Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084781.D
Acq On : 3 Feb 2016 8:58
Operator : SJ/IZ
Sample : H1313-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-26-012916

Quant Time: Feb 03 09:52:36 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	175531	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	767382	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	364427	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	679614	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	479540	20.00	ng	-0.03
86) Perylene-d12	15.22	264	389895	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1434422	127.29	ng	0.00
7) Phenol-d6	6.35	99	1344691	96.25	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1073459	78.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	512964	134.95	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2175369	112.90	ng	-0.02
78) Terphenyl-d14	12.81	244	2052575	96.99	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.01	128	1109678	28.83	ng	100
37) 2-Methylnaphthalene	8.69	142	106352	4.41	ng	96
51) Acenaphthene	9.77	154	58047	2.45	ng	97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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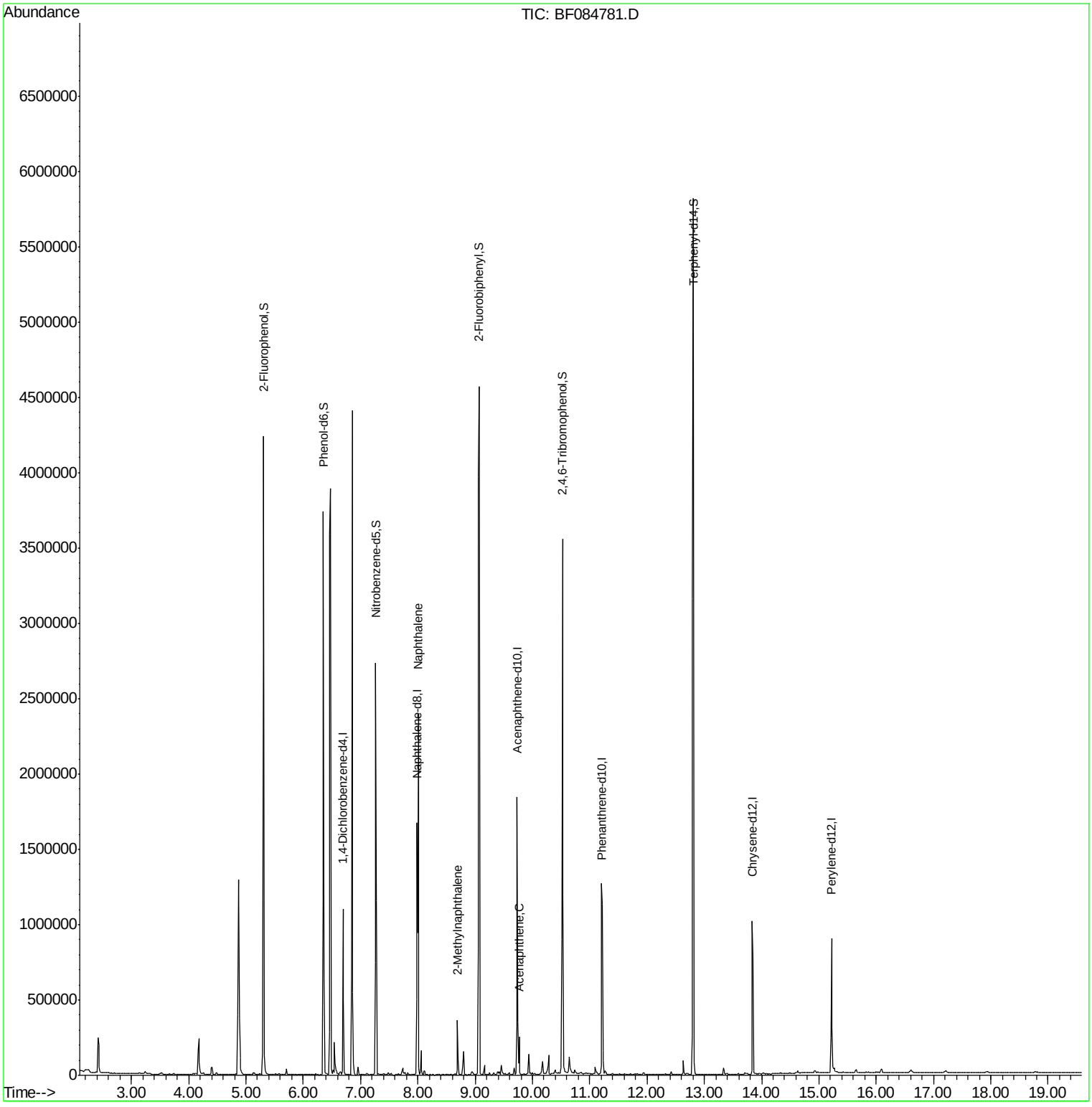
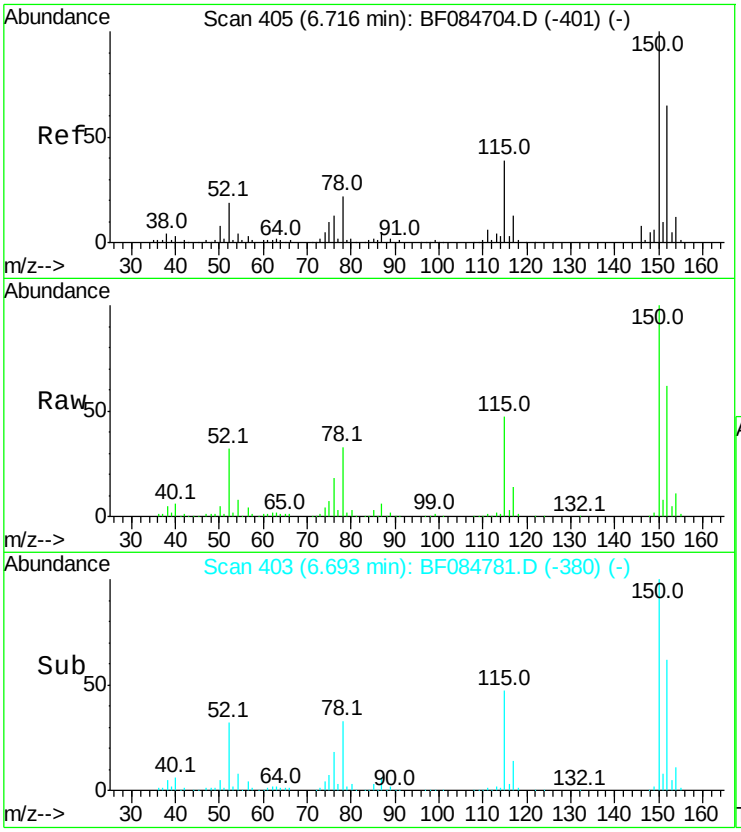


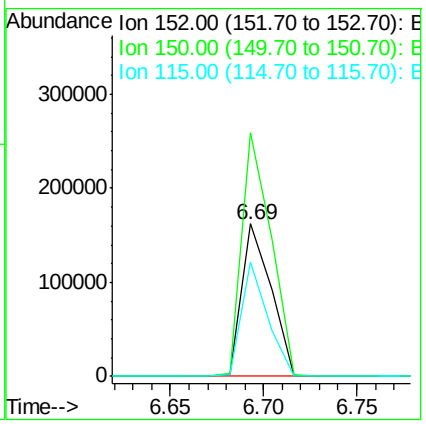


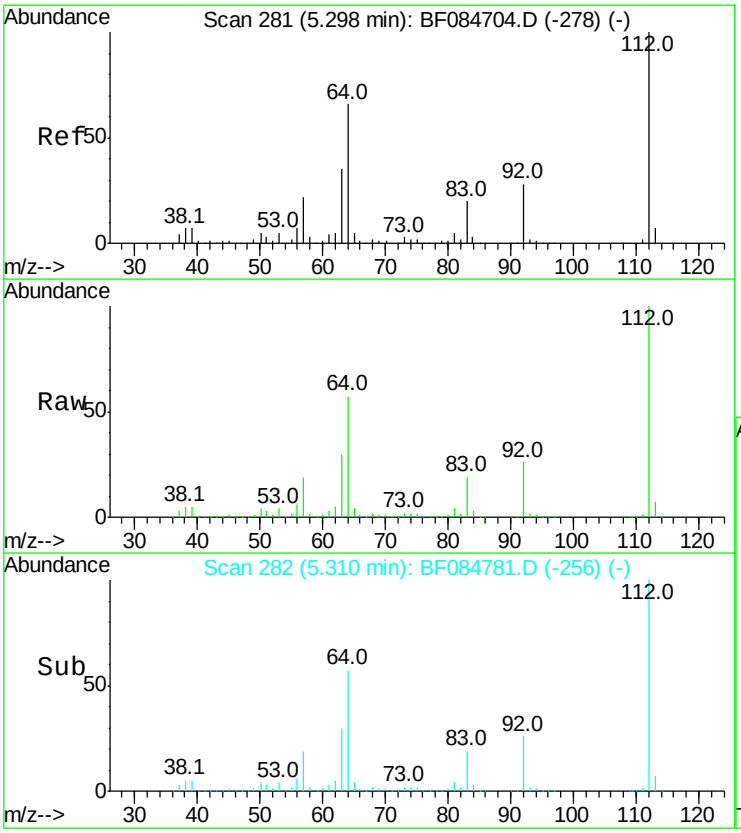
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:152 Resp: 175531

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.0	184.4
115	75.0	51.4	77.2

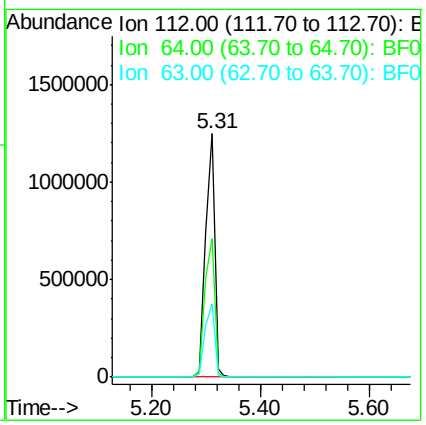


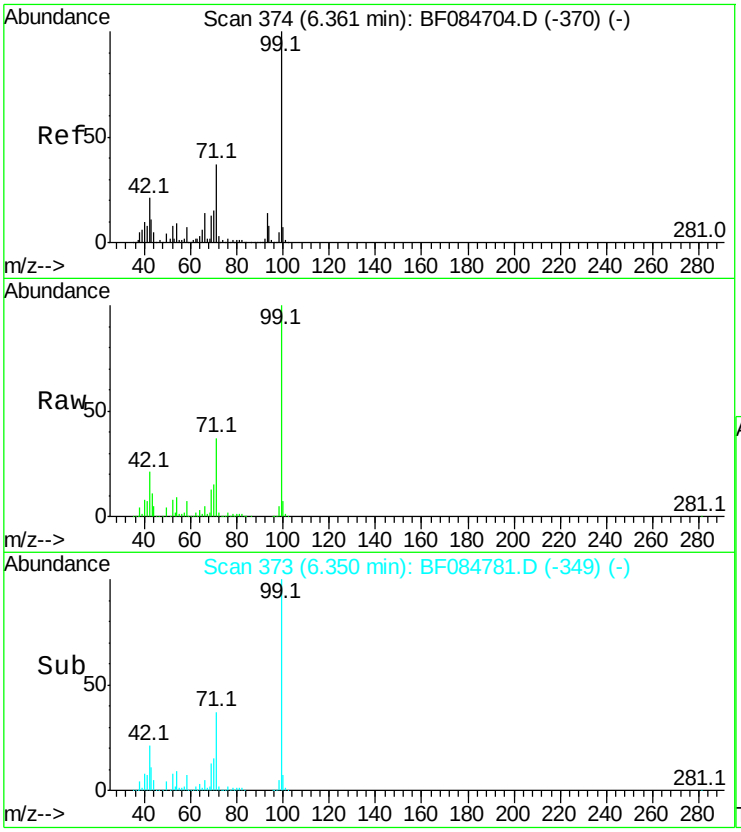


#5
2-Fluorophenol
Concen: 127.29 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:112 Resp: 1434422

Ion	Ratio	Lower	Upper
112	100		
64	56.9	36.6	55.0#
63	30.3	19.4	29.0#



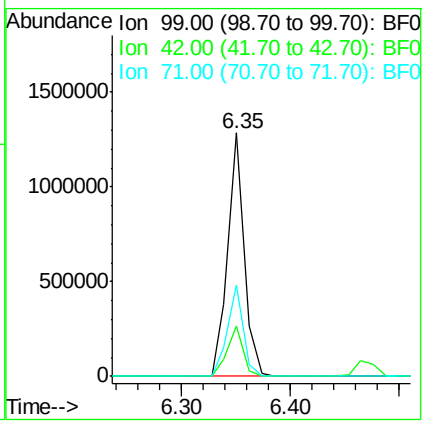


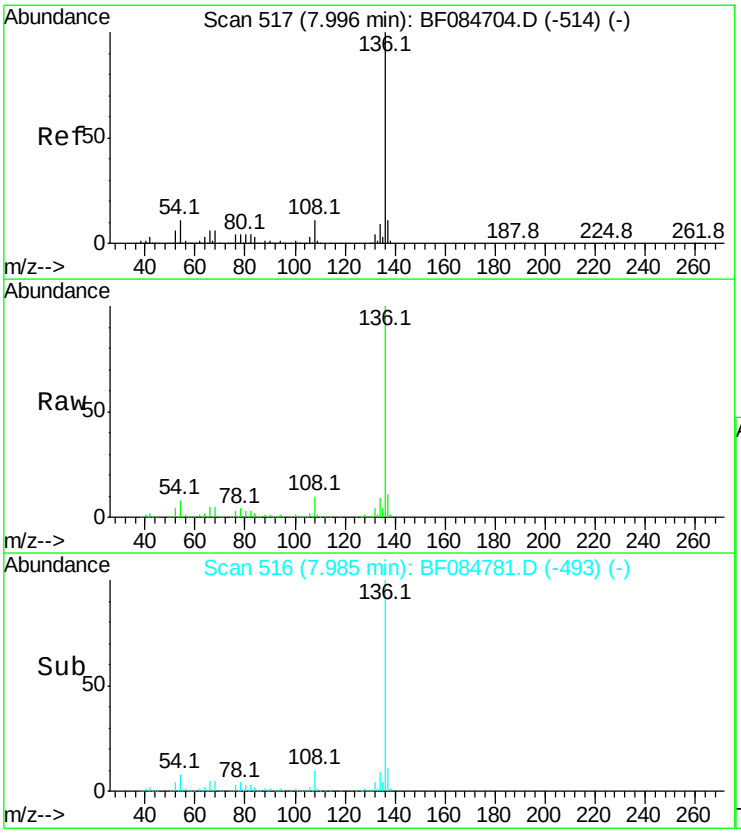
#7
Phenol-d6
Concen: 96.25 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion: 99 Resp: 1344691

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.4	30.9	46.3

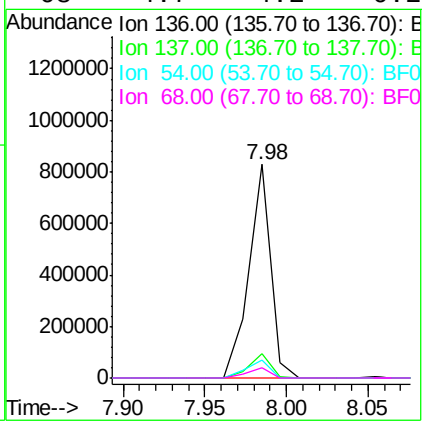


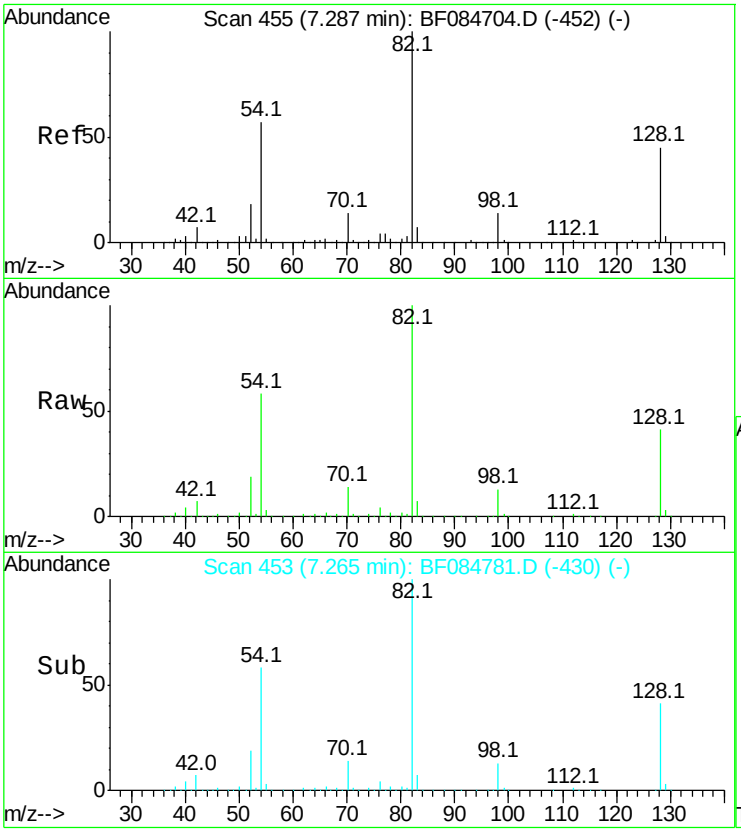


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:136 Resp: 767382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.4	5.8	8.8
68	4.7	4.2	6.2



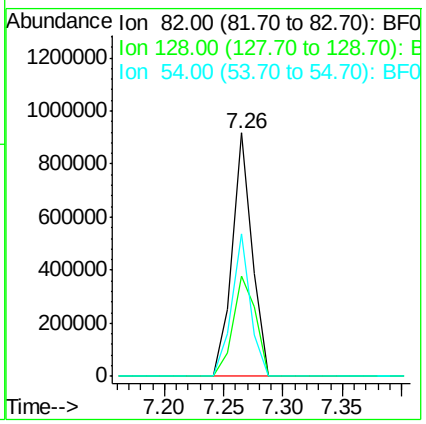


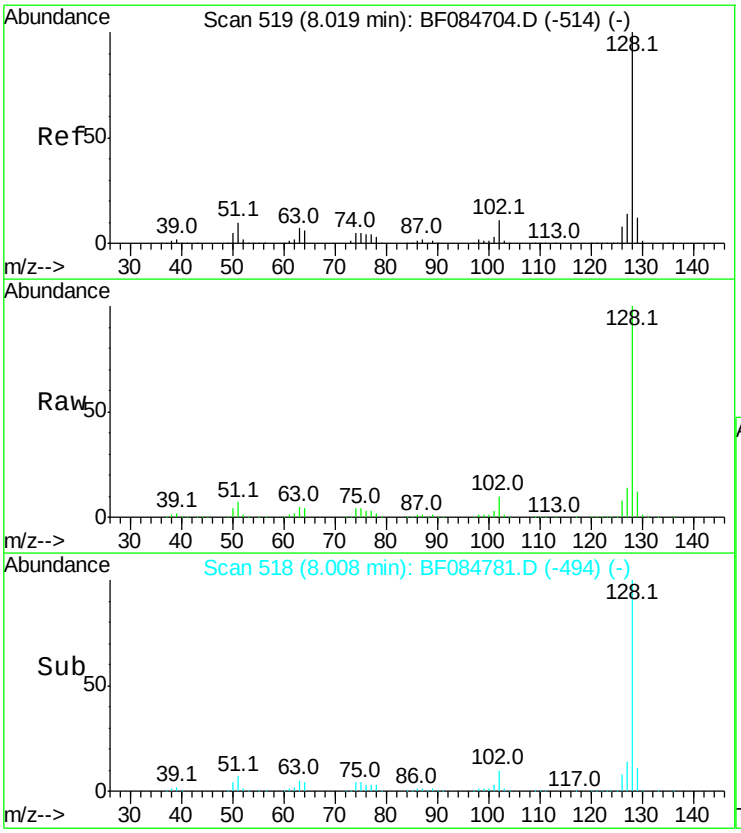
#23
Nitrobenzene-d5
Concen: 78.80 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion: 82 Resp: 1073459

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	51.8
54	58.5	38.4	57.6#

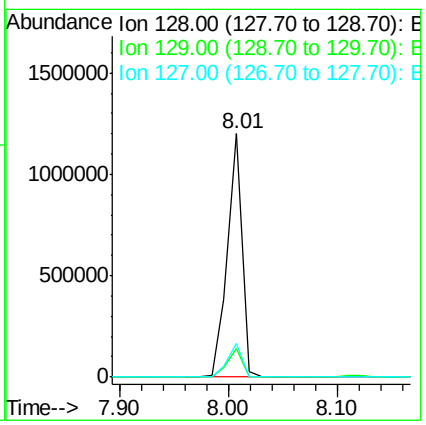


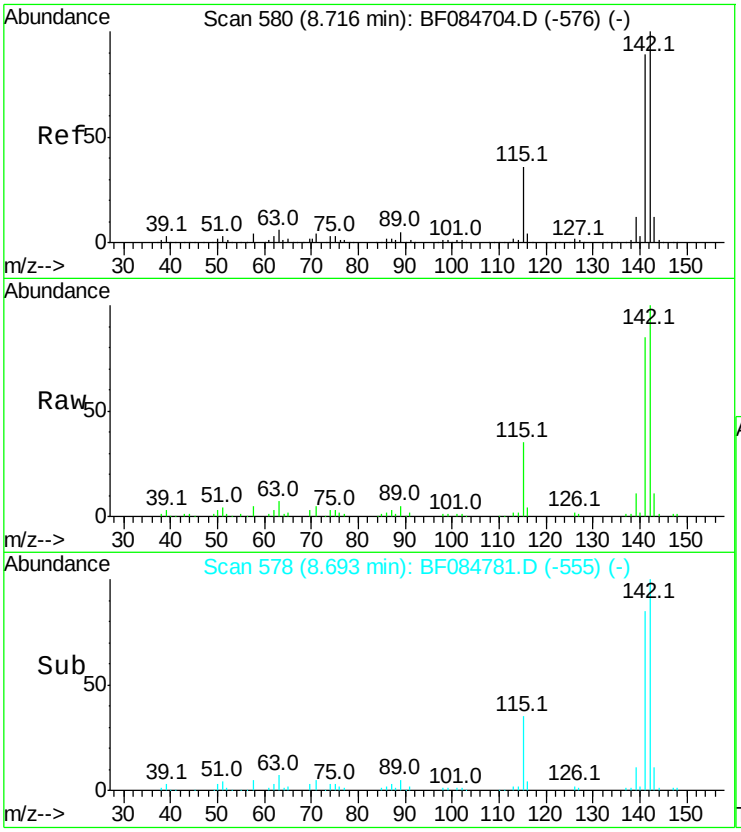


#31
Naphthalene
Concen: 28.83 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:128 Resp: 1109678

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.9	11.1	16.7



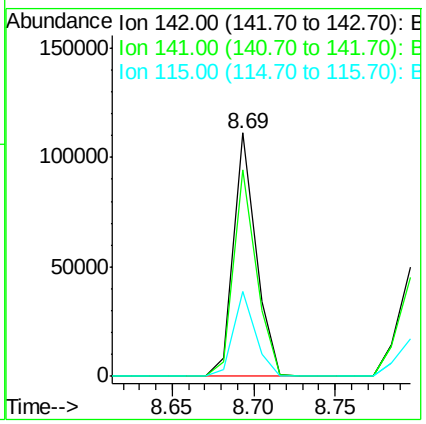


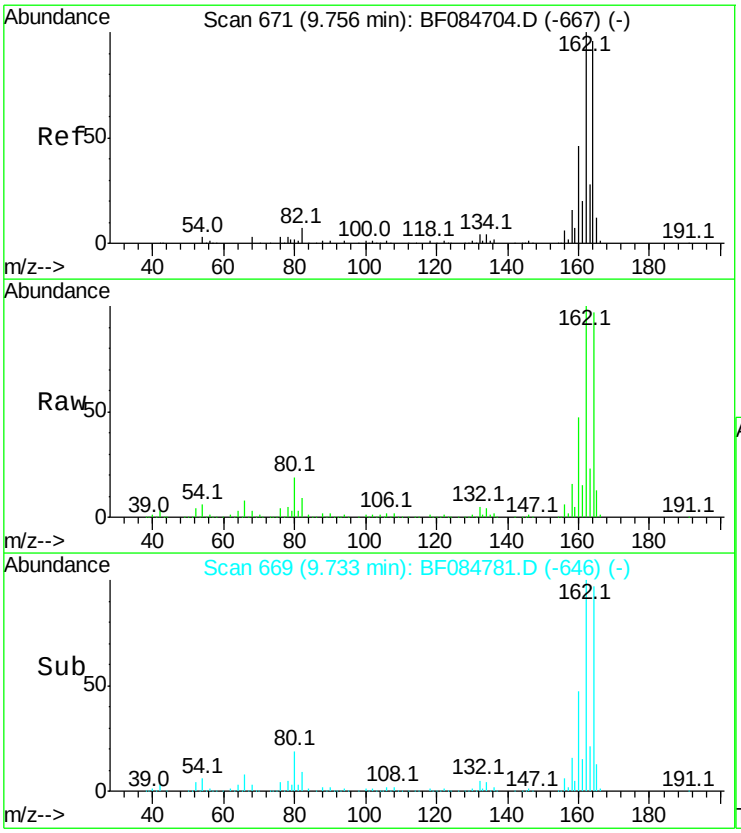
#37
2-Methylnaphthalene
Concen: 4.41 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:142 Resp: 106352

Ion	Ratio	Lower	Upper
142	100		
141	84.9	72.4	108.6
115	34.7	27.9	41.9

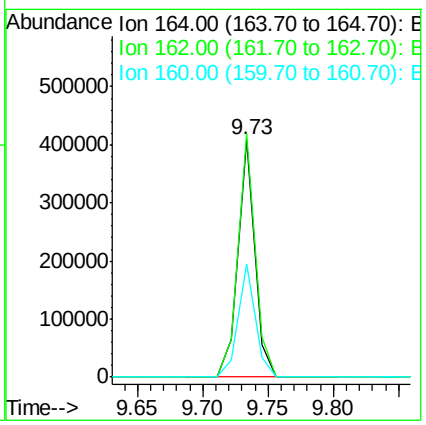


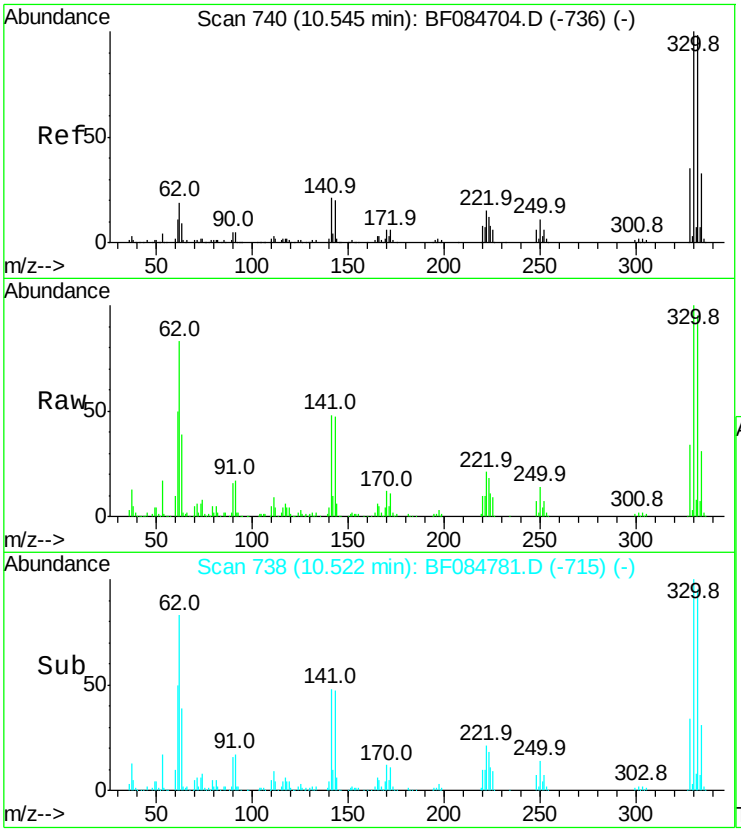


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:164 Resp: 364427

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	47.8	37.5	56.3



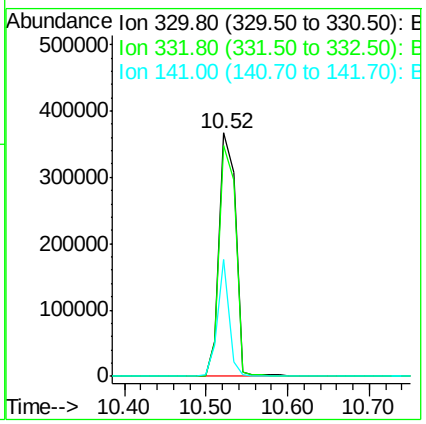


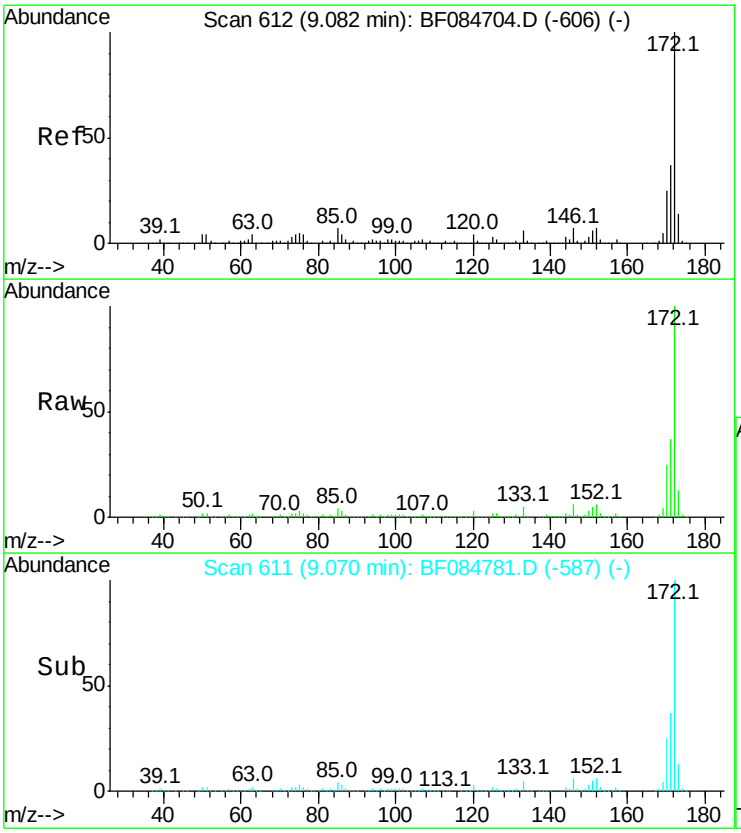
#41
2,4,6-Tribromophenol
Concen: 134.95 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:330 Resp: 512964

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	33.7	27.8	41.6

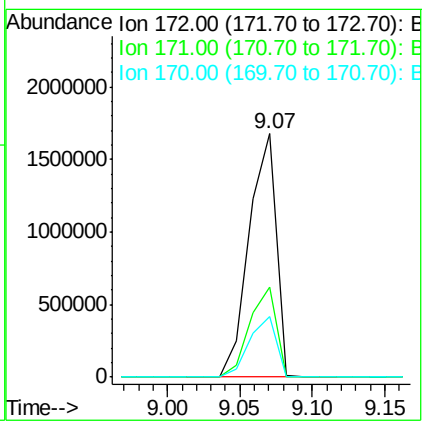


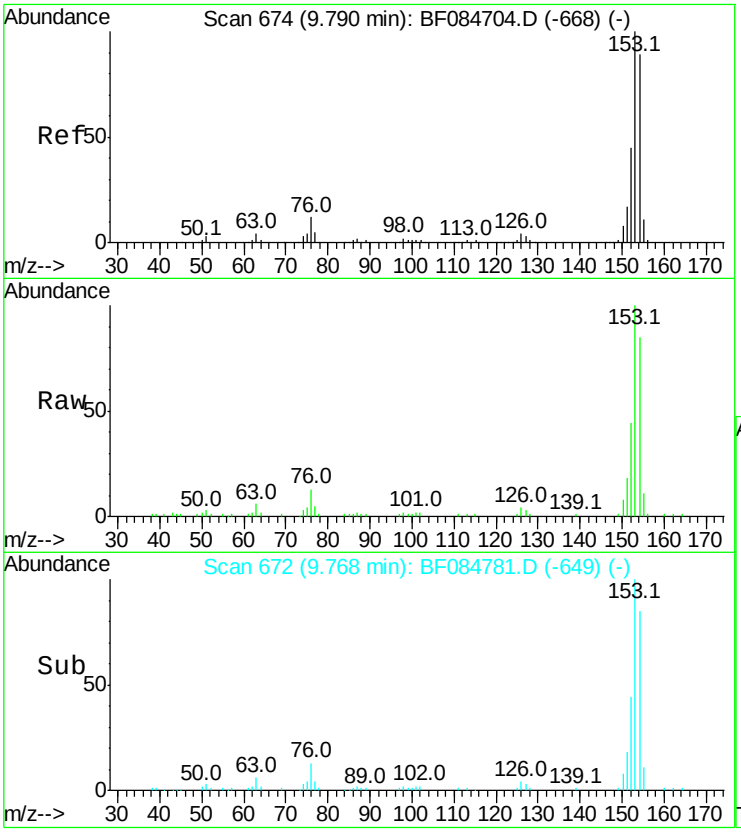


#44
2-Fluorobiphenyl
Concen: 112.90 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:172 Resp: 2175369

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.9	18.6	27.8



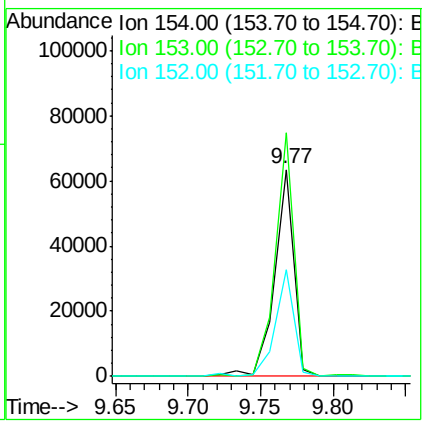


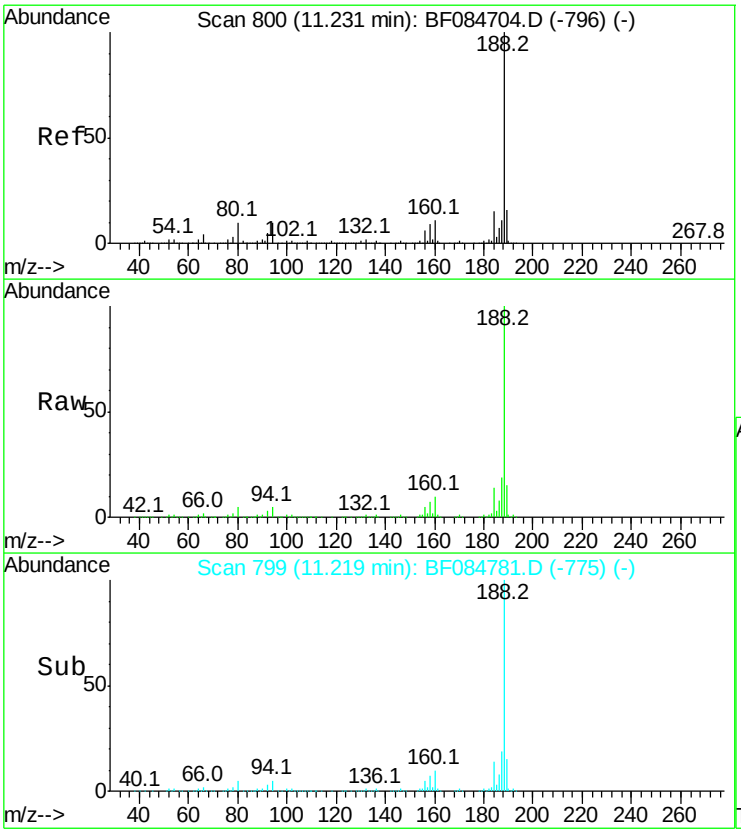
#51
Acenaphthene
Concen: 2.45 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:154 Resp: 58047

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.5	137.3
152	51.5	43.0	64.6

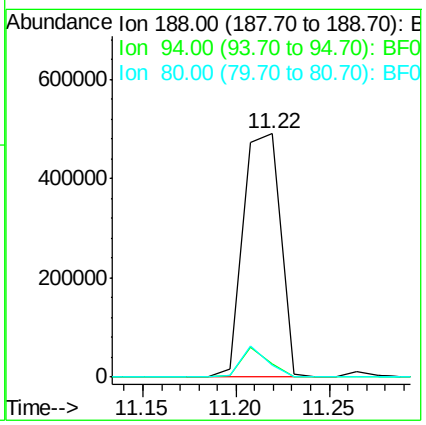


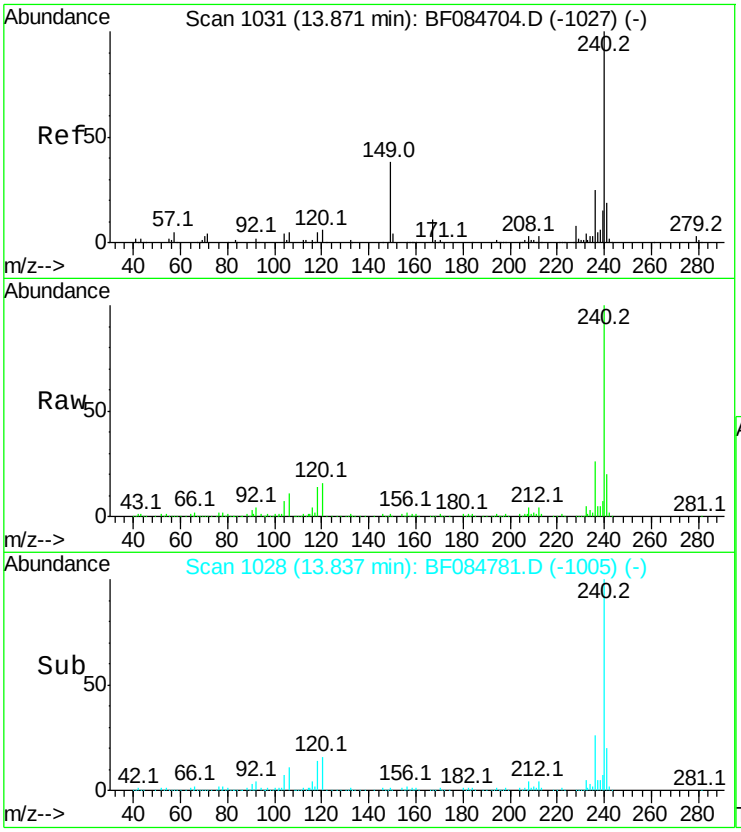


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:188 Resp: 679614

Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.4#
80	4.8	9.6	14.4#



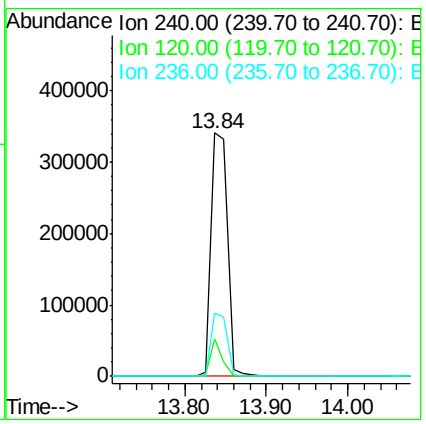


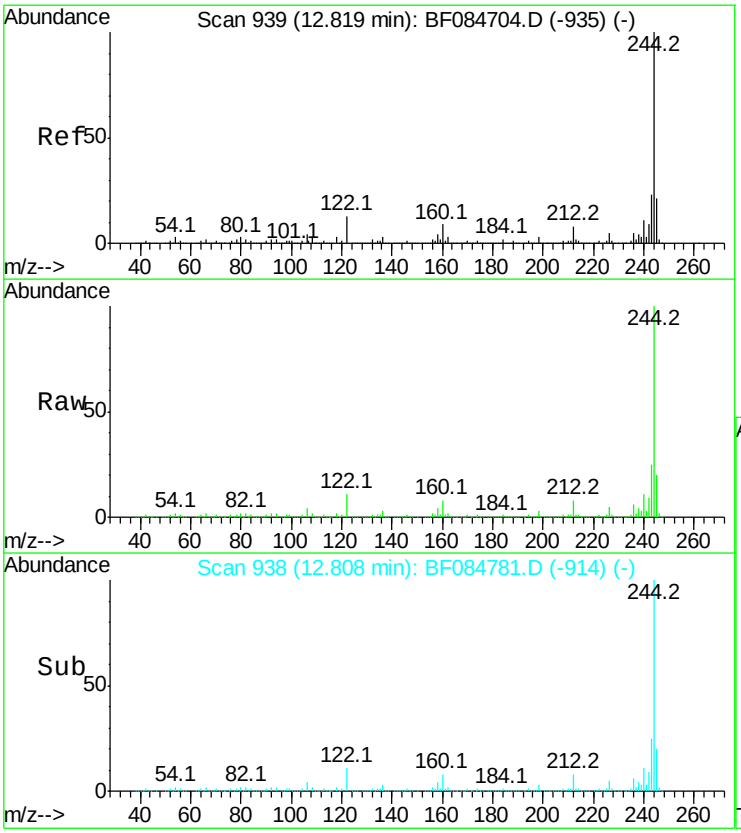
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:240 Resp: 479540

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.0	20.6	31.0

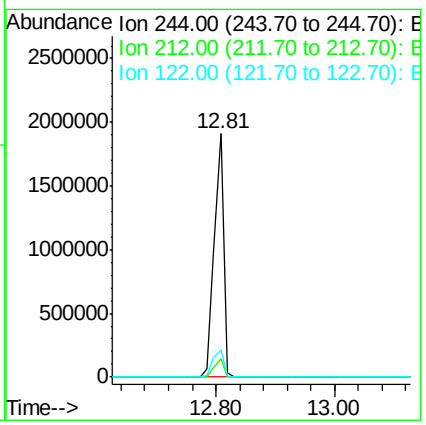


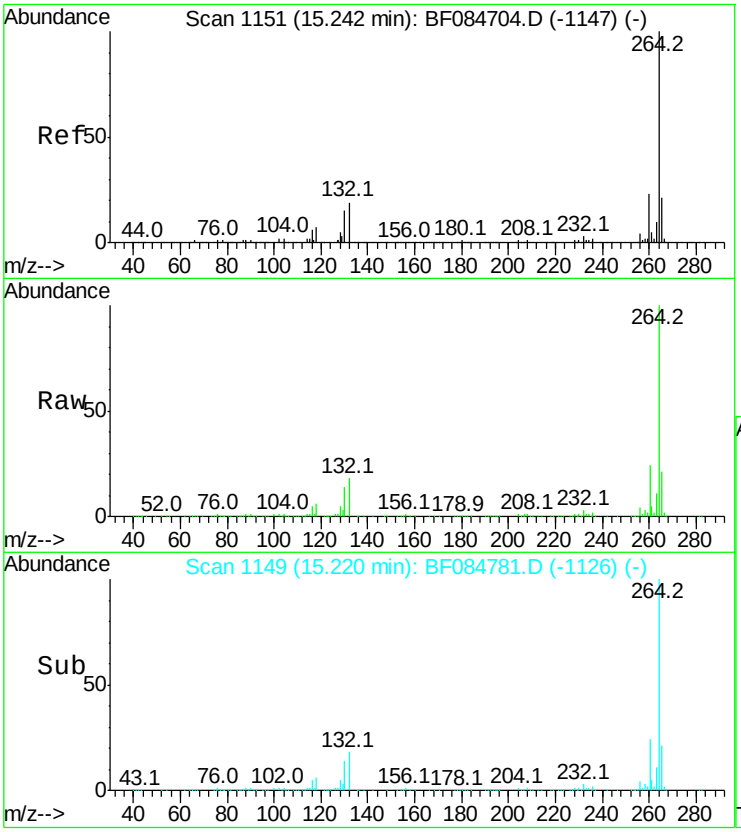


#78
Terphenyl-d14
Concen: 96.99 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084781.D
Acq: 3 Feb 2016 8:58

Tgt Ion:244 Resp: 2052575

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	11.1	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: BF084781.D
Acq: 3 Feb 2016 8:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-26-012916

Tgt Ion:264 Resp: 389895

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	17.8	26.6