Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085392.D
Acq On : 12 Mar 2016 00:46
Operator : UM/SJ
Sample : H1743-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MNR-NWP-RW3

Quant Time: Mar 12 02:20:25 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	6.94	152	145822	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	536627	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	249574	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	396293	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	272462	20.00	ng	-0.05
86) Perylene-d12	15.57	264	259529	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	626108	72.02	ng	-0.05
7) Phenol-d6	6.56	99	559100	49.09	ng	-0.05
23) Nitrobenzene-d5	7.50	82	895778	89.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	303195	141.98	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1631219	99.40	ng	-0.05
78) Terphenyl-d14	13.05	244	1073550	91.47	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.94	142	93970	5.55	ng	98

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

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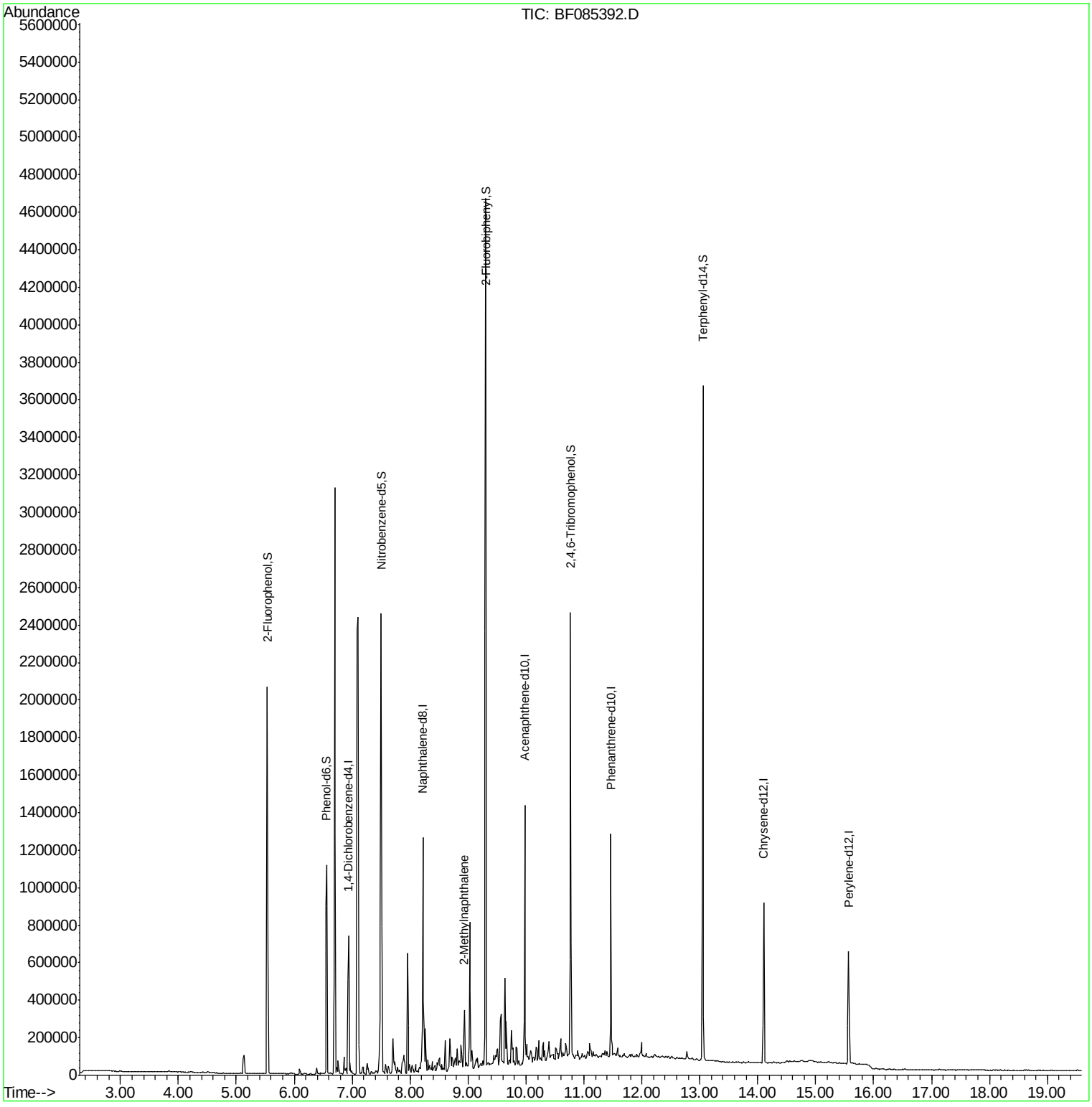
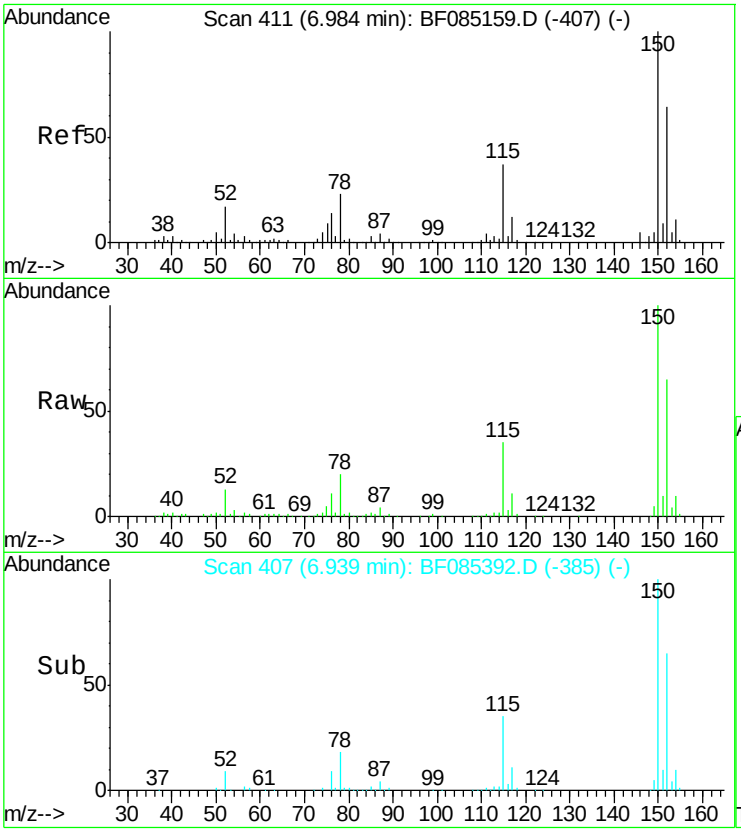


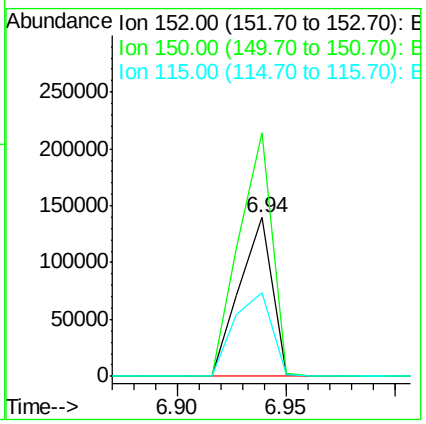


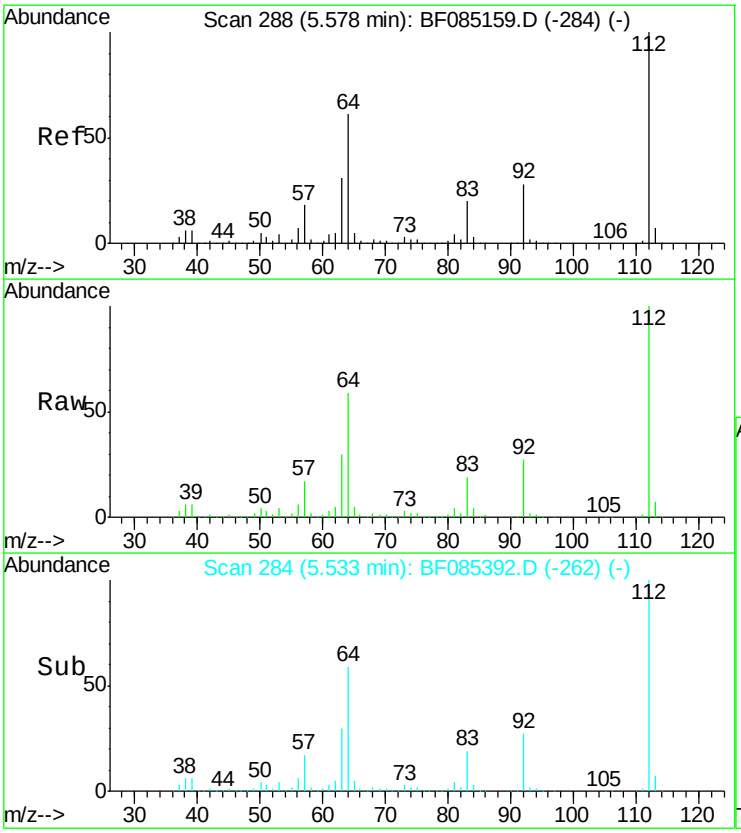
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion:152 Resp: 145822

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	53.0	46.6	70.0

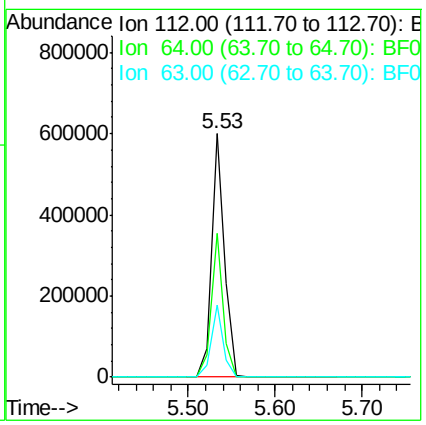


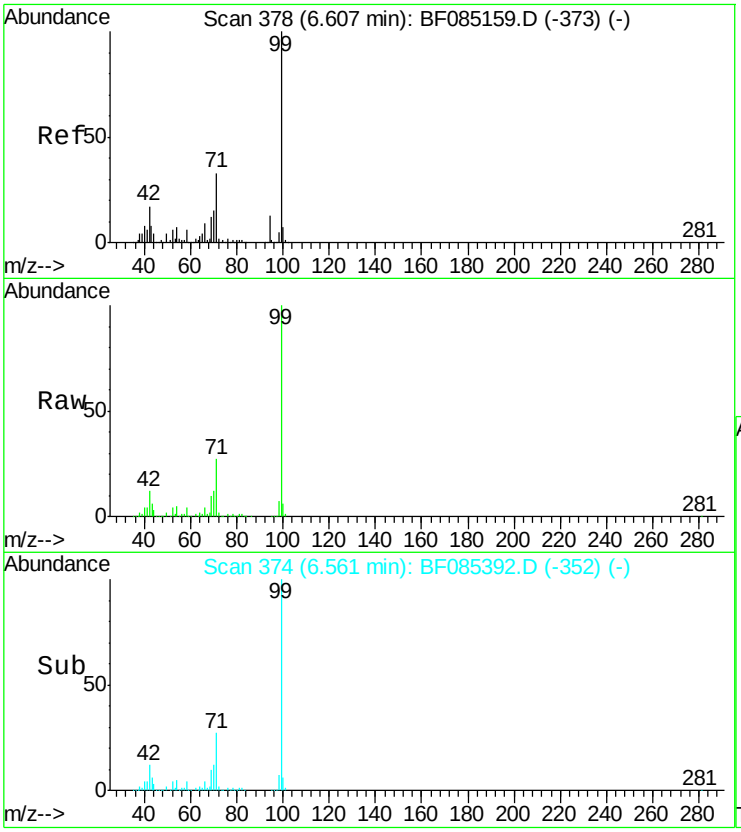


#5
2-Fluorophenol
Concen: 72.02 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:112 Resp: 626108

Ion	Ratio	Lower	Upper
112	100		
64	59.0	49.0	73.4
63	29.7	24.8	37.2



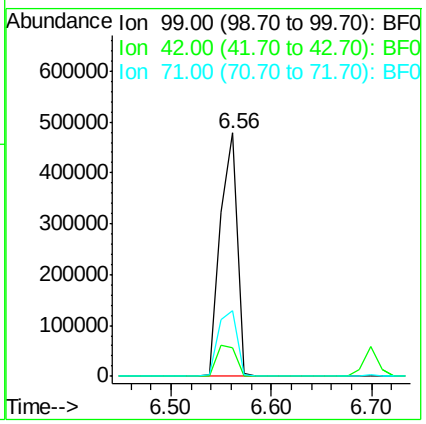


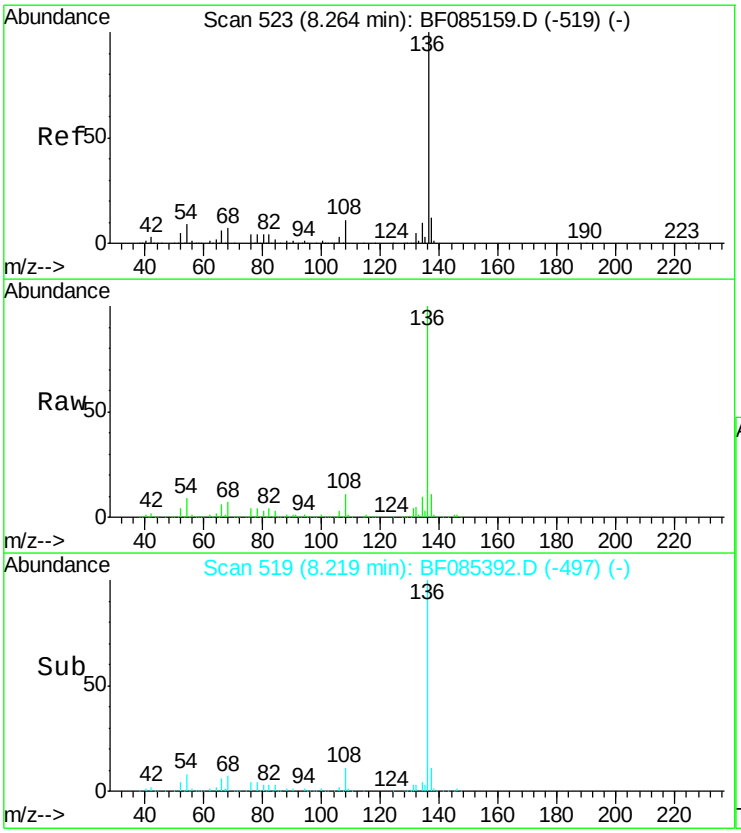
#7
Phenol-d6
Concen: 49.09 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion: 99 Resp: 559100

Ion	Ratio	Lower	Upper
99	100		
42	11.7	13.6	20.4#
71	26.9	26.7	40.1

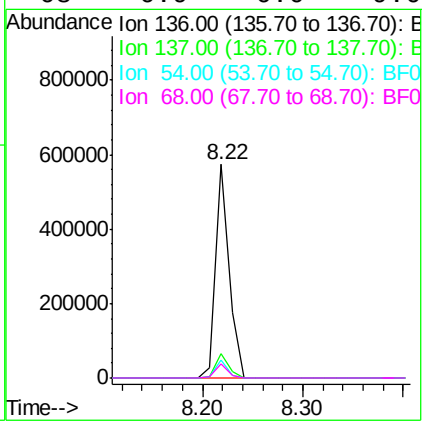


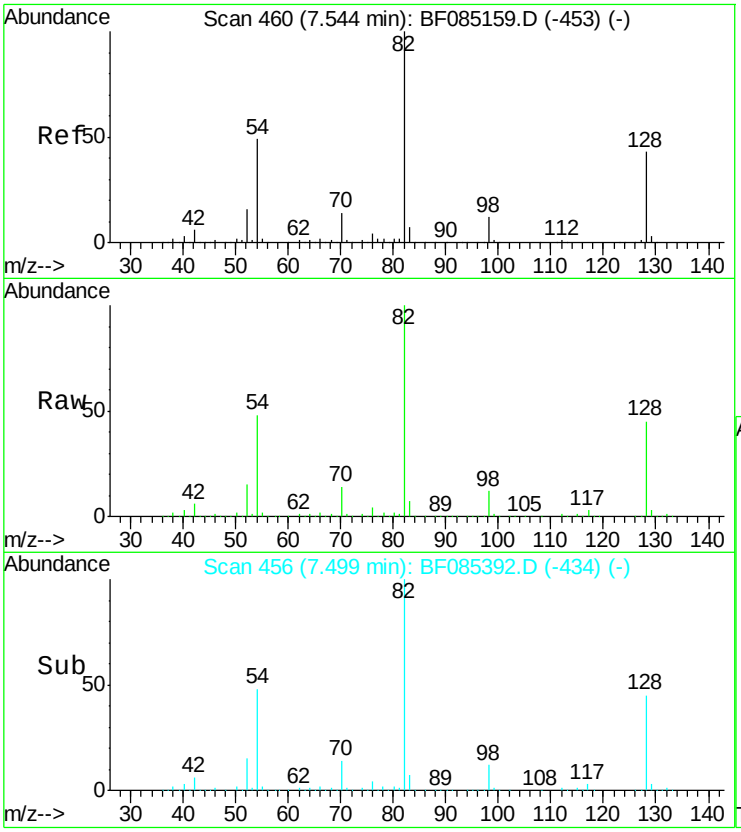


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:136 Resp: 536627

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.5	7.4	11.2
68	6.9	6.0	9.0



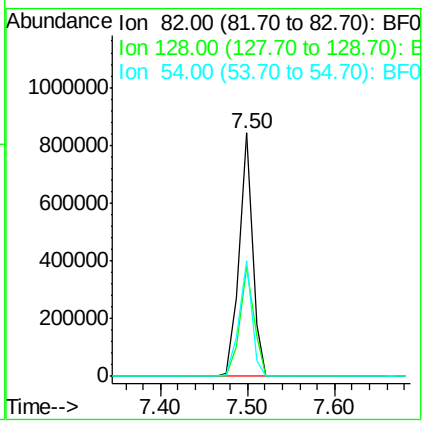


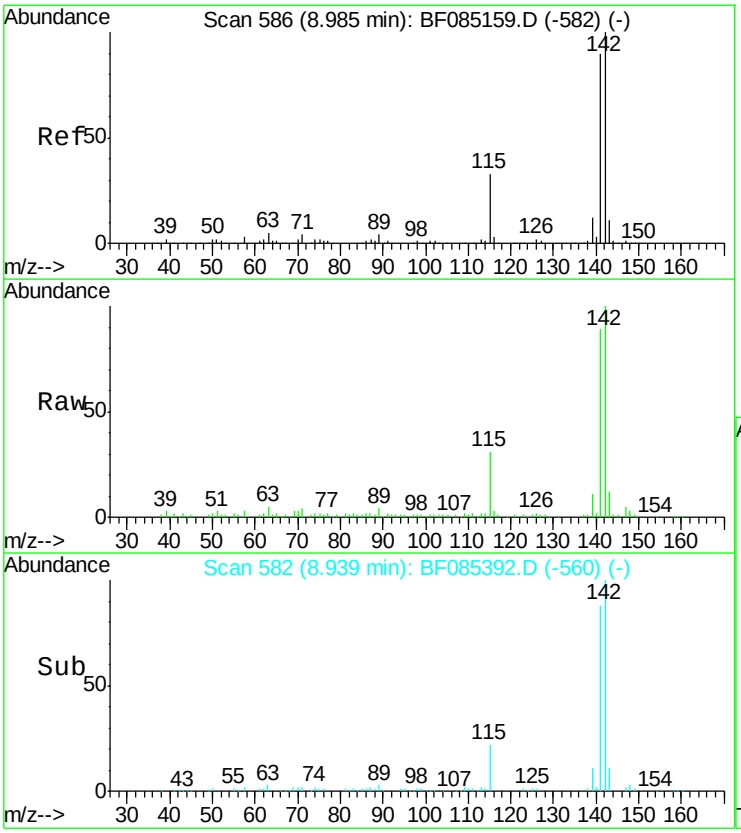
#23
Nitrobenzene-d5
Concen: 89.33 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion: 82 Resp: 895778

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.5	51.7
54	47.7	39.3	58.9

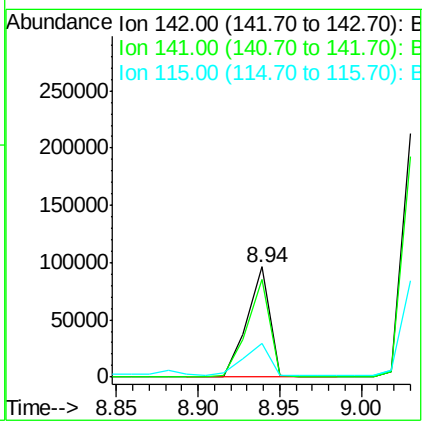


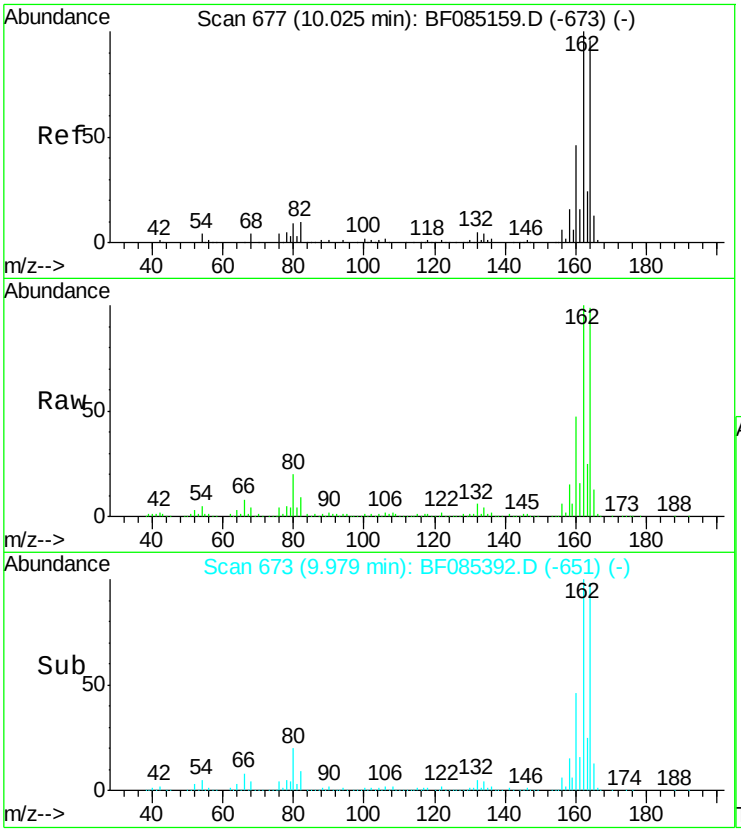


#37
2-Methylnaphthalene
Concen: 5.55 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:142 Resp: 93970

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	31.1	26.2	39.4



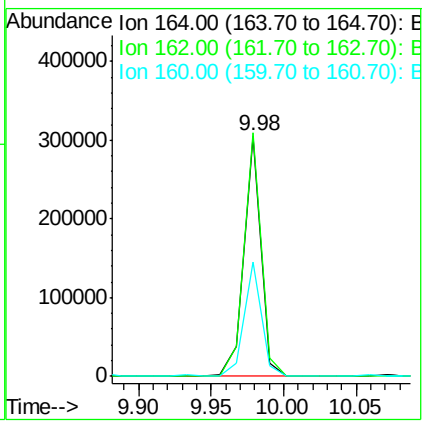


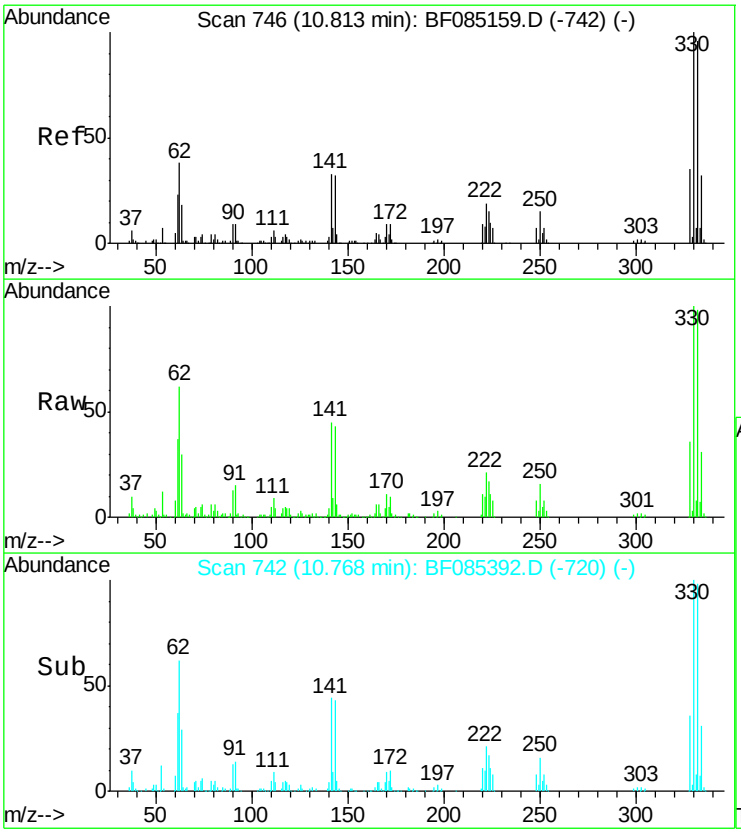
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion:164 Resp: 249574

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.3	124.9
160	47.5	37.9	56.9

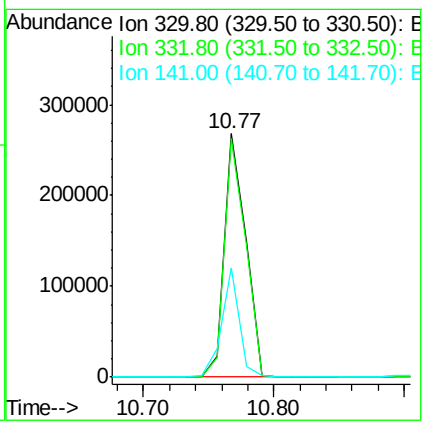


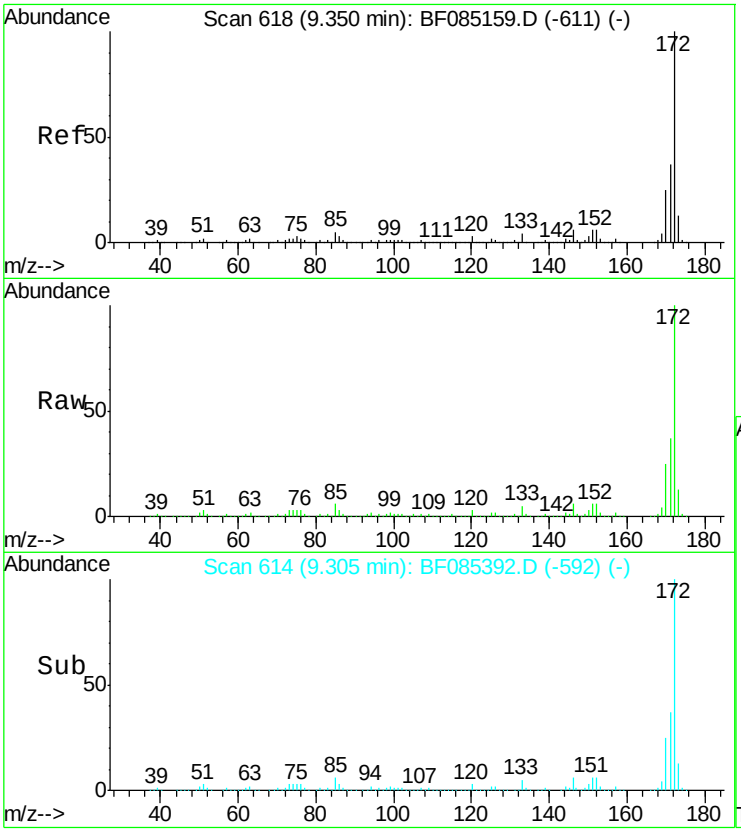


#41
2,4,6-Tribromophenol
Concen: 141.98 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:330 Resp: 303195

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	36.7	35.0	52.6



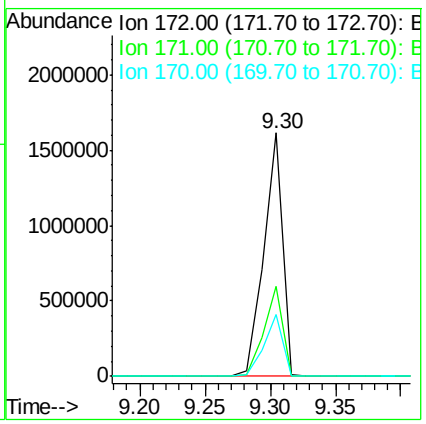


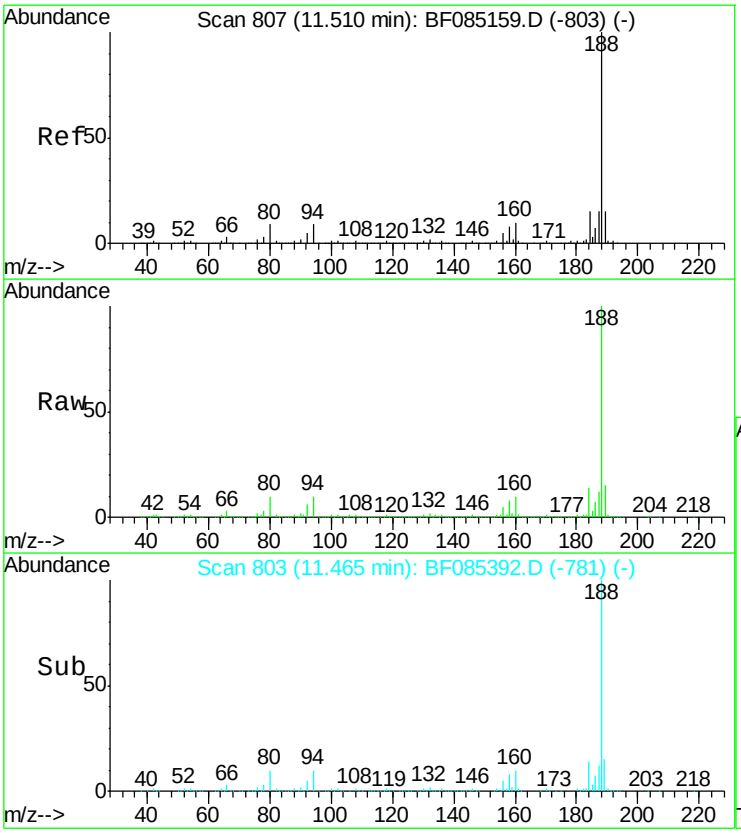
#44
2-Fluorobiphenyl
Concen: 99.40 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion:172 Resp: 1631219

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	25.2	20.0	30.0

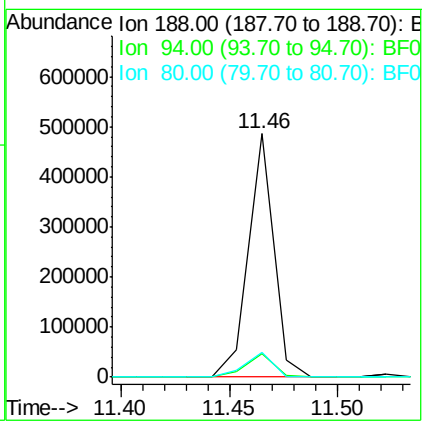


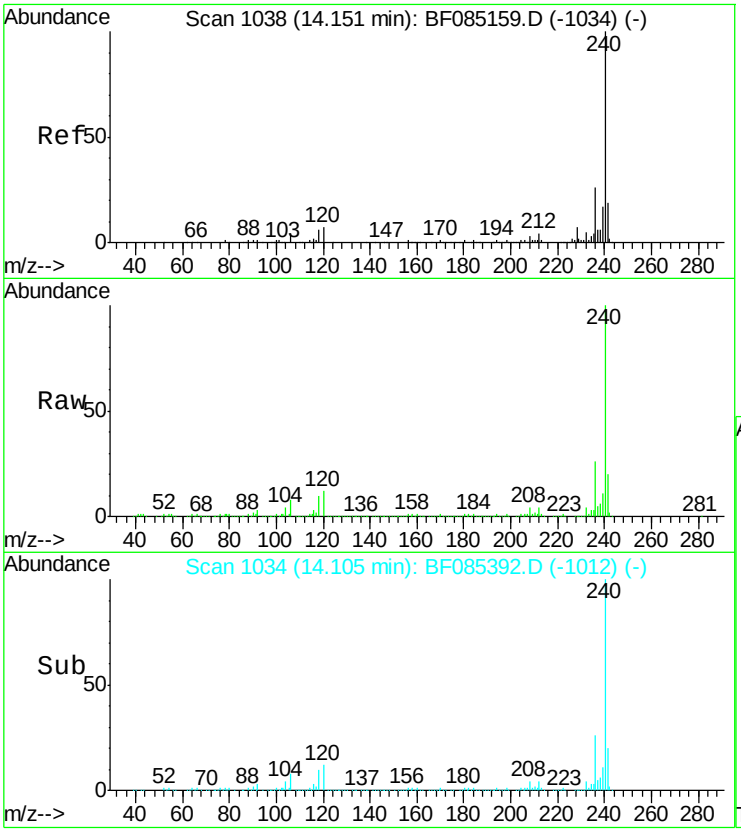


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:188 Resp: 396293

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.6
80	10.2	7.4	11.0



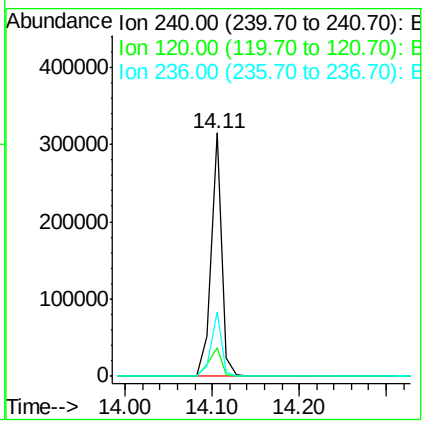


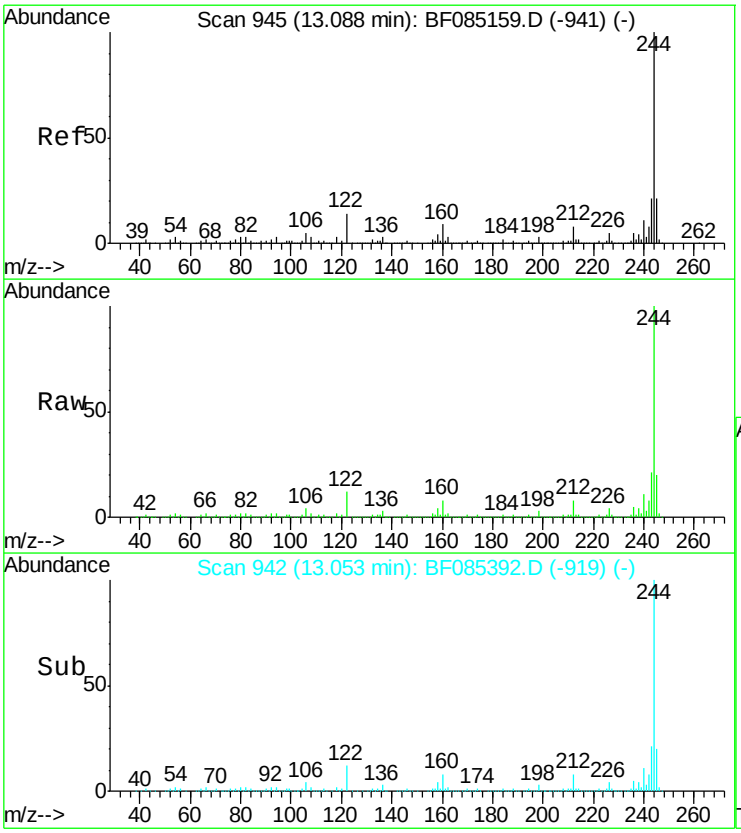
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion:240 Resp: 272462

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.3	7.9#
236	26.5	20.7	31.1

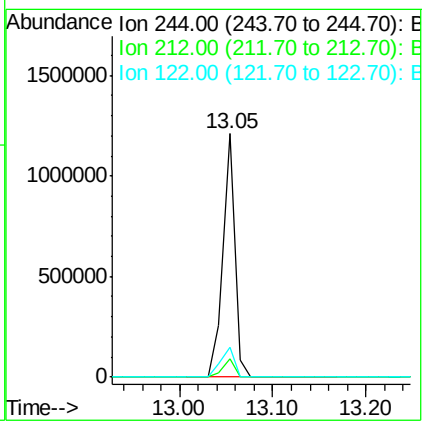


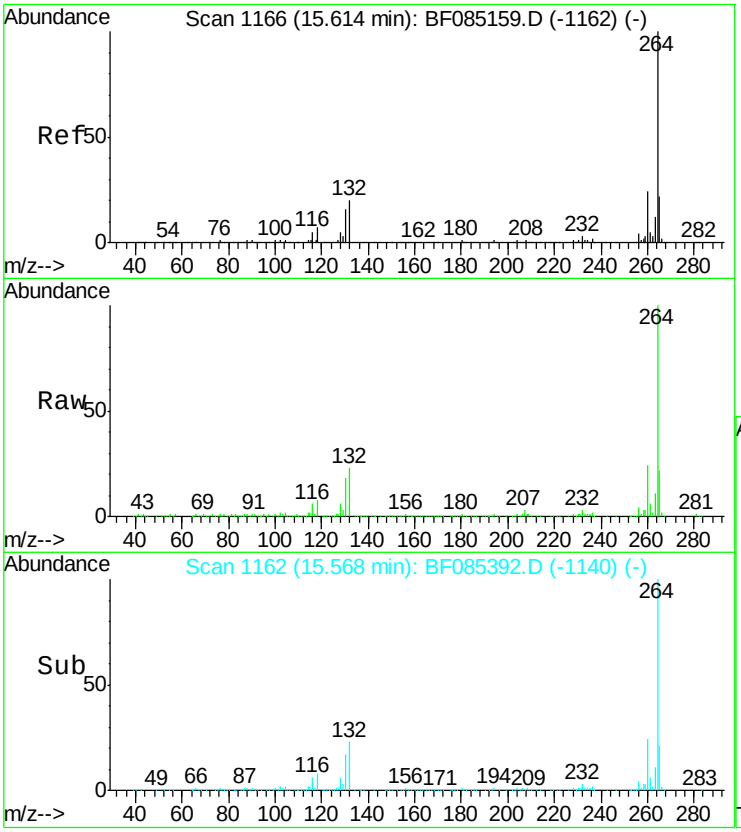


#78
Terphenyl-d14
Concen: 91.47 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:244 Resp: 1073550

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion:264 Resp: 259529

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.3	25.9