Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084394.D
Acq On : 11 Jan 2016 22:26
Operator : SJ/UM
Sample : H1074-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-10-010516

Quant Time: Jan 12 05:11:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	374556	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1495098	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	661921	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1068614	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	677206	20.00	ng	-0.06
86) Perylene-d12	15.44	264	584295	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2764956	119.40	ng	-0.01
7) Phenol-d6	6.50	99	2969829	102.11	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2511470	93.49	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	767658	114.87	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3197078	84.96	ng	-0.04
78) Terphenyl-d14	12.97	244	2605120	85.87	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.17	128	1332240	19.64	ng	98
32) Benzoic acid	7.88	122	18516	7.25	ng	93
37) 2-Methylnaphthalene	8.85	142	144249	2.96	ng	96

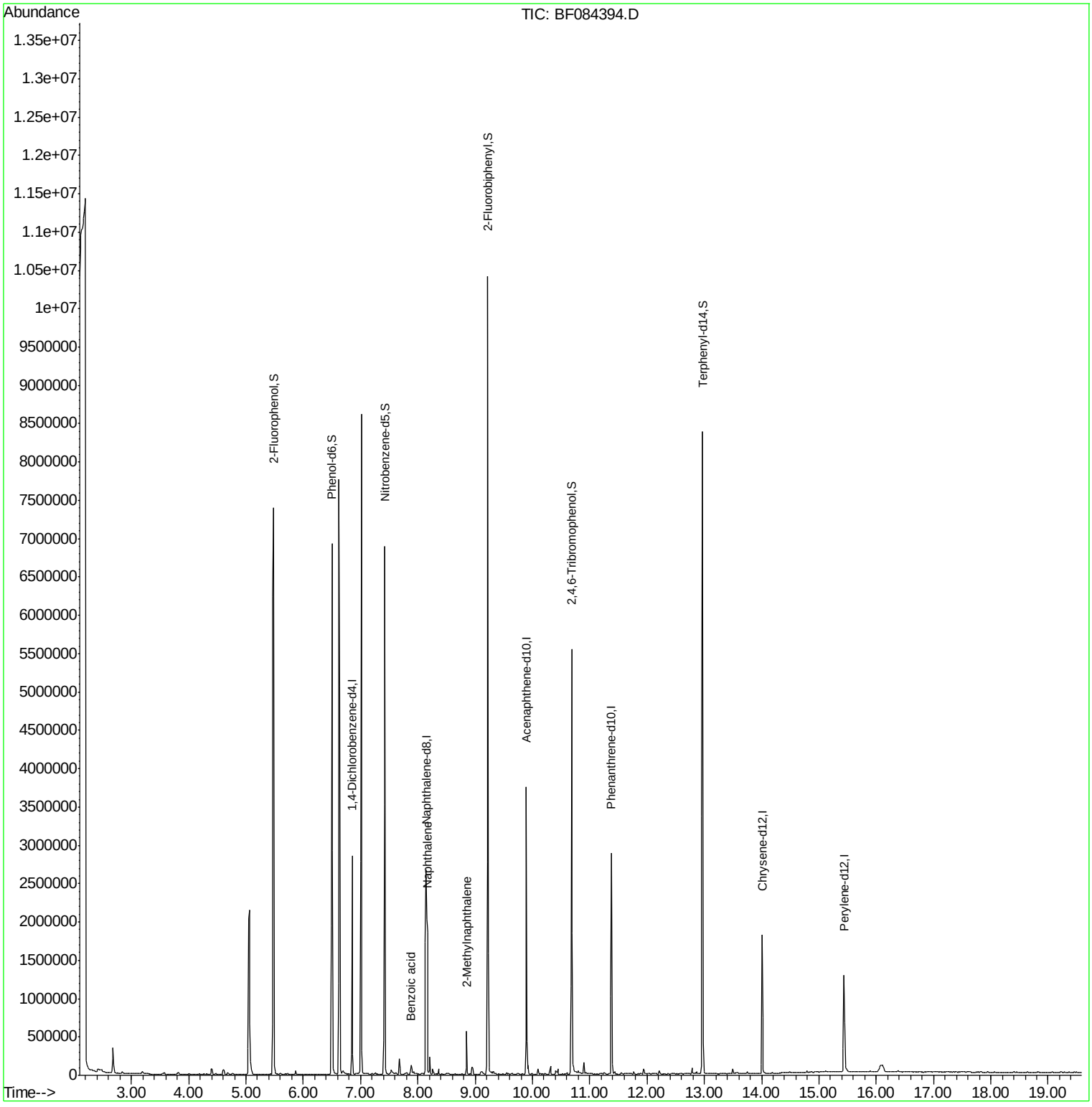
(#) = qualifier out of range (m) = manual integration (+) = signals summed

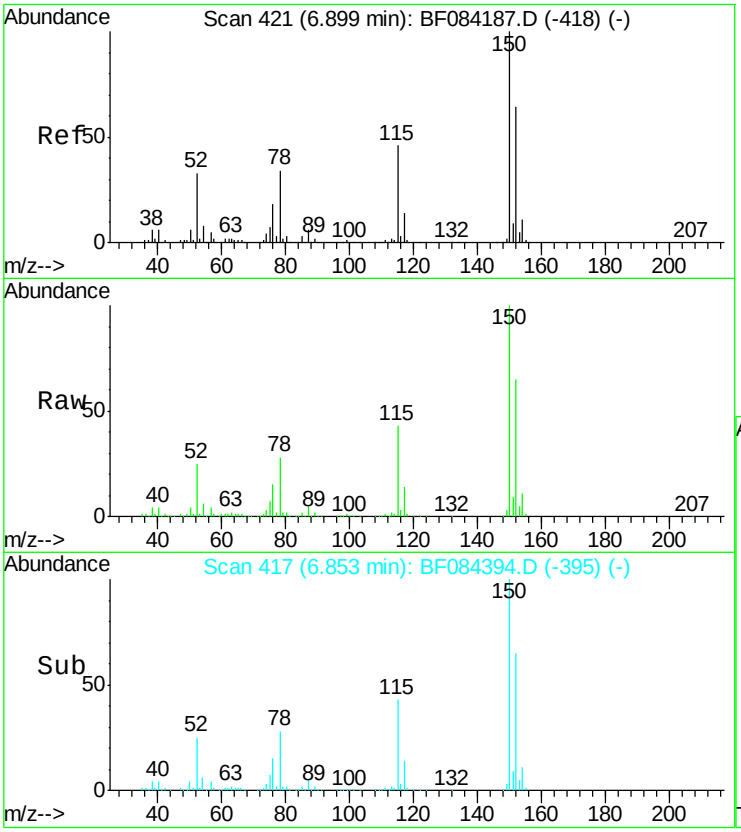
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084394.D
Acq On : 11 Jan 2016 22:26
Operator : SJ/UM
Sample : H1074-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Quant Time: Jan 12 05:11:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



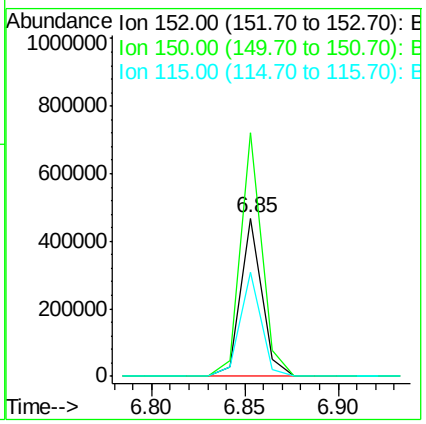


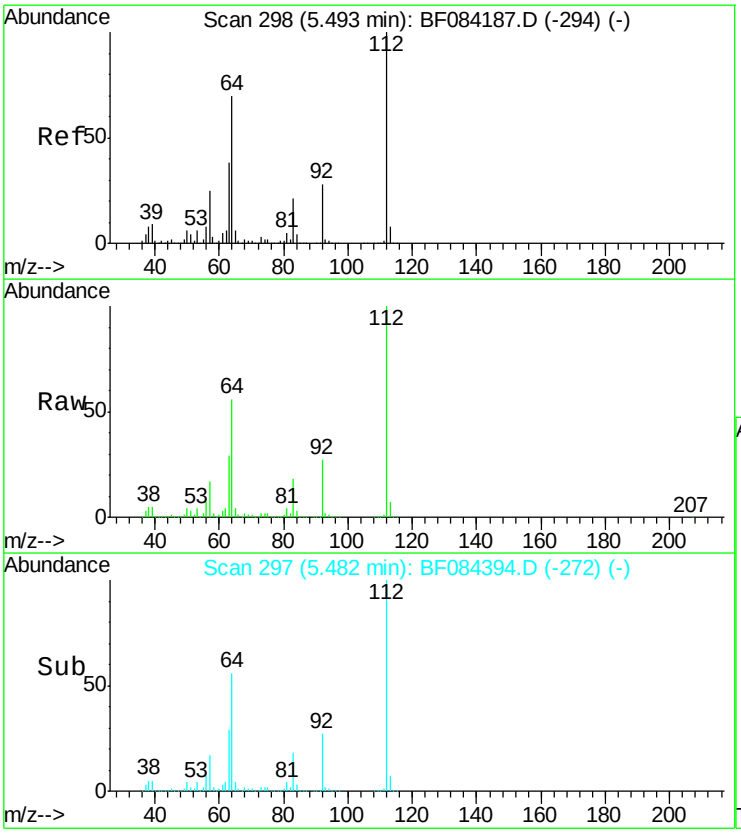
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:152 Resp: 374556

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.0	184.4
115	66.2	51.4	77.2

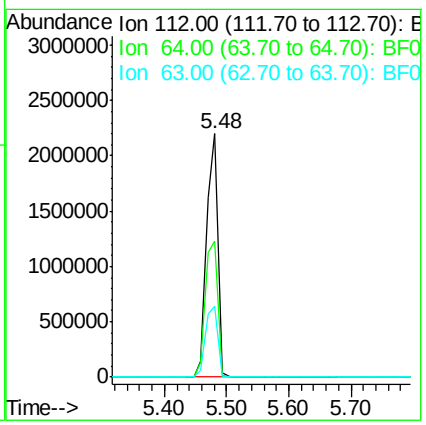


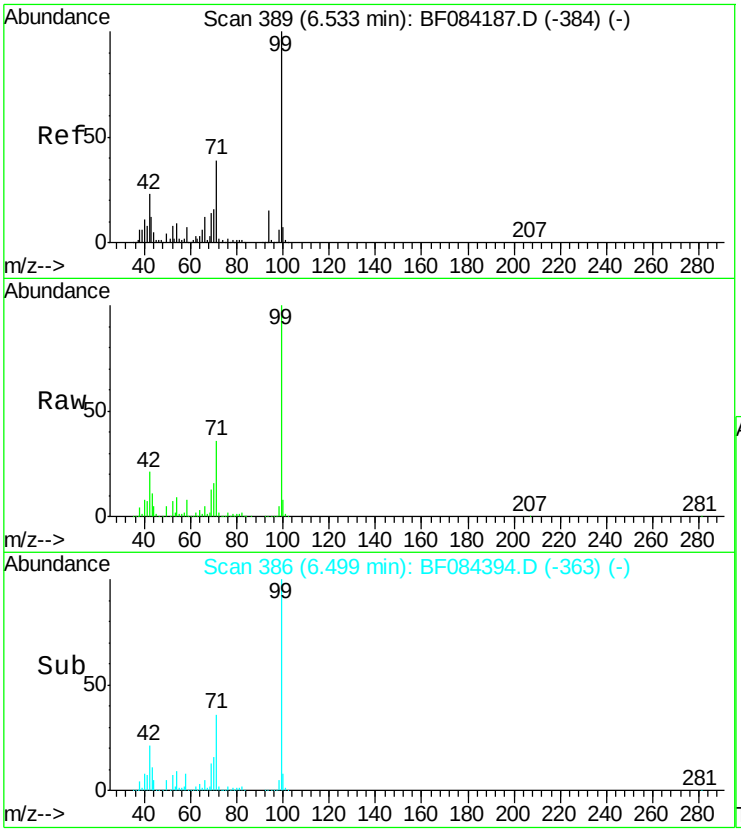


#5
2-Fluorophenol
Concen: 119.40 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:112 Resp: 2764956

Ion	Ratio	Lower	Upper
112	100		
64	56.1	36.6	55.0#
63	28.8	19.4	29.0



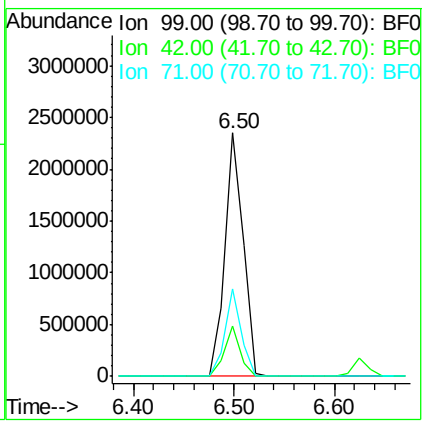


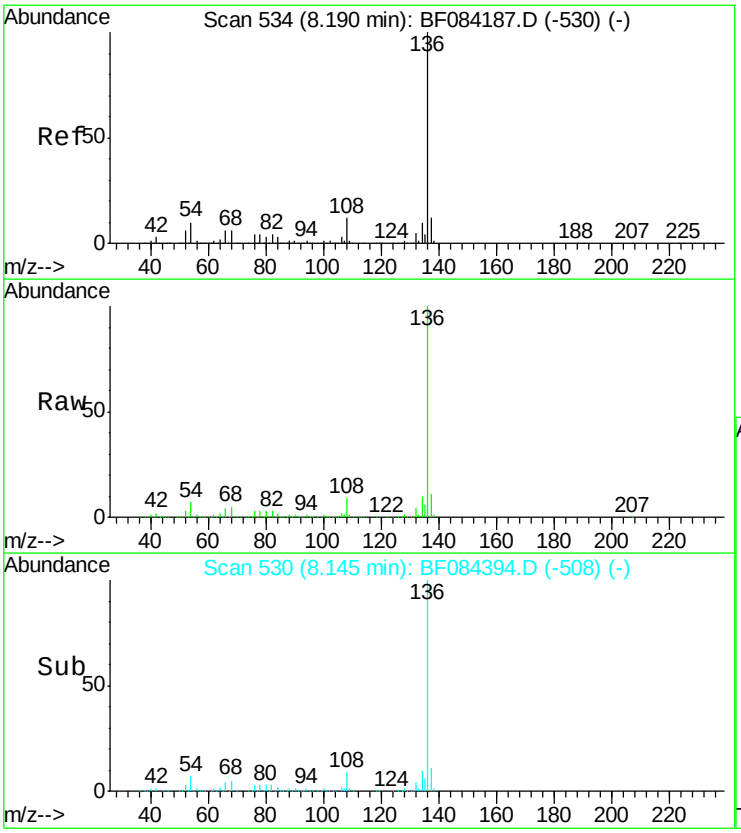
#7
Phenol-d6
Concen: 102.11 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion: 99 Resp: 2969829

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	36.0	30.9	46.3

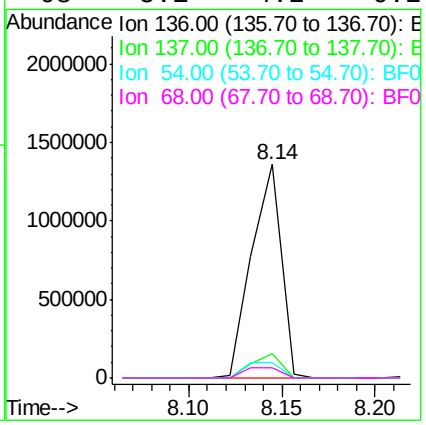


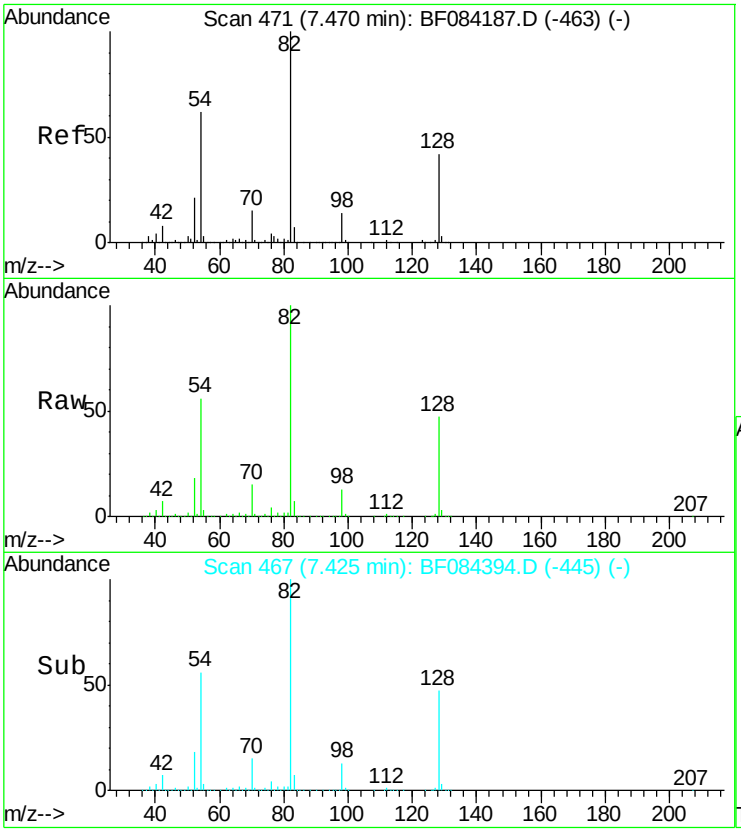


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:136 Resp: 1495098

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.8	8.8
68	5.1	4.2	6.2



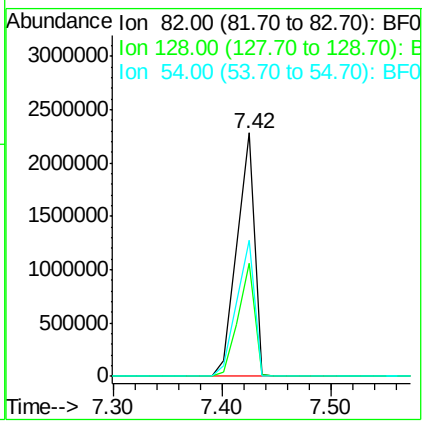


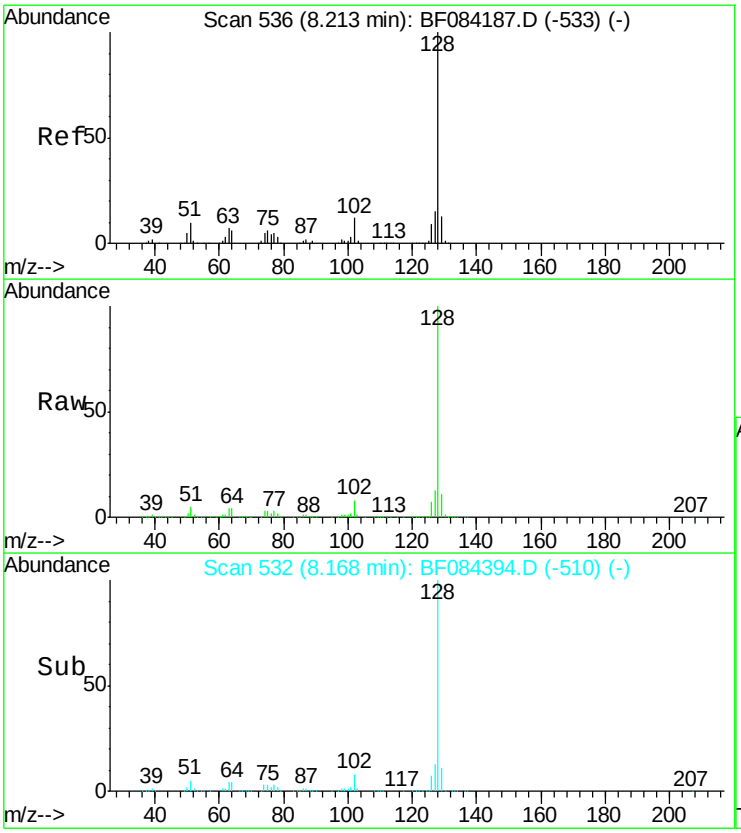
#23
Nitrobenzene-d5
Concen: 93.49 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion: 82 Resp: 2511470

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	51.8
54	55.8	38.4	57.6

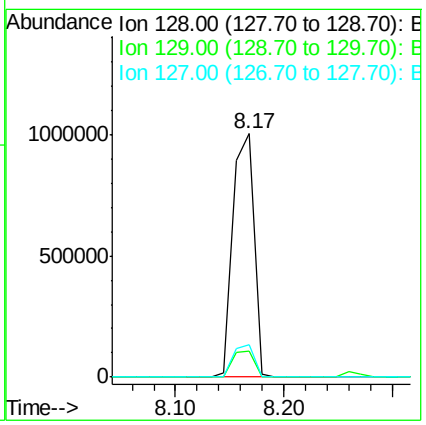


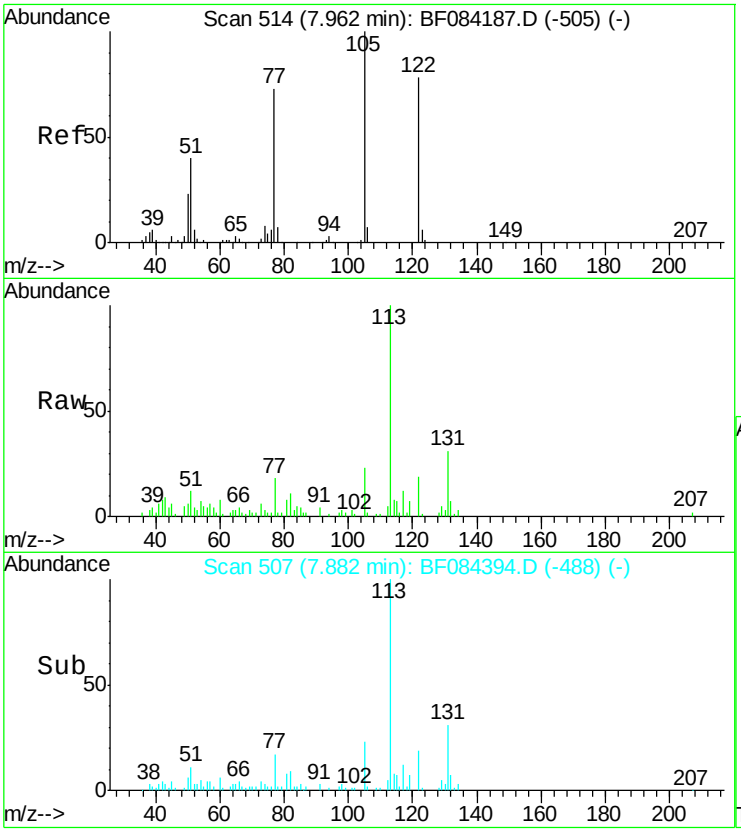


#31
Naphthalene
Concen: 19.64 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:128 Resp: 1332240

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.2	11.1	16.7



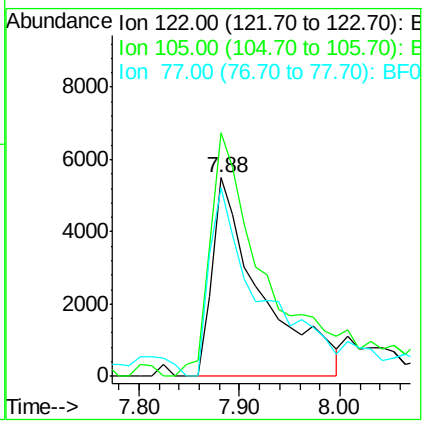


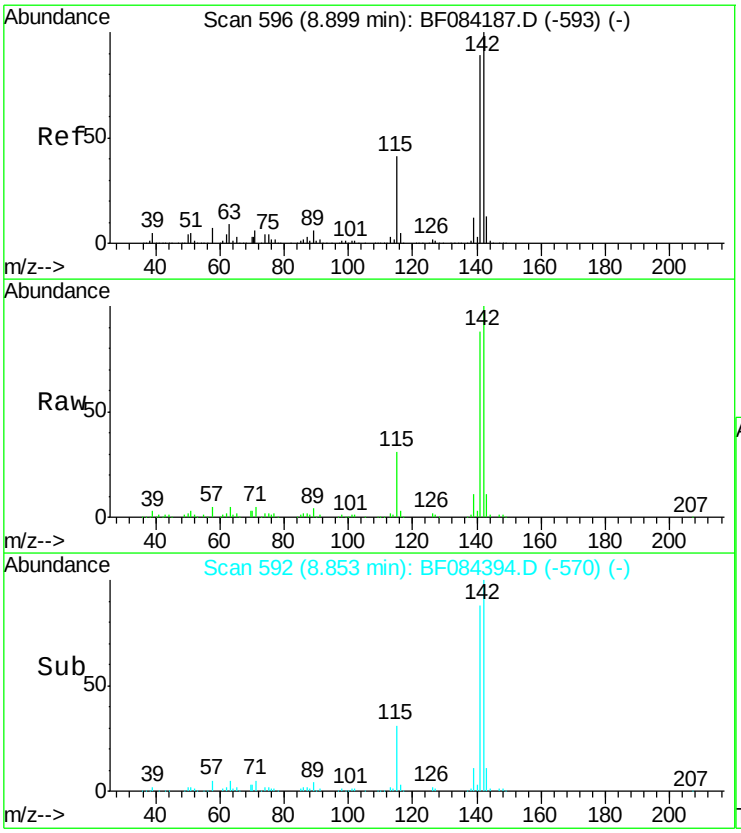
#32
Benzoic acid
Concen: 7.25 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:122 Resp: 18516

Ion	Ratio	Lower	Upper
122	100		
105	122.7	100.3	140.3
77	95.1	63.5	103.5

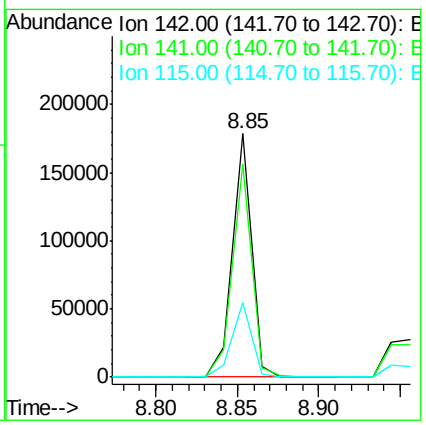


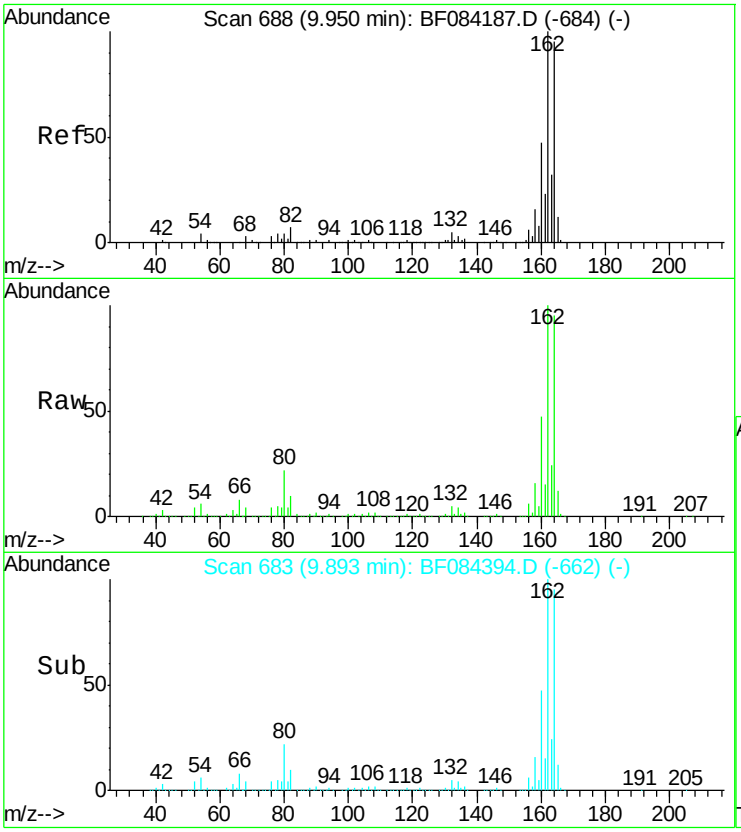


#37
2-Methylnaphthalene
Concen: 2.96 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:142 Resp: 144249

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.4	108.6
115	30.8	27.9	41.9



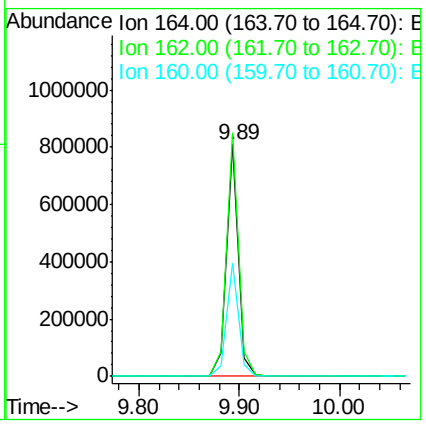


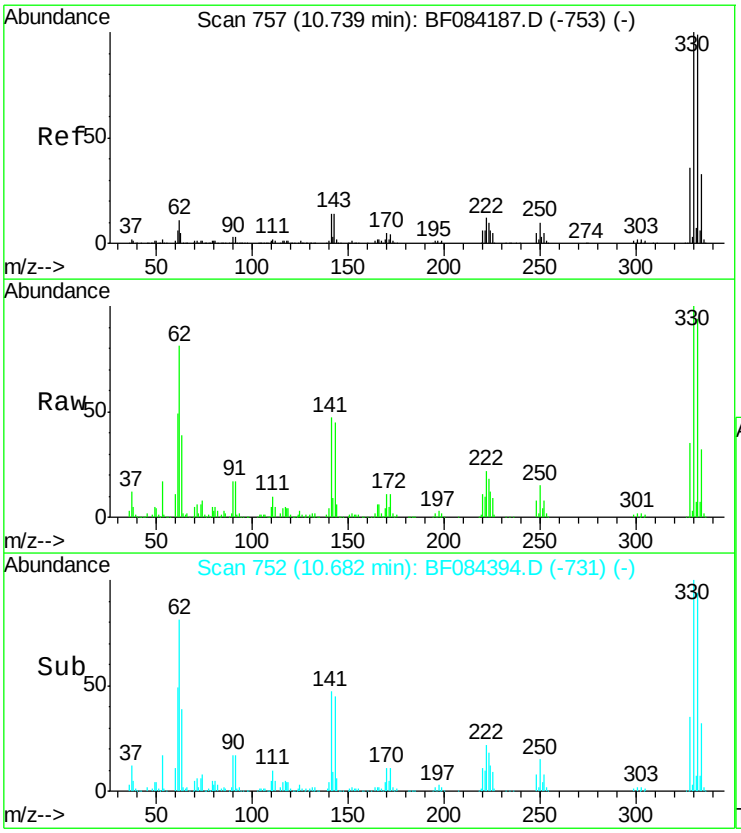
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:164 Resp: 661921

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	48.9	37.5	56.3

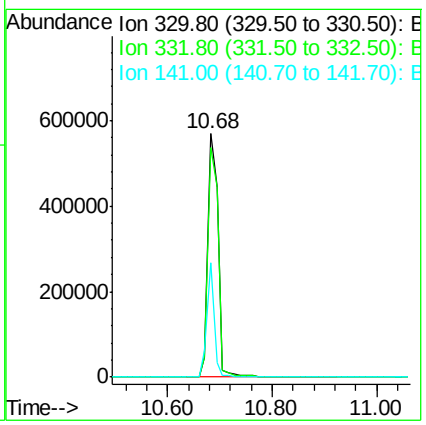


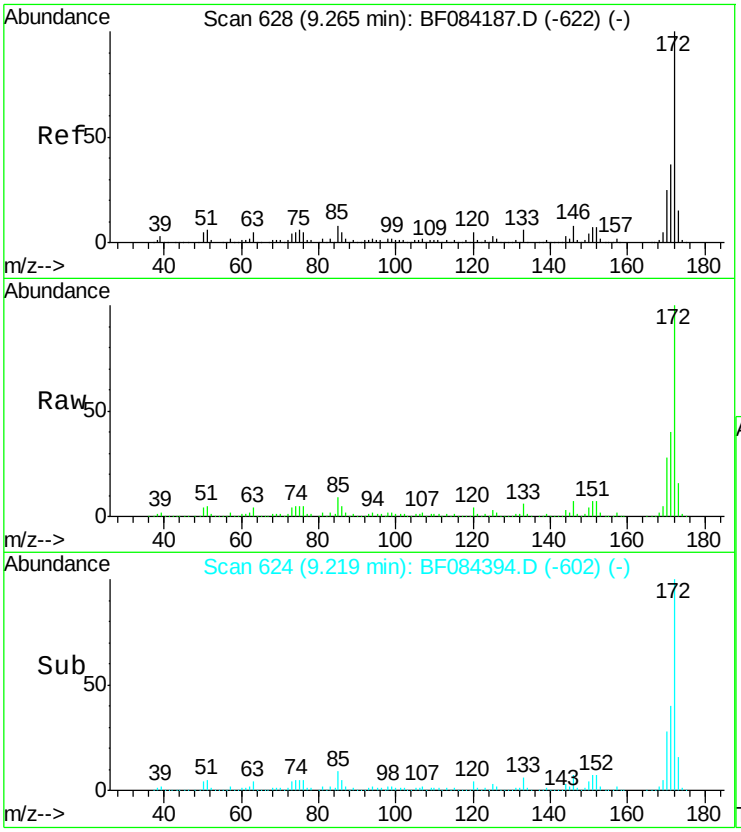


#41
2,4,6-Tribromophenol
Concen: 114.87 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:330 Resp: 767658

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.0	27.8	41.6



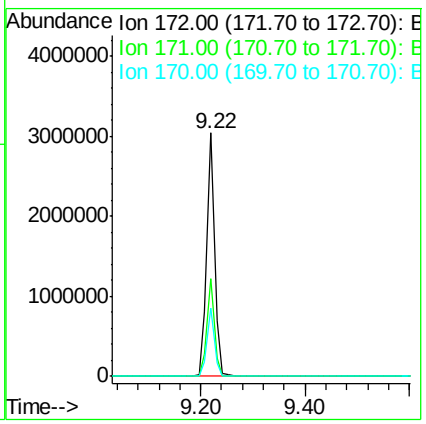


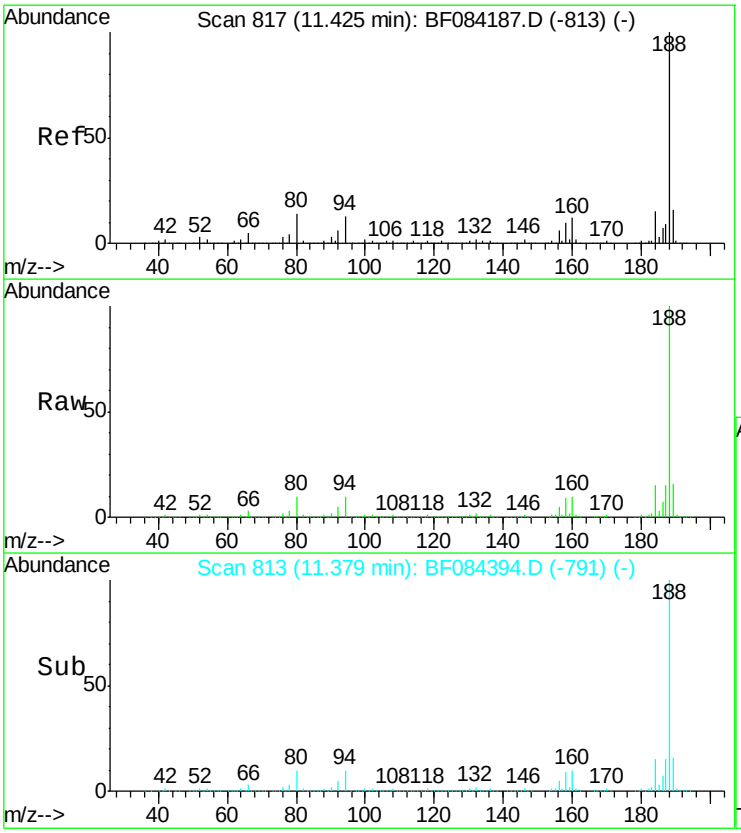
#44
2-Fluorobiphenyl
Concen: 84.96 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:172 Resp: 3197078

Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.9	43.3
170	27.8	18.6	27.8

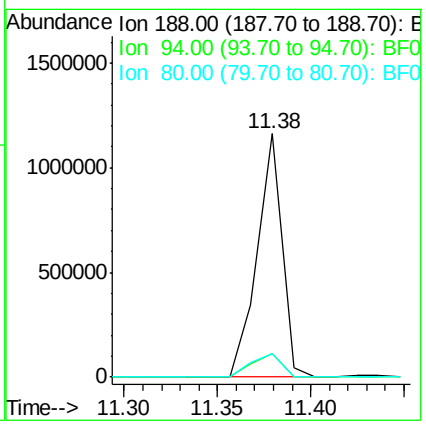


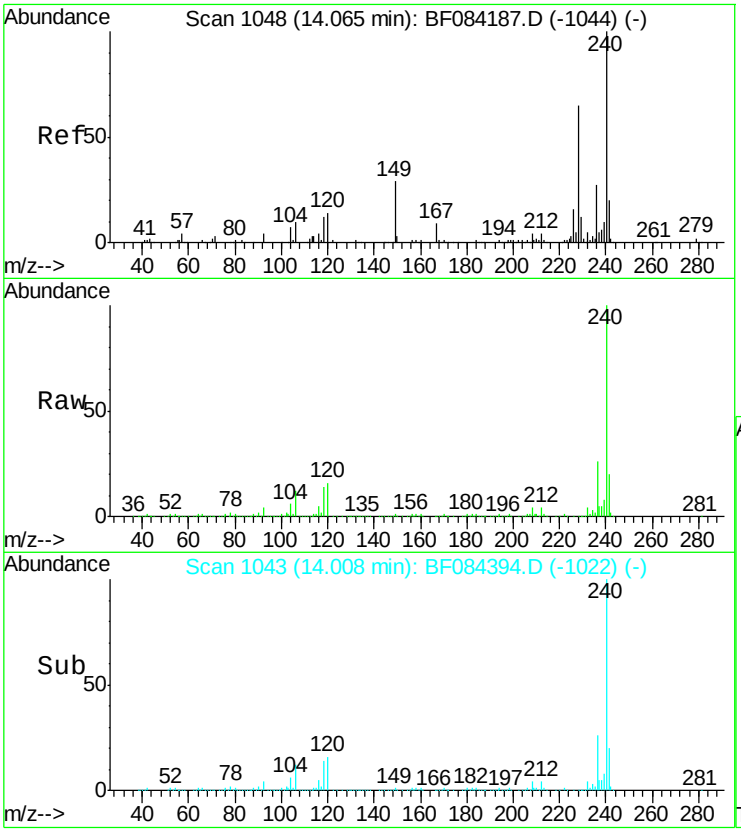


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:188 Resp: 1068614

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.6	9.6	14.4



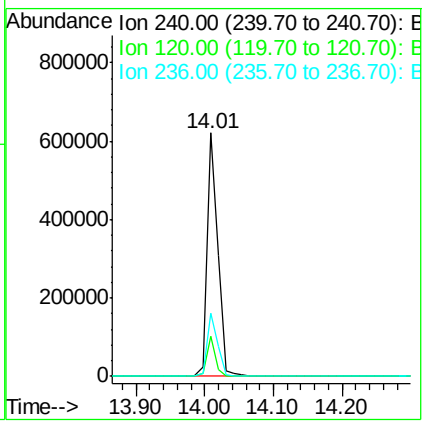


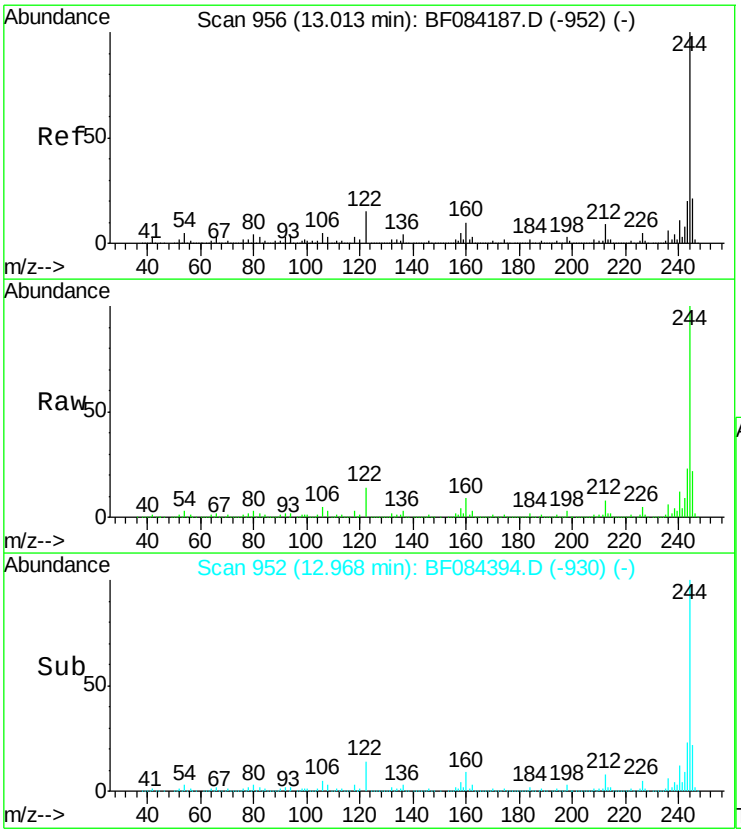
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:240 Resp: 677206

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	25.7	20.6	31.0

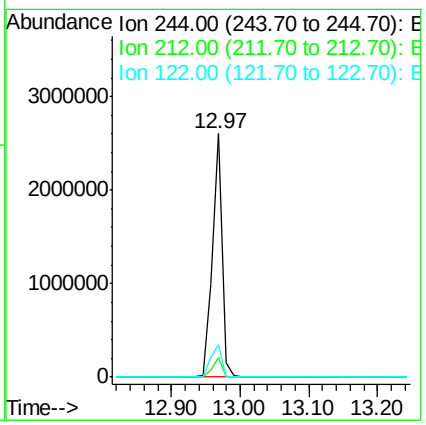


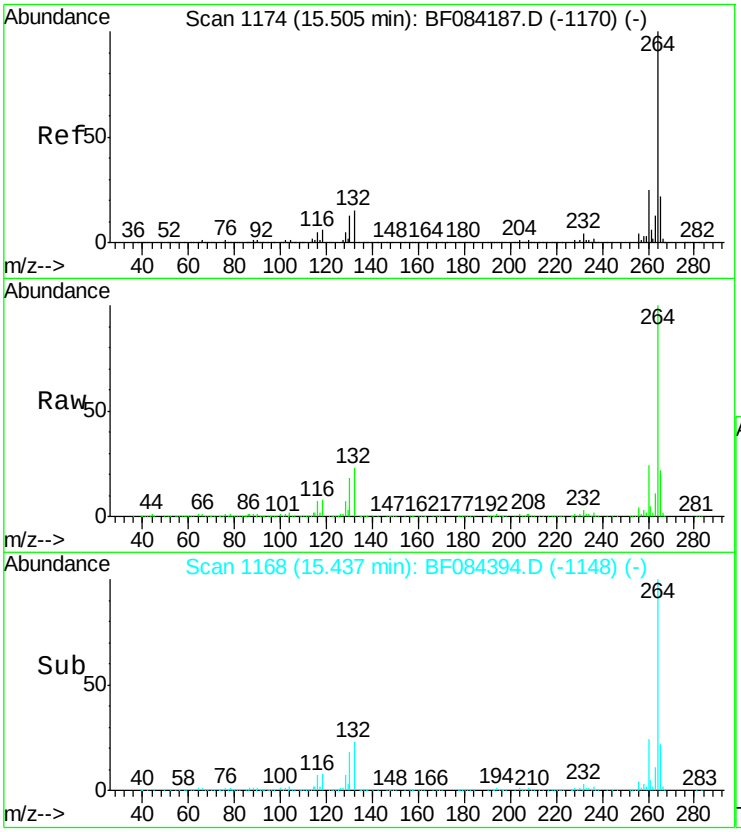


#78
Terphenyl-d14
Concen: 85.87 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Tgt Ion:244 Resp: 2605120

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.5	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084394.D
Acq: 11 Jan 2016 22:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-10-010516

Tgt Ion:264 Resp: 584295

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.8	26.6