Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084398.D
Acq On : 12 Jan 2016 00:27
Operator : SJ/UM
Sample : H1074-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-14-010516

Quant Time: Jan 12 06:06:54 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	374860	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1472201	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	667901	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1060483	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	682829	20.00	ng	-0.06
86) Perylene-d12	15.44	264	601051	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2748741	118.60	ng	-0.01
7) Phenol-d6	6.50	99	2985863	102.58	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2590818	97.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	819978	121.60	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3365317	88.93	ng	-0.04
78) Terphenyl-d14	12.97	244	2594071	84.80	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.16	128	186551	2.79	ng	98
32) Benzoic acid	7.92	122	3235	6.43	ng	91

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

Quantitation Report (LSC Reviewed)

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Operator : SJ/UM
Sample : H1074-05
Misc :
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Instrument :
BNA_F
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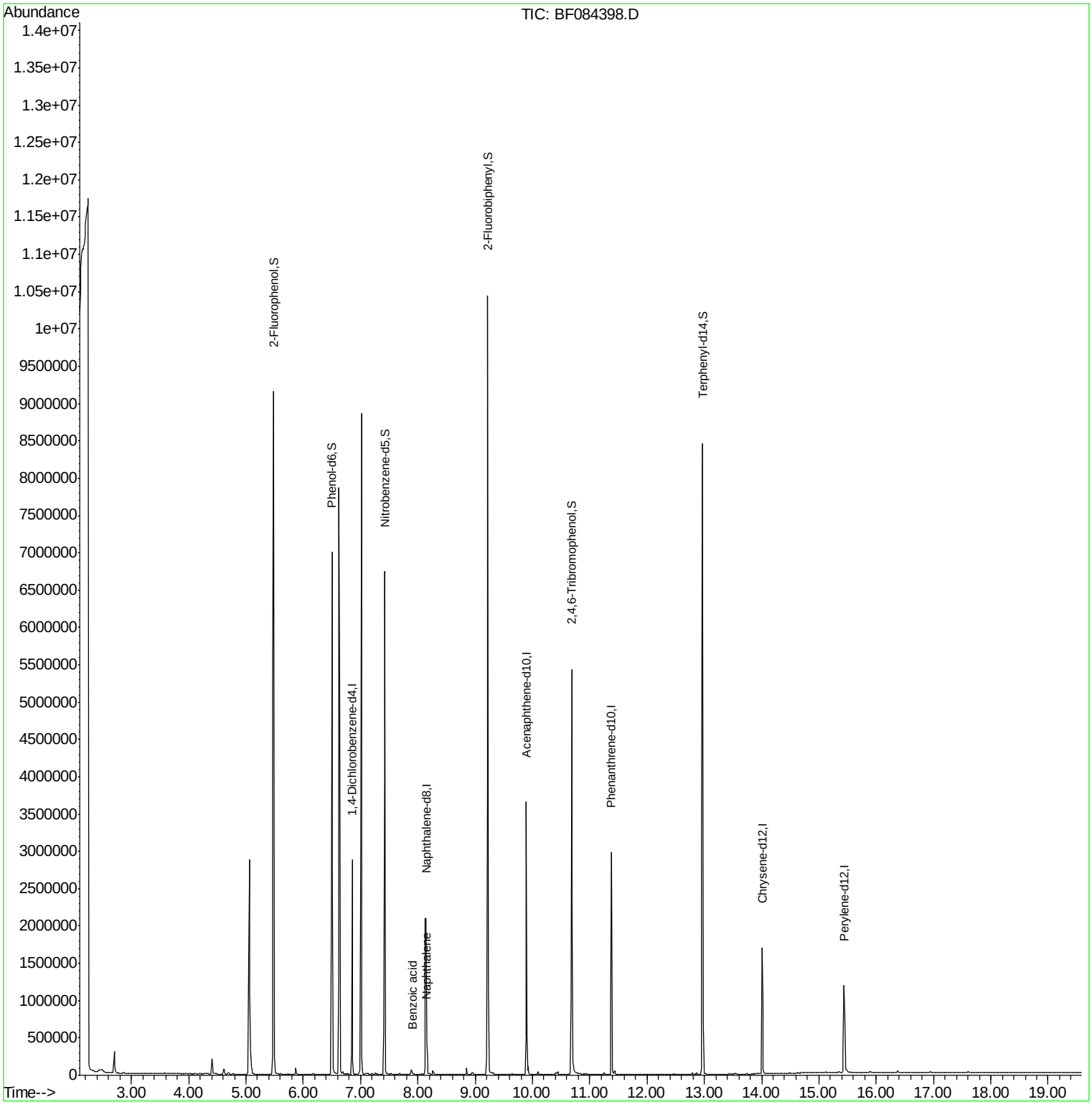
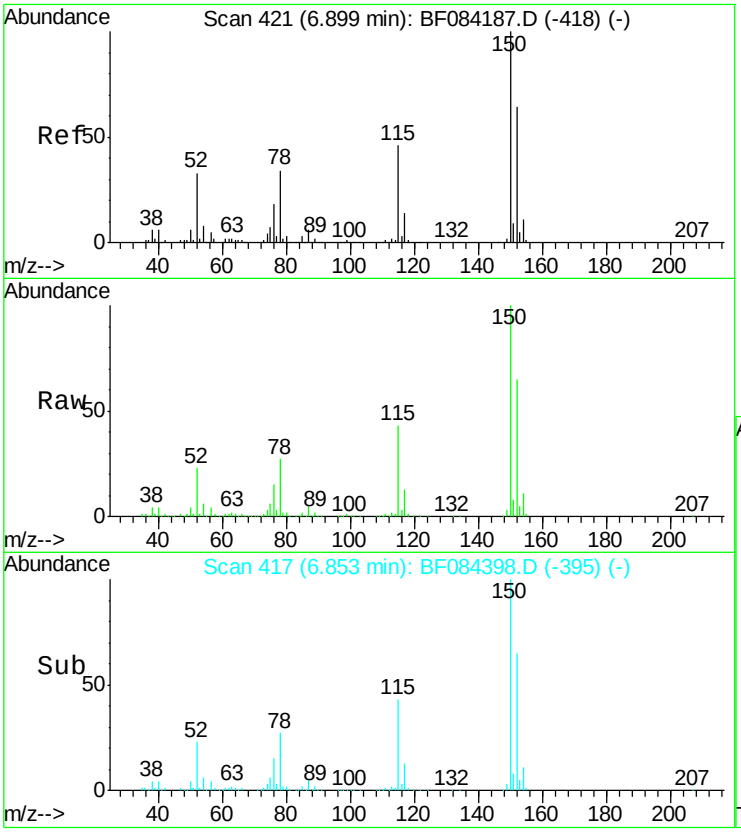
HSR-WC-14-010516

Quant Time: Jan 12 06:06:54 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



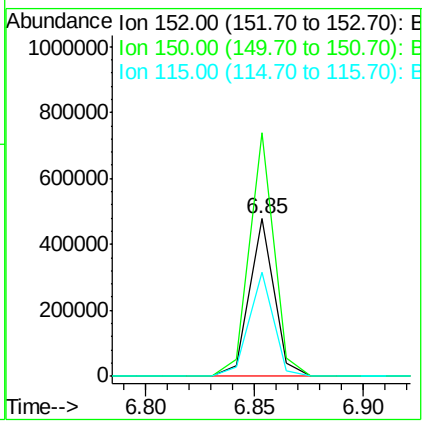


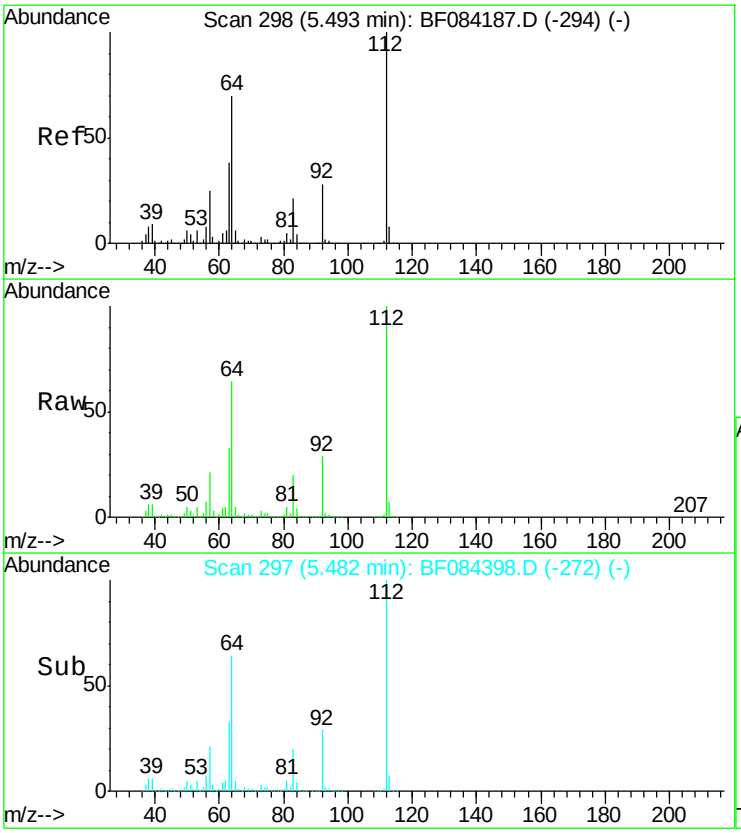
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:152 Resp: 374860

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.4
115	66.0	51.4	77.2

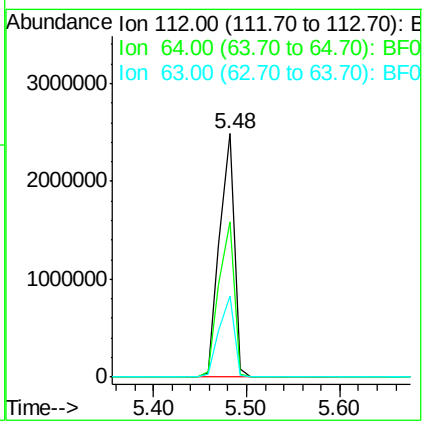


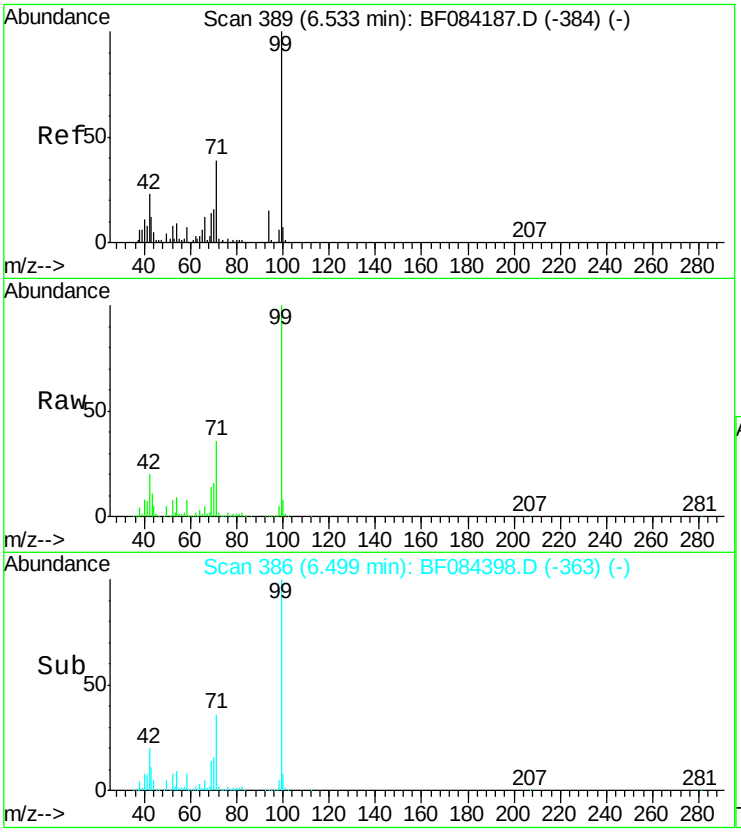


#5
2-Fluorophenol
Concen: 118.60 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:112 Resp: 2748741

Ion	Ratio	Lower	Upper
112	100		
64	63.7	36.6	55.0#
63	33.2	19.4	29.0#



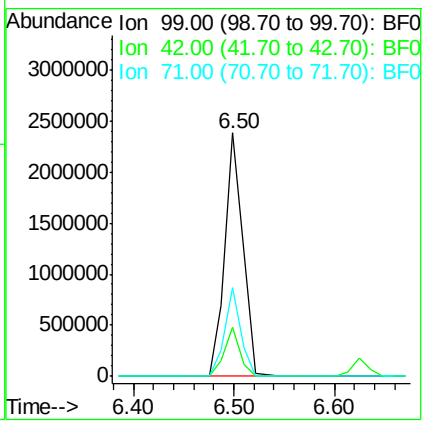


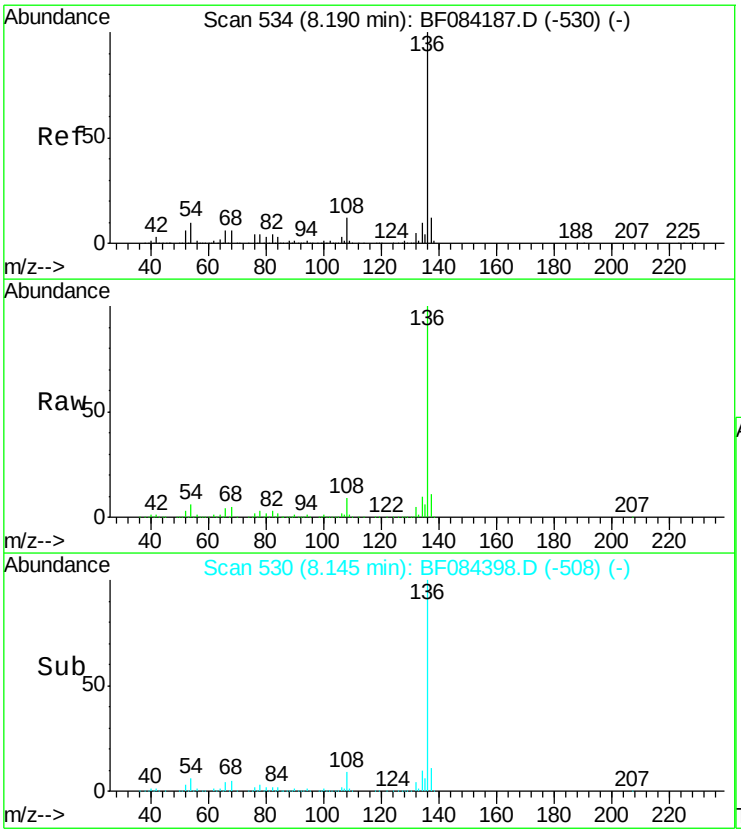
#7
Phenol-d6
Concen: 102.58 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion: 99 Resp: 2985863

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	36.2	30.9	46.3

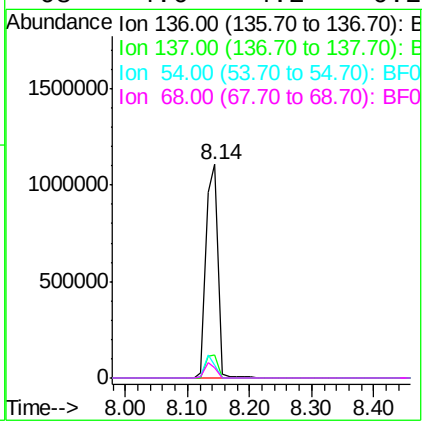


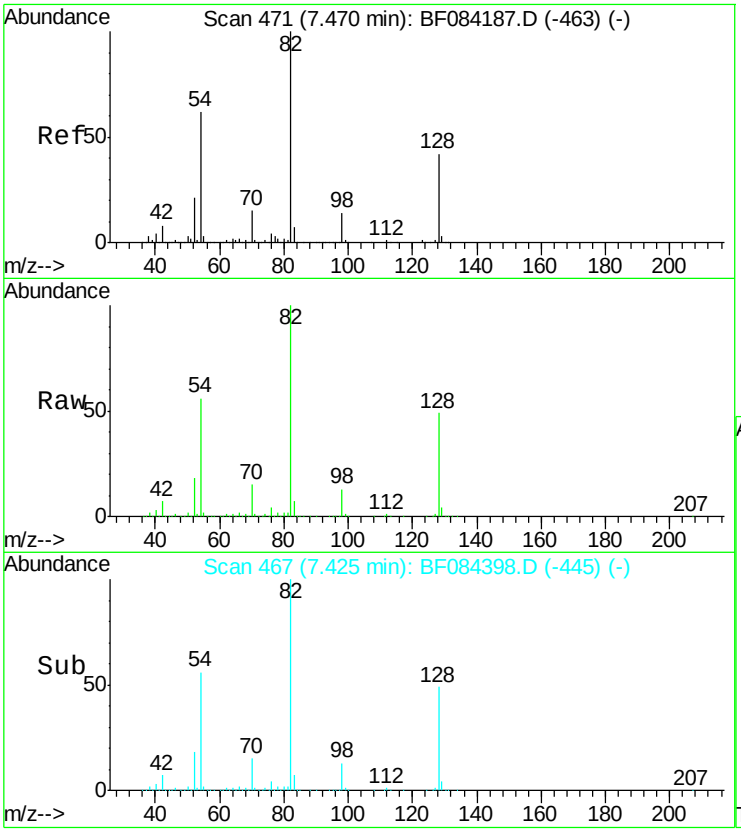


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:136 Resp: 1472201

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.2	5.8	8.8
68	4.6	4.2	6.2



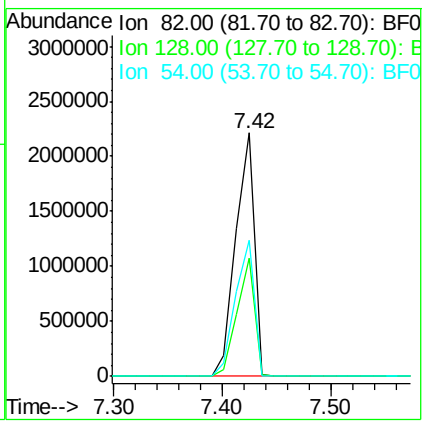


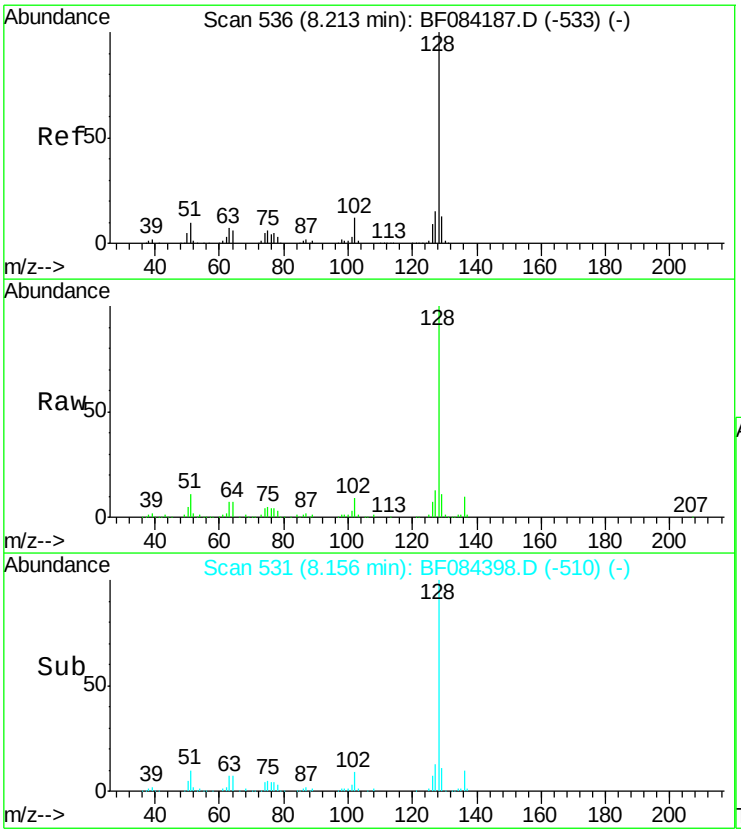
#23
Nitrobenzene-d5
Concen: 97.94 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion: 82 Resp: 2590818

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.6	51.8
54	55.6	38.4	57.6

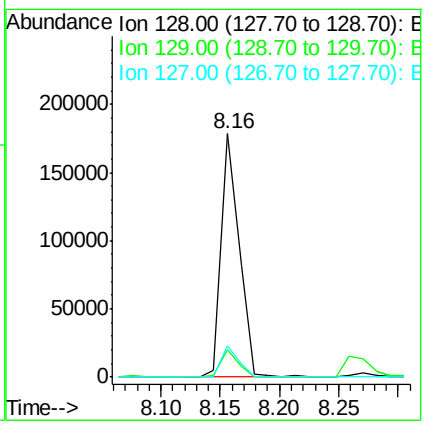


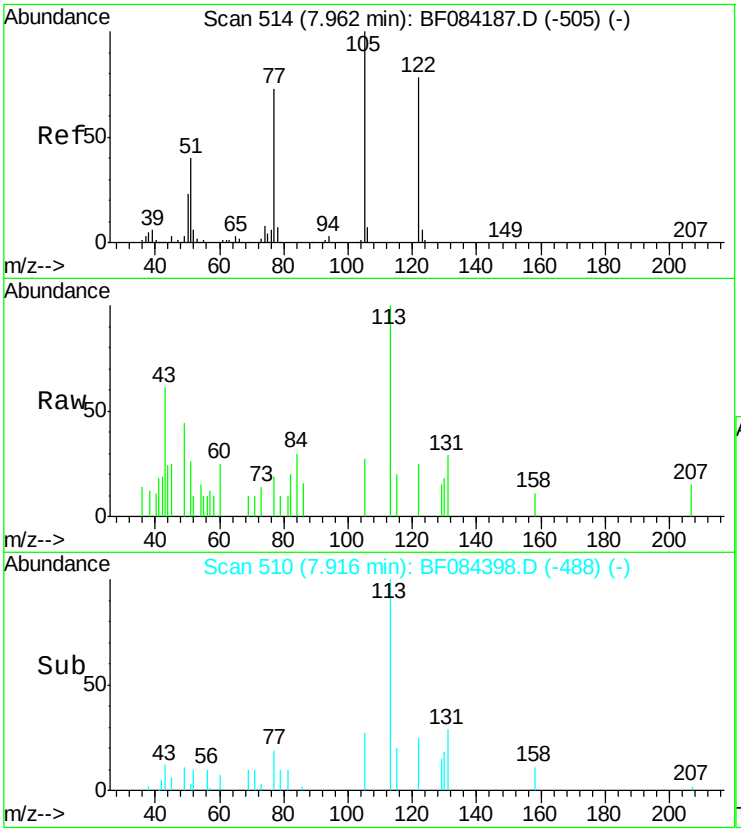


#31
Naphthalene
Concen: 2.79 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:128 Resp: 186551

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.7	11.1	16.7



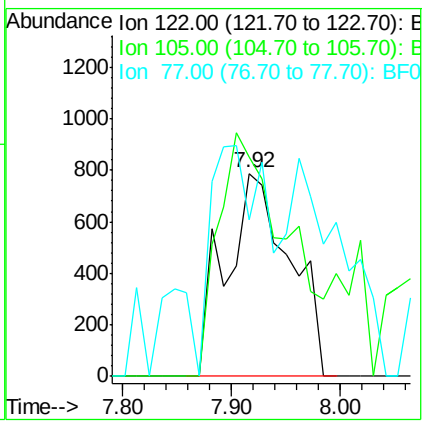


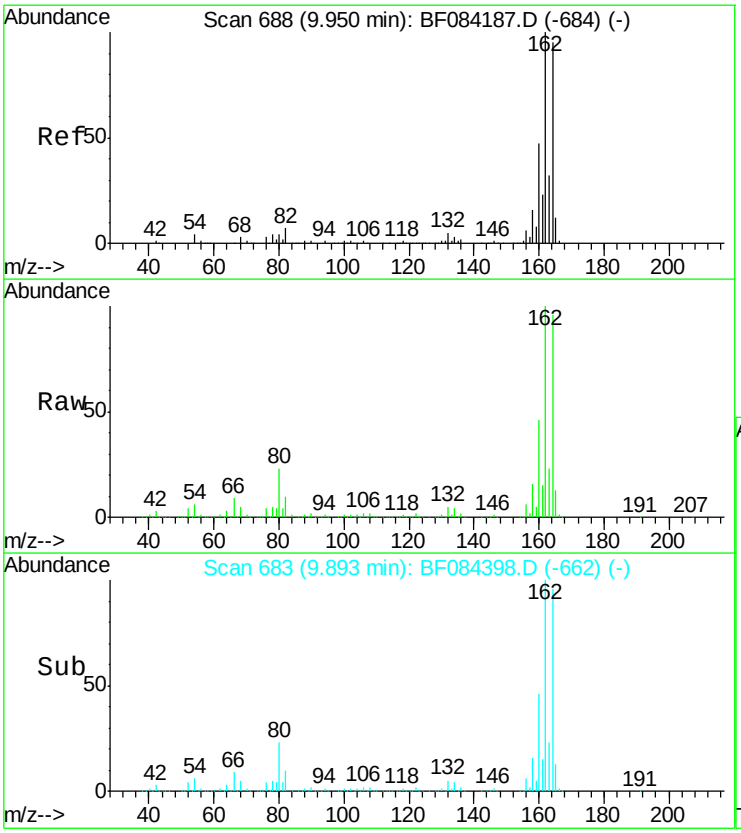
#32
Benzoic acid
Concen: 6.43 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:122 Resp: 3235

Ion	Ratio	Lower	Upper
122	100		
105	108.3	100.3	140.3
77	77.0	63.5	103.5

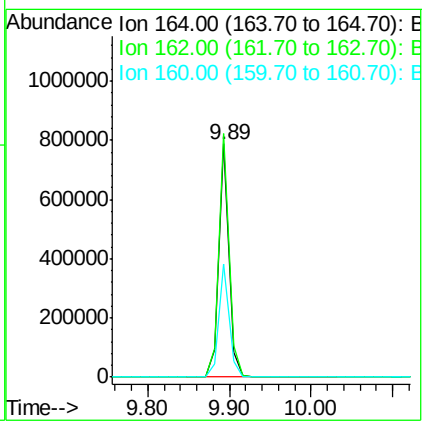


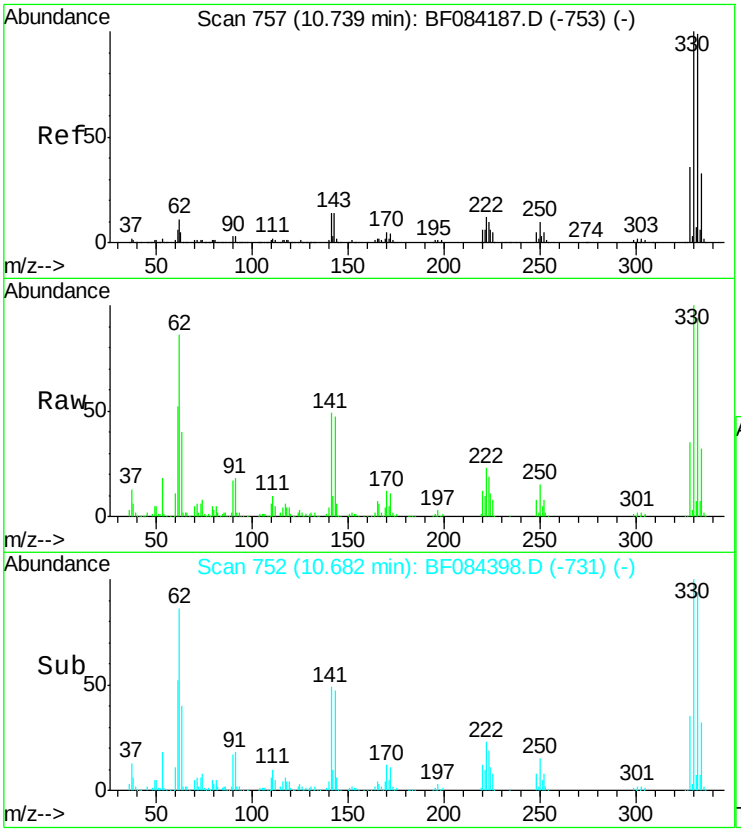


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:164 Resp: 667901

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	48.3	37.5	56.3



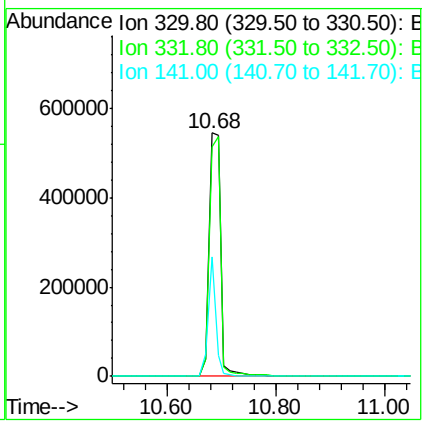


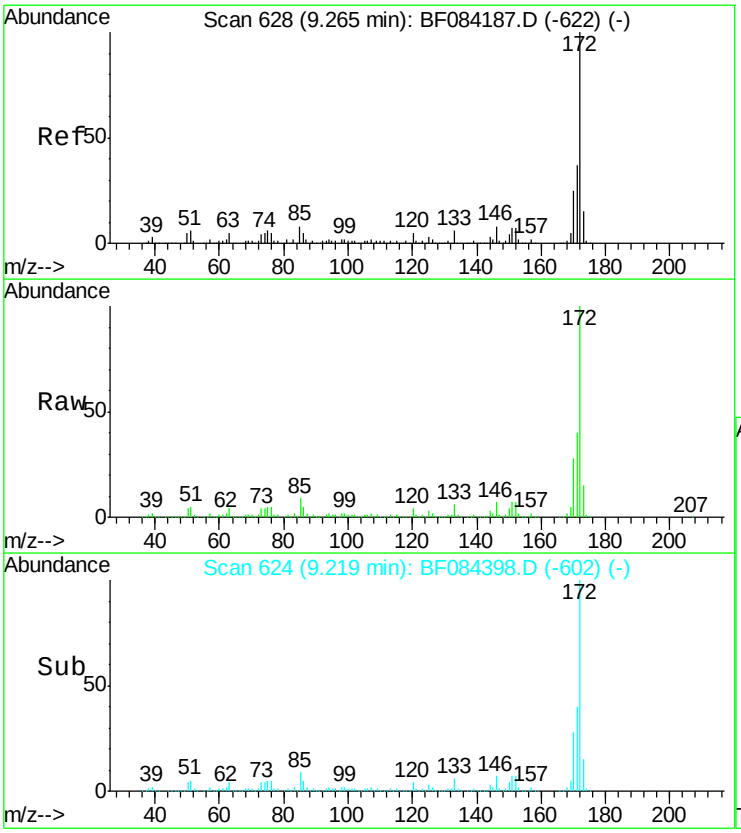
#41
2,4,6-Tribromophenol
Concen: 121.60 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:330 Resp: 819978

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	32.5	27.8	41.6

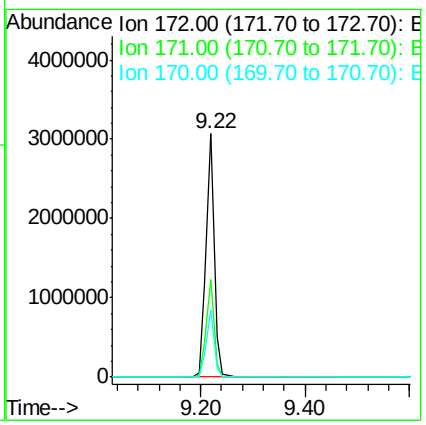


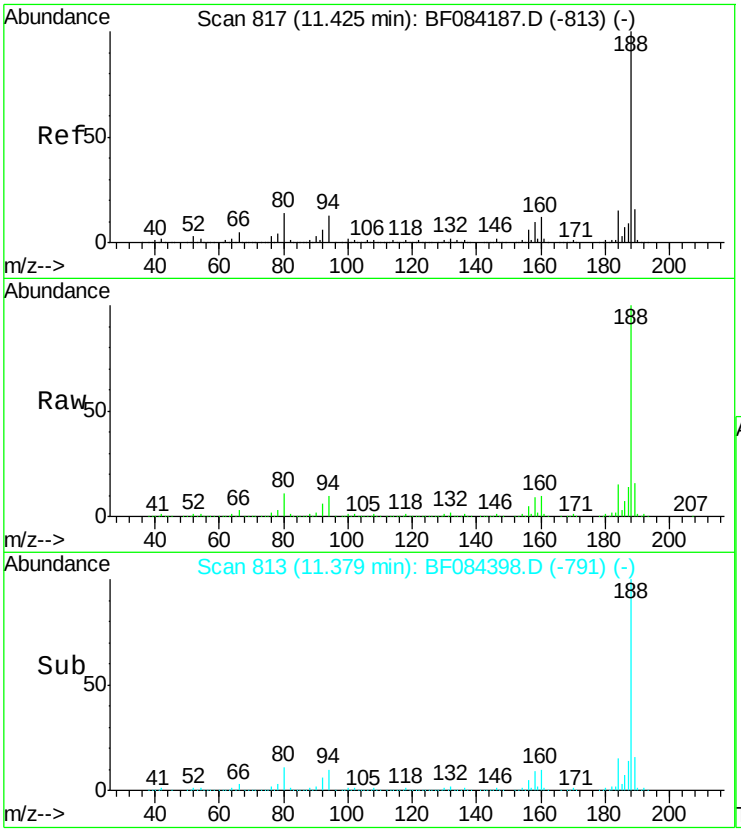


#44
2-Fluorobiphenyl
Concen: 88.93 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:172 Resp: 3365317

Ion	Ratio	Lower	Upper
172	100		
171	40.4	28.9	43.3
170	27.6	18.6	27.8



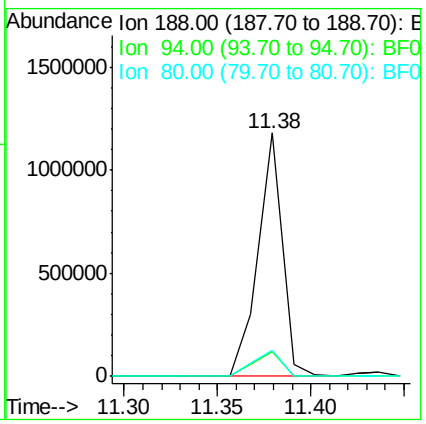


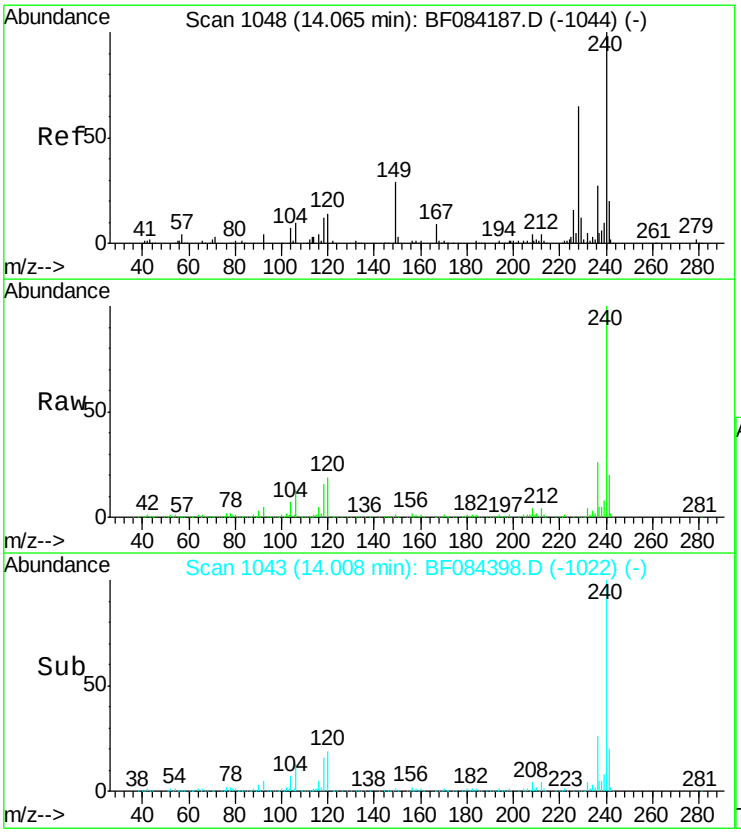
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:188 Resp: 1060483

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	10.8	9.6	14.4

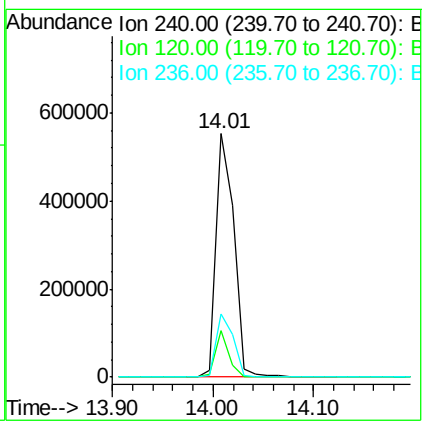


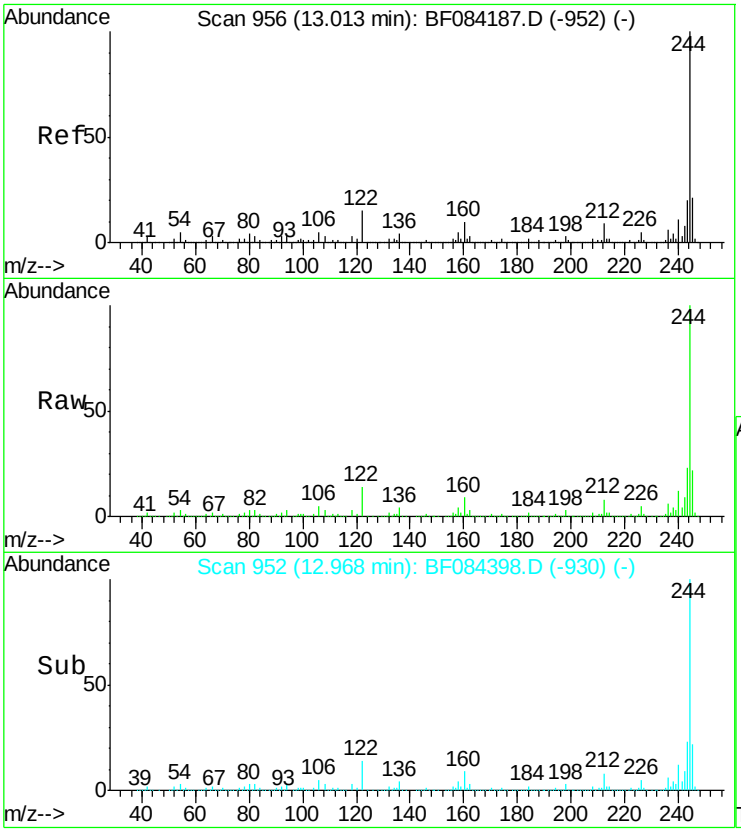


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:240 Resp: 682829

Ion	Ratio	Lower	Upper
240	100		
120	19.0	9.5	14.3#
236	26.1	20.6	31.0



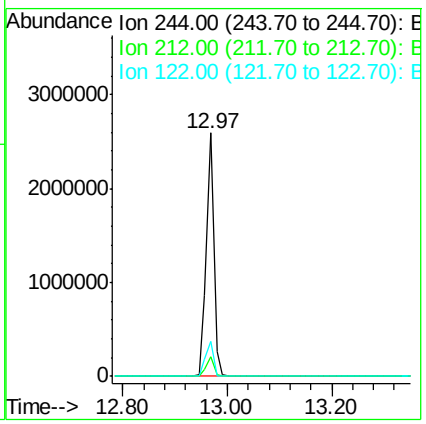


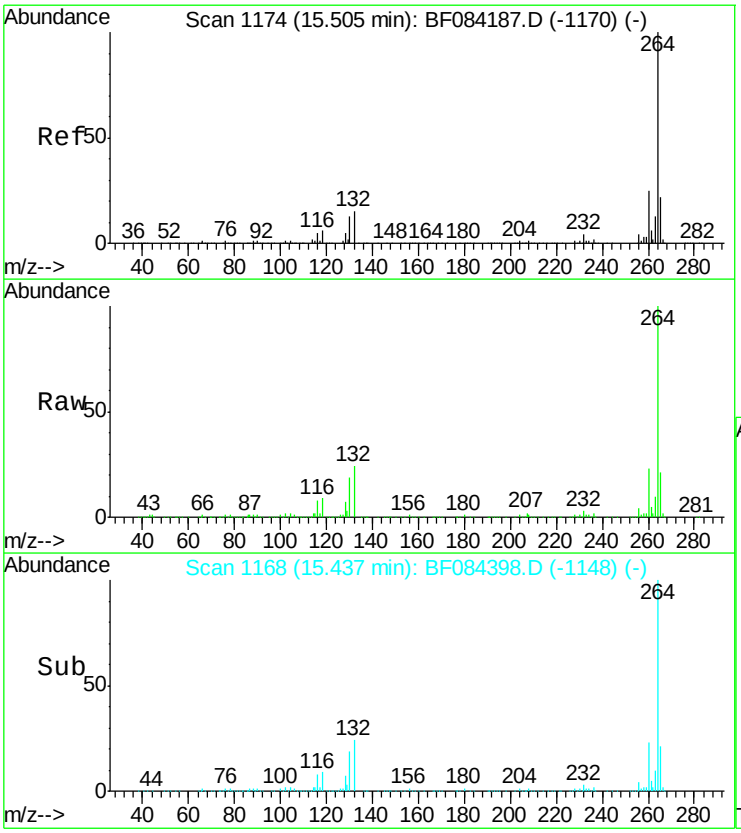
#78
Terphenyl-d14
Concen: 84.80 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:244 Resp: 2594071

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.4	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: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:264 Resp: 601051

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.4	17.8	26.6