Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085258.D
Acq On : 8 Mar 2016 16:24
Operator : UM/SJ
Sample : H1713-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-MW-01

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:33 PM

Quant Time: Mar 09 11:09:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145105	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	411098	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	257314	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	474262	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	289610	20.00	ng		-0.02
86) Perylene-d12	15.59	264	266972	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	123995	14.33	ng		0.05
7) Phenol-d6	6.61	99	276985	24.44	ng		0.00
23) Nitrobenzene-d5	7.54	82	748659	97.45	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	305509	138.76	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1606590	94.96	ng		-0.02
78) Terphenyl-d14	13.08	244	1123731	90.07	ng		-0.01
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	7.91	122	78465m	11.30	ng		
31) Naphthalene	8.30	128	6195534	306.49	ng		96
37) 2-Methylnaphthalene	8.97	142	1963537	151.37	ng		96
49) Dimethylphthalate	9.72	163	69191	3.50	ng	#	96

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

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
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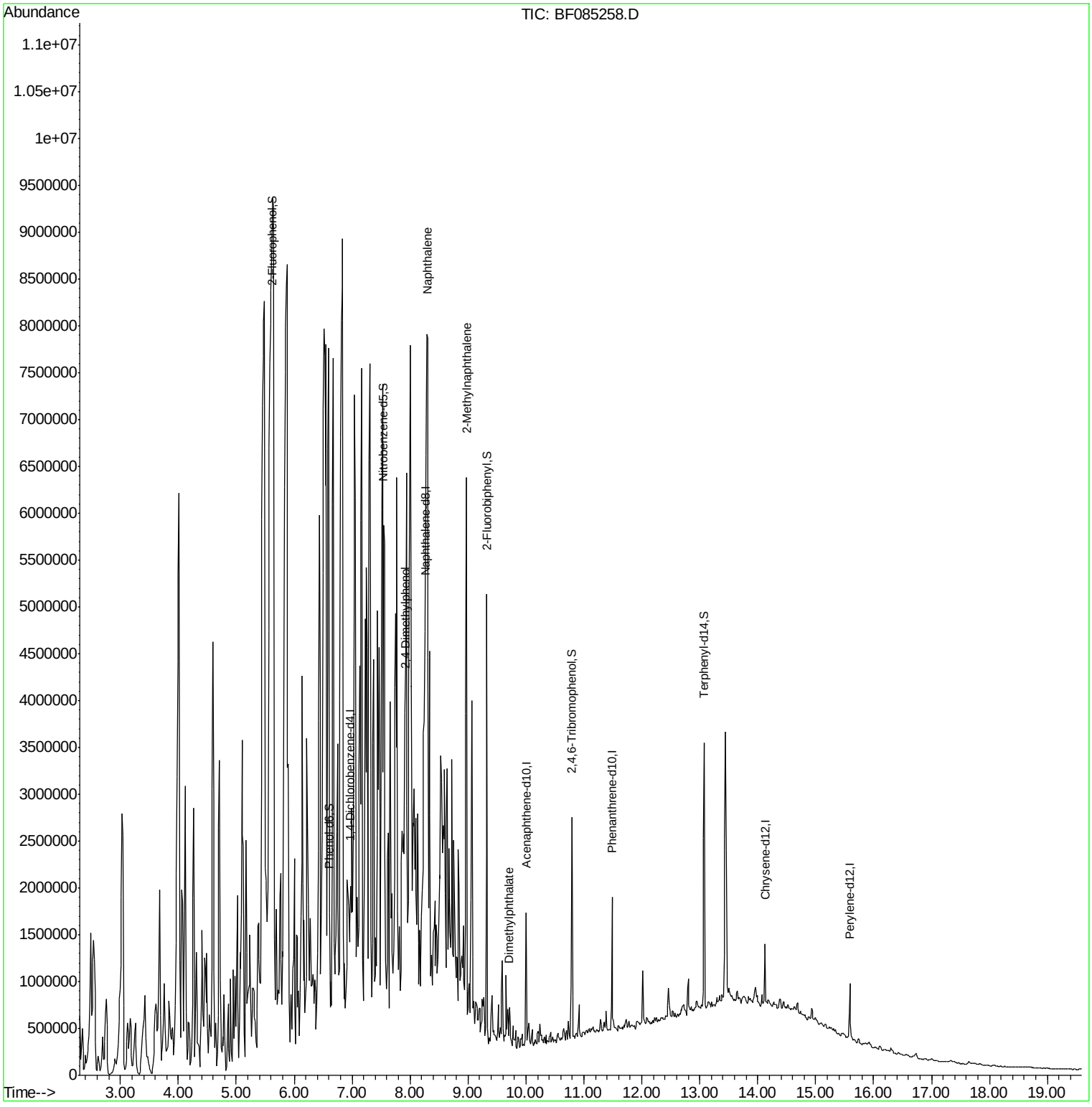
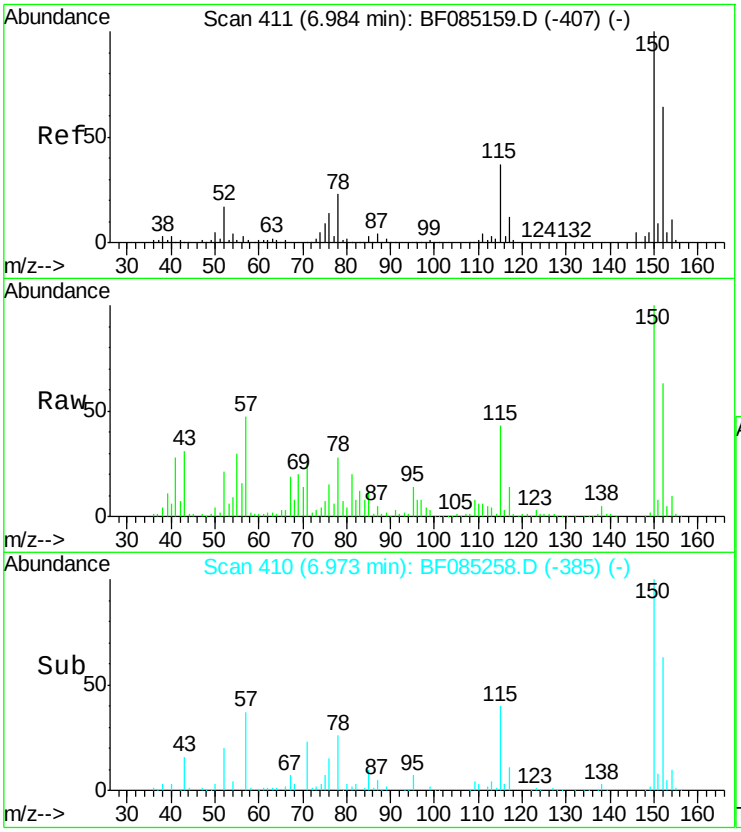
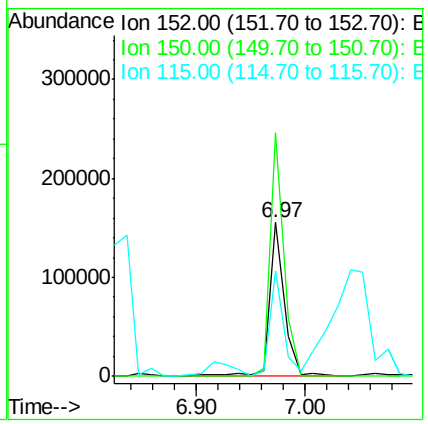




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:152 Resp: 145105

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	68.6	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Manual Integrations APPROVED
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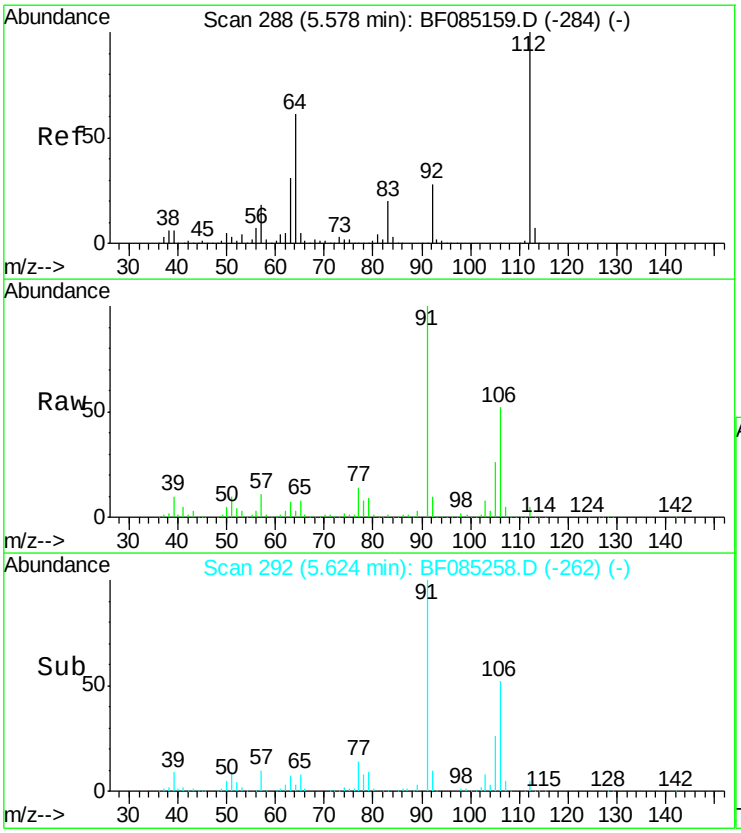
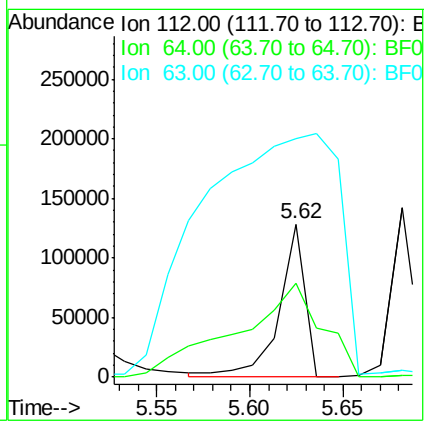
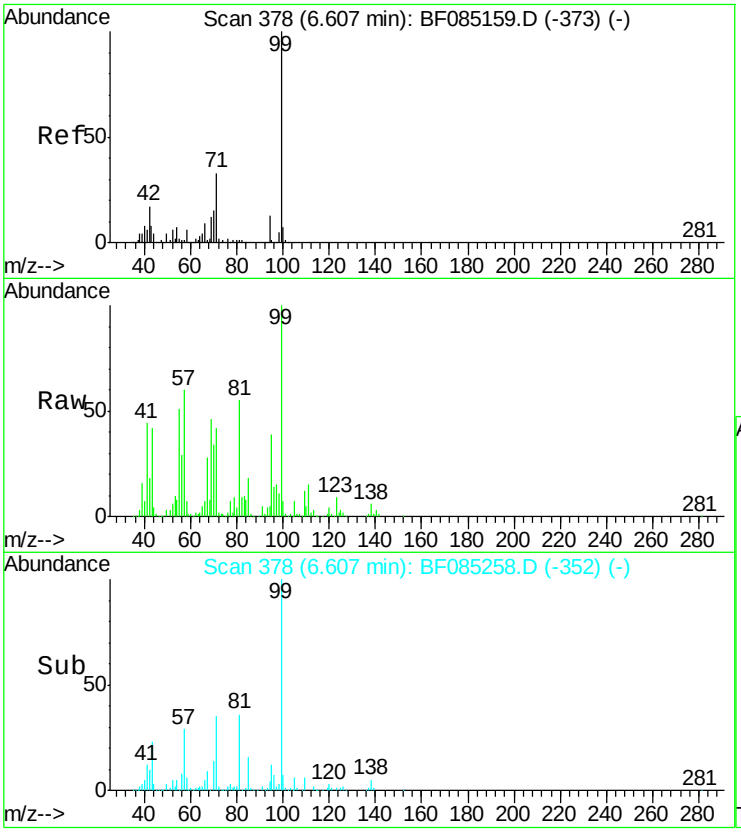


#5
2-Fluorophenol
Concen: 14.33 ng
RT: 5.62 min Scan# 292
Delta R.T. 0.05 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:112 Resp: 123995

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.0	73.4
63	156.2	24.8	37.2#

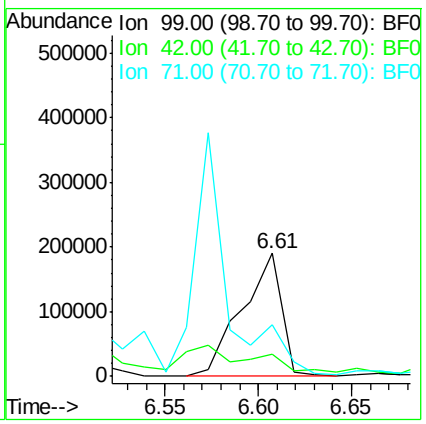




#7
Phenol-d6
Concen: 24.44 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 99 Resp: 276985

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.6	20.4
71	42.3	26.7	40.1#



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Manual Integrations APPROVED
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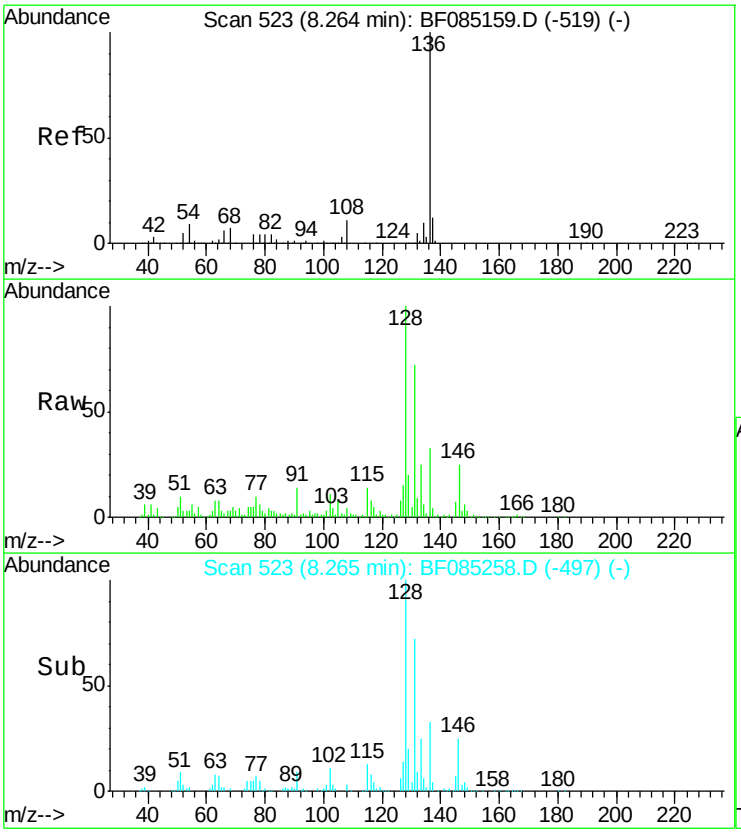
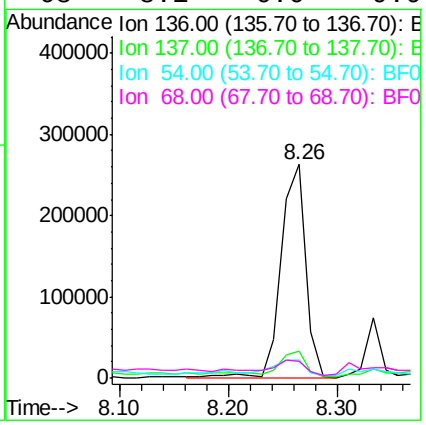
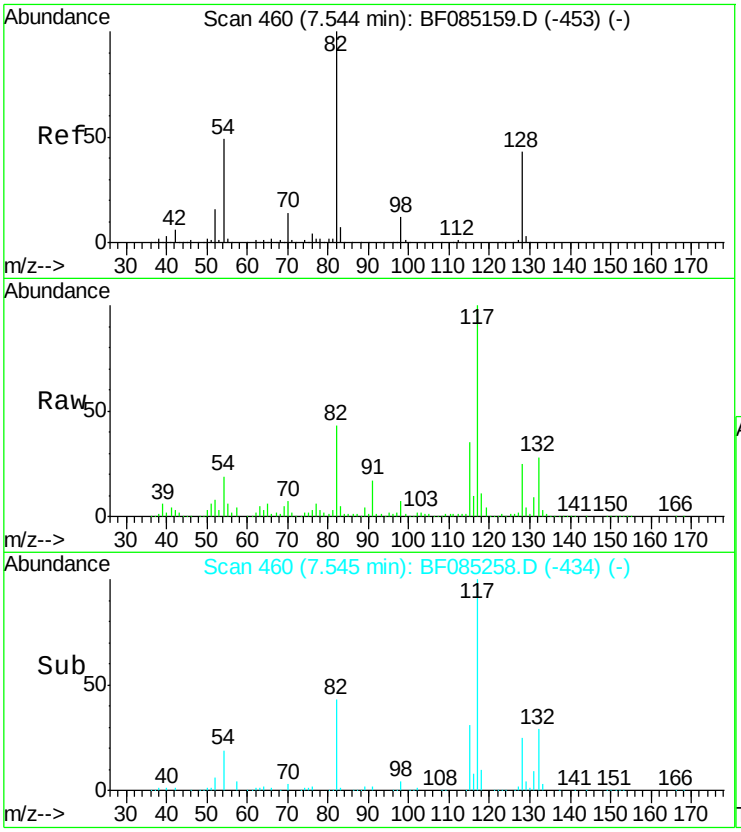


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:136 Resp: 411098

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	8.1	7.4	11.2
68	8.1	6.0	9.0

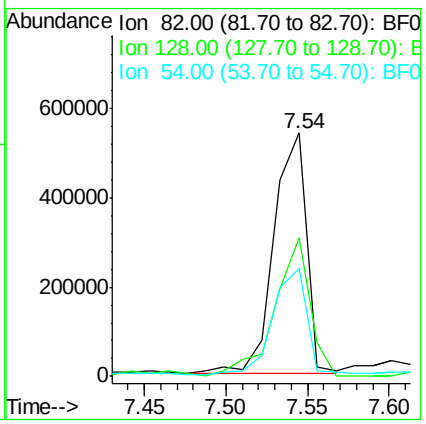




#23
Nitrobenzene-d5
Concen: 97.45 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 82 Resp: 748659

Ion	Ratio	Lower	Upper
82	100		
128	56.8	34.5	51.7#
54	44.3	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Manual Integrations APPROVED
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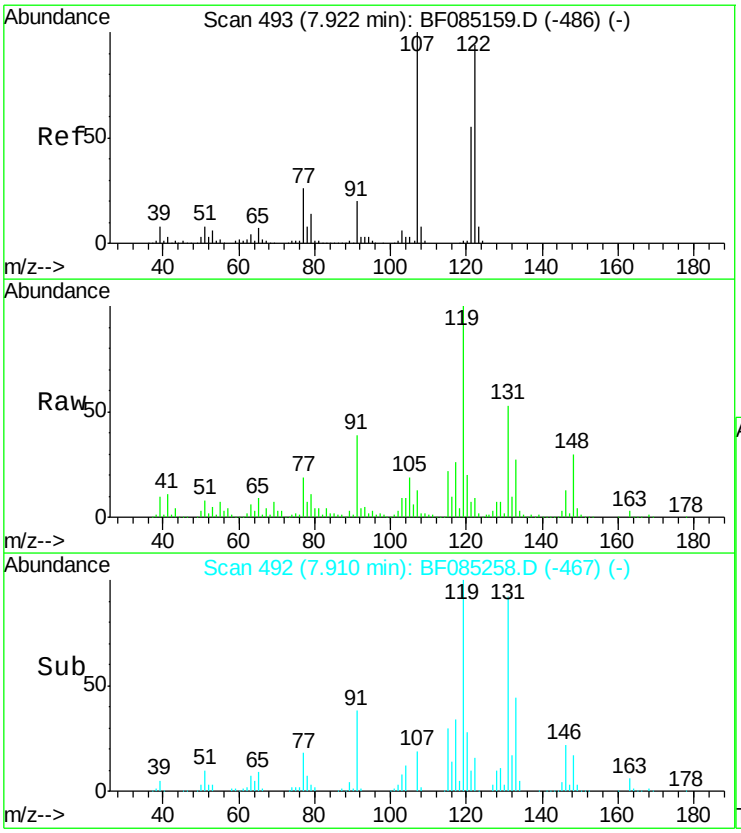
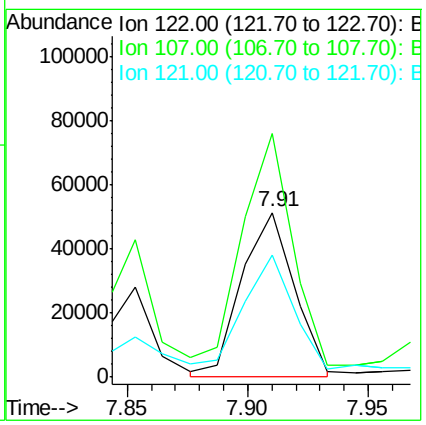
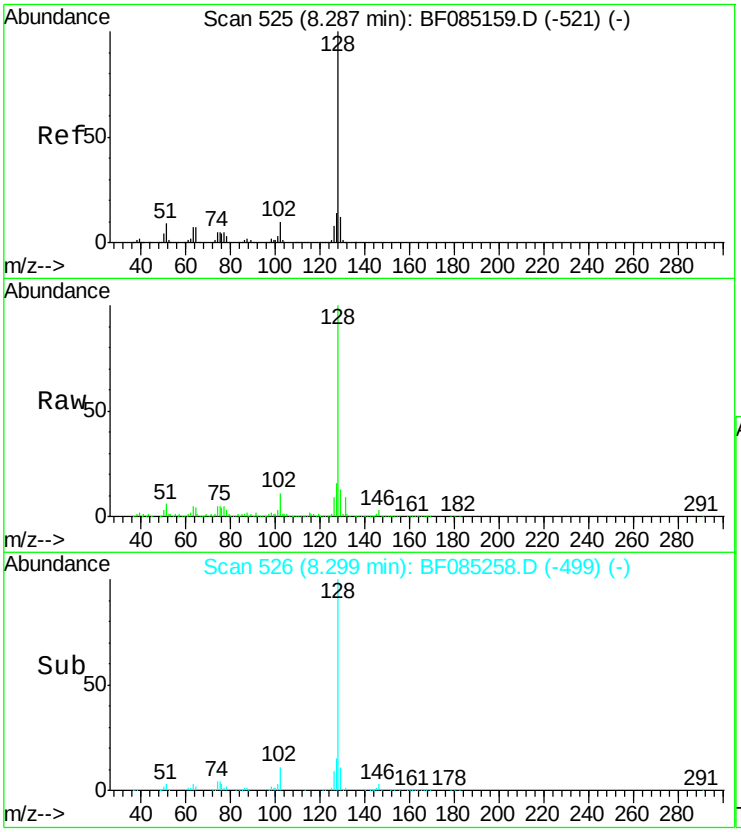


#27
2,4-Dimethylphenol
Concen: 11.30 ng m
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:122 Resp: 78465

Ion	Ratio	Lower	Upper
122	100		
107	147.9	84.8	127.2#
121	74.5	47.0	70.6#

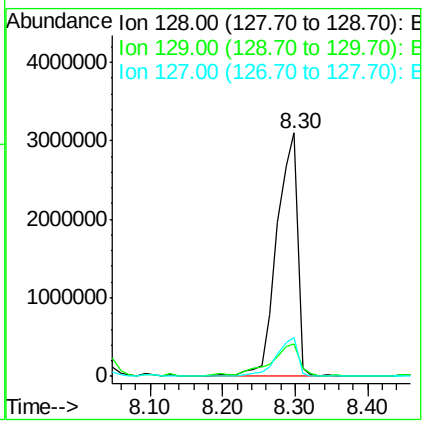




#31
Naphthalene
Concen: 306.49 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:128 Resp: 6195534

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.7	14.5
127	16.1	11.2	16.8



Instrument :
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ClientSampleId :
S4-MW-01

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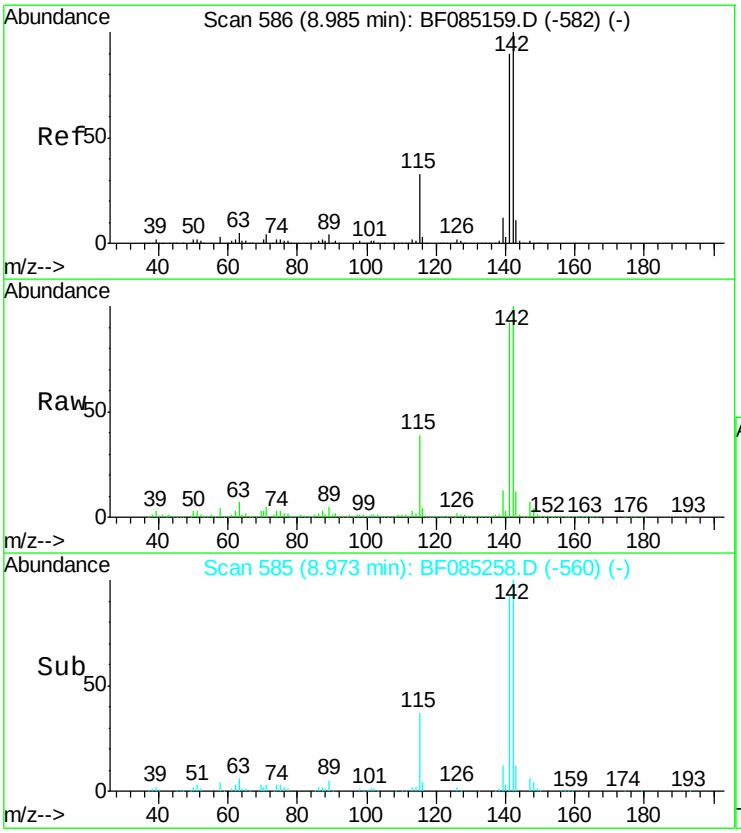
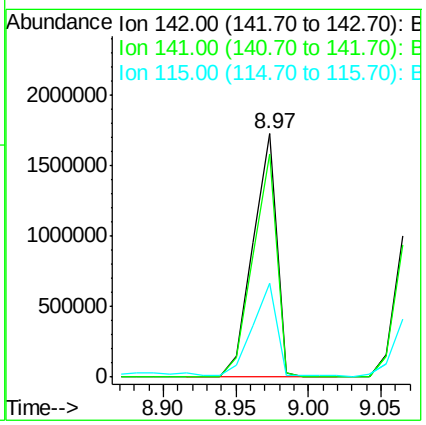
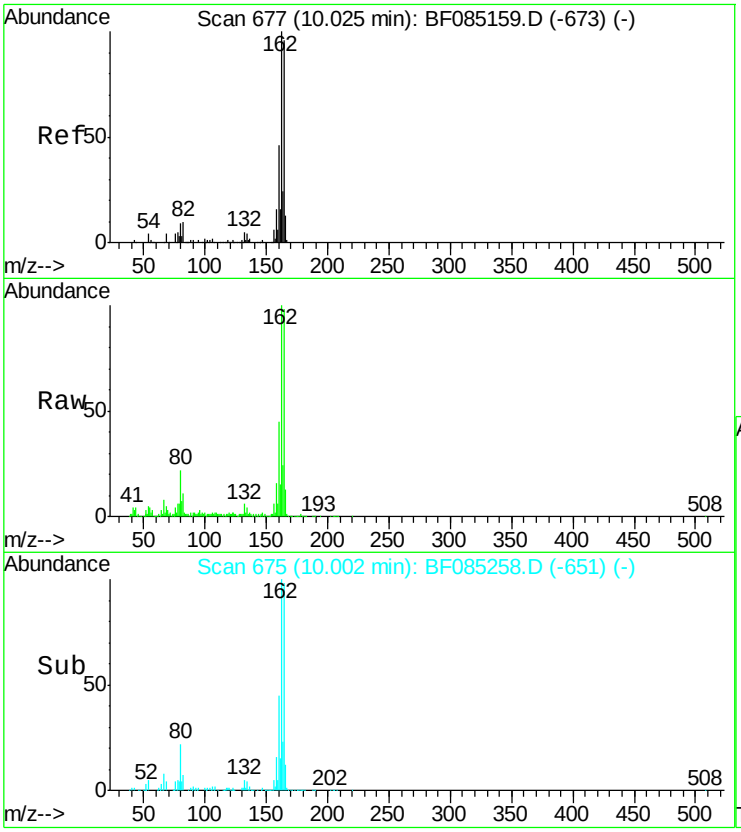


#37
2-Methylnaphthalene
Concen: 151.37 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:142 Resp: 1963537

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.7	107.5
115	38.7	26.2	39.4

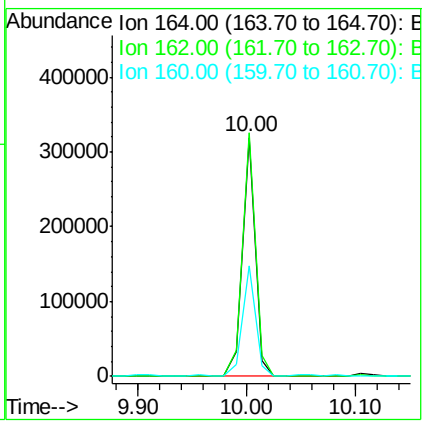




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:164 Resp: 257314

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.3	124.9
160	46.2	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Manual Integrations APPROVED
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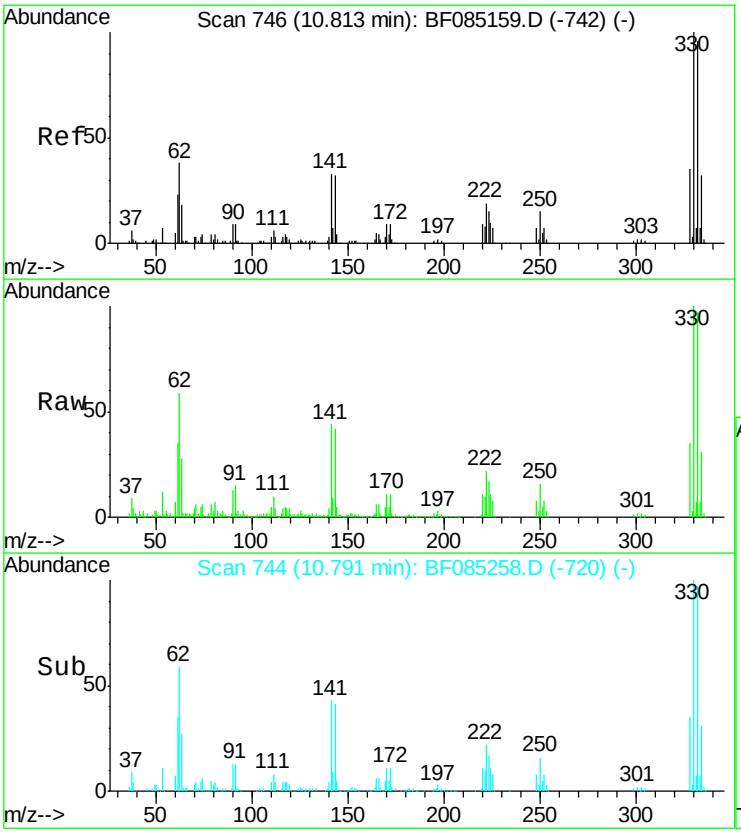
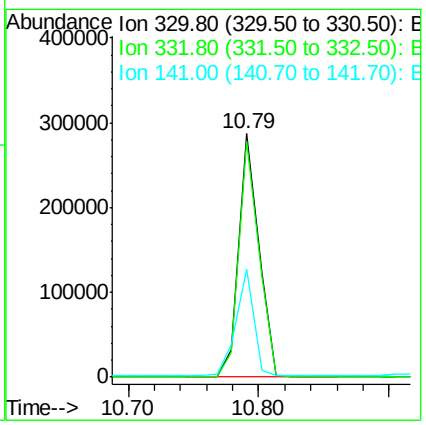
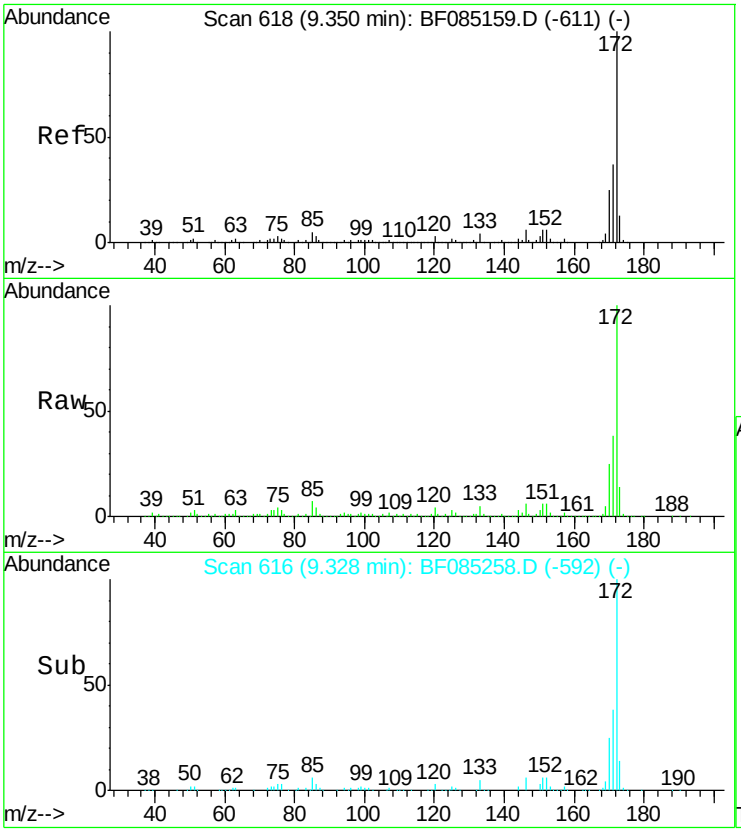


#41
2,4,6-Tribromophenol
Concen: 138.76 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:330 Resp: 305509

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.0	35.0	52.6

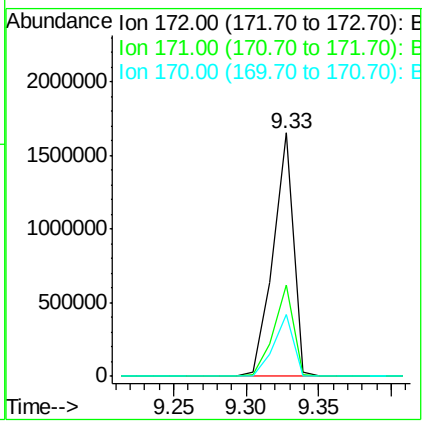




#44
2-Fluorobiphenyl
Concen: 94.96 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:172 Resp: 1606590

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.3	43.9
170	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Manual Integrations APPROVED
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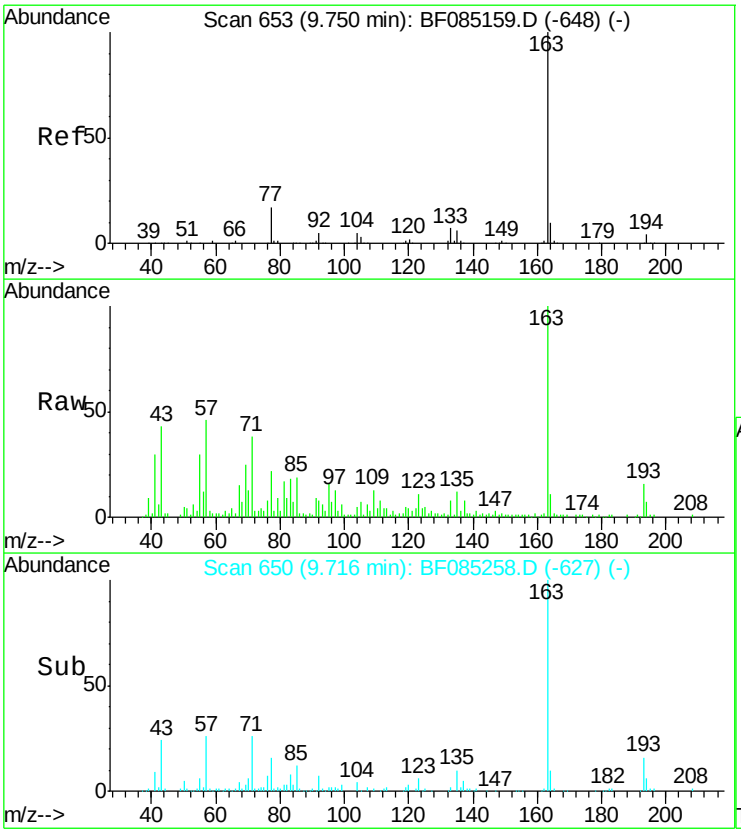
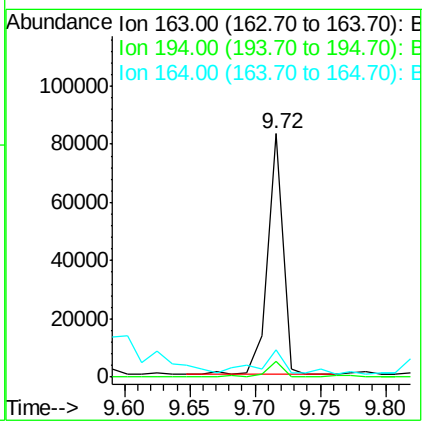
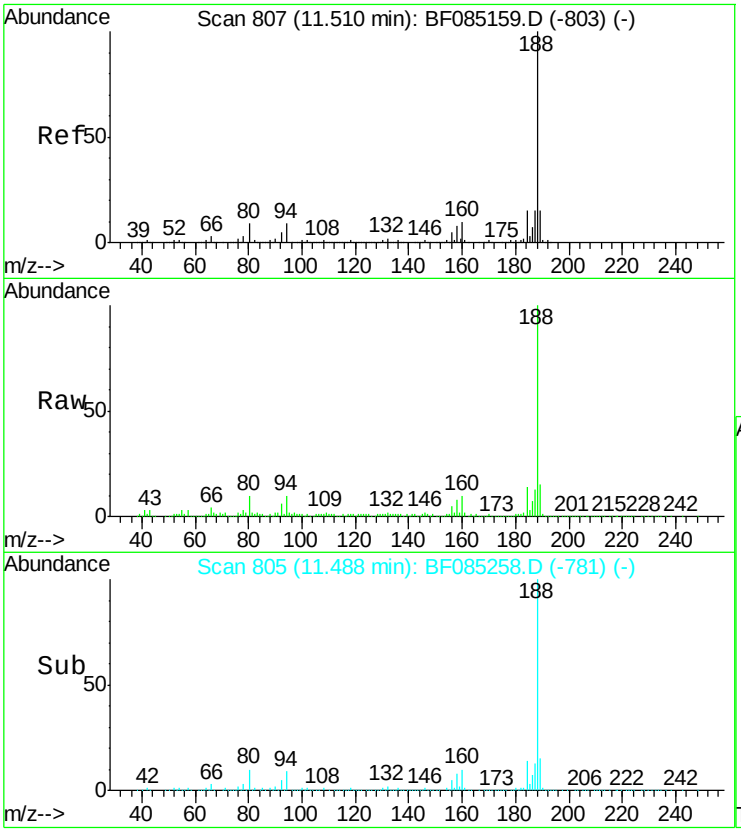


#49
Dimethylphthalate
Concen: 3.50 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:163 Resp: 69191

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.1	4.7#
164	11.3	8.2	12.4

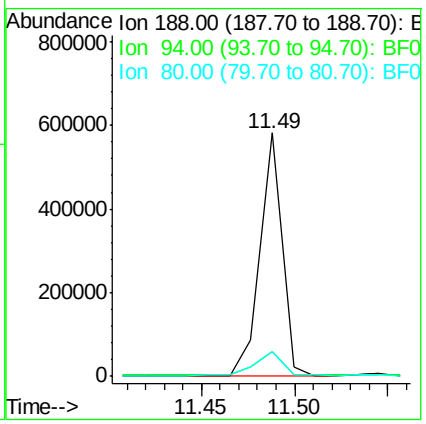




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:188 Resp: 474262

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	10.2	7.4	11.0



Instrument :
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ClientSampleId :
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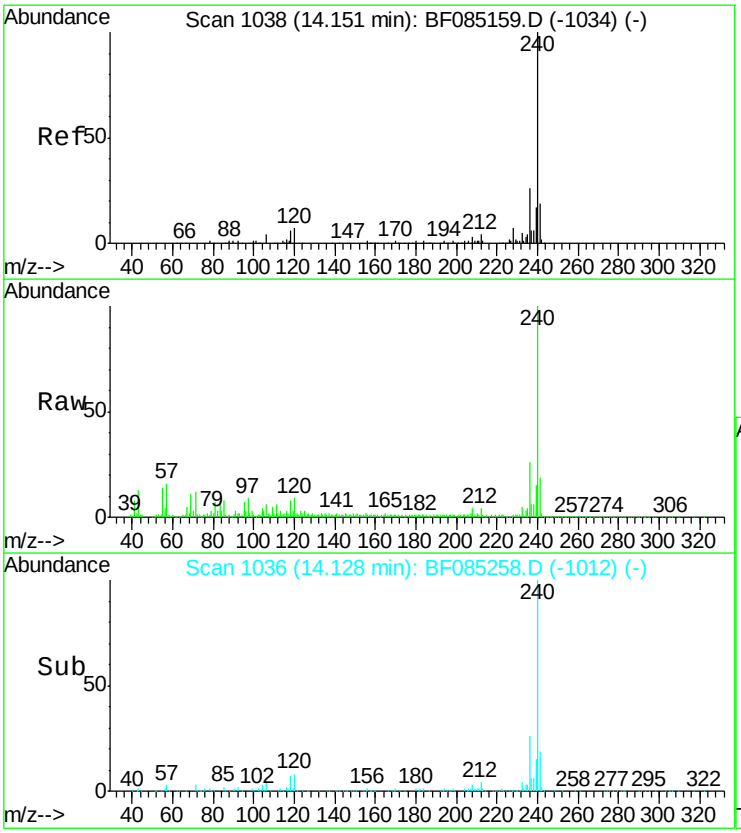
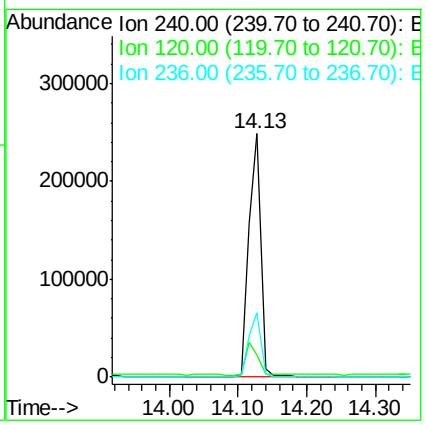
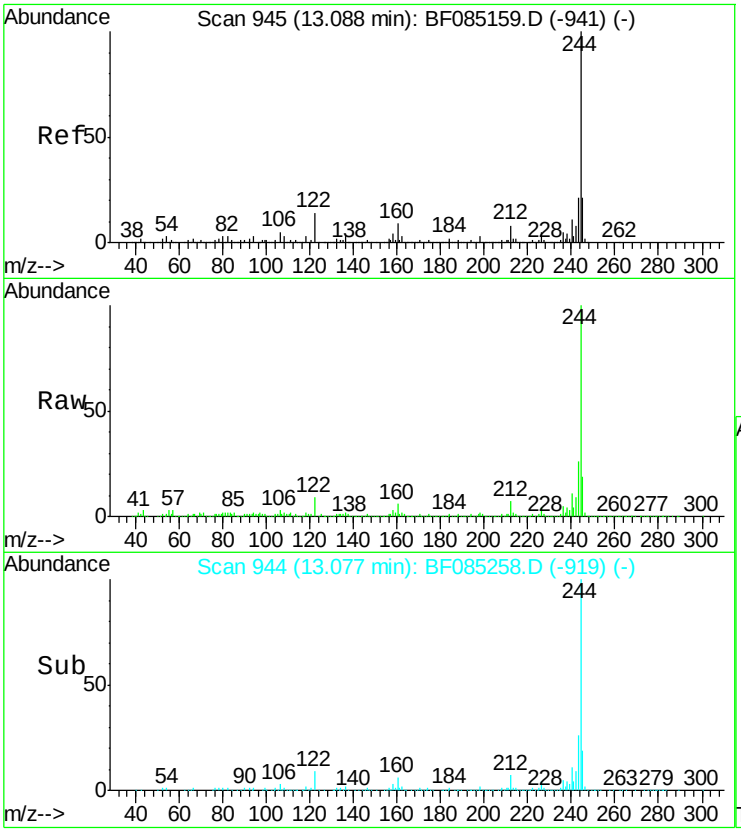


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:240 Resp: 289610

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.3	7.9#
236	26.3	20.7	31.1

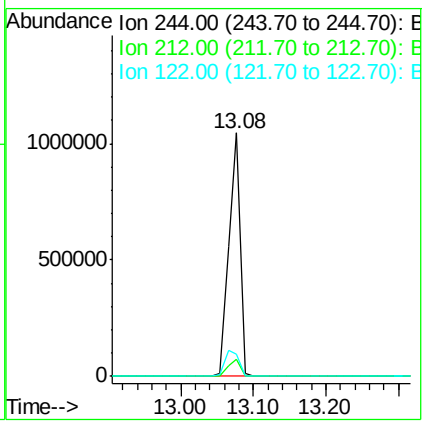




#78
Terphenyl-d14
Concen: 90.07 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:244 Resp: 1123731

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.0	11.4	17.2#



Instrument :
BNA_F
ClientSampleId :
S4-MW-01

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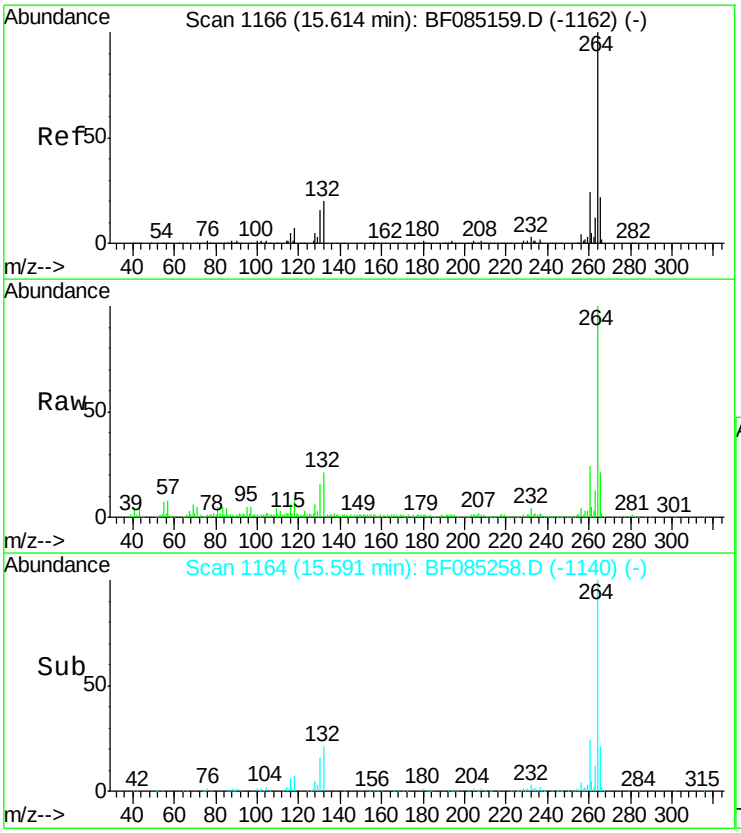

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:264 Resp: 266972

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.3	25.9