Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084776.D
Acq On : 3 Feb 2016 6:40
Operator : SJ/IZ
Sample : H1313-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-21-012916

Quant Time: Feb 03 07:34:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172249	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	751640	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	349702	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	639765	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	466333	20.00	ng	-0.03
86) Perylene-d12	15.22	264	366098	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1404042	126.96	ng	0.00
7) Phenol-d6	6.35	99	1385562	101.07	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1035337	77.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	477191	130.82	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2075359	111.62	ng	-0.02
78) Terphenyl-d14	12.81	244	2002615	97.31	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.01	128	555786	14.74	ng	98
37) 2-Methylnaphthalene	8.69	142	49413	2.09	ng	97

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

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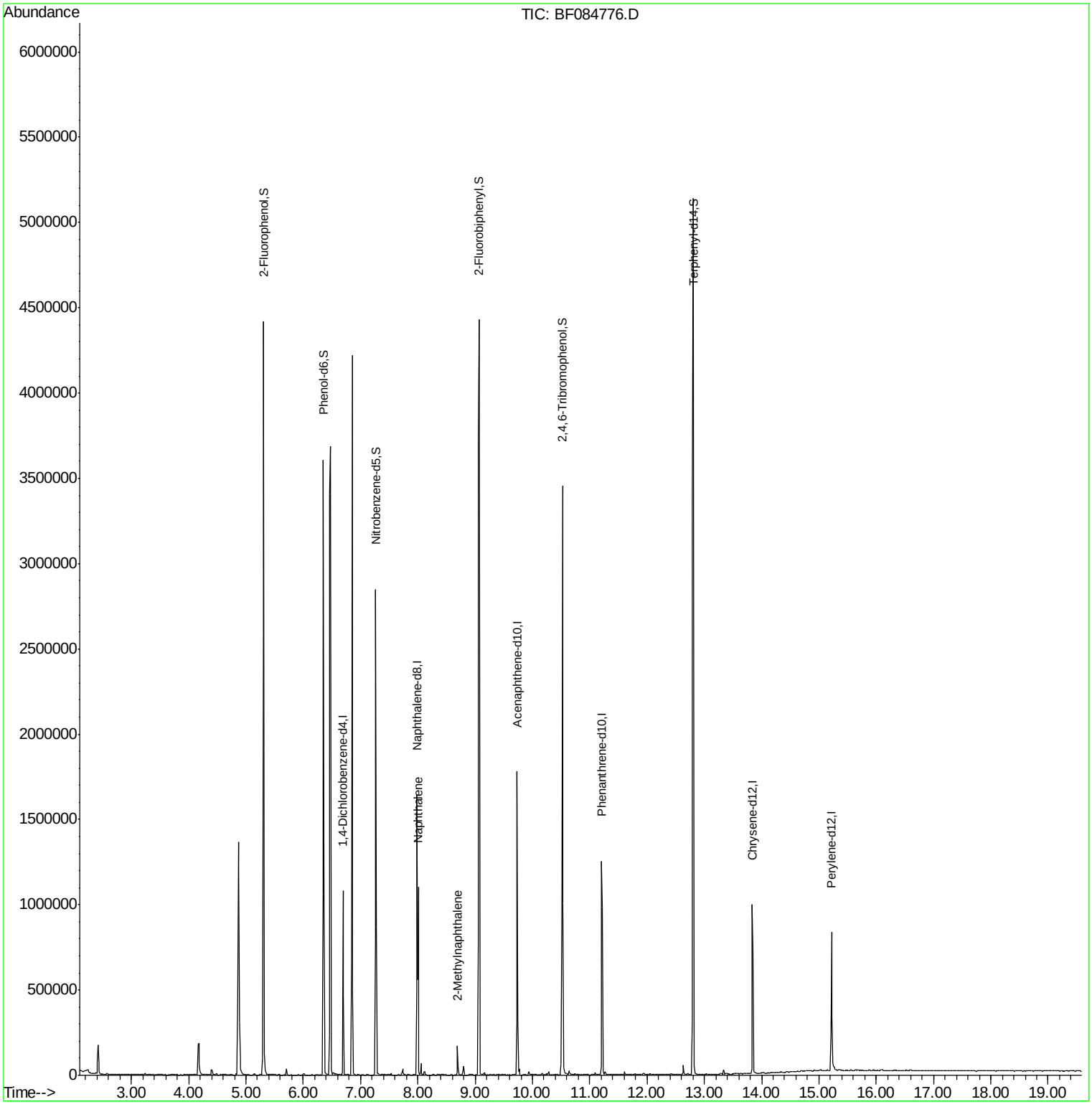
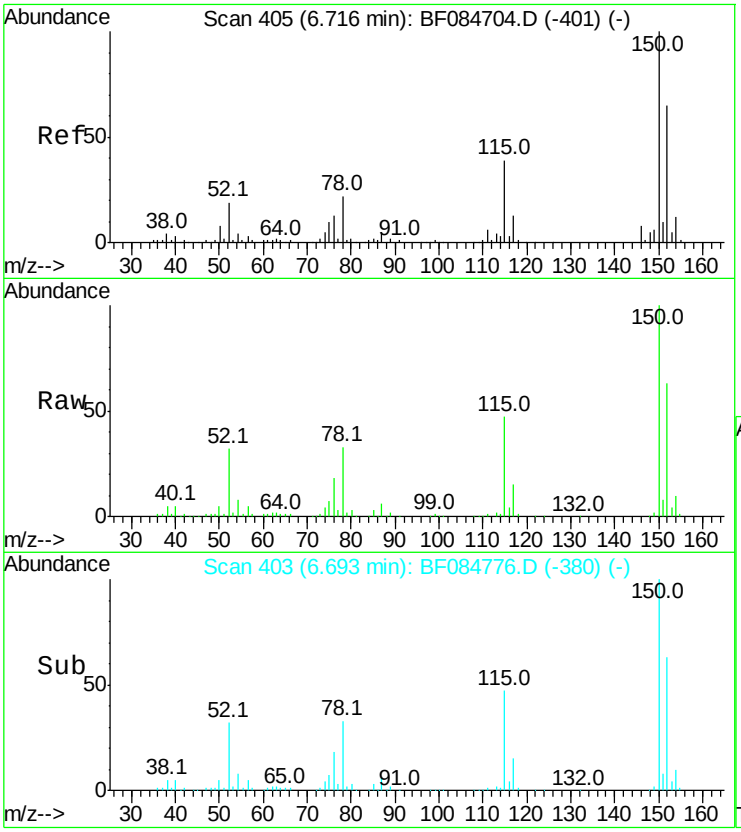


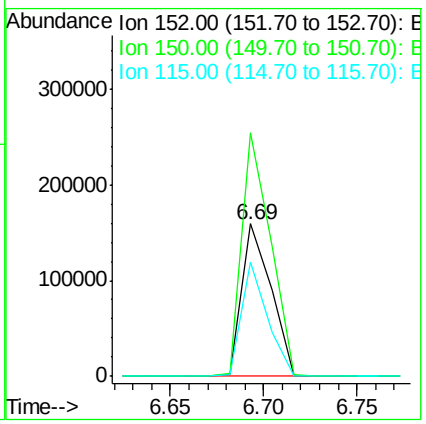


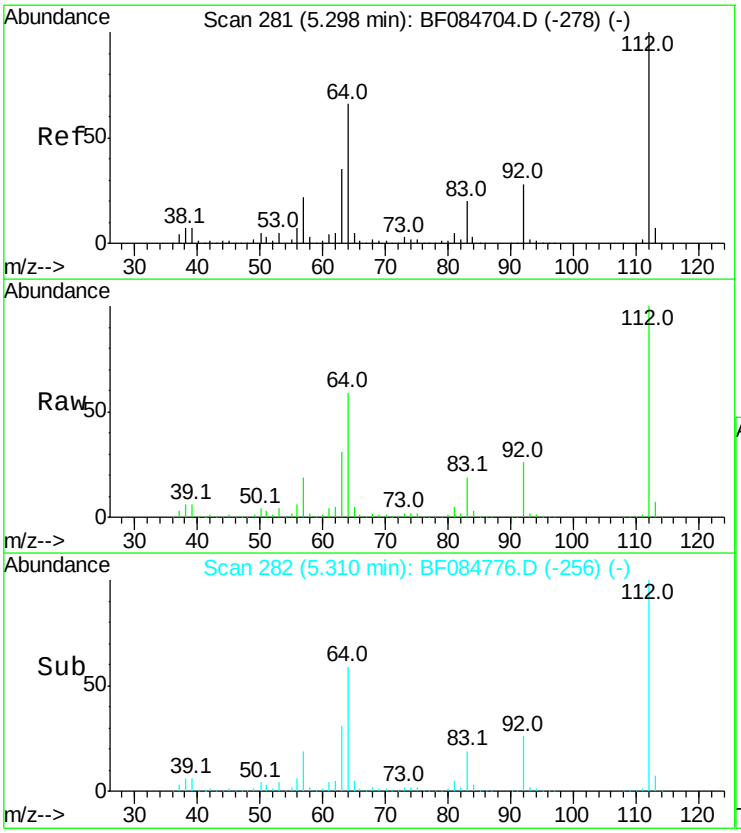
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion:152 Resp: 172249

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	74.8	51.4	77.2

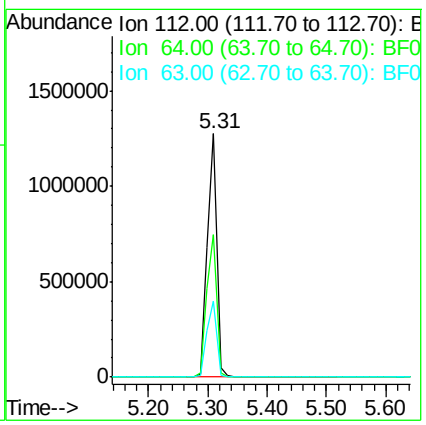


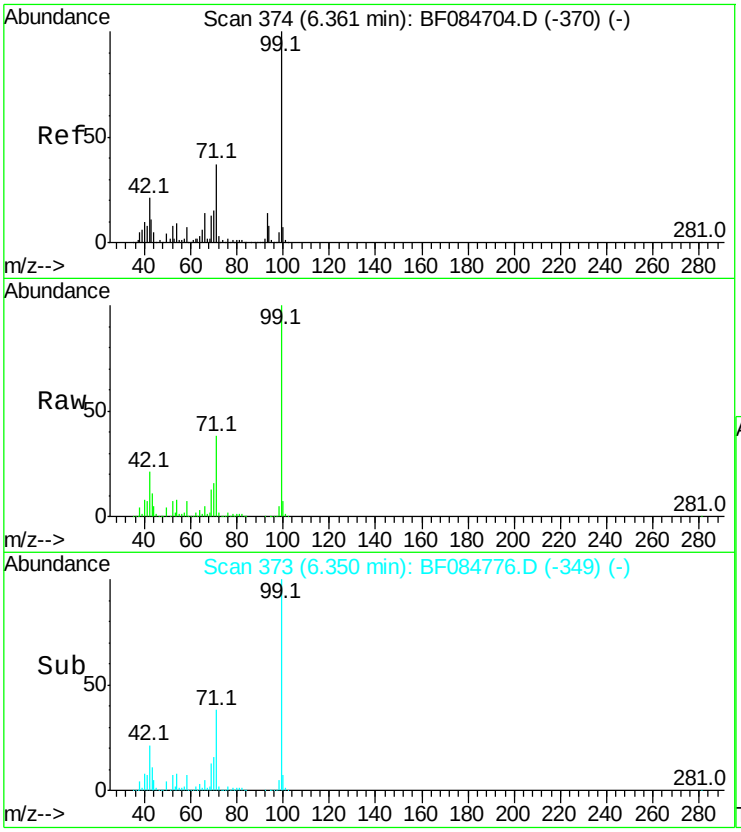


#5
2-Fluorophenol
Concen: 126.96 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:112 Resp: 1404042

Ion	Ratio	Lower	Upper
112	100		
64	58.8	36.6	55.0#
63	31.2	19.4	29.0#



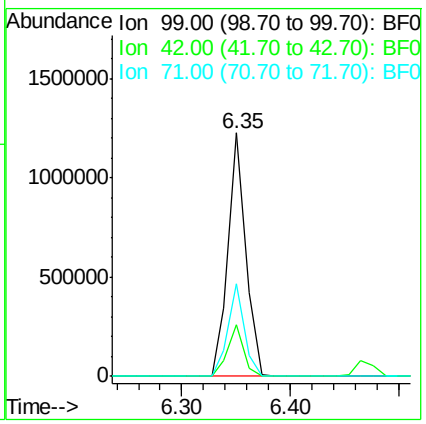


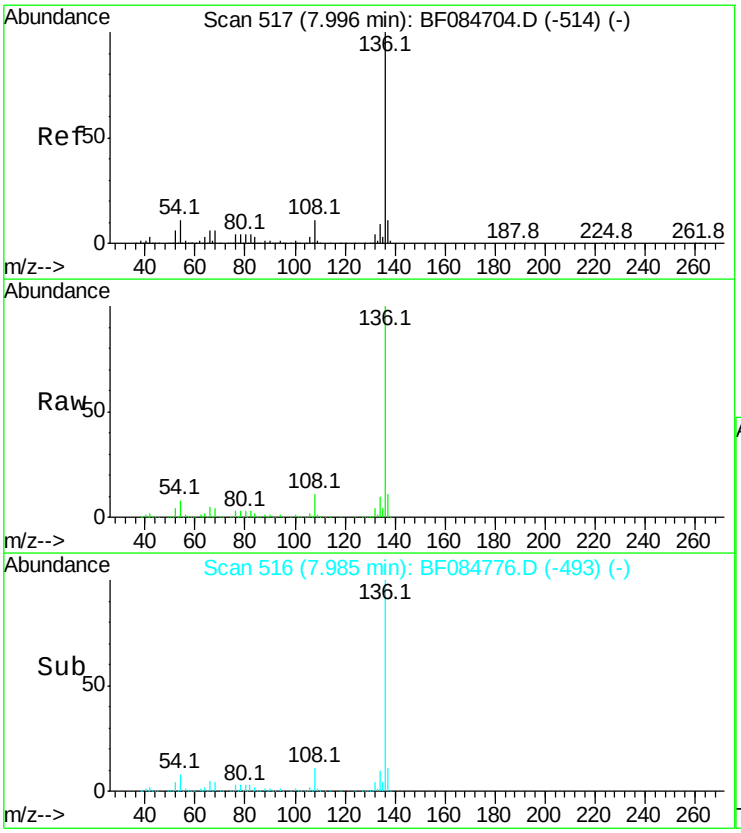
#7
Phenol-d6
Concen: 101.07 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion: 99 Resp: 1385562

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	38.0	30.9	46.3

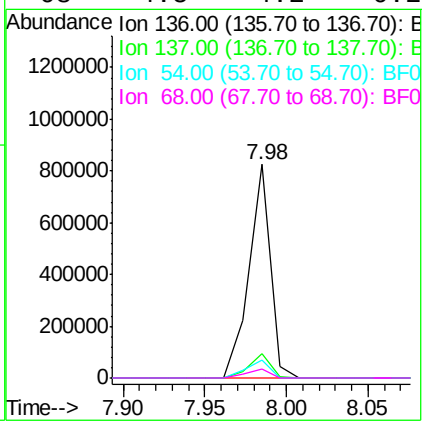


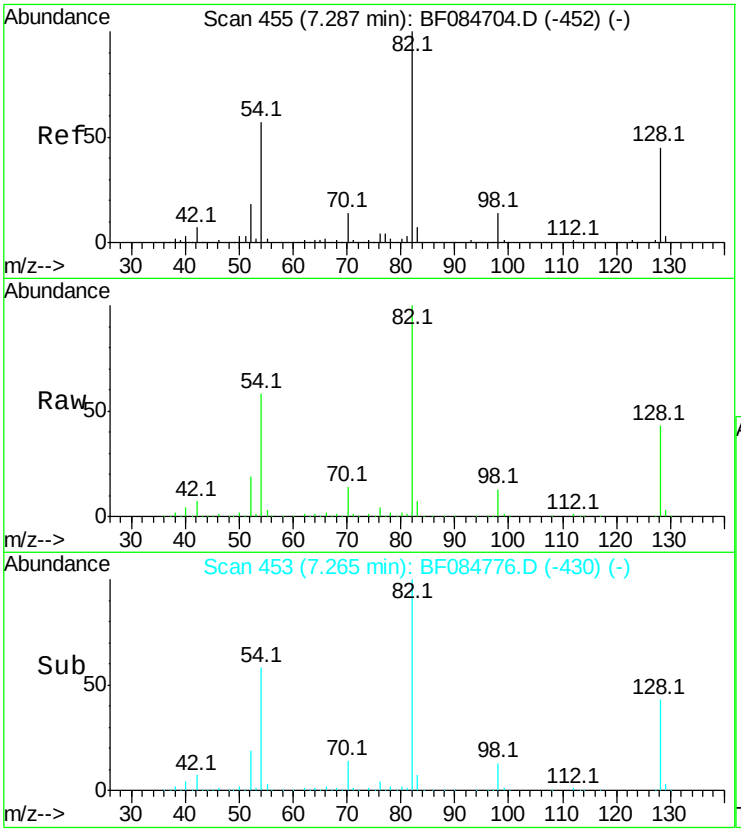


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:136 Resp: 751640

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2



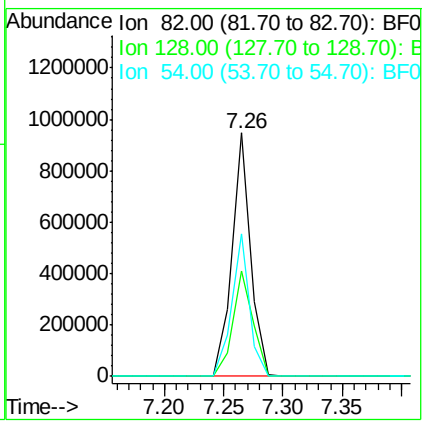


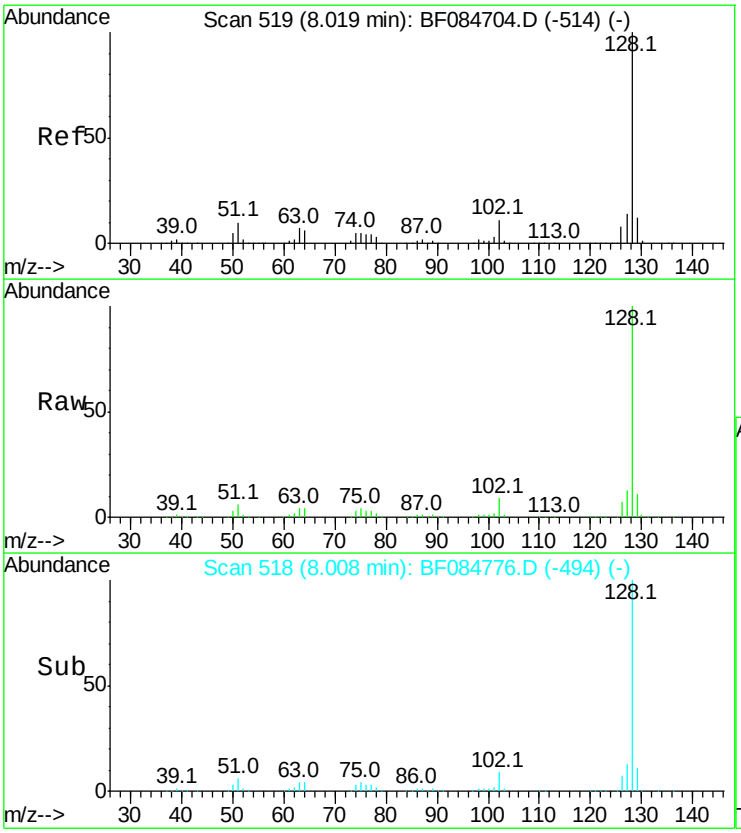
#23
Nitrobenzene-d5
Concen: 77.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion: 82 Resp: 1035337

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	58.4	38.4	57.6#

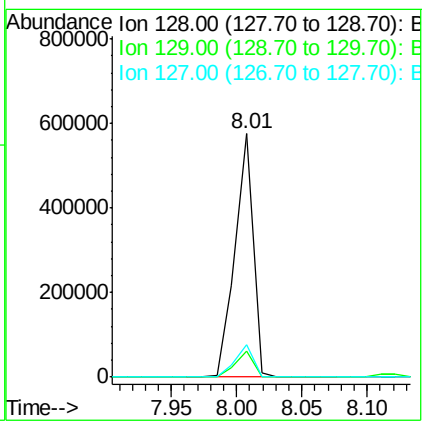


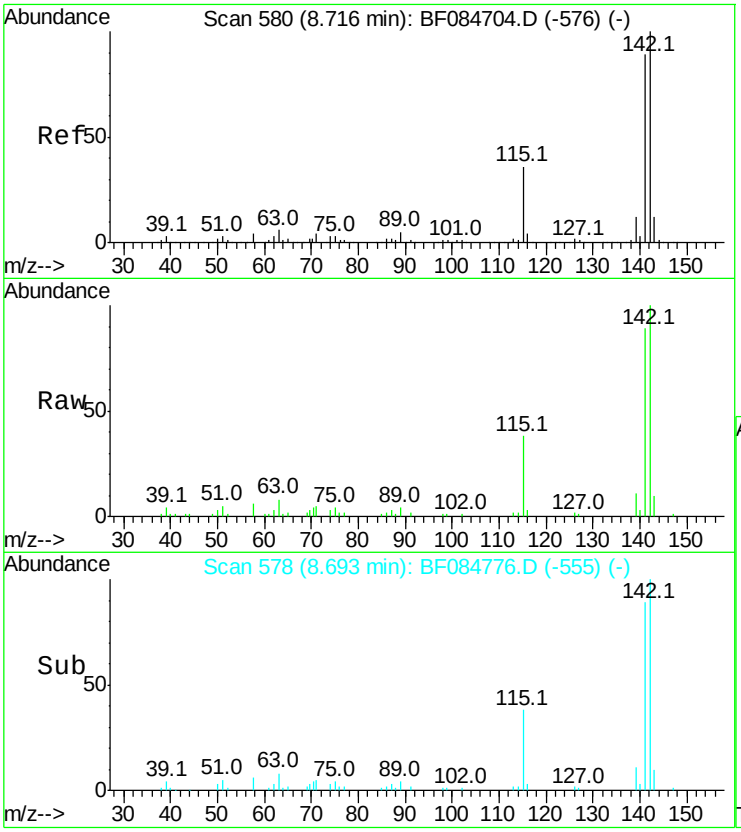


#31
Naphthalene
Concen: 14.74 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:128 Resp: 555786

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.1	11.1	16.7



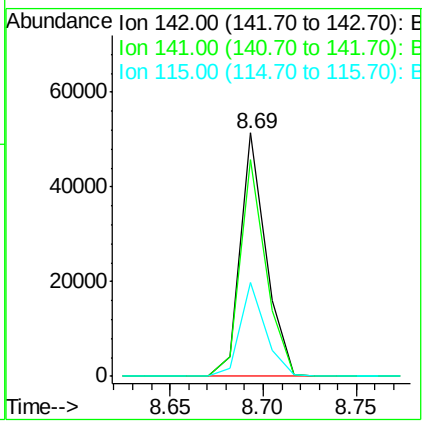


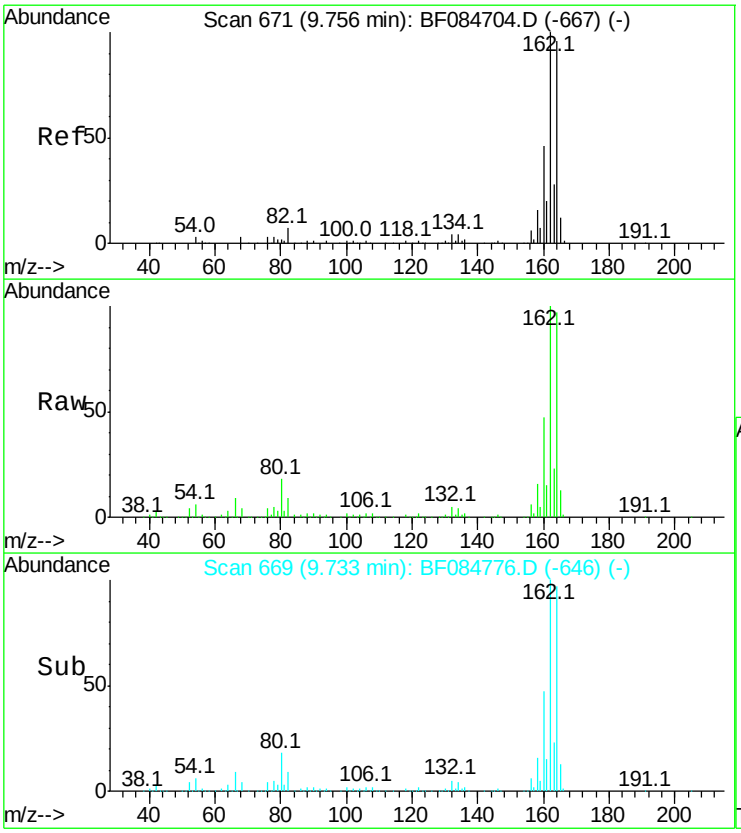
#37
2-Methylnaphthalene
Concen: 2.09 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion:142 Resp: 49413

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	38.4	27.9	41.9

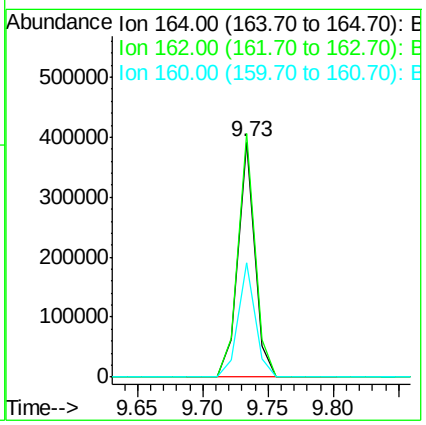


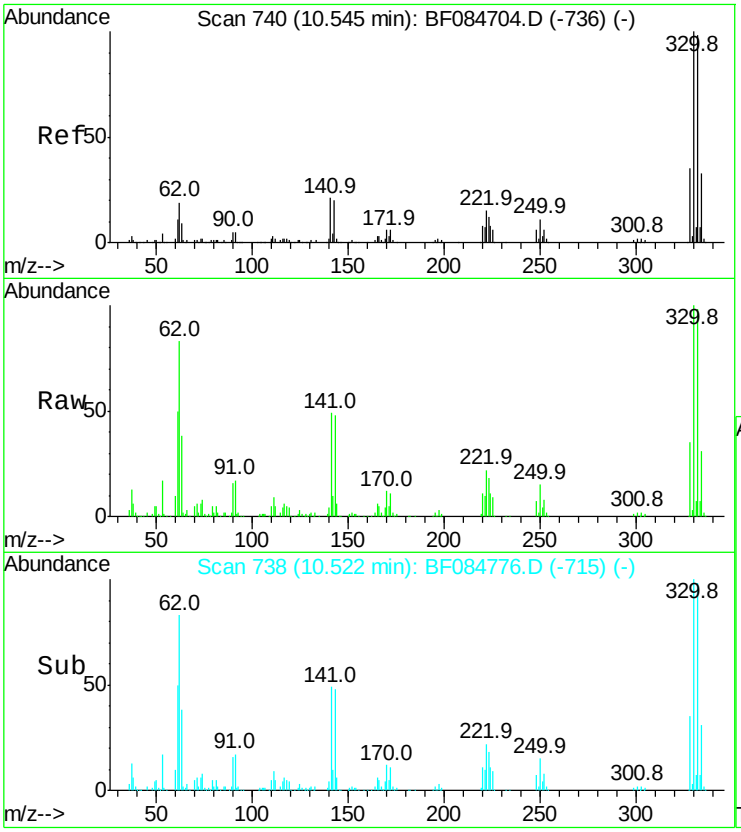


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:164 Resp: 349702

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	48.4	37.5	56.3



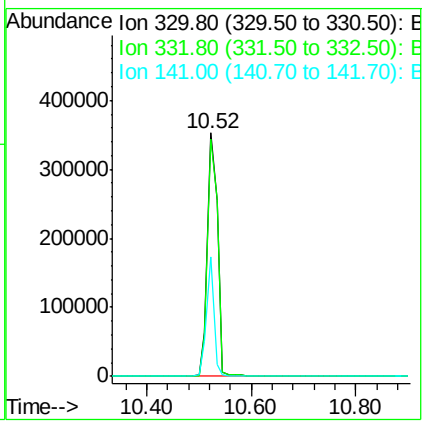


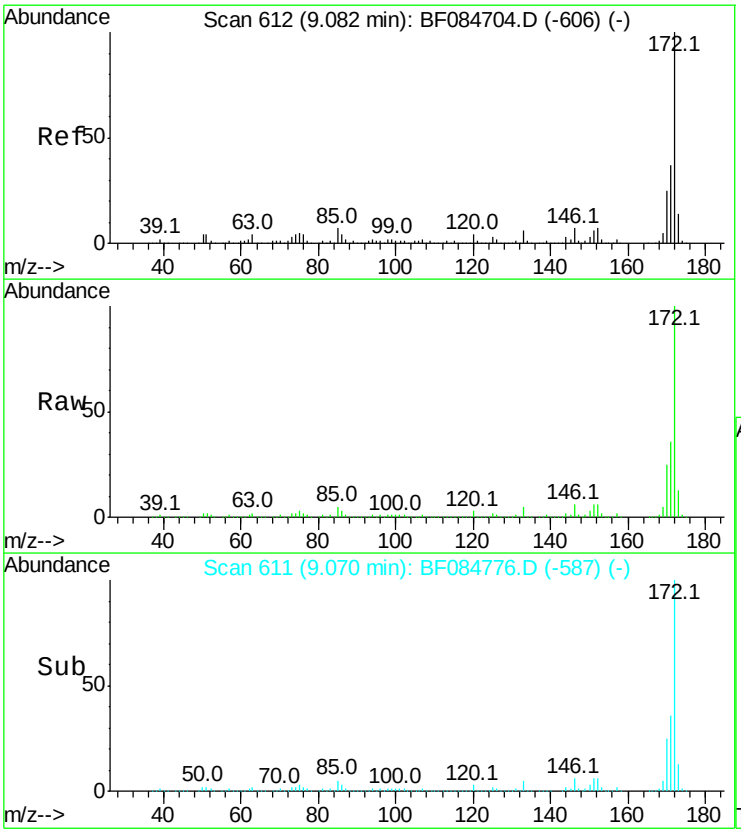
#41
2,4,6-Tribromophenol
Concen: 130.82 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion:330 Resp: 477191

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	36.0	27.8	41.6

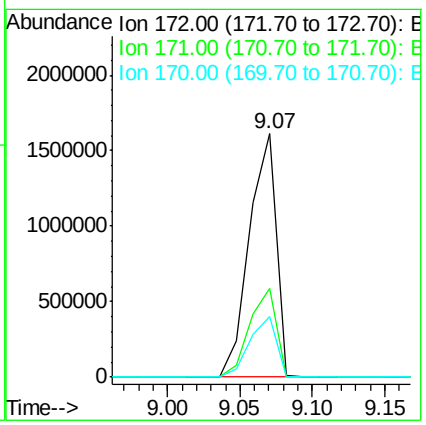


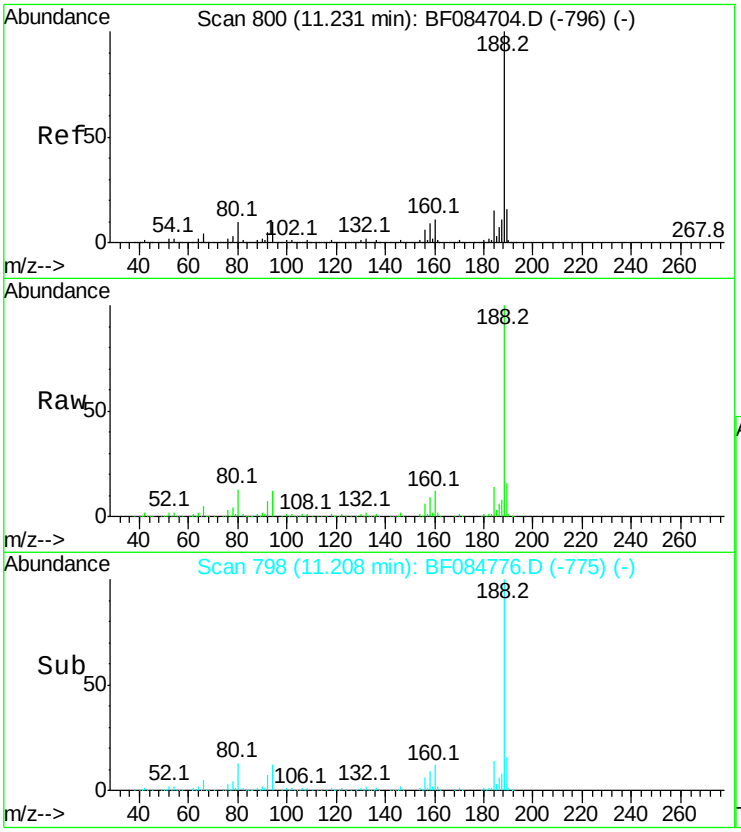


#44
2-Fluorobiphenyl
Concen: 111.62 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:172 Resp: 2075359

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	25.1	18.6	27.8



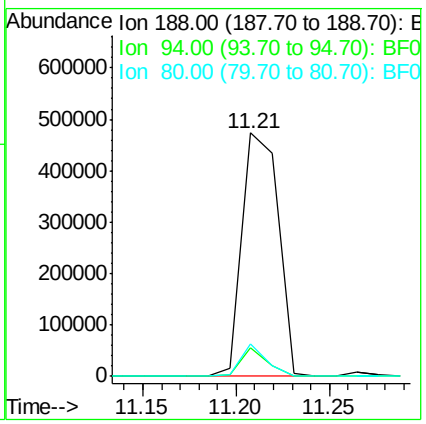


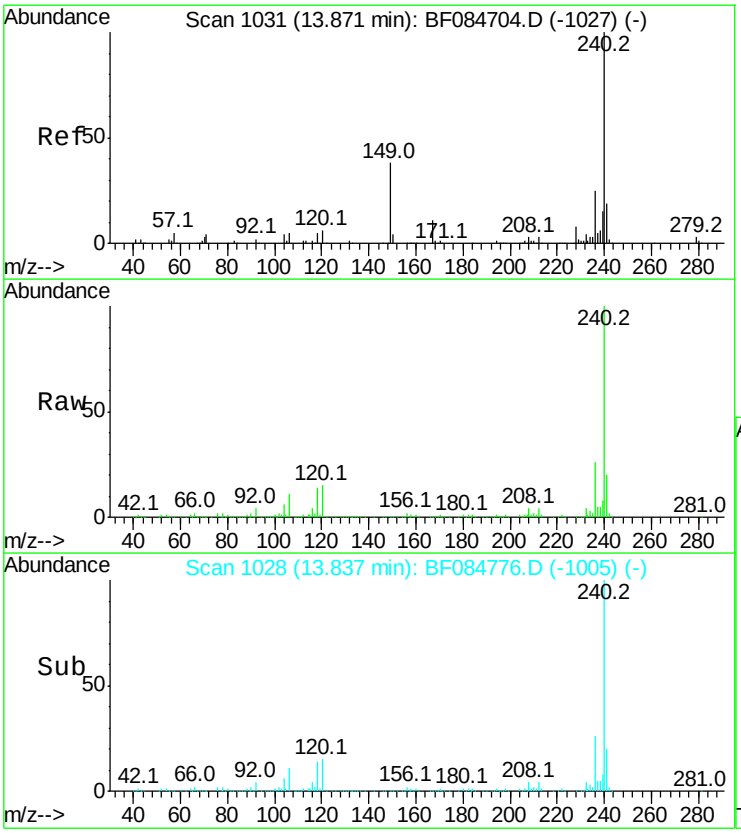
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion:188 Resp: 639765

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	13.3	9.6	14.4

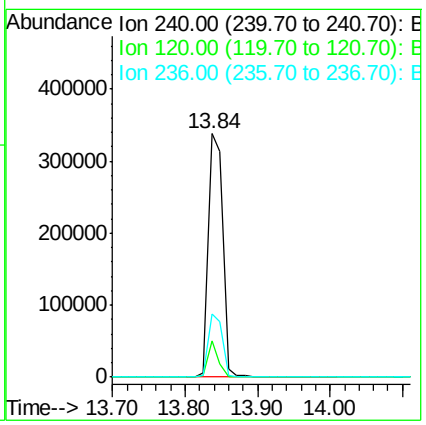


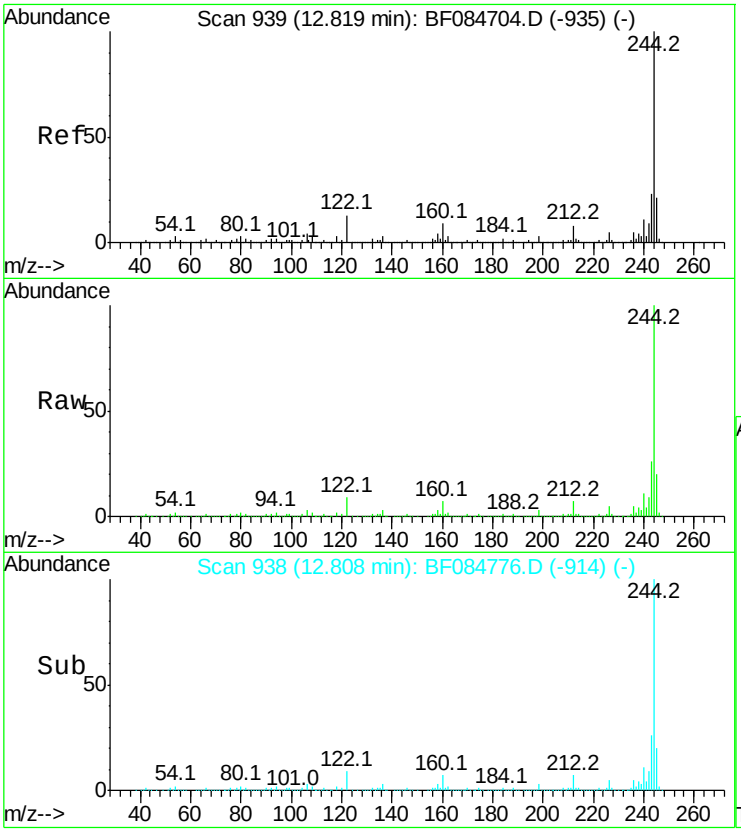


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:240 Resp: 466333

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.1	20.6	31.0



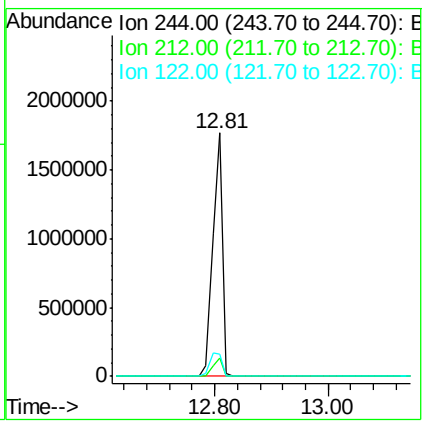


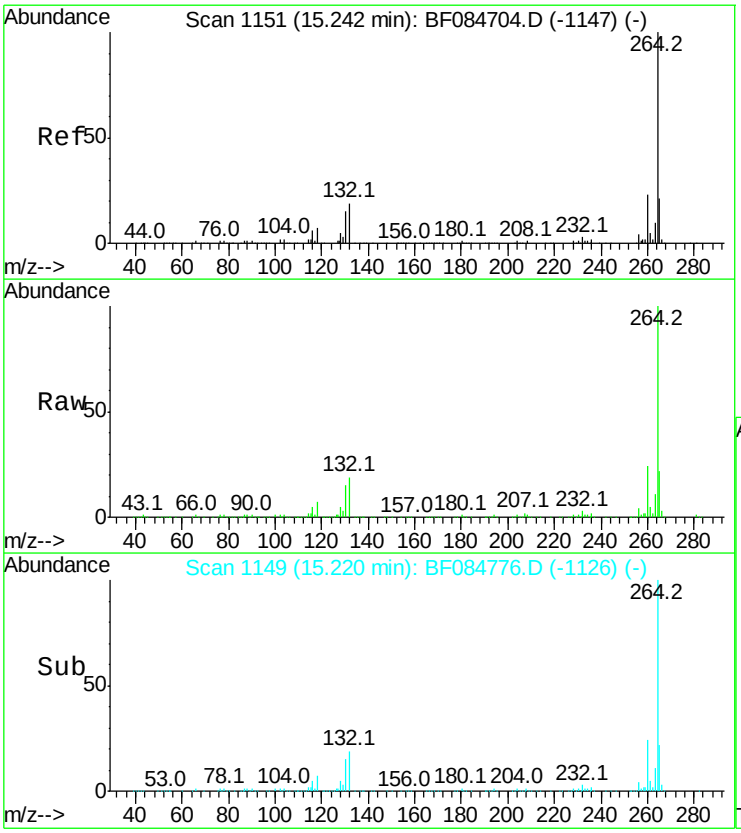
#78
Terphenyl-d14
Concen: 97.31 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-21-012916

Tgt Ion:244 Resp: 2002615

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.2	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084776.D
Acq: 3 Feb 2016 6:40

Tgt Ion:264 Resp: 366098

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.4	17.8	26.6