Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087054.D
Acq On : 15 May 2016 7:46
Operator : UM/SJ
Sample : H3052-08
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-25

Quant Time: May 16 07:02:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	124347	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	514520	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	247970	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	451684	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	312916	20.00	ng	-0.01
86) Perylene-d12	15.11	264	289702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	521189	70.98	ng	0.00
7) Phenol-d6	6.27	99	437285	44.56	ng	-0.01
23) Nitrobenzene-d5	7.19	82	959342	93.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	322801	122.96	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1483130	100.52	ng	0.00
78) Terphenyl-d14	12.71	244	1169069	79.27	ng	0.00

Target Compounds	Qvalue

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

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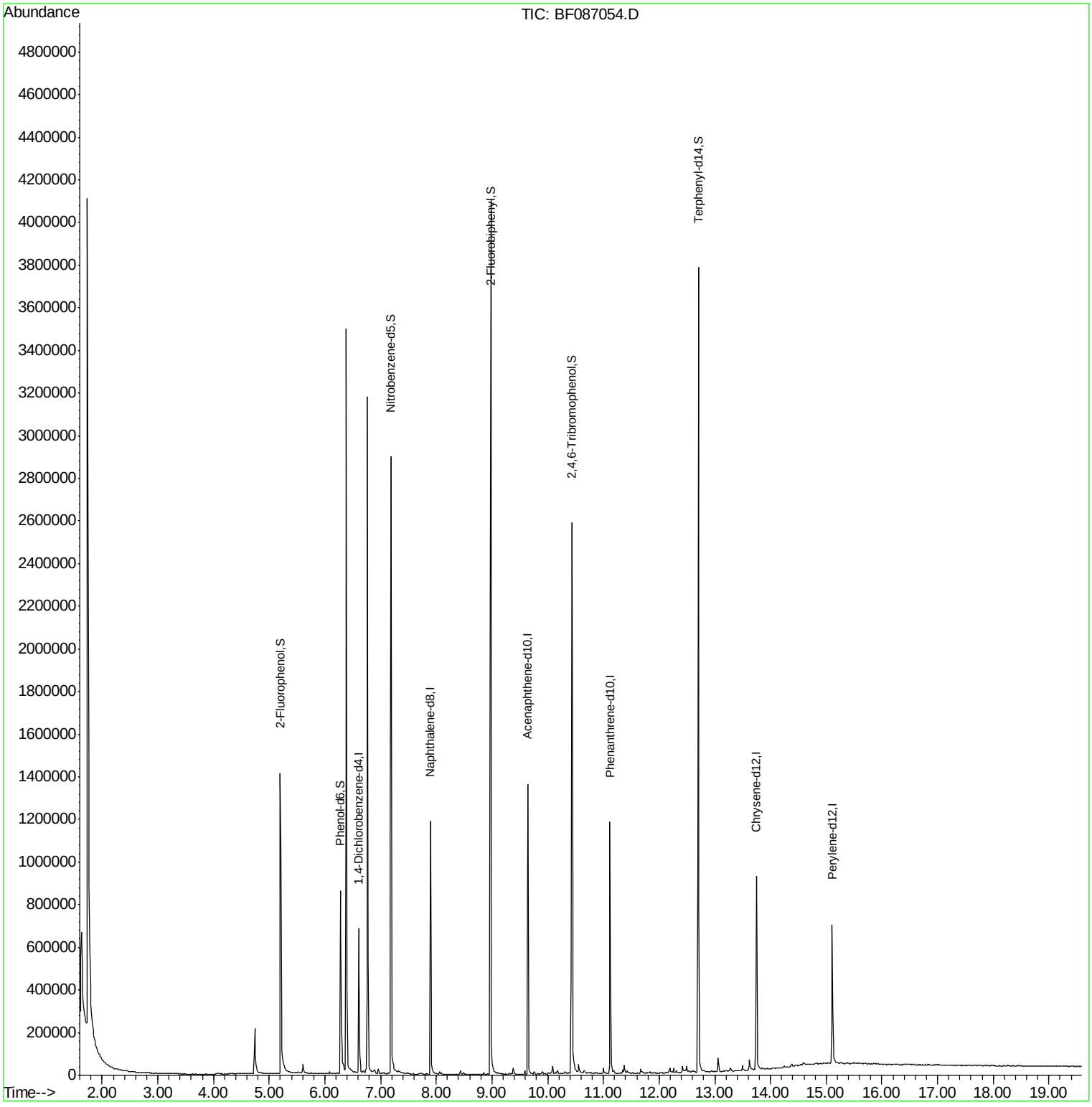
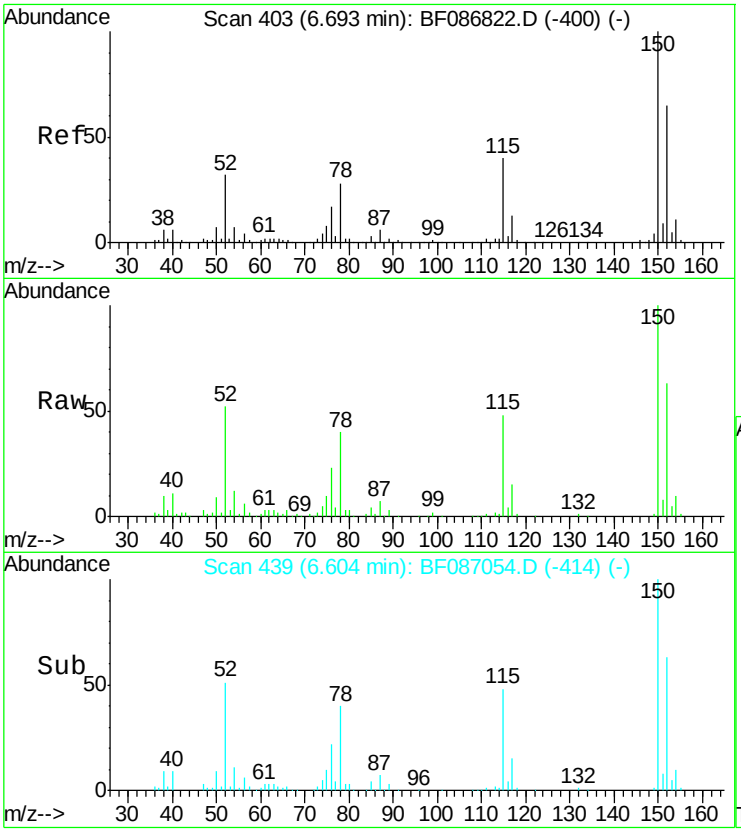


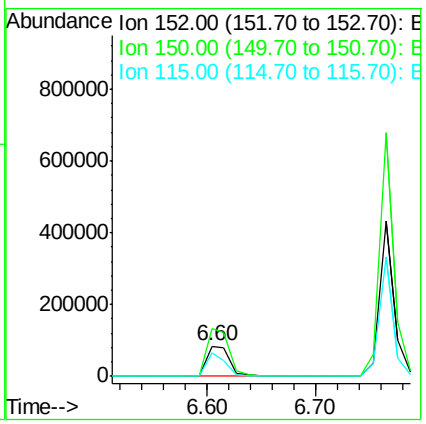


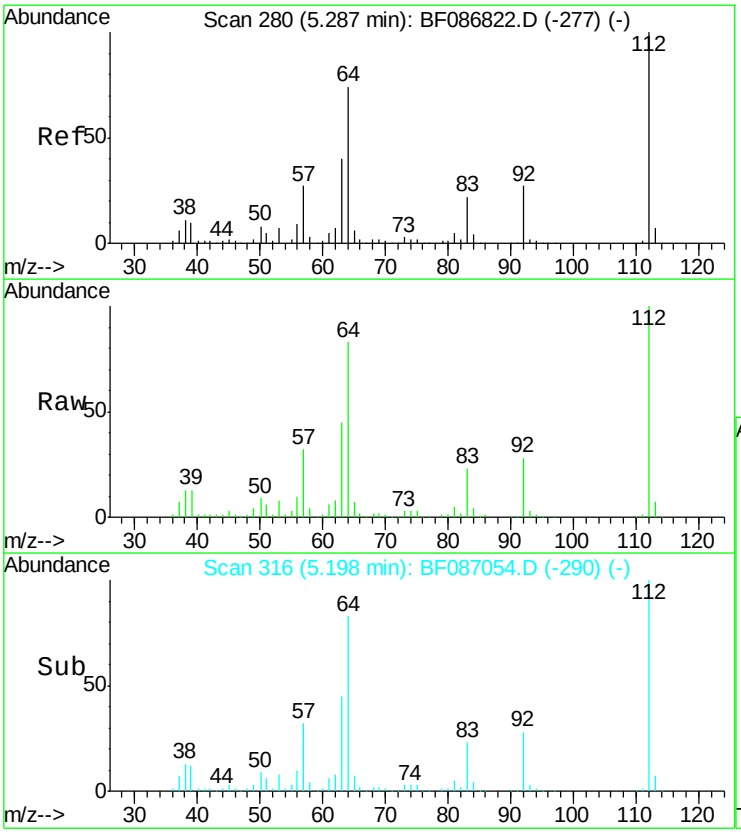
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 124347

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	76.6	51.5	77.3

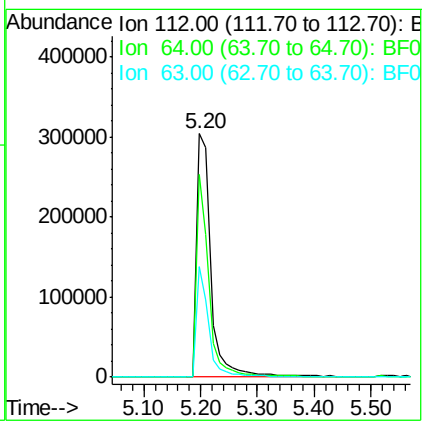


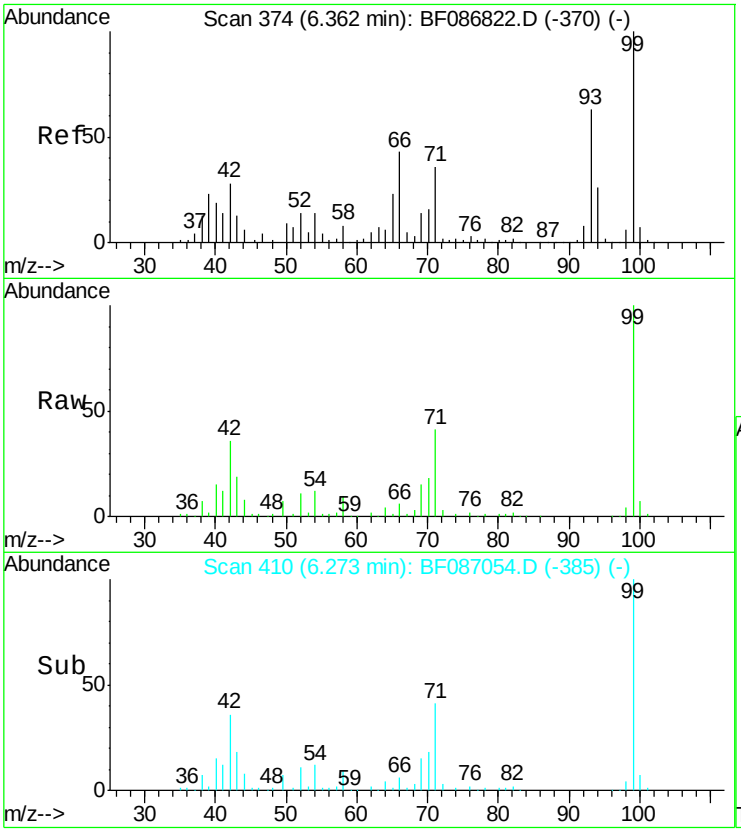


#5
2-Fluorophenol
Concen: 70.98 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:112 Resp: 521189

Ion	Ratio	Lower	Upper
112	100		
64	83.4	52.1	78.1#
63	45.4	25.7	38.5#



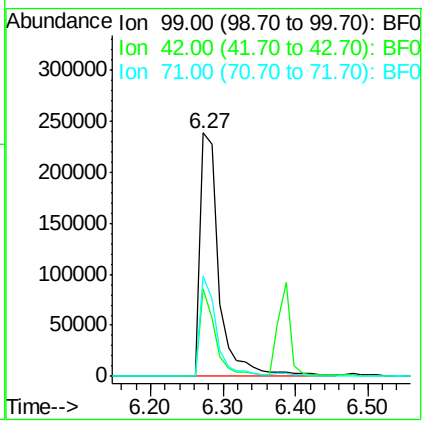


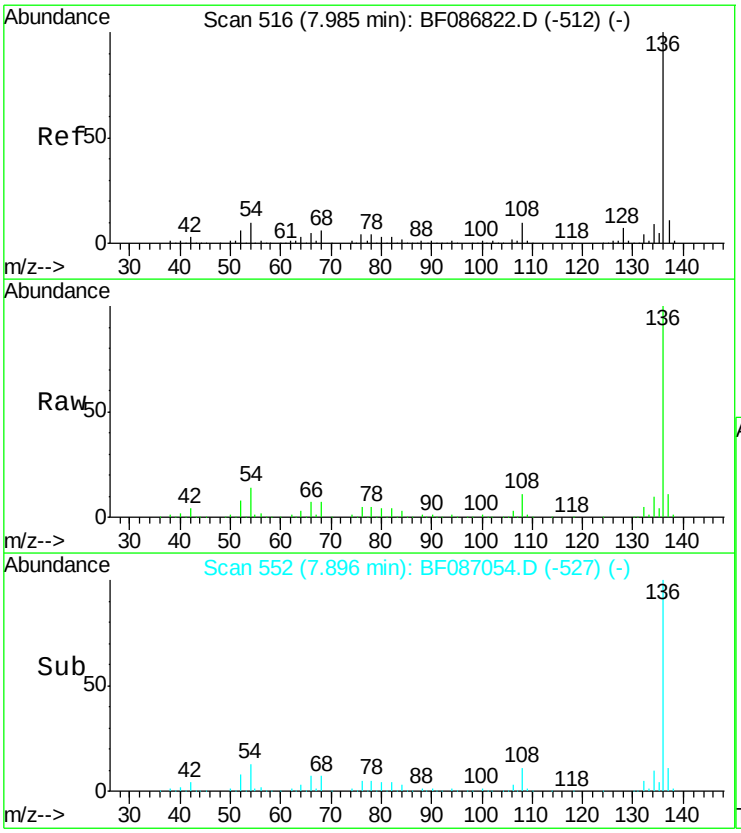
#7
Phenol-d6
Concen: 44.56 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 99 Resp: 437285

Ion	Ratio	Lower	Upper
99	100		
42	35.9	13.6	20.4#
71	41.2	24.6	36.8#

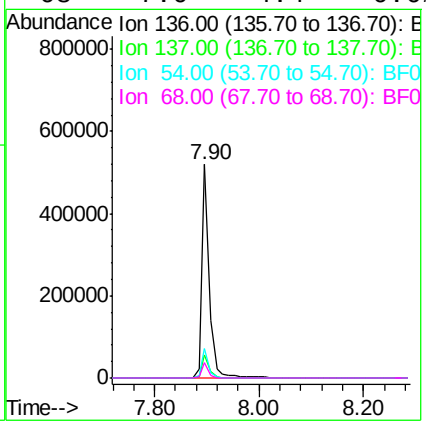


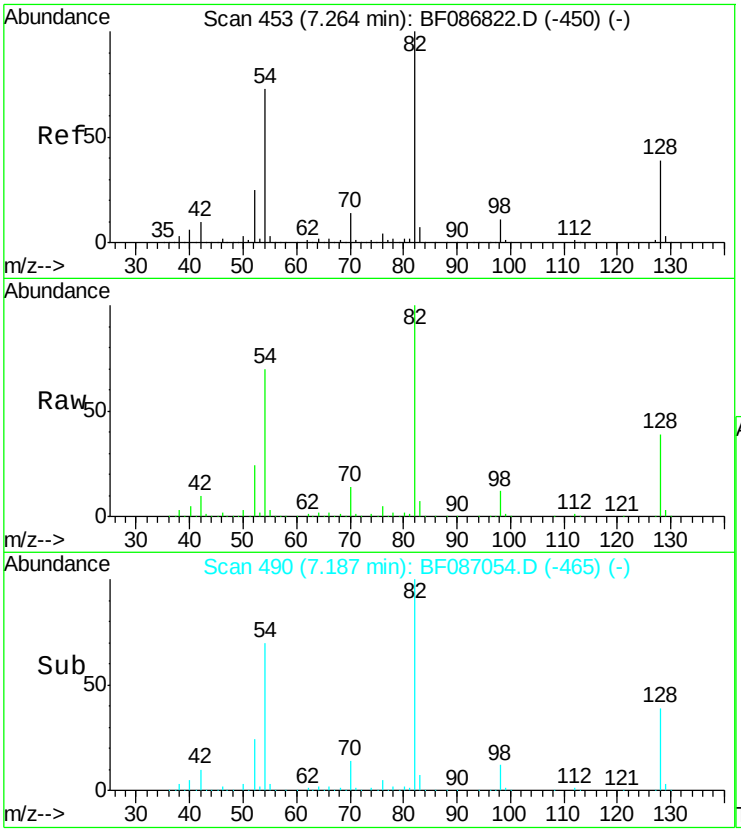


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:136 Resp: 514520

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	13.5	5.0	7.4#
68	7.0	4.4	6.6#



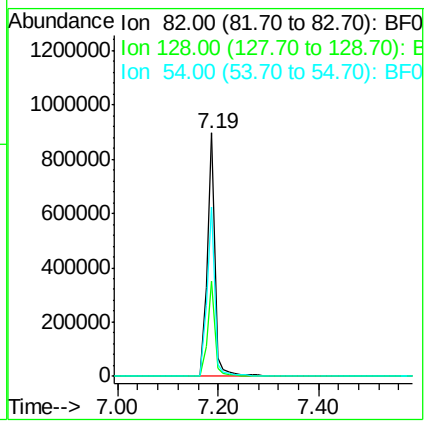


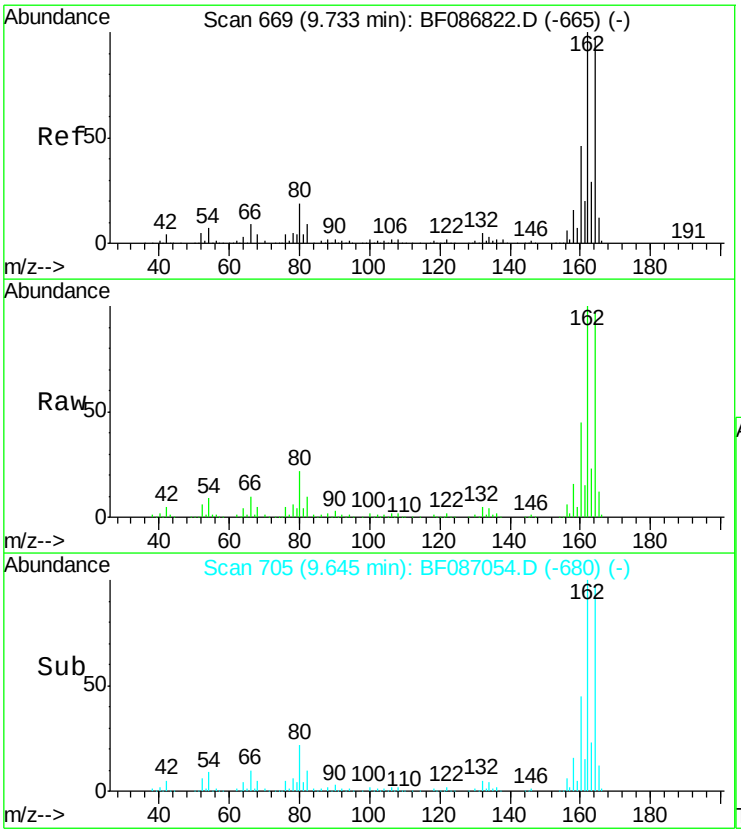
#23
Nitrobenzene-d5
Concen: 93.62 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 82 Resp: 959342

Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	69.8	38.1	57.1#

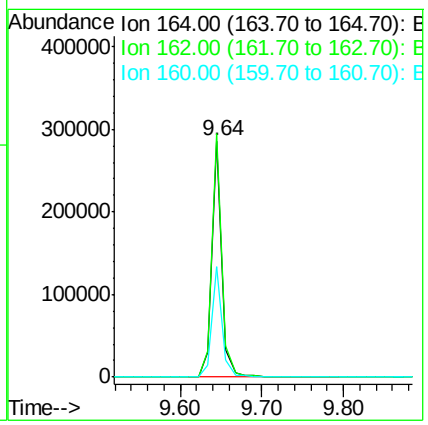


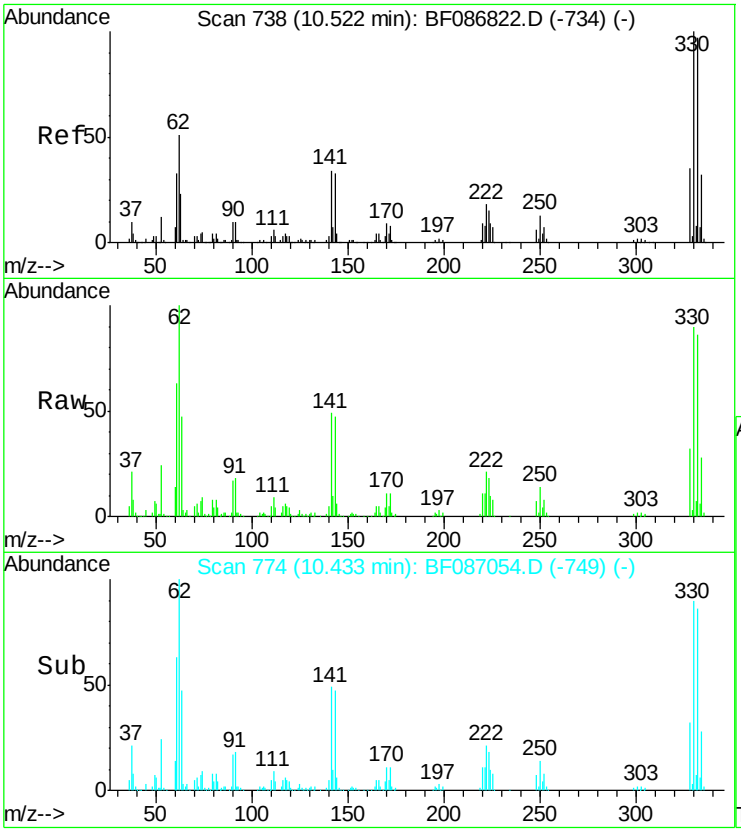


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:164 Resp: 247970

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.8	36.9	55.3



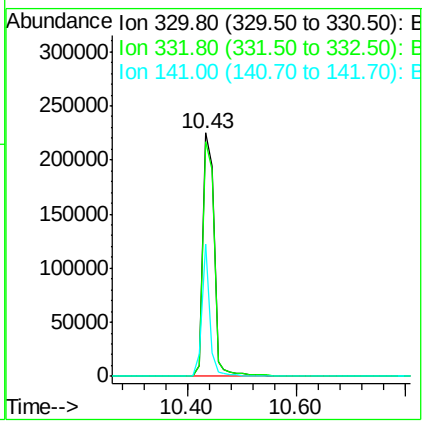


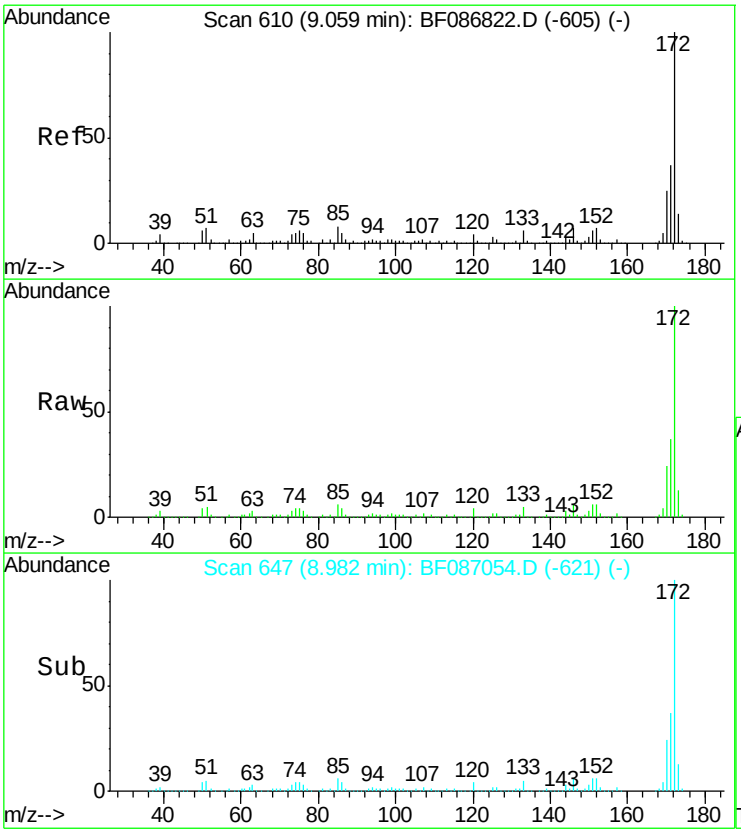
#41
2,4,6-Tribromophenol
Concen: 122.96 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:330 Resp: 322801

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	37.8	31.2	46.8

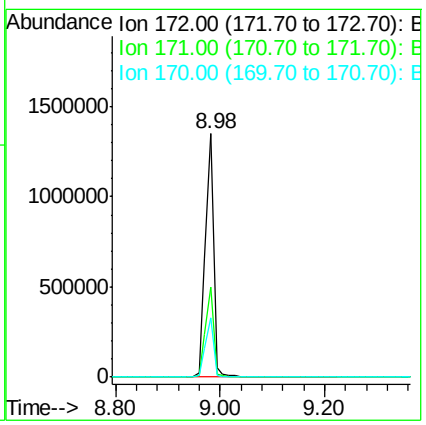


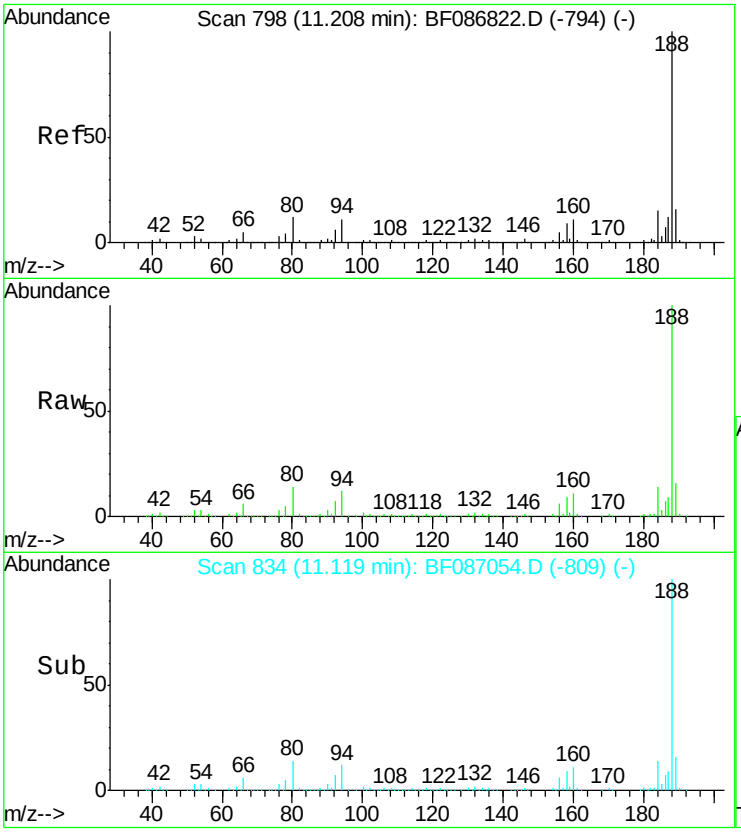


#44
2-Fluorobiphenyl
Concen: 100.52 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:172 Resp: 1483130

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.4	19.8	29.8



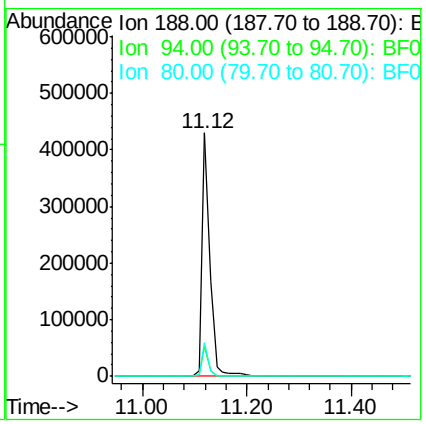


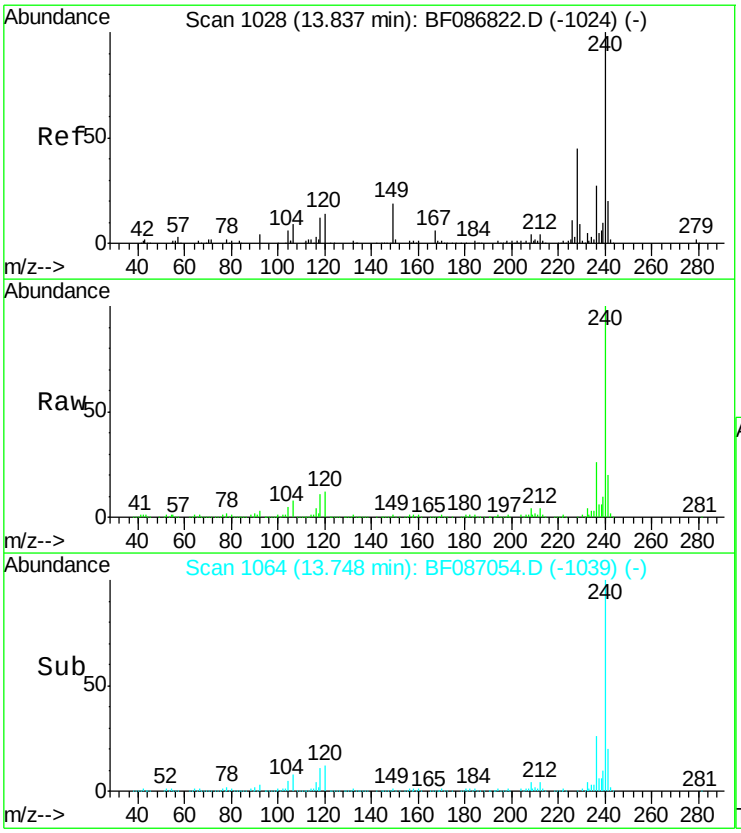
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:188 Resp: 451684

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.8	10.2#
80	14.0	7.1	10.7#

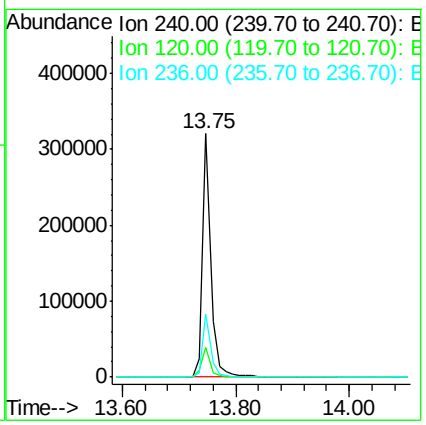


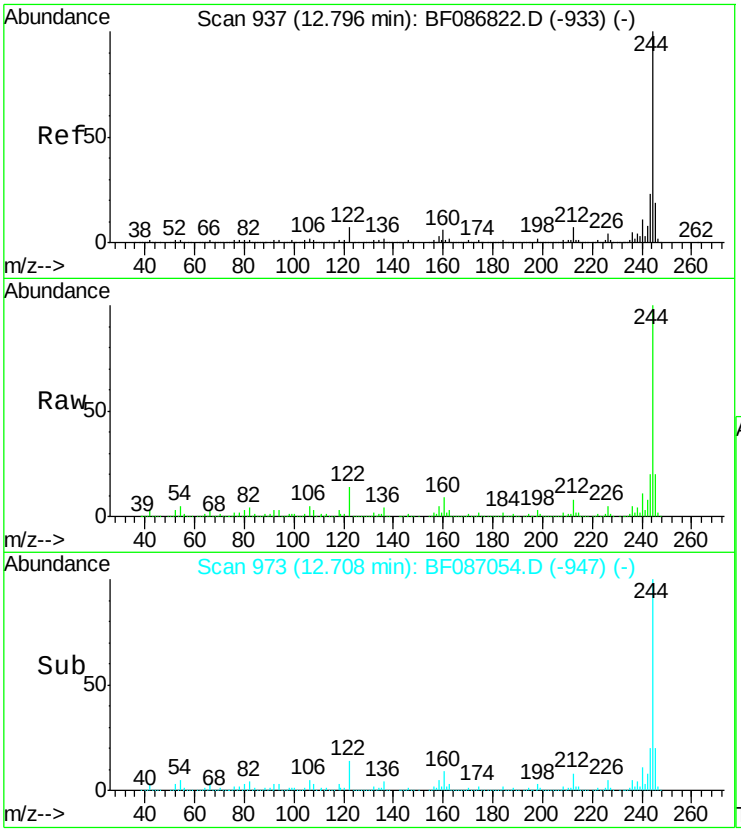


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:240 Resp: 312916

Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.2	16.8
236	25.9	21.2	31.8



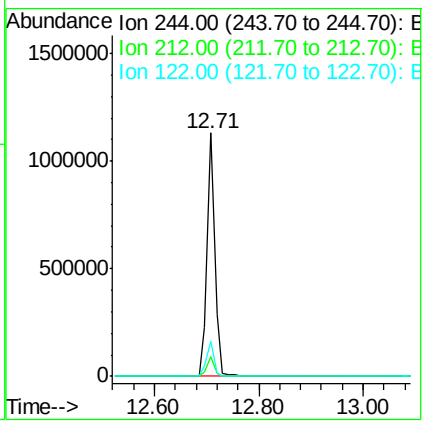


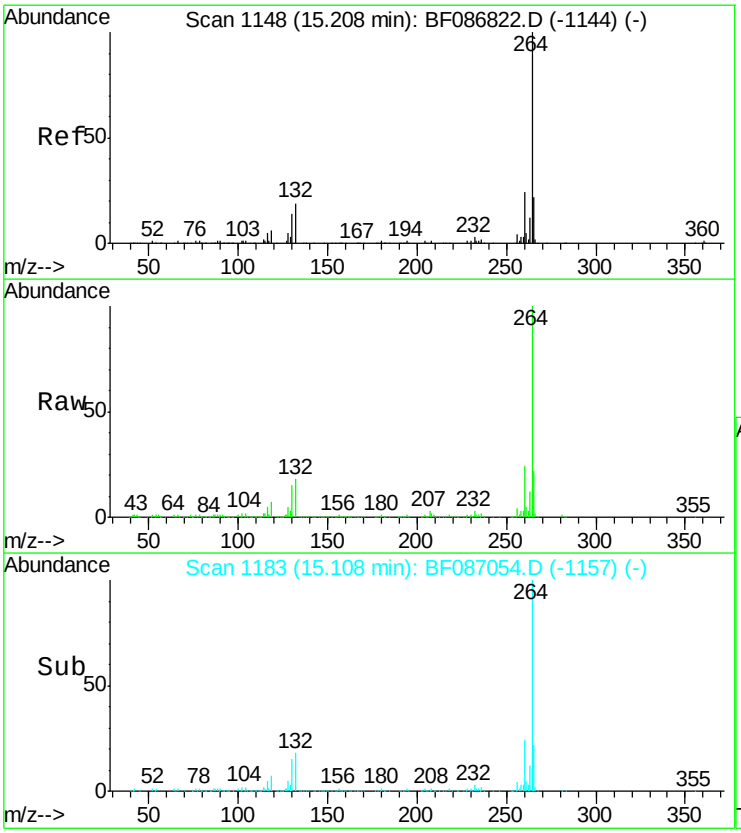
#78
Terphenyl-d14
Concen: 79.27 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:244 Resp: 1169069

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF087054.D
Acq: 15 May 2016 7:46

Tgt Ion:264 Resp: 289702

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.3	25.9