Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085042.D
Acq On : 12 Feb 2016 5:35
Operator : SJ/IZ
Sample : H1387-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Time: Feb 12 08:09:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	134779	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	593676	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	284572	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	479940	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	326518	20.00	ng	-0.02
86) Perylene-d12	15.11	264	281724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1117706	129.17	ng	0.01
7) Phenol-d6	6.26	99	1183697	110.34	ng	-0.02
23) Nitrobenzene-d5	7.18	82	983625	93.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	355598	119.80	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1821069	132.07	ng	-0.01
78) Terphenyl-d14	12.72	244	1539122	106.82	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.92	128	118281	3.97	ng	99

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

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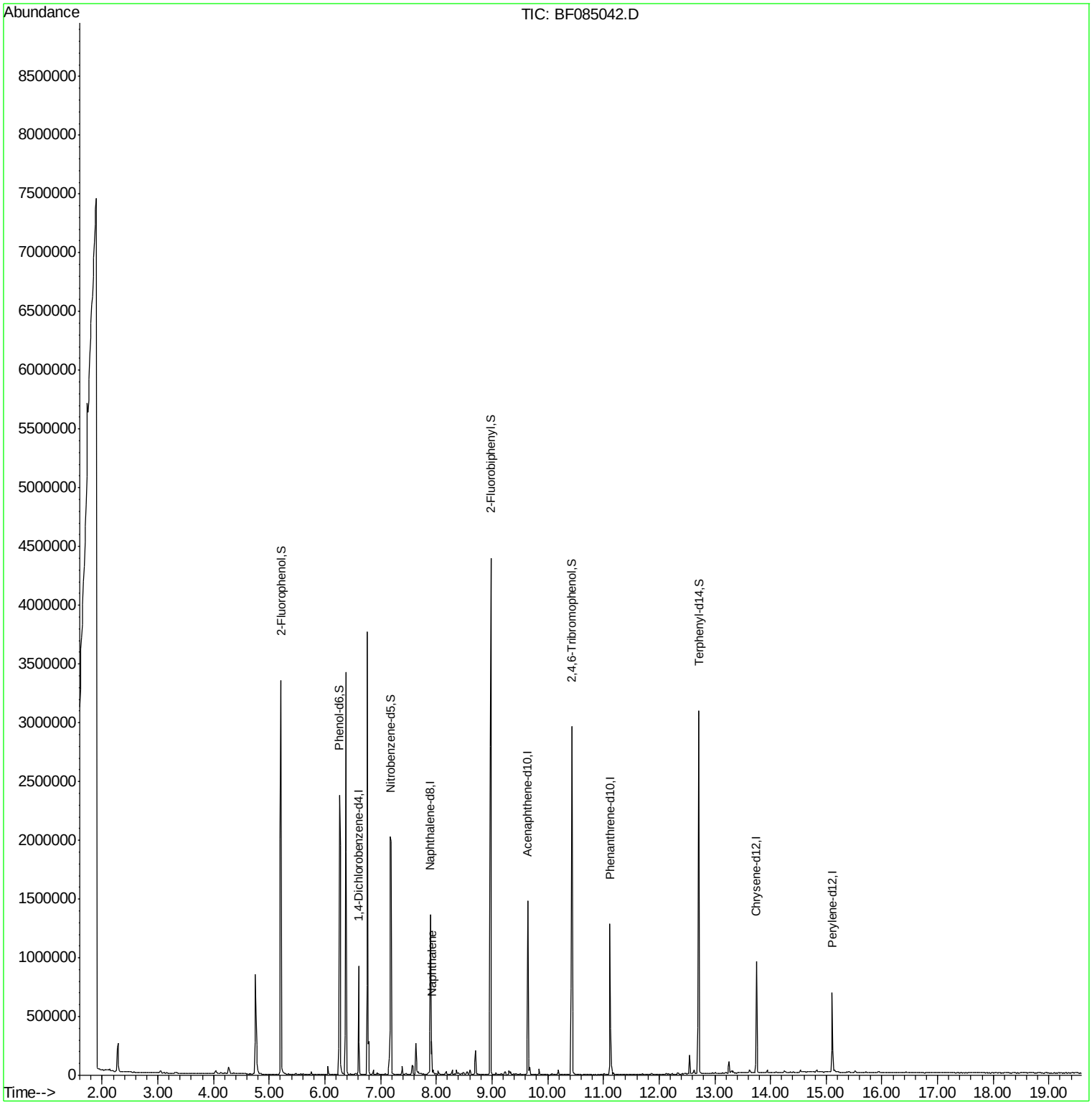
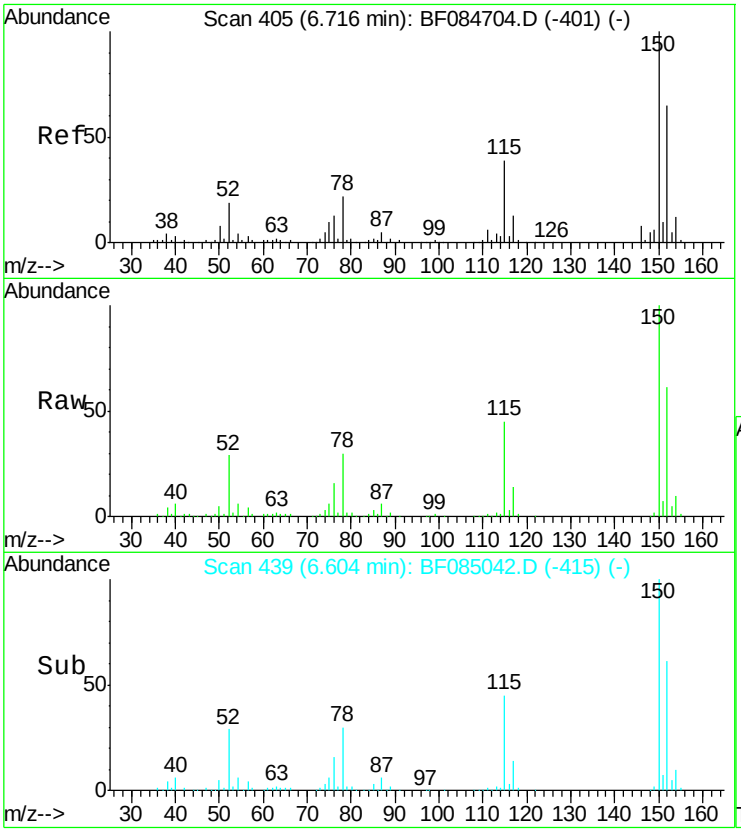


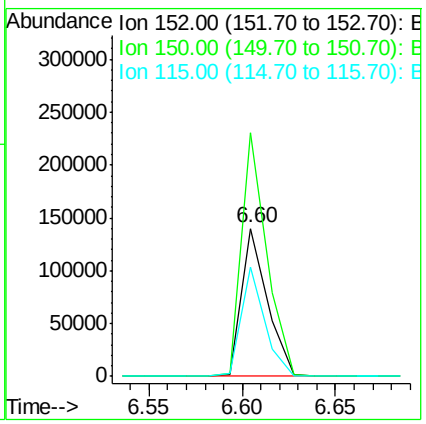


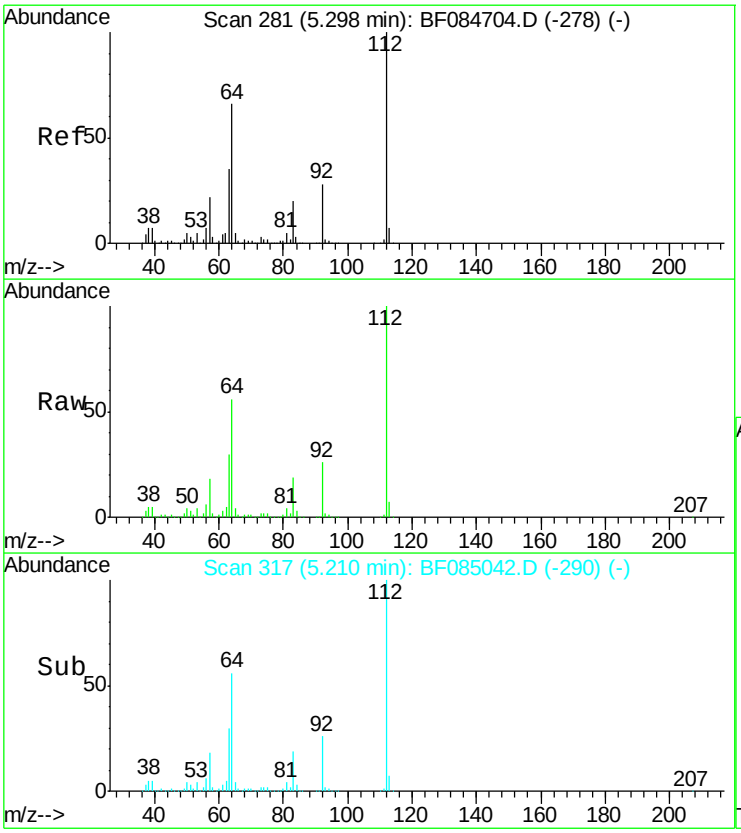
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion:152 Resp: 134779

Ion	Ratio	Lower	Upper
152	100		
150	164.4	123.0	184.4
115	73.6	51.4	77.2

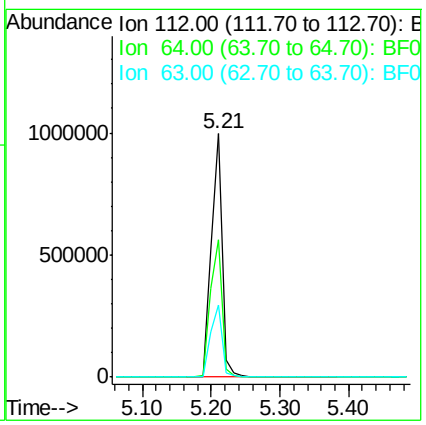


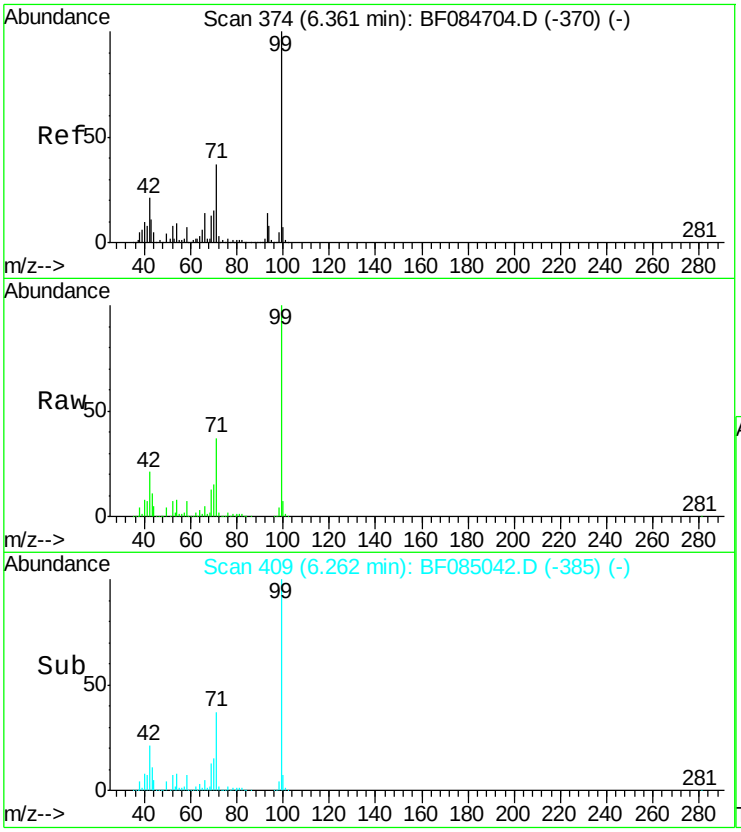


#5
2-Fluorophenol
Concen: 129.17 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:112 Resp: 1117706

Ion	Ratio	Lower	Upper
112	100		
64	56.4	36.6	55.0#
63	29.7	19.4	29.0#



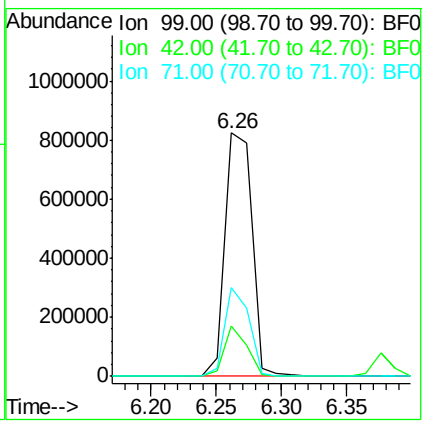


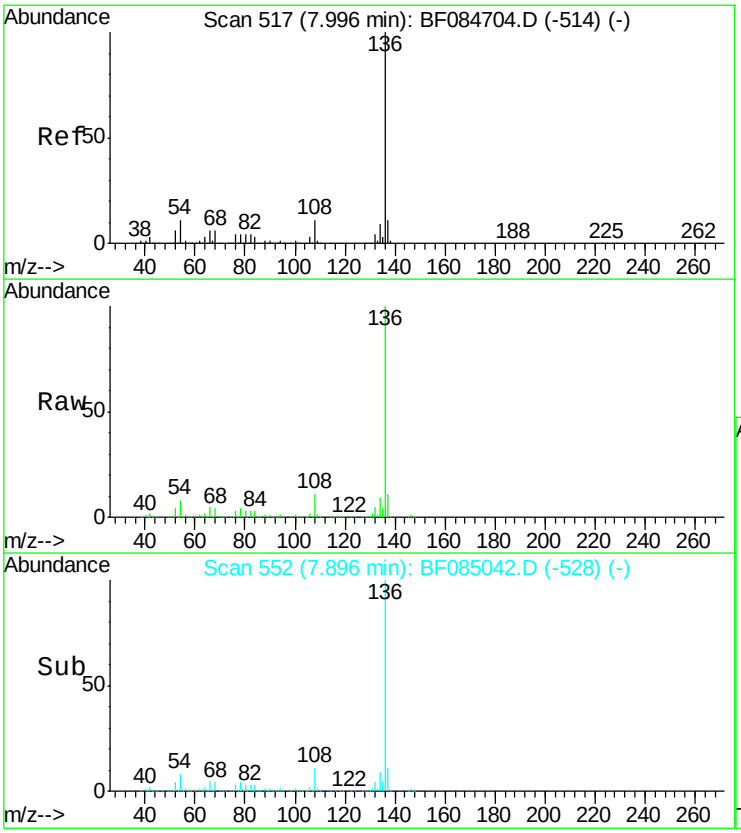
#7
Phenol-d6
Concen: 110.34 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion: 99 Resp: 1183697

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.6	30.9	46.3

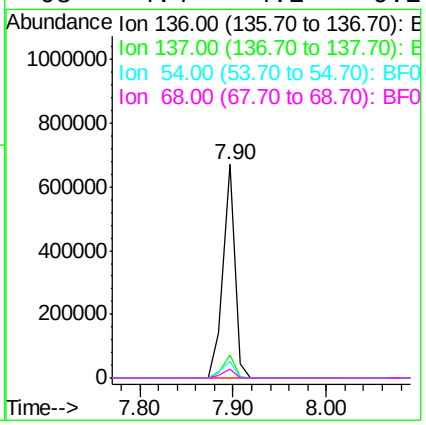


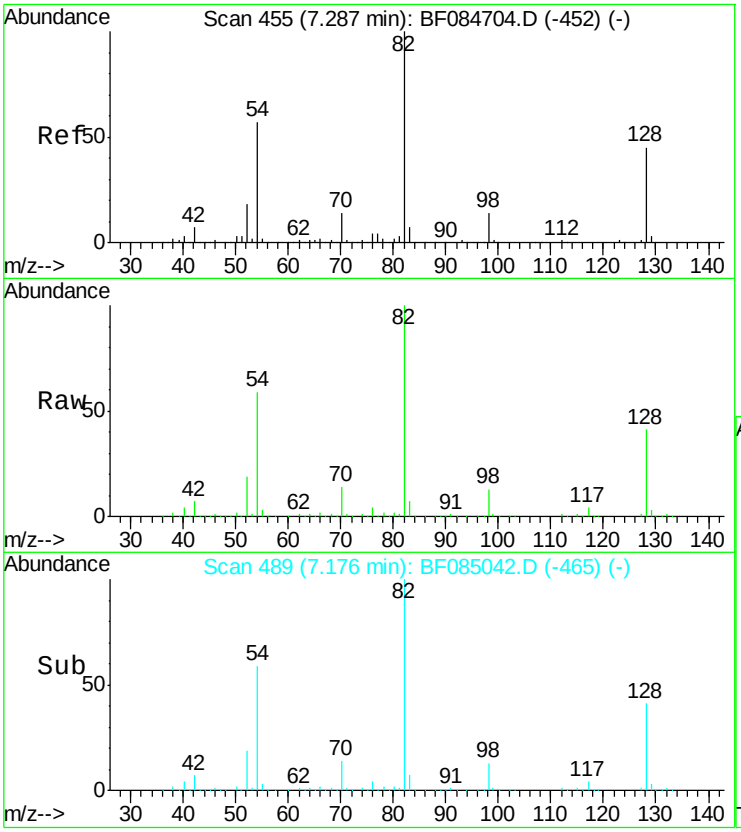


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:136 Resp: 593676

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	5.8	8.8
68	4.4	4.2	6.2



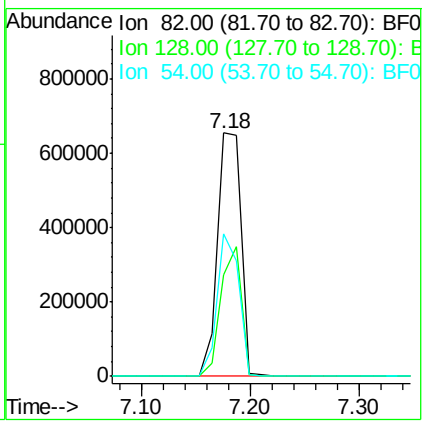


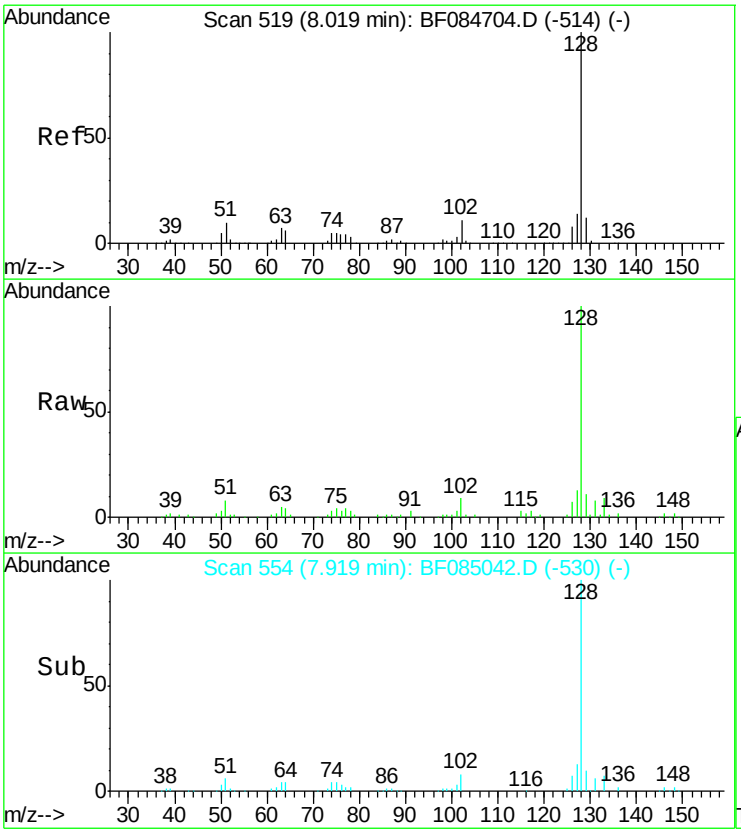
#23
Nitrobenzene-d5
Concen: 93.33 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion: 82 Resp: 983625

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	58.6	38.4	57.6#

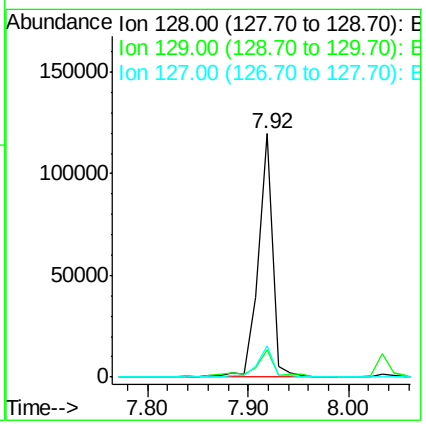


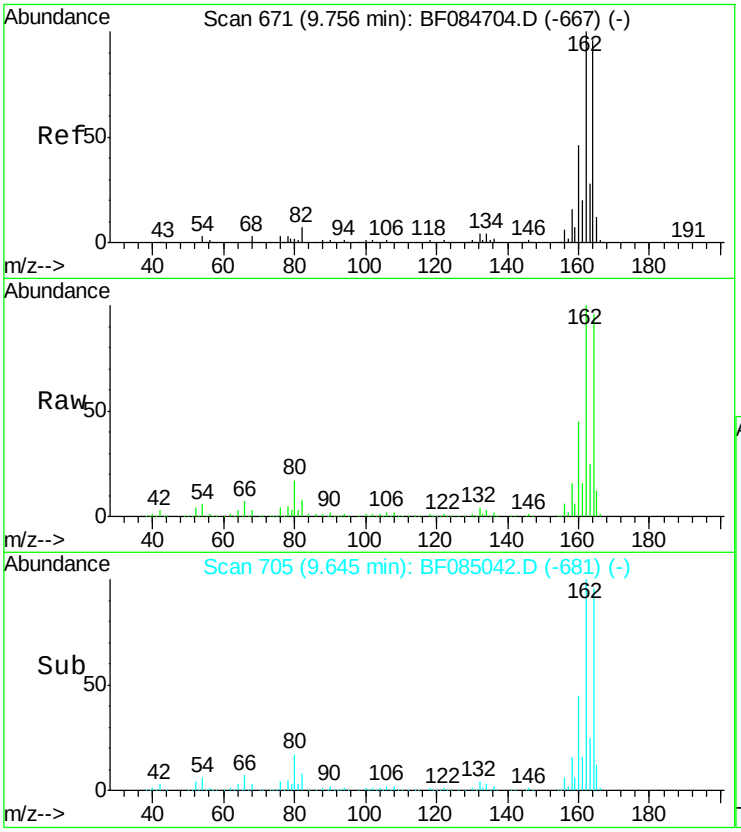


#31
Naphthalene
Concen: 3.97 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:128 Resp: 118281

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.0	11.1	16.7



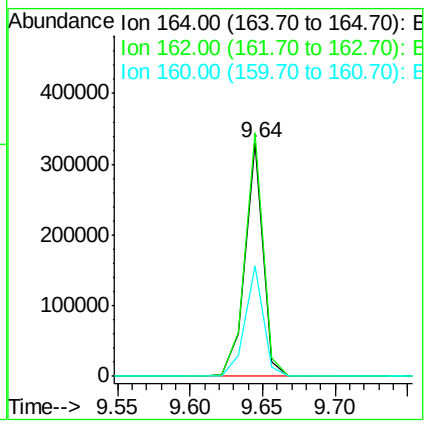


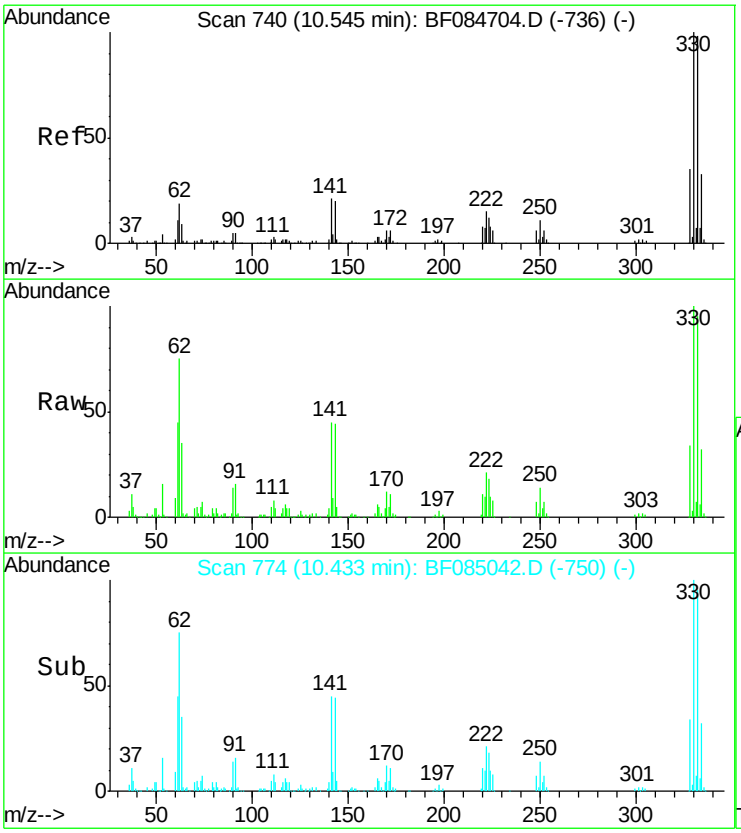
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion:164 Resp: 284572

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	47.3	37.5	56.3

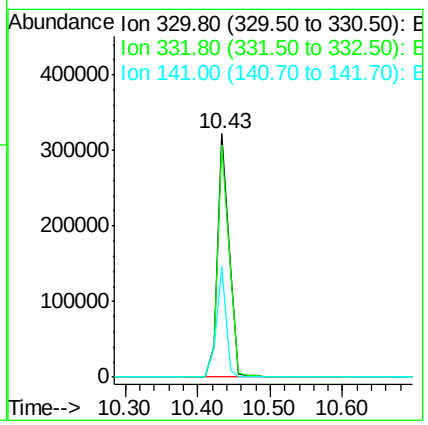


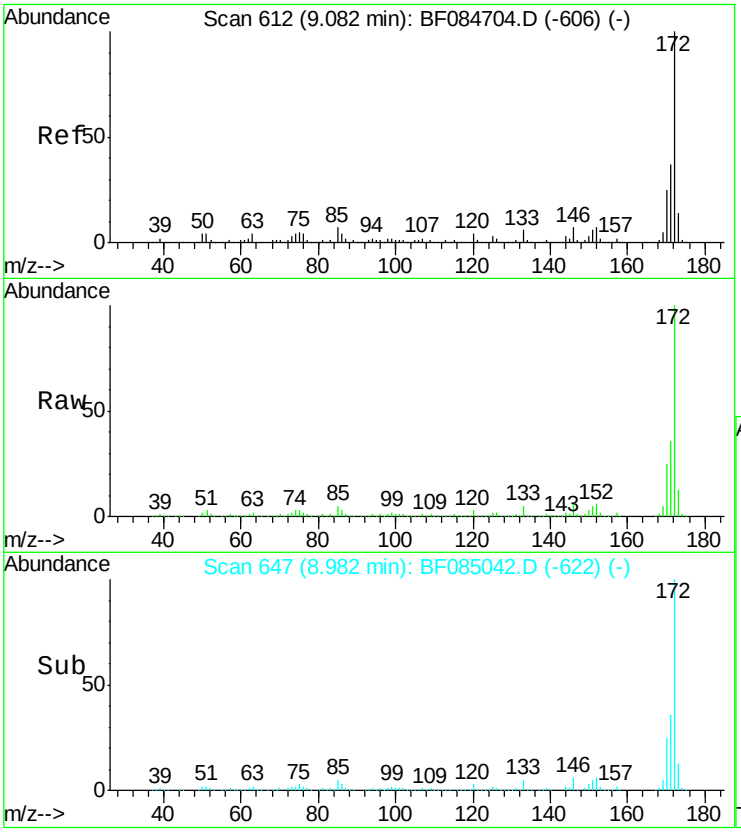


#41
2,4,6-Tribromophenol
Concen: 119.80 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:330 Resp: 355598

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	38.3	27.8	41.6



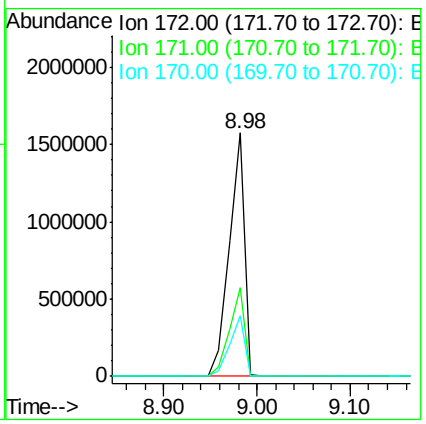


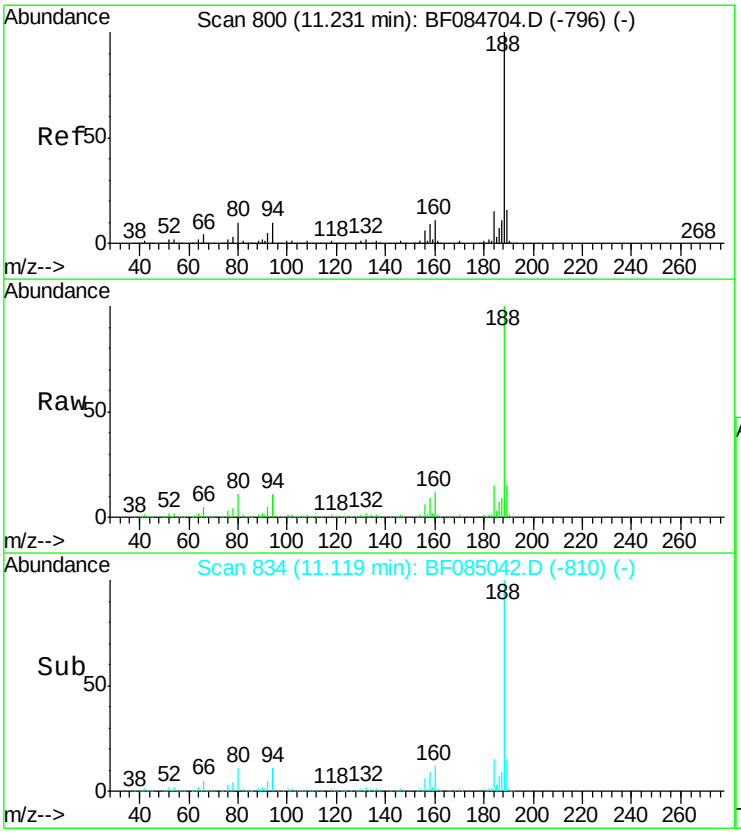
#44
2-Fluorobiphenyl
Concen: 132.07 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion:172 Resp: 1821069

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.8	18.6	27.8

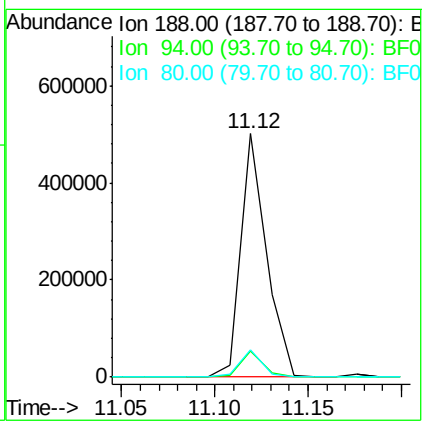


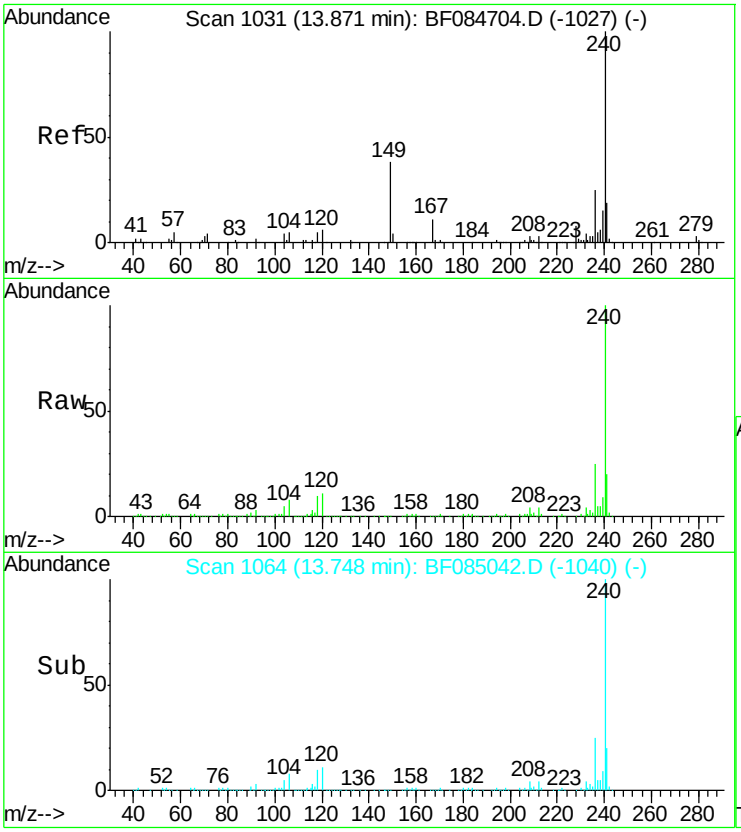


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:188 Resp: 479940

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.3	9.6	14.4



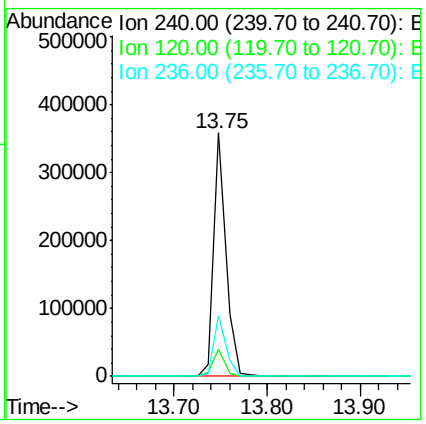


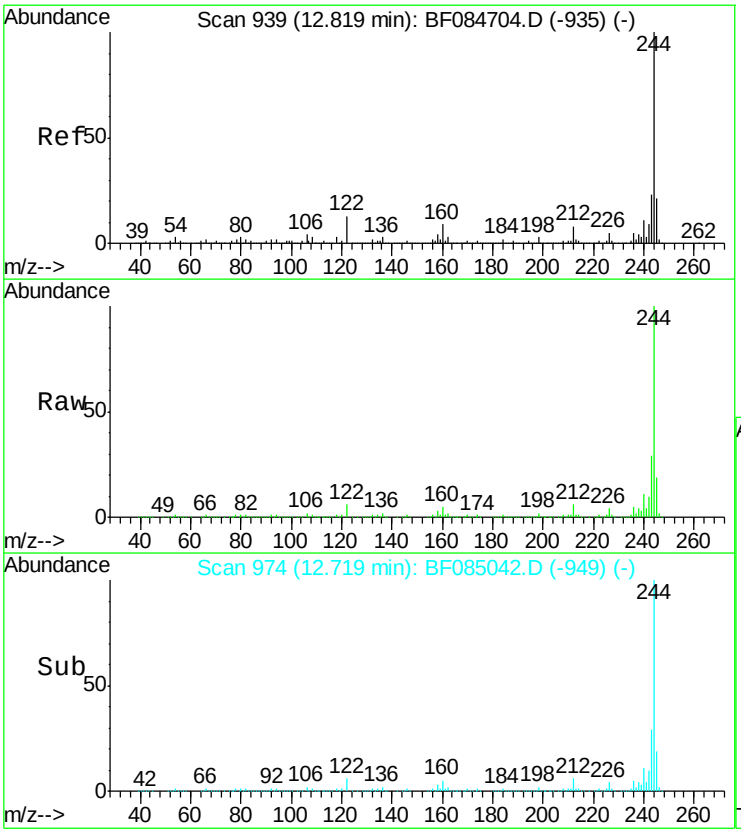
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion:240 Resp: 326518

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.1	20.6	31.0

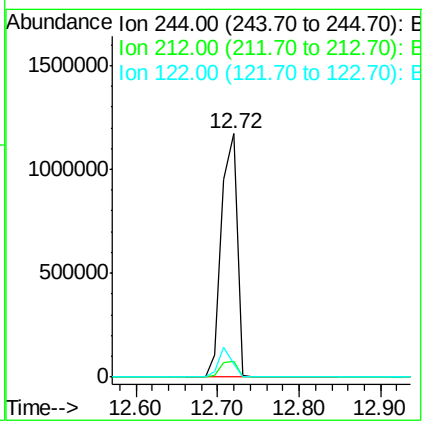


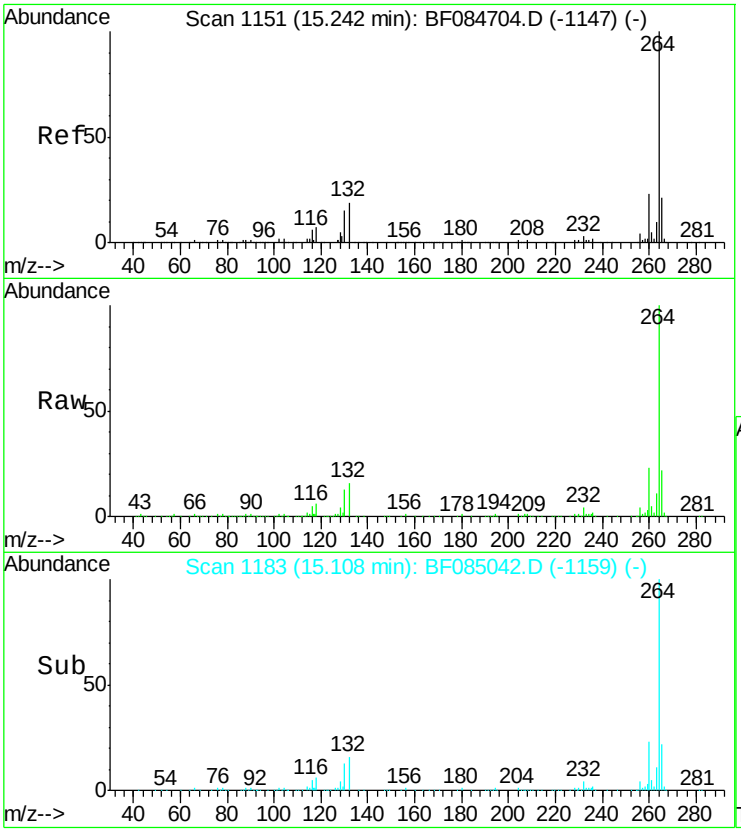


#78
Terphenyl-d14
Concen: 106.82 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:244 Resp: 1539122

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	5.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion:264 Resp: 281724

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.8	17.8	26.6