Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085137.D
Acq On : 2 Mar 2016 23:34
Operator : SJ/IZ
Sample : H1623-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-29-022516

Quant Time: Mar 03 06:40:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	169146	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	695464	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	306665	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	523837	20.00	ng	0.00
75) Chrysene-d12	14.15	240	386785	20.00	ng	0.00
86) Perylene-d12	15.63	264	397468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1436460	137.87	ng	0.03
7) Phenol-d6	6.62	99	1692081	123.88	ng	0.00
23) Nitrobenzene-d5	7.56	82	1288380	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	546852	177.45	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1780779	85.52	ng	0.00
78) Terphenyl-d14	13.10	244	1620245	98.27	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.30	128	589562	16.76	ng	97

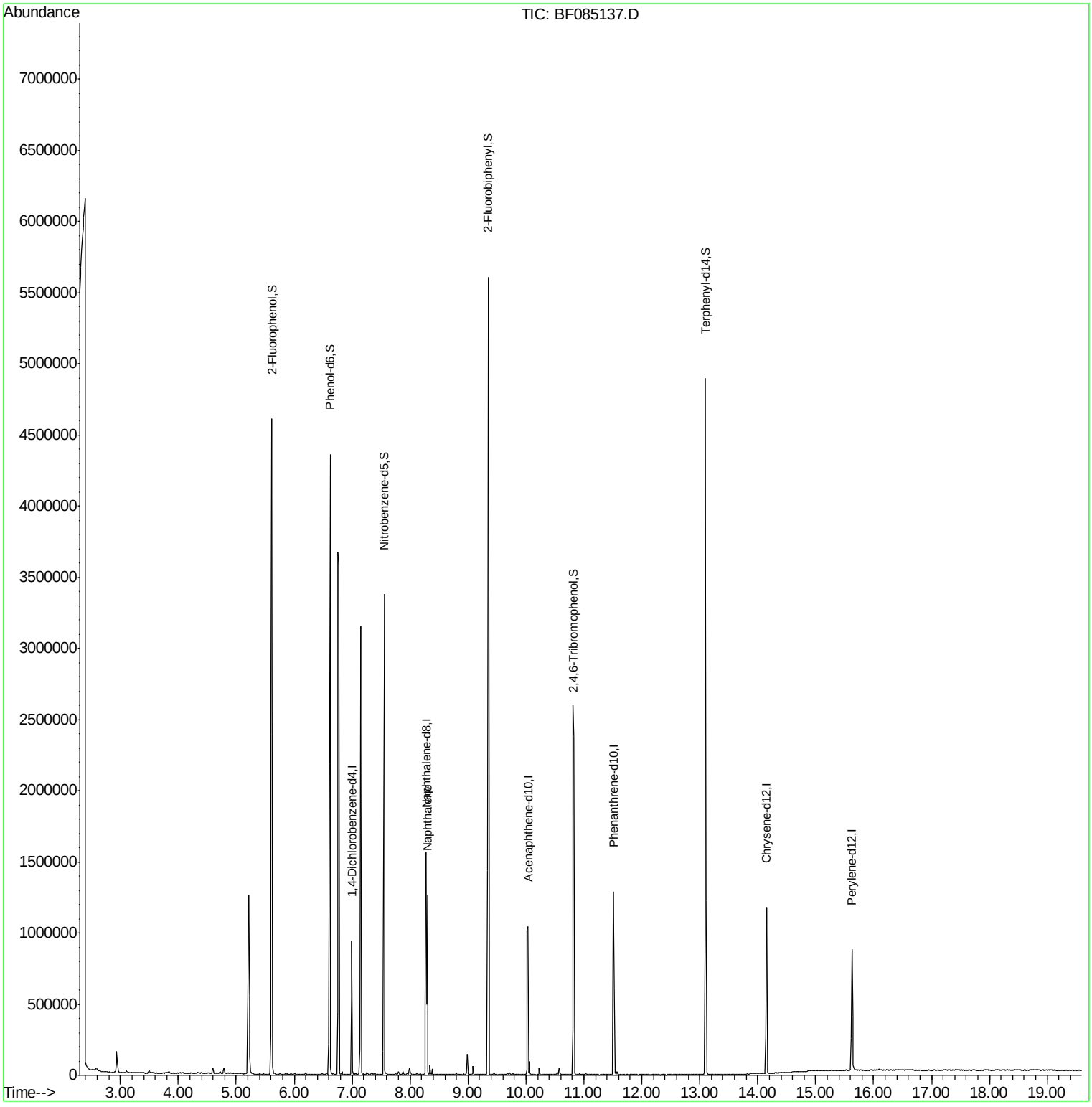
(#) = qualifier out of range (m) = manual integration (+) = signals summed

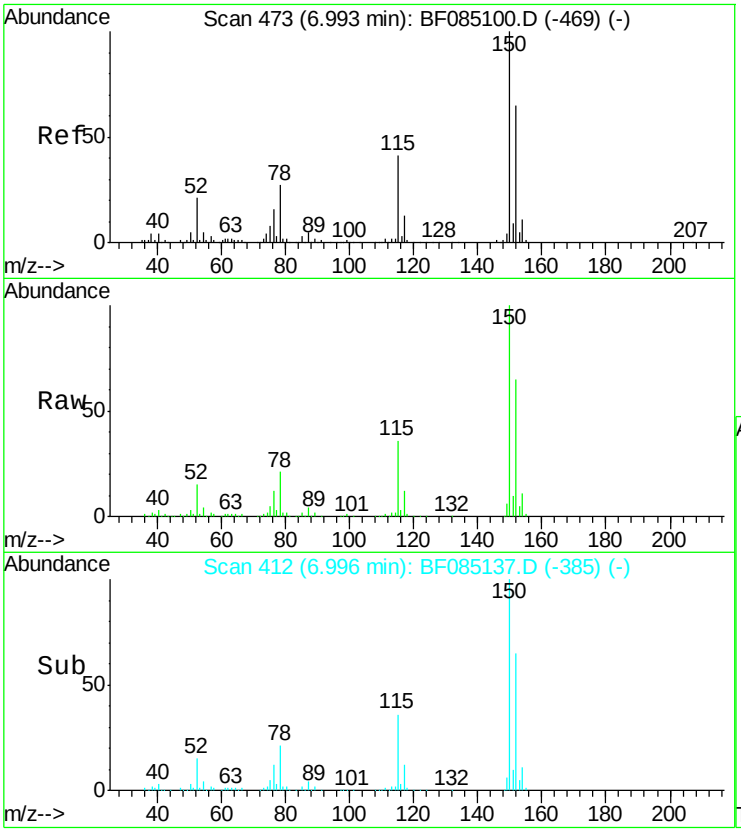
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085137.D
Acq On : 2 Mar 2016 23:34
Operator : SJ/IZ
Sample : H1623-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-29-022516

Quant Time: Mar 03 06:40:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration



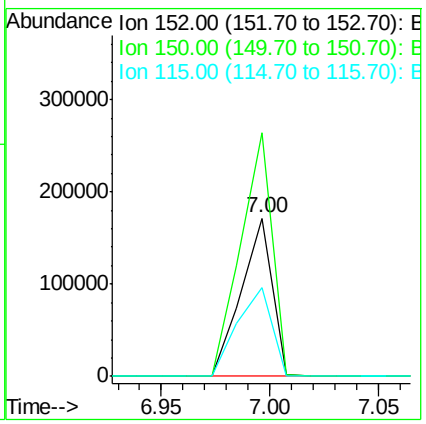


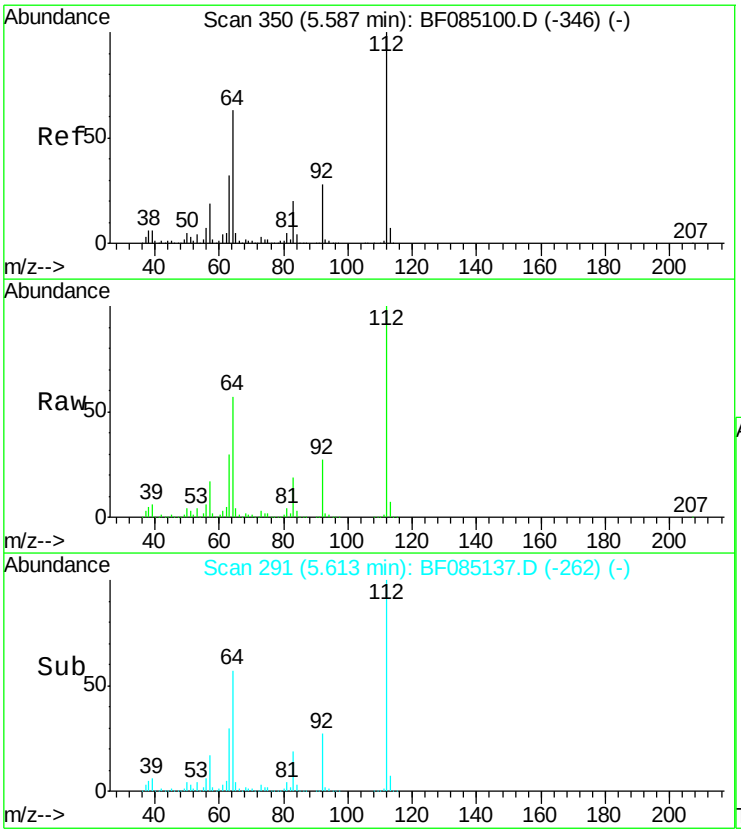
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:152 Resp: 169146

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.4	185.0
115	56.1	50.0	75.0

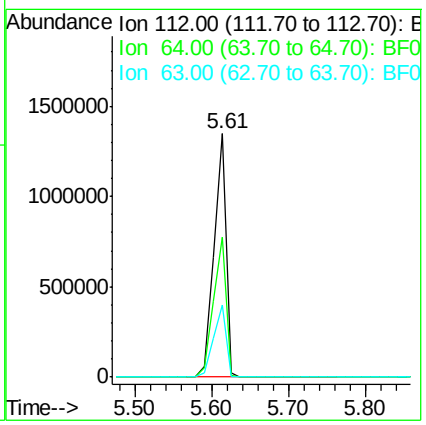


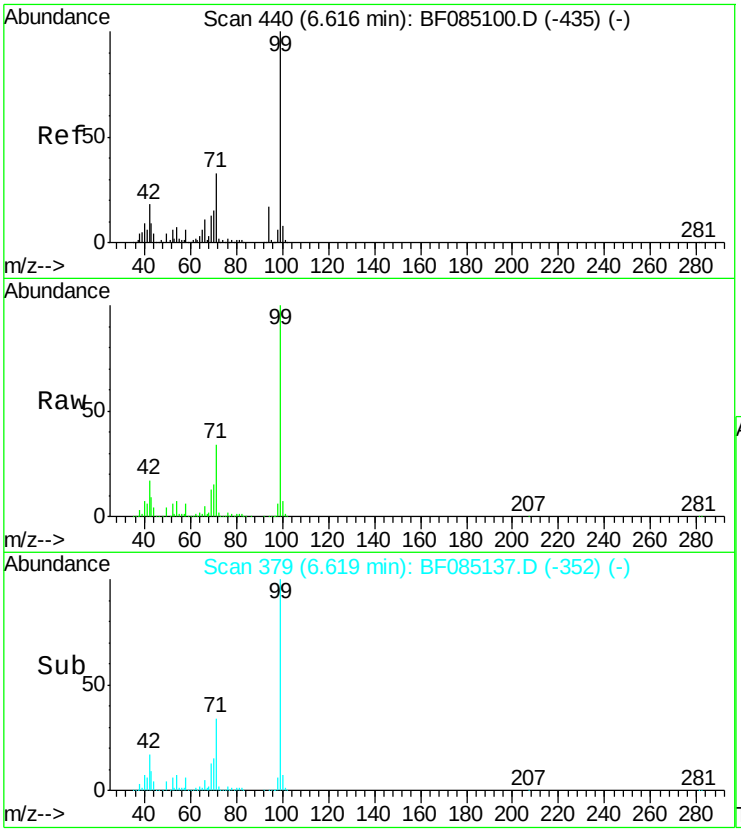


#5
2-Fluorophenol
Concen: 137.87 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:112 Resp: 1436460

Ion	Ratio	Lower	Upper
112	100		
64	57.4	50.6	76.0
63	29.5	25.5	38.3



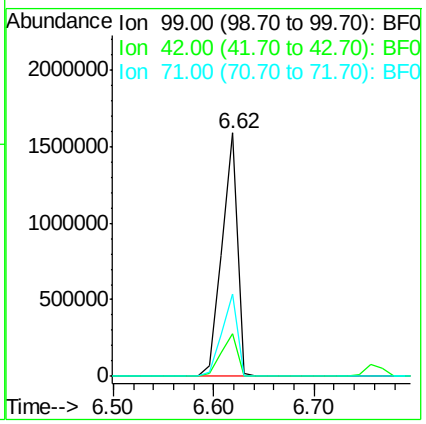


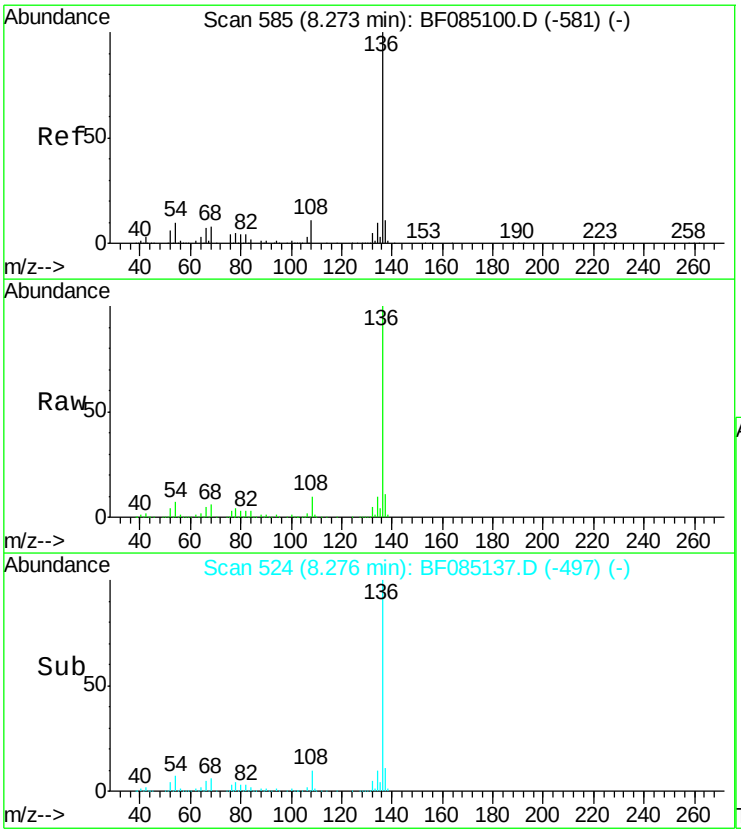
#7
Phenol-d6
Concen: 123.88 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion: 99 Resp: 1692081

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	33.9	26.8	40.2

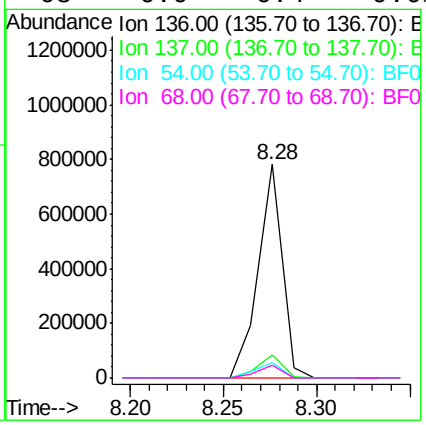


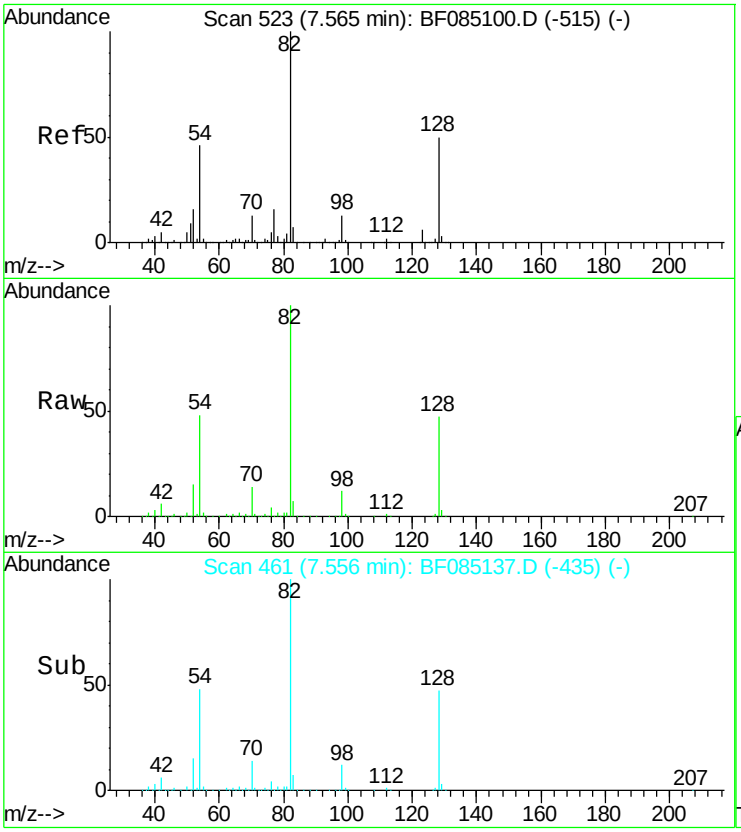


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:136 Resp: 695464

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	8.5	12.7#
68	6.0	6.4	9.6#



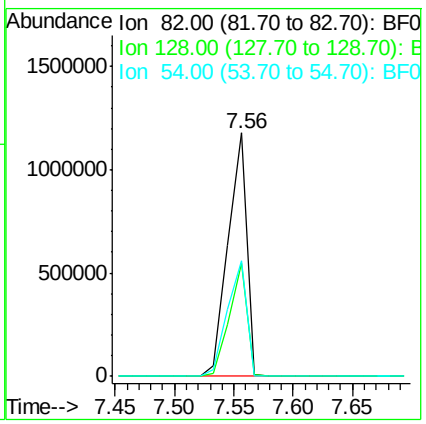


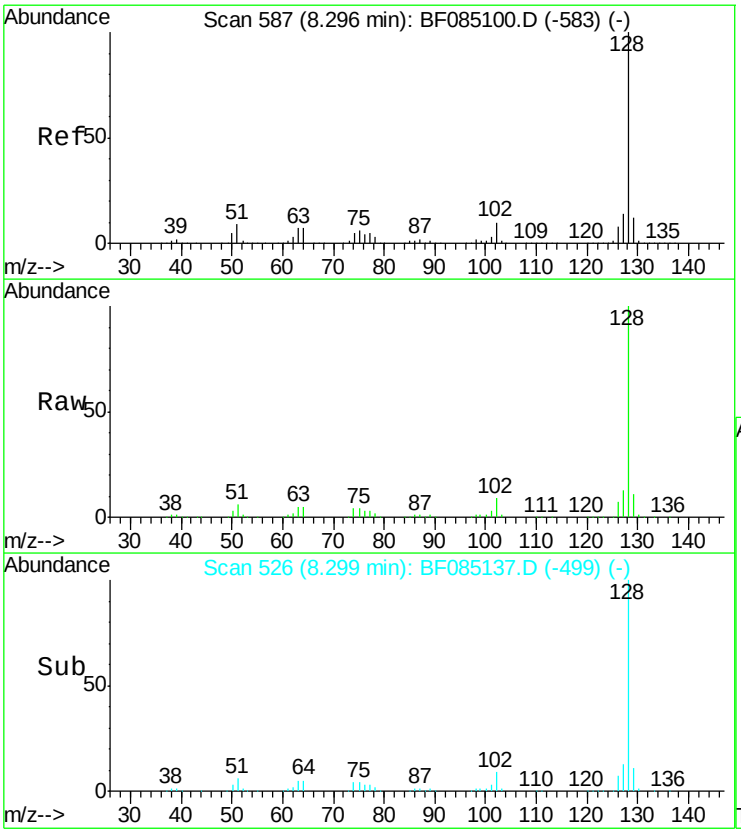
#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion: 82 Resp: 1288380

Ion	Ratio	Lower	Upper
82	100		
128	46.7	39.8	59.6
54	47.5	36.6	54.8

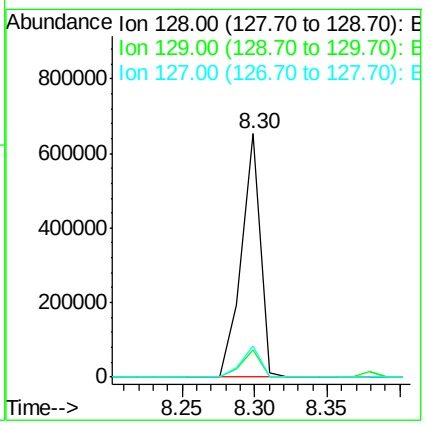


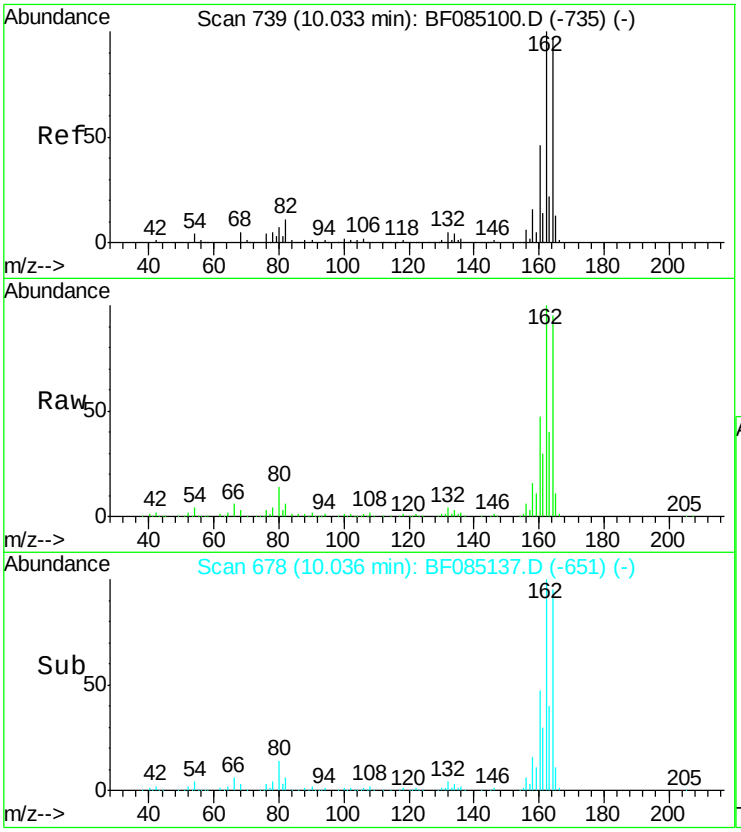


#31
Naphthalene
Concen: 16.76 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:128 Resp: 589562

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	12.9	11.1	16.7



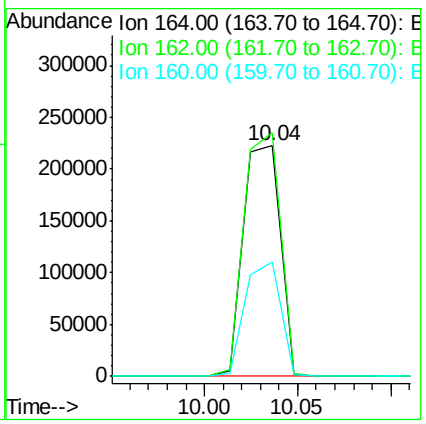


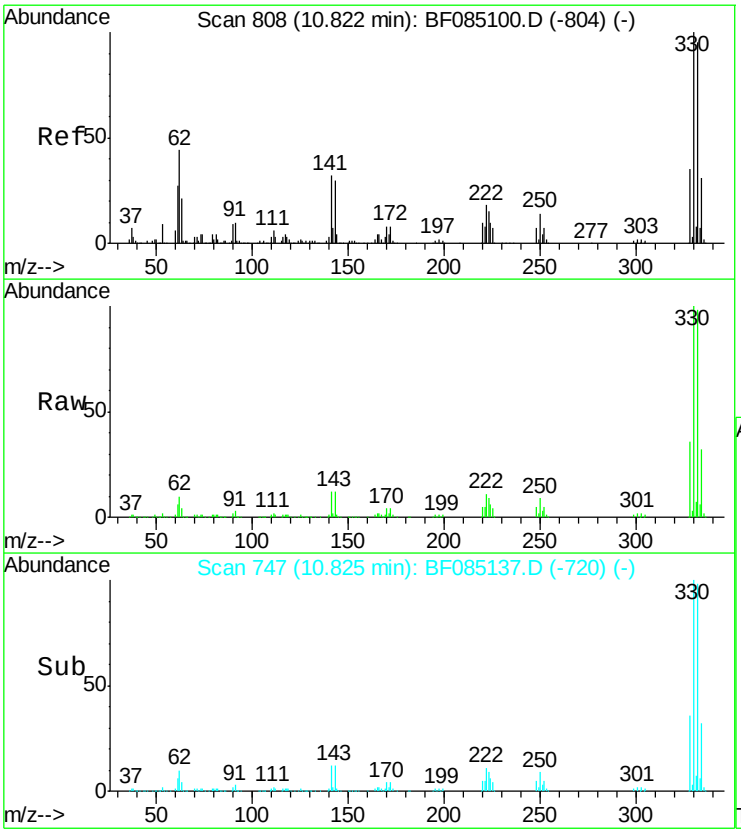
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:164 Resp: 306665

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	49.8	38.2	57.2

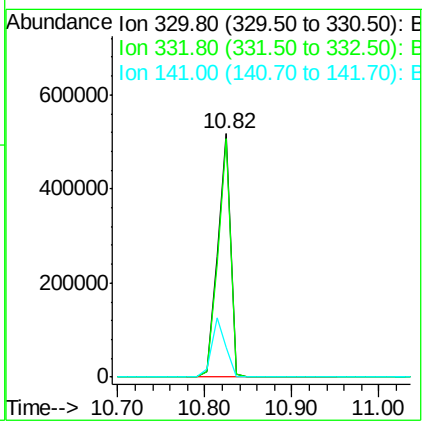


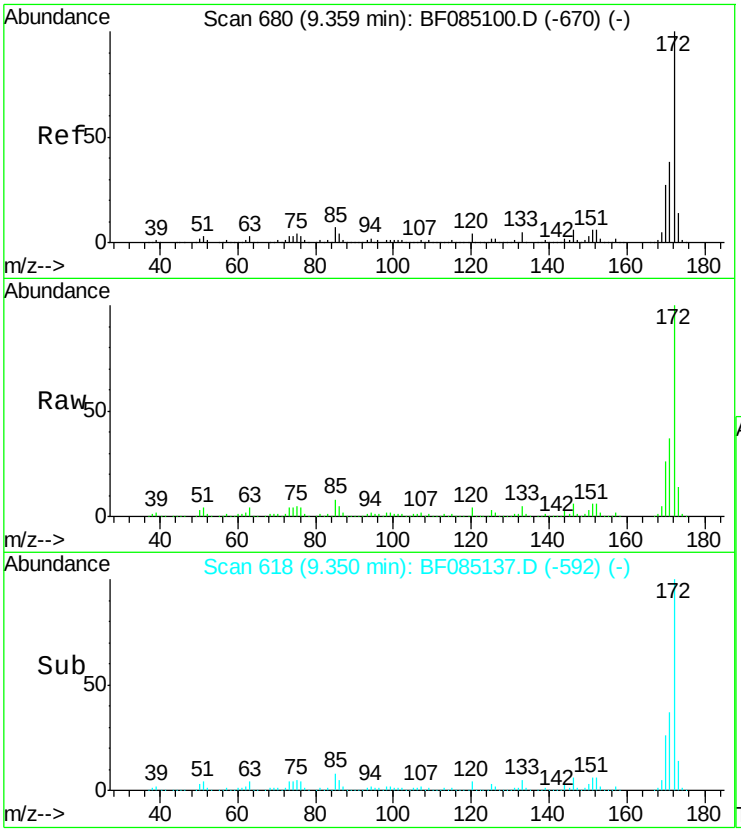


#41
2,4,6-Tribromophenol
Concen: 177.45 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:330 Resp: 546852

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	26.3	28.9	43.3#



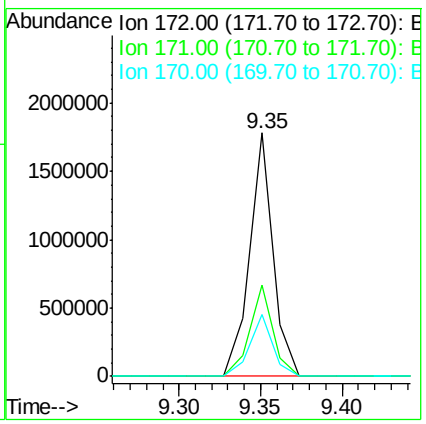


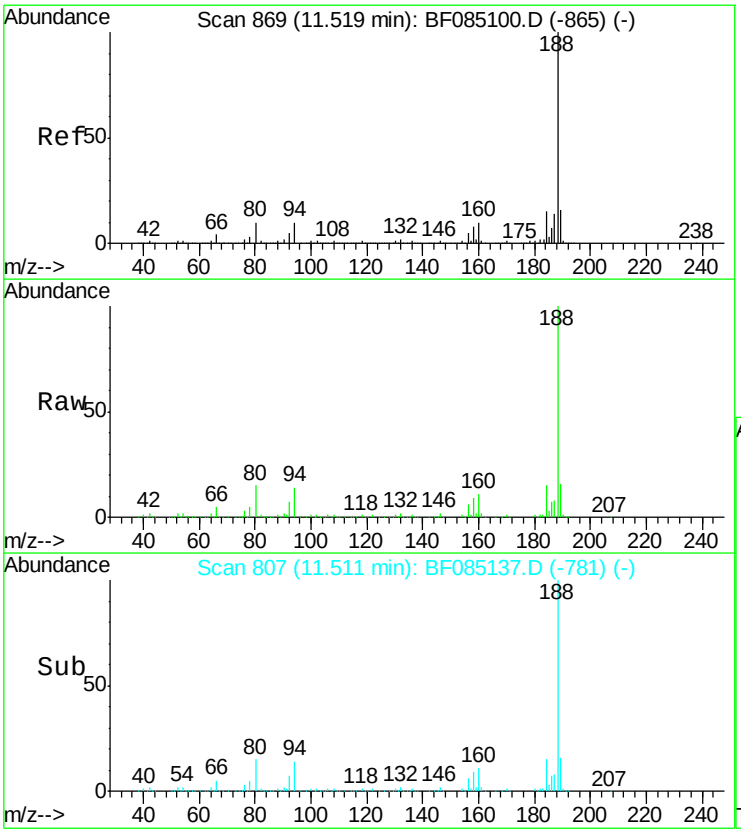
#44
2-Fluorobiphenyl
Concen: 85.52 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:172 Resp: 1780779

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	25.5	21.2	31.8

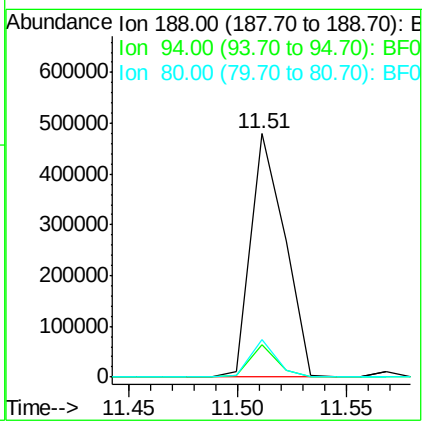


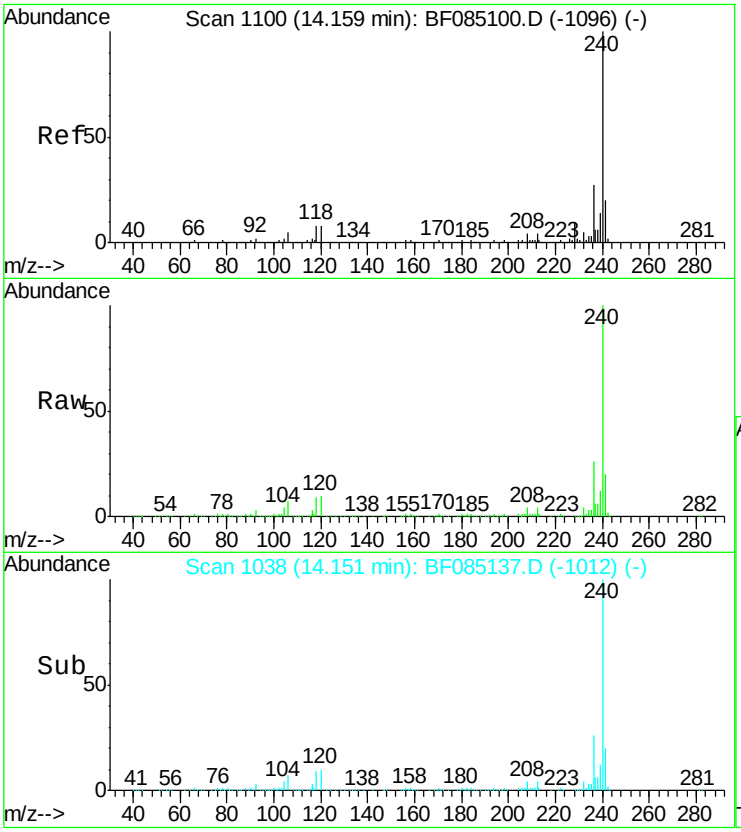


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:188 Resp: 523837

Ion	Ratio	Lower	Upper
188	100		
94	13.6	7.8	11.6#
80	15.5	8.2	12.4#



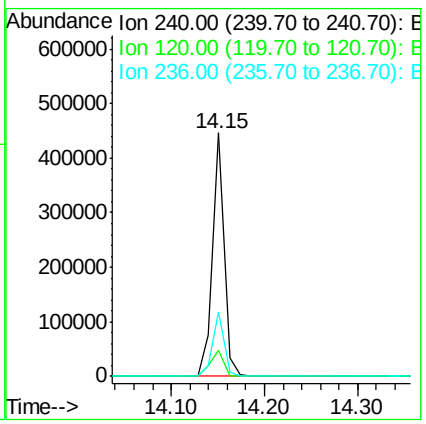


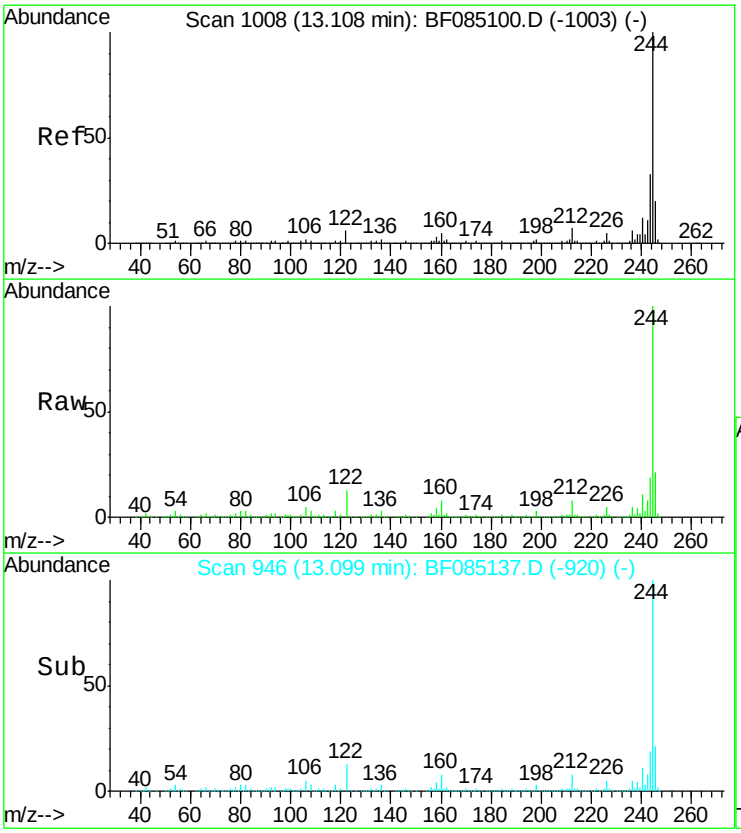
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:240 Resp: 386785

Ion	Ratio	Lower	Upper
240	100		
120	10.5	6.7	10.1#
236	26.3	21.6	32.4

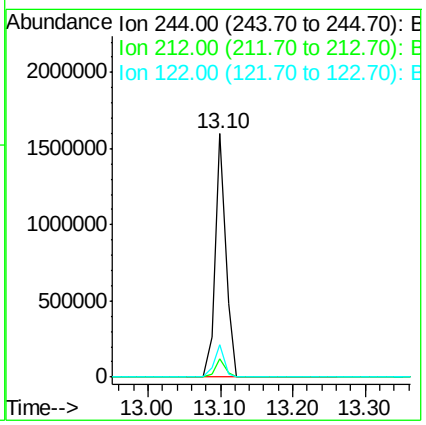


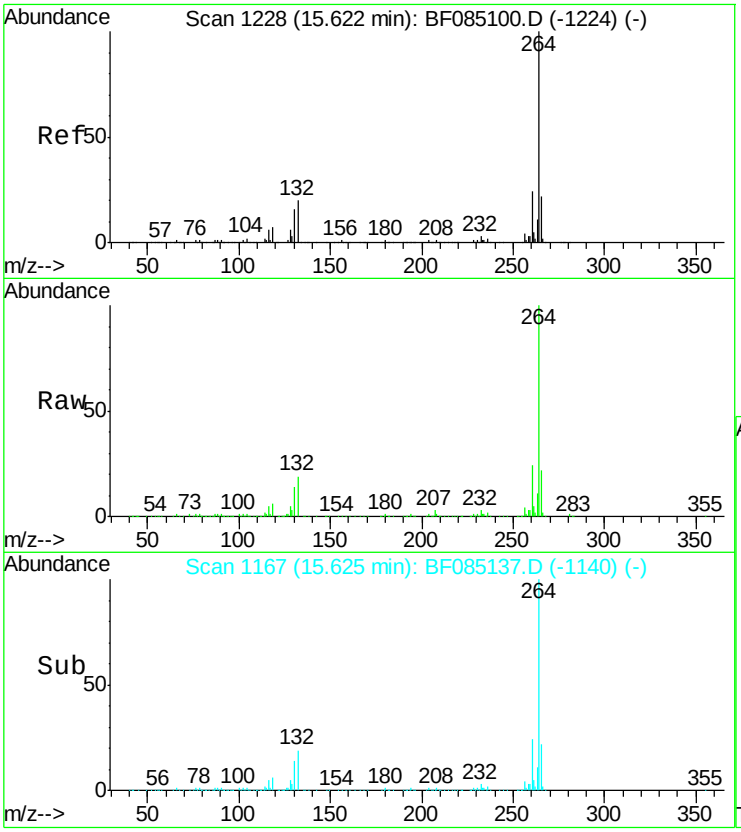


#78
Terphenyl-d14
Concen: 98.27 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:244 Resp: 1620245

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.4	5.1	7.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:264 Resp: 397468

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.6	17.4	26.2