Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085270.D
Acq On : 8 Mar 2016 22:07
Operator : UM/SJ
Sample : H1699-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:47 AM

Quant Time: Mar 09 01:11:00 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	6.96	152	159753	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	599347	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288685	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	538828	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	356518	20.00	ng	-0.03
86) Perylene-d12	15.58	264	258252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1164742	122.30	ng	0.00
7) Phenol-d6	6.58	99	1232589	98.78	ng	-0.02
23) Nitrobenzene-d5	7.52	82	949112	84.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	367873	148.93	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1747668	92.07	ng	-0.02
78) Terphenyl-d14	13.08	244	1696334	110.45	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.26	128	795128	26.98	ng	98

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

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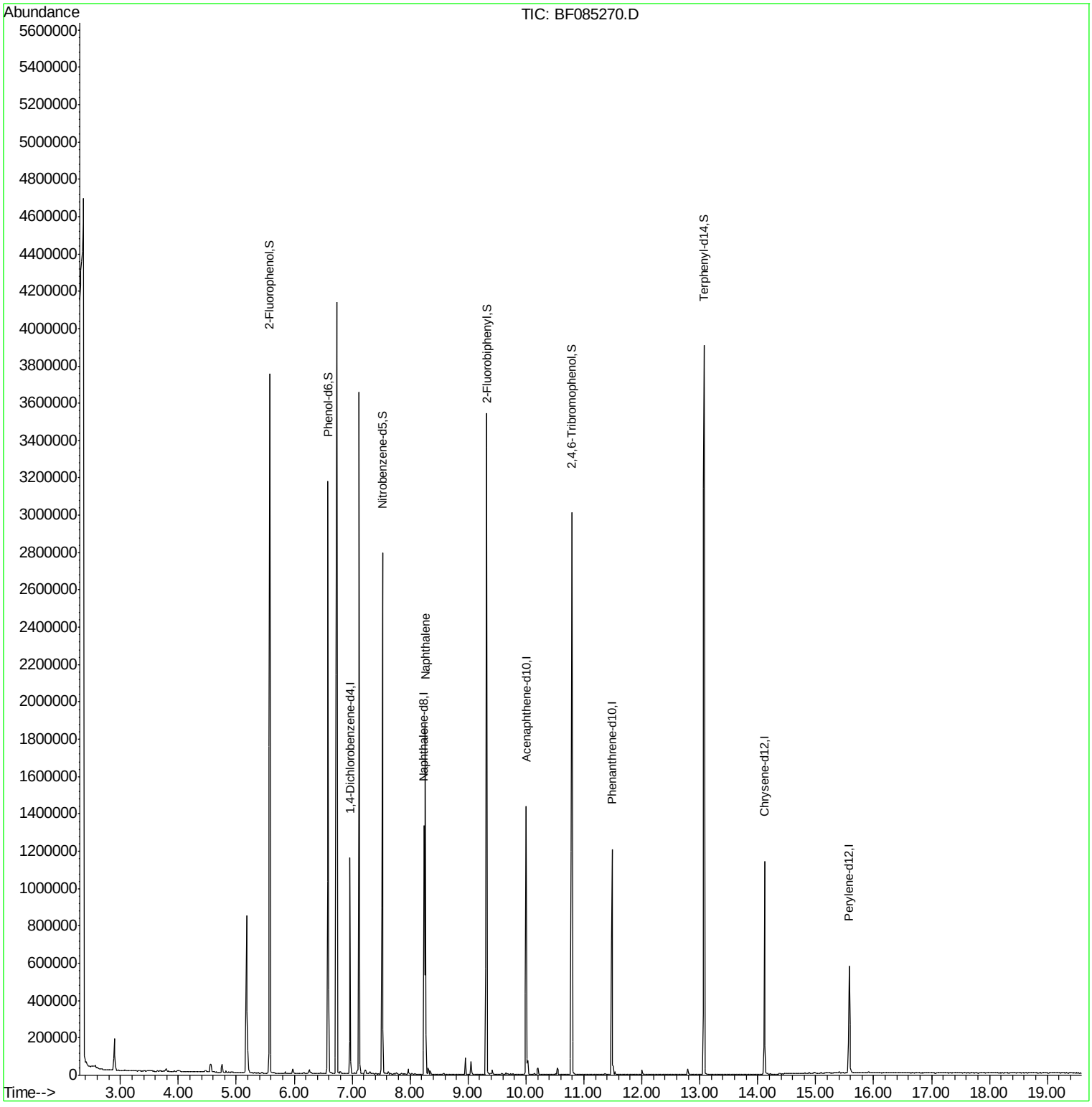
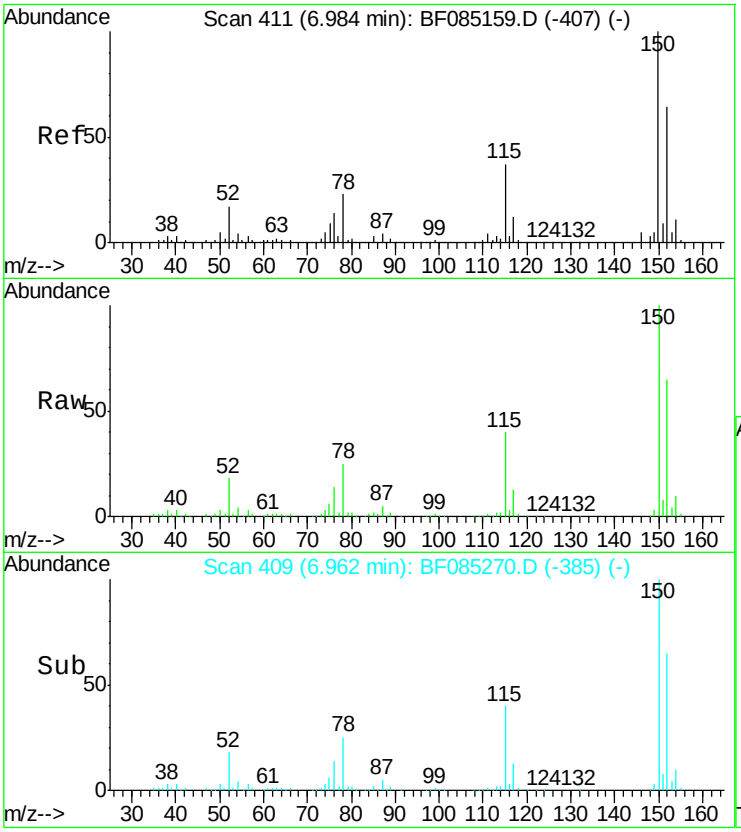
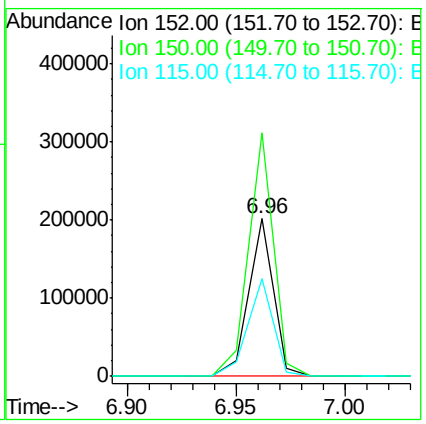




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:152 Resp: 159753

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.6	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Manual Integrations APPROVED
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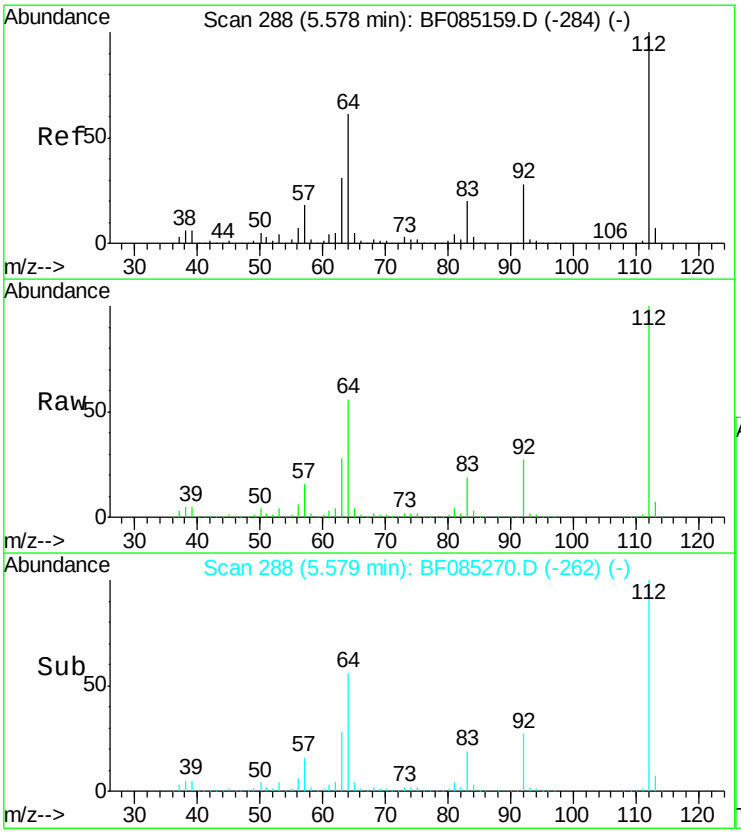
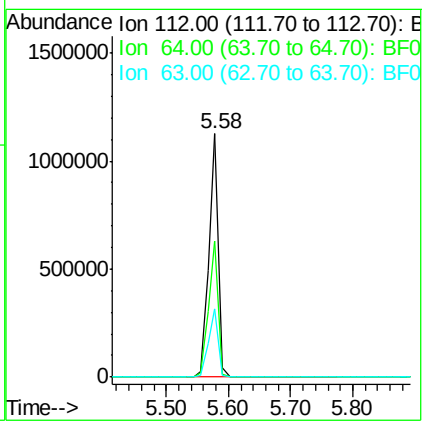
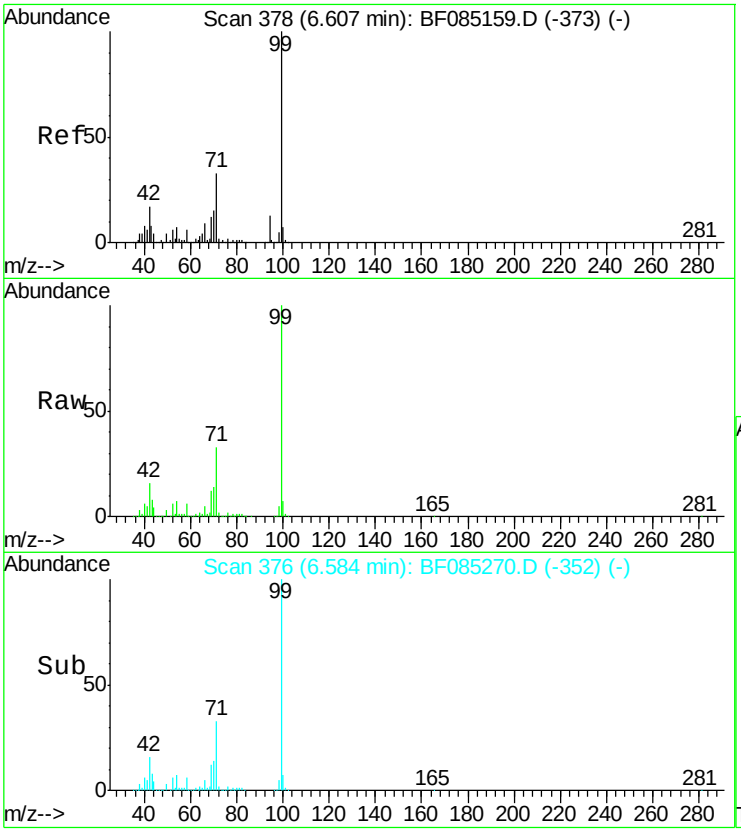


#5
2-Fluorophenol
Concen: 122.30 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:112 Resp: 1164742

Ion	Ratio	Lower	Upper
112	100		
64	55.8	49.0	73.4
63	28.1	24.8	37.2

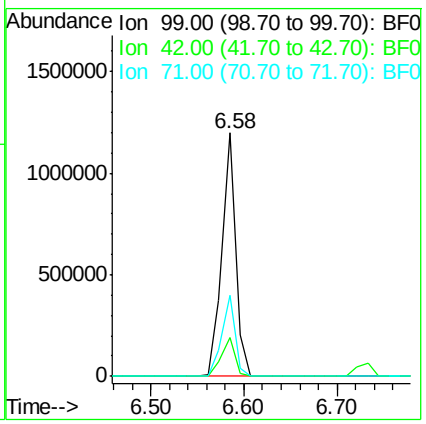




#7
Phenol-d6
Concen: 98.78 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion: 99 Resp: 1232589

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	33.2	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

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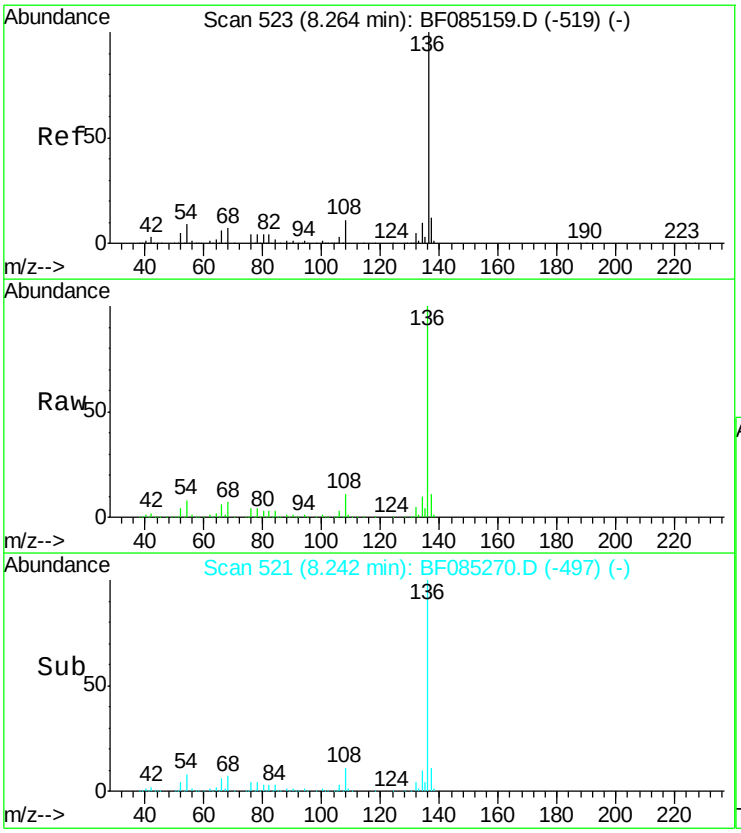
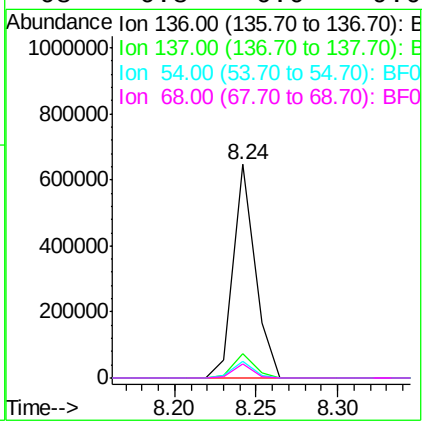
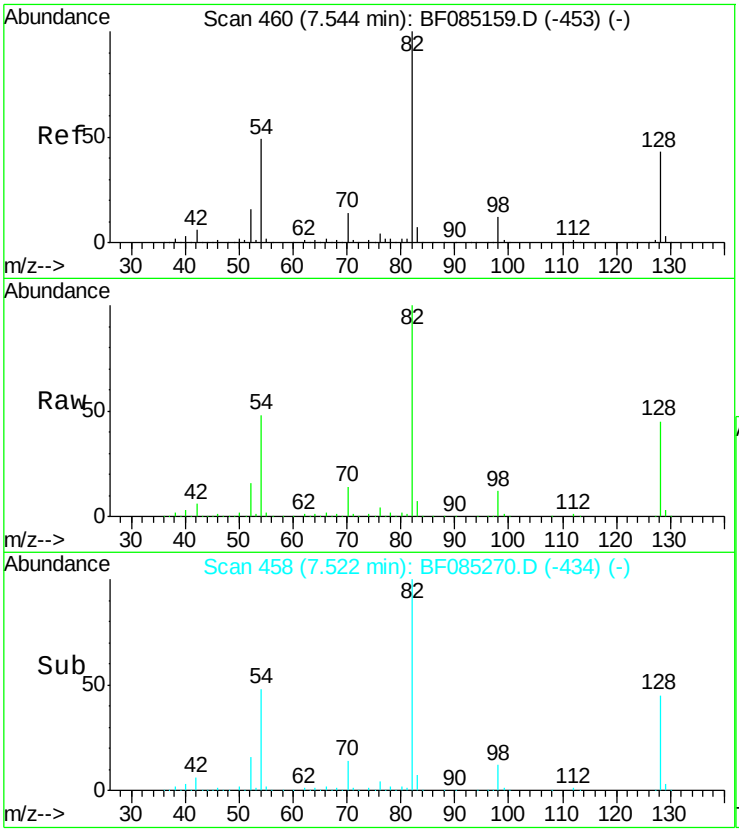


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:136 Resp: 599347

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.1	7.4	11.2
68	6.8	6.0	9.0

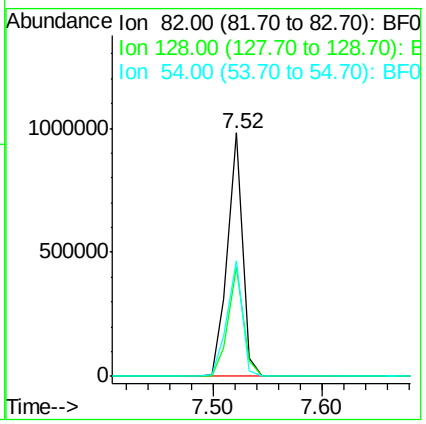




#23
Nitrobenzene-d5
Concen: 84.74 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion: 82 Resp: 949112

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.5	51.7
54	47.7	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Manual Integrations APPROVED
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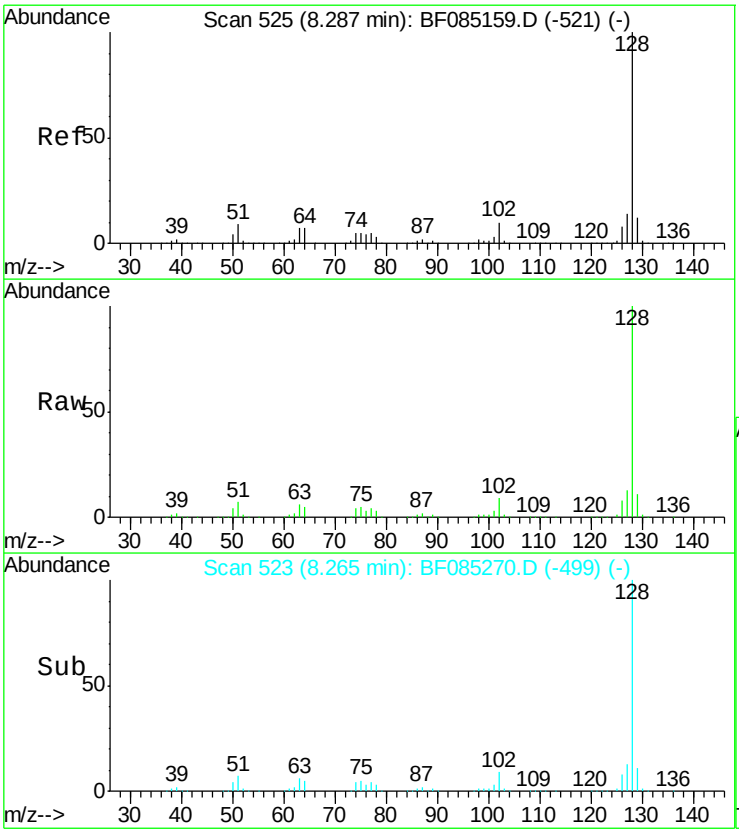
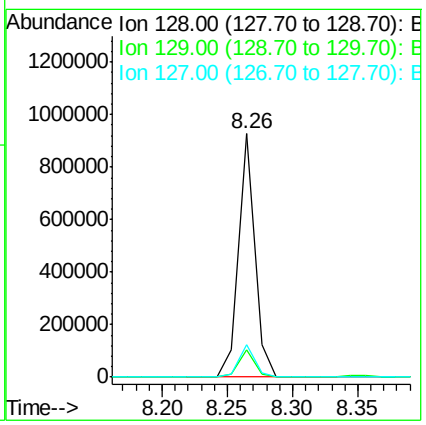
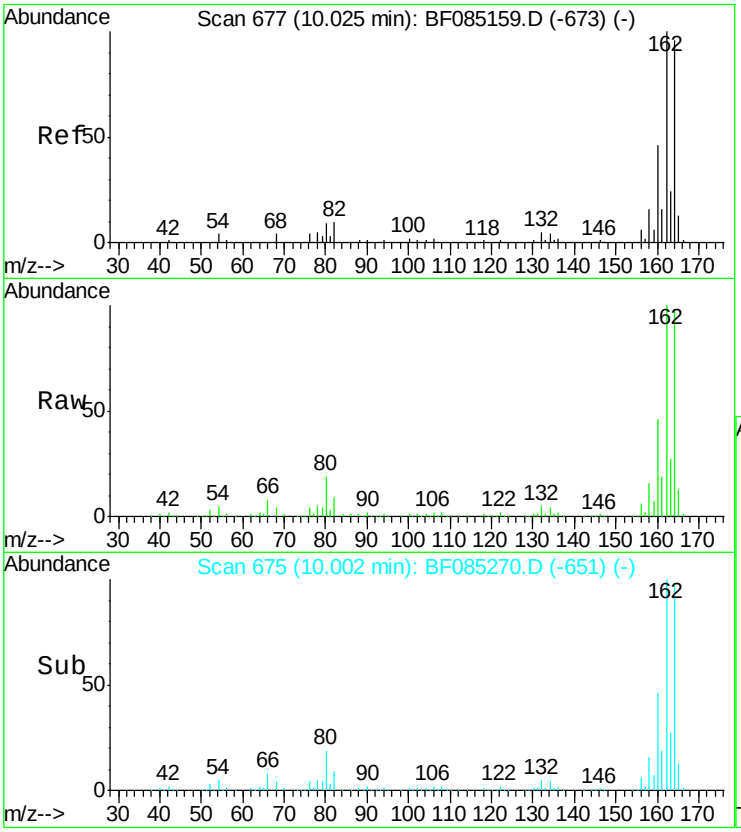


#31
Naphthalene
Concen: 26.98 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:128 Resp: 795128

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.4	11.2	16.8

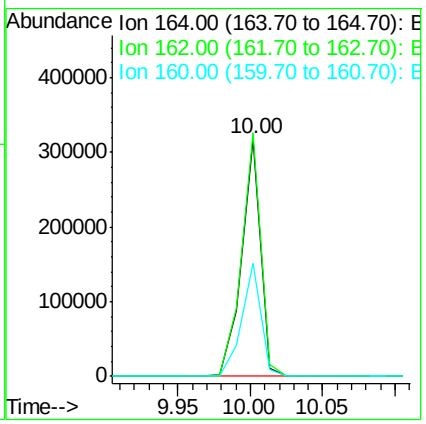




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:164 Resp: 288685

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.3	124.9
160	47.4	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

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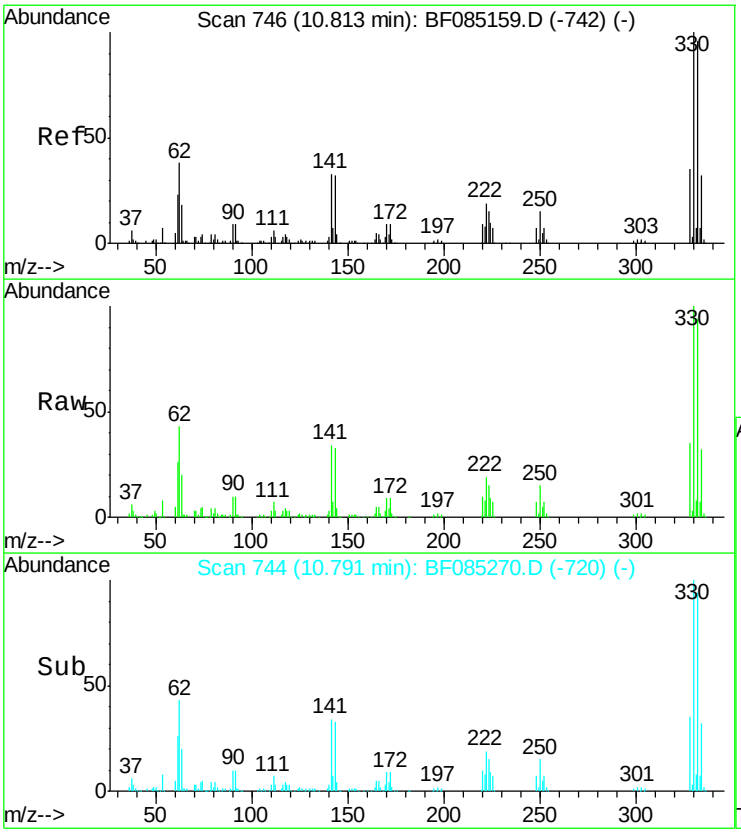
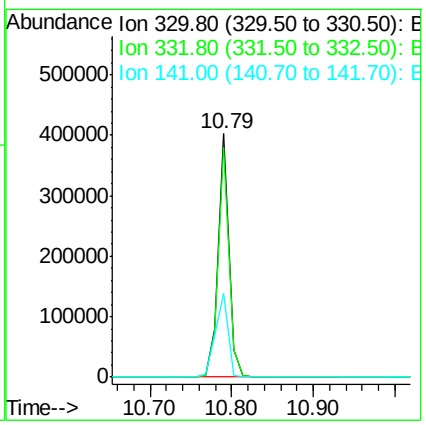
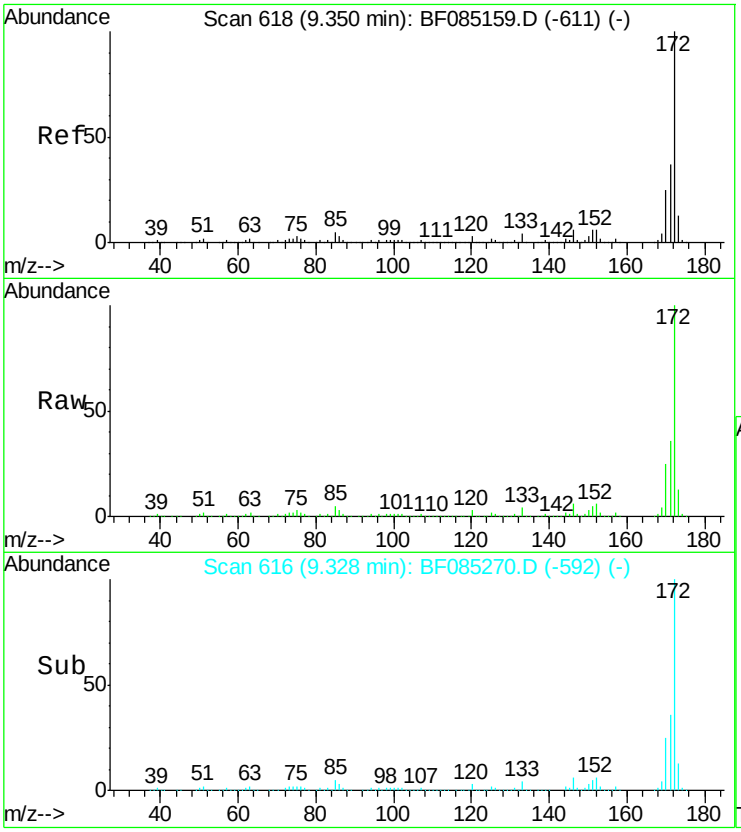


#41
2,4,6-Tribromophenol
Concen: 148.93 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:330 Resp: 367873

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	40.8	35.0	52.6

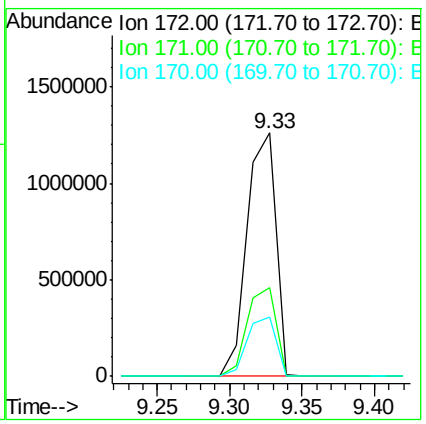




#44
2-Fluorobiphenyl
Concen: 92.07 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:172 Resp: 1747668

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.6	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

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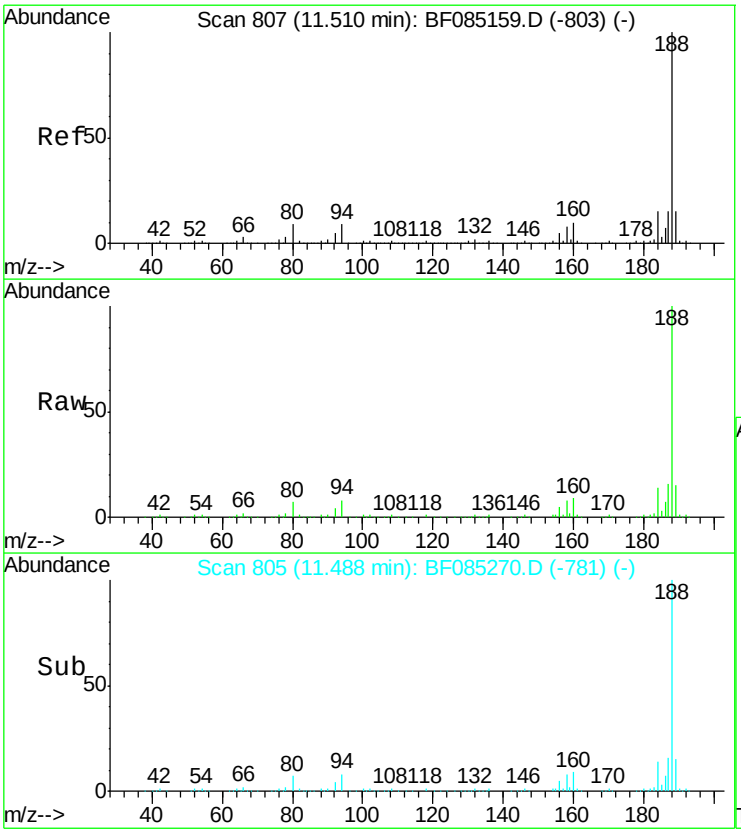
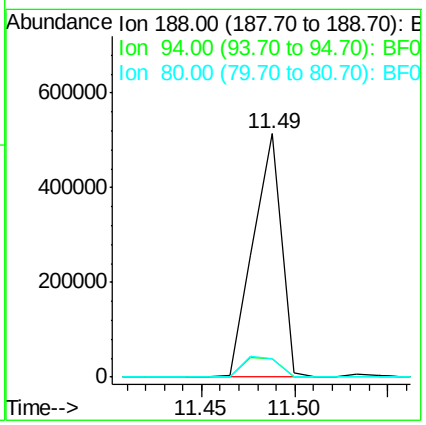
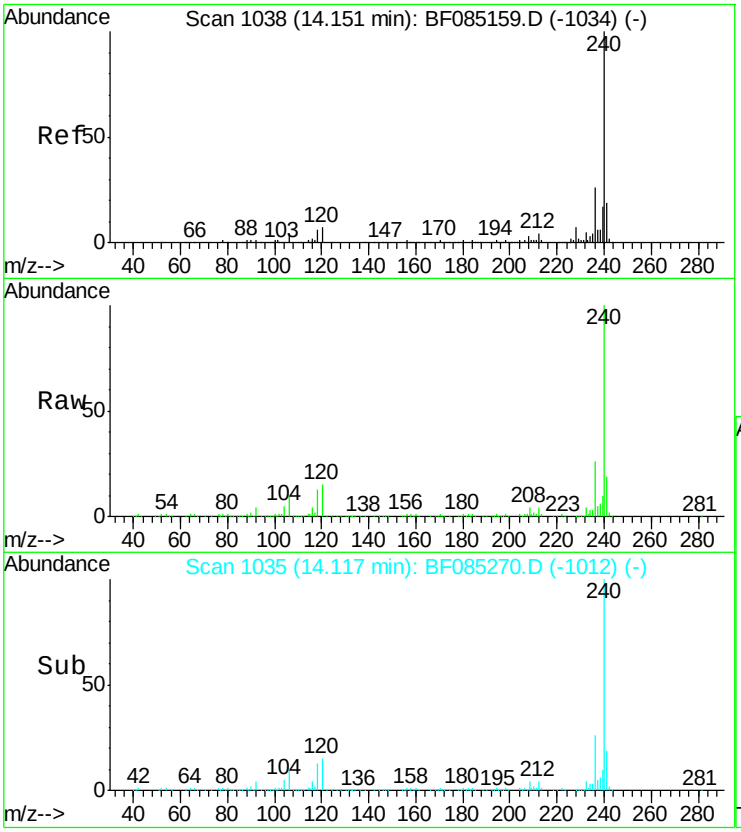


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:188 Resp: 538828

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	7.4	7.4	11.0





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:240 Resp: 356518

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.3	7.9#
236	26.1	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
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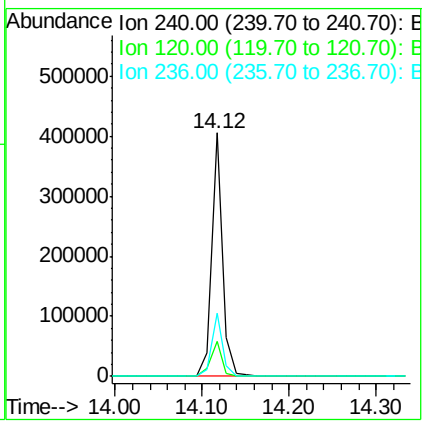
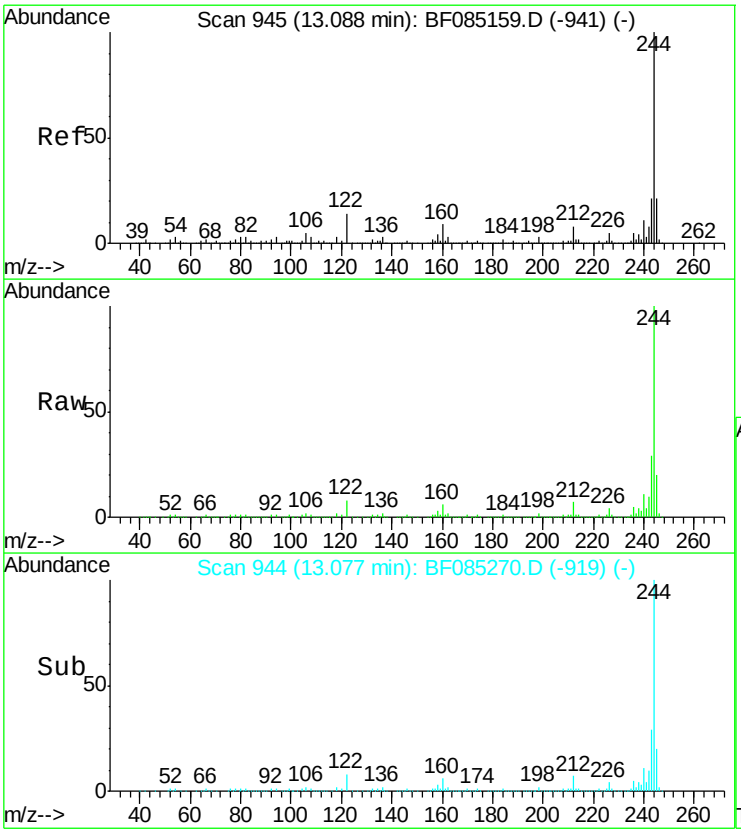
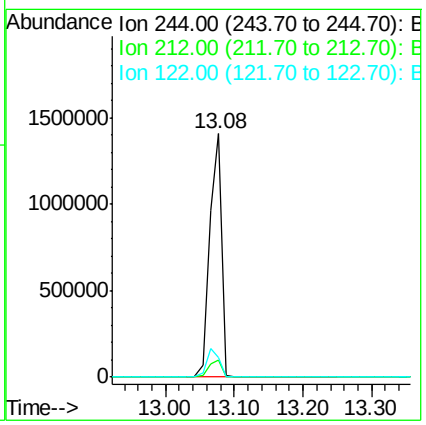


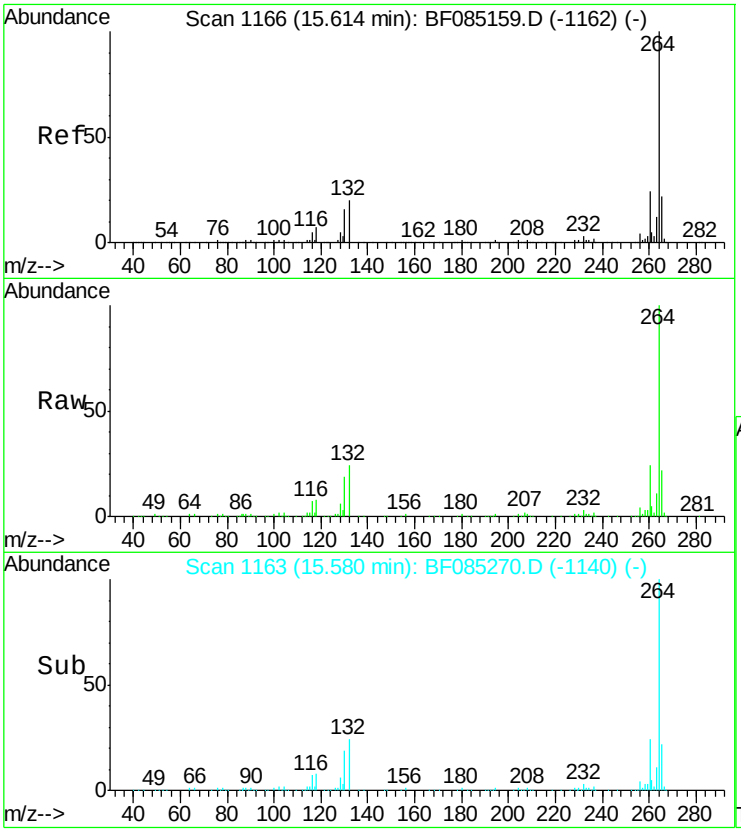


#78
Terphenyl-d14
Concen: 110.45 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:244 Resp: 1696334

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	7.9	11.4	17.2#

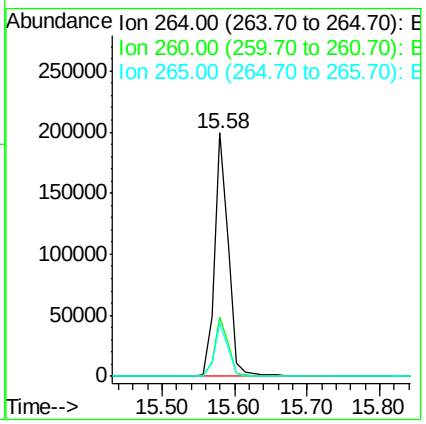




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion:264 Resp: 258252

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.3	25.9



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