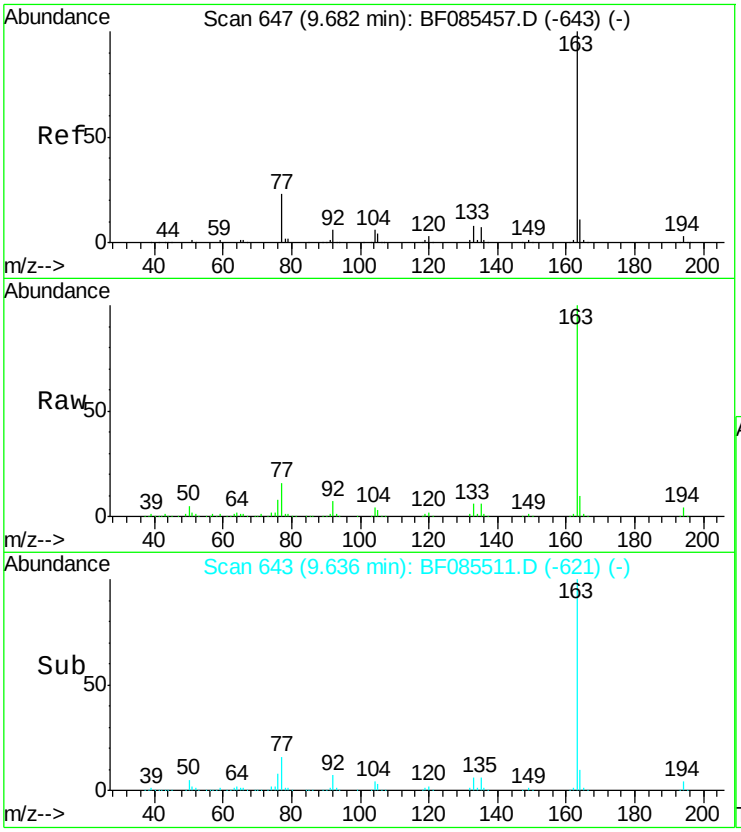


#44
2-Fluorobiphenyl
Concen: 103.52 ng
RT: 9.25 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:172 Resp: 1580626

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.5	20.0	30.0



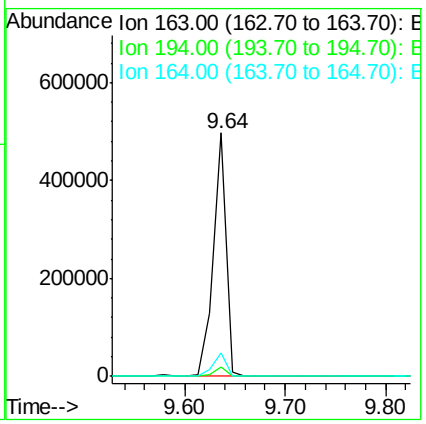


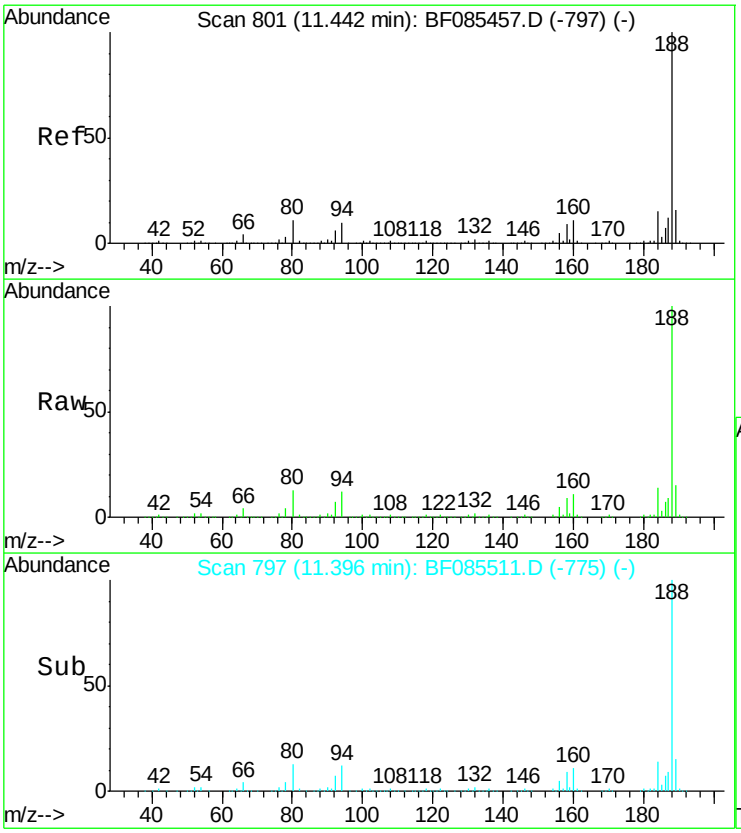
#49
Dimethylphthalate
Concen: 22.86 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:163 Resp: 441753

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.8	8.2	12.4

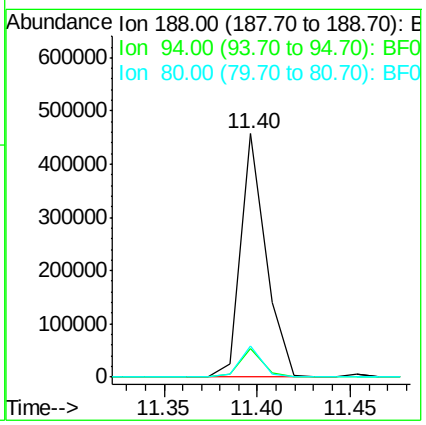


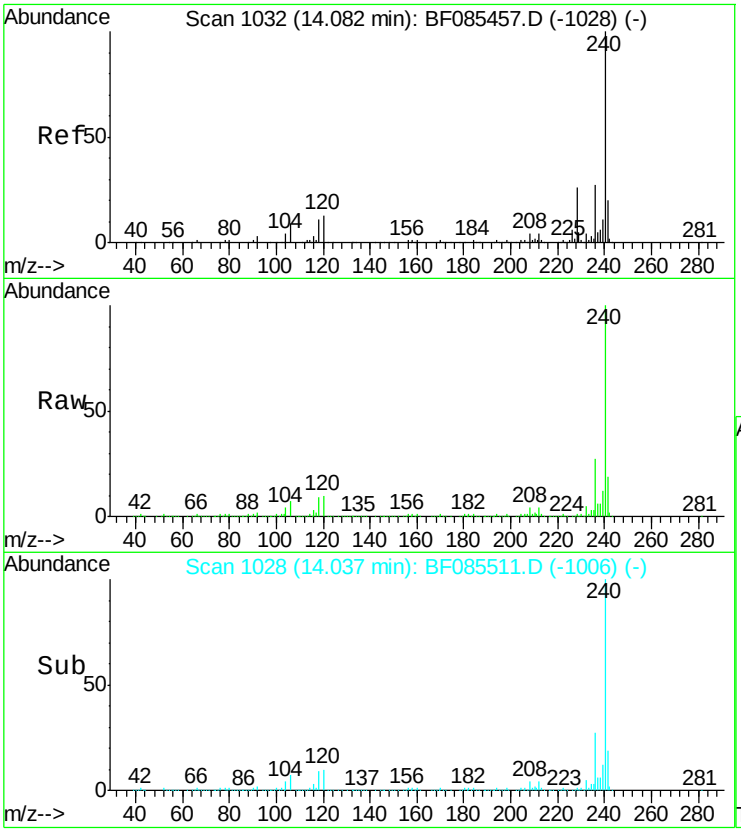


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:188 Resp: 431869

Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.0	10.6#
80	13.0	7.4	11.0#



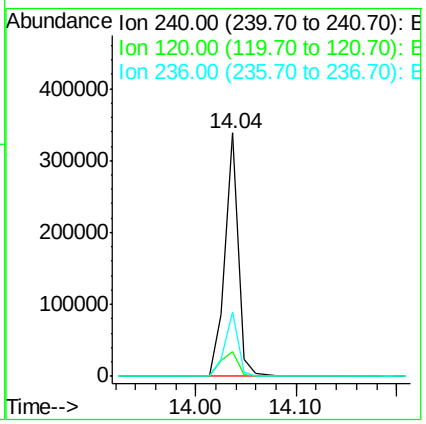


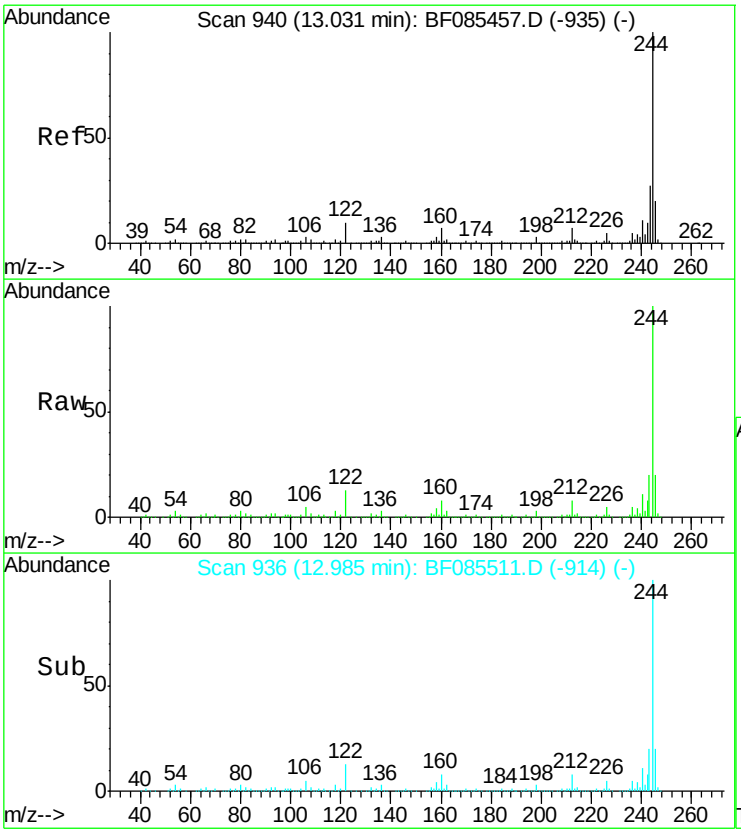
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:240 Resp: 314058

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.3	7.9#
236	26.5	20.7	31.1

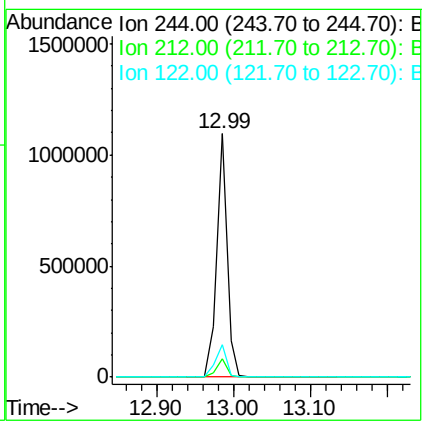


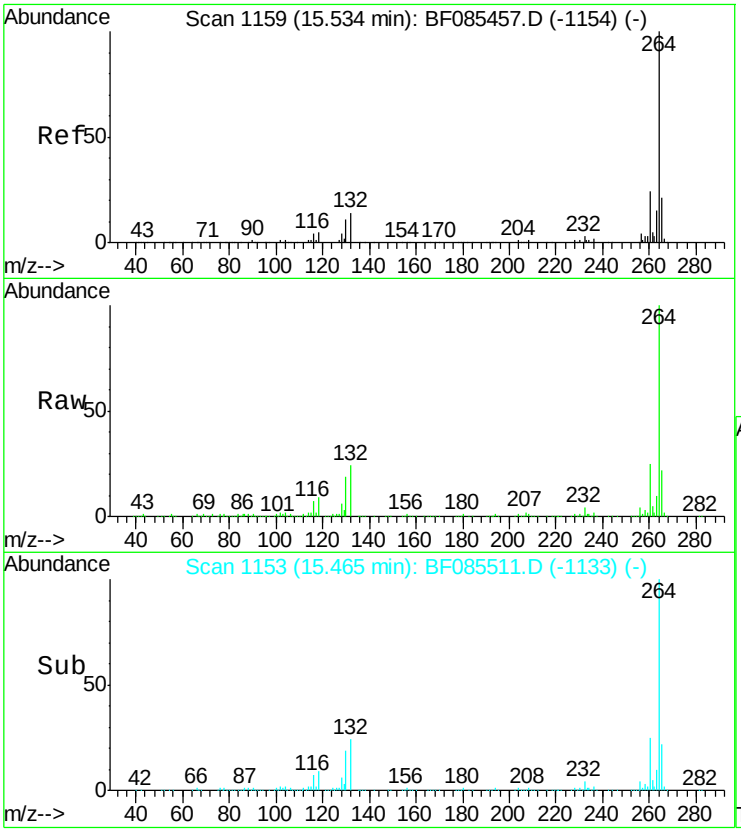


#78
Terphenyl-d14
Concen: 74.19 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:244 Resp: 1029988

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	13.1	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: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:264 Resp: 304693

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.3	25.9