Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087296.D
Acq On : 22 May 2016 17:46
Operator : UM/SJ
Sample : H3172-13
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Time: May 23 04:33:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 03:47:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	115852	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	503906	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	242691	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	417836	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	283050	20.00	ng	-0.01
86) Perylene-d12	15.05	264	225056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	620473	90.02	ng	0.00
7) Phenol-d6	6.23	99	540623	58.48	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1001948	99.10	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	359570	134.08	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1554656	106.09	ng	0.00
78) Terphenyl-d14	12.65	244	1242914	99.33	ng	0.00
Target Compounds						Qvalue

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

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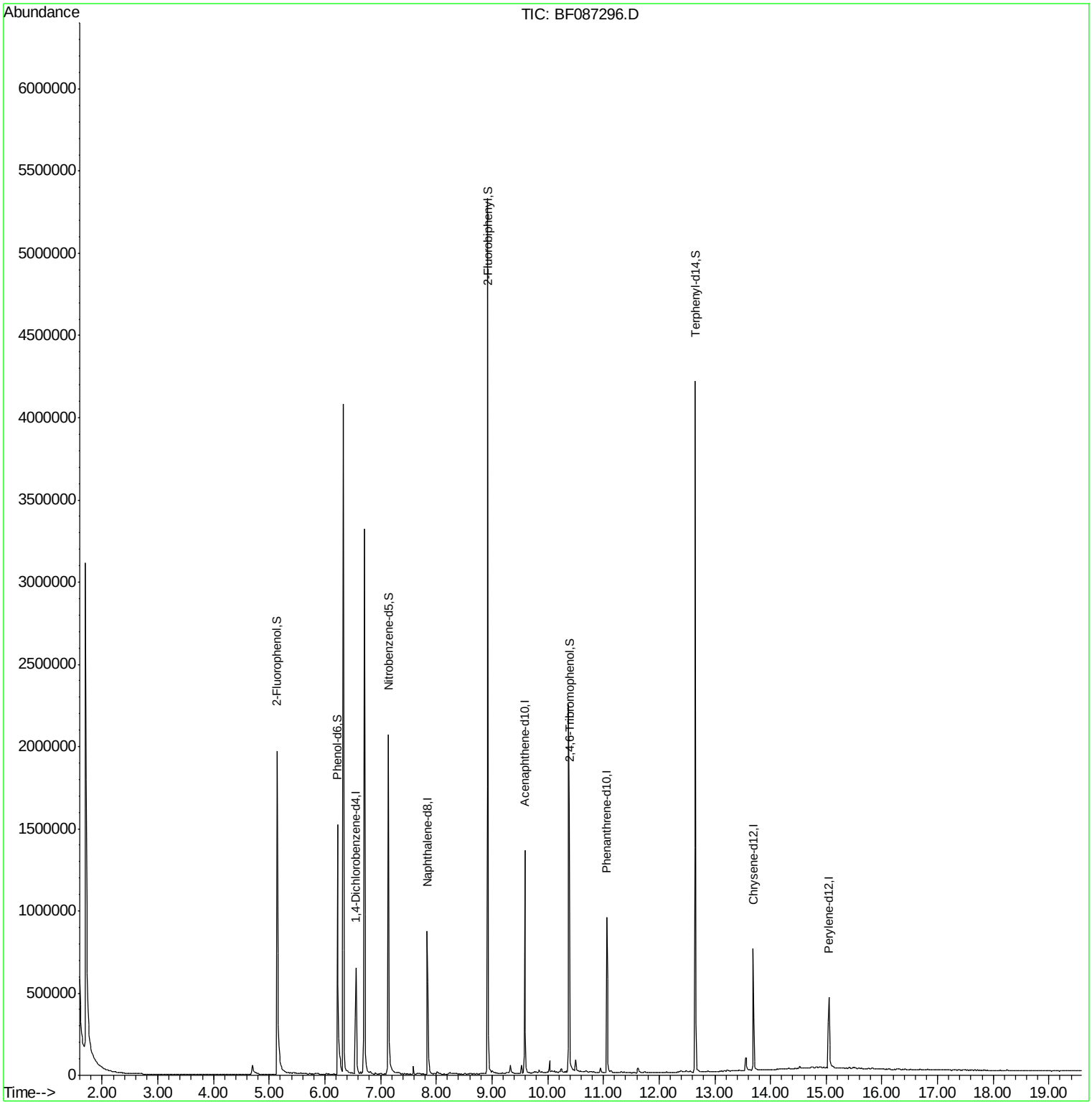
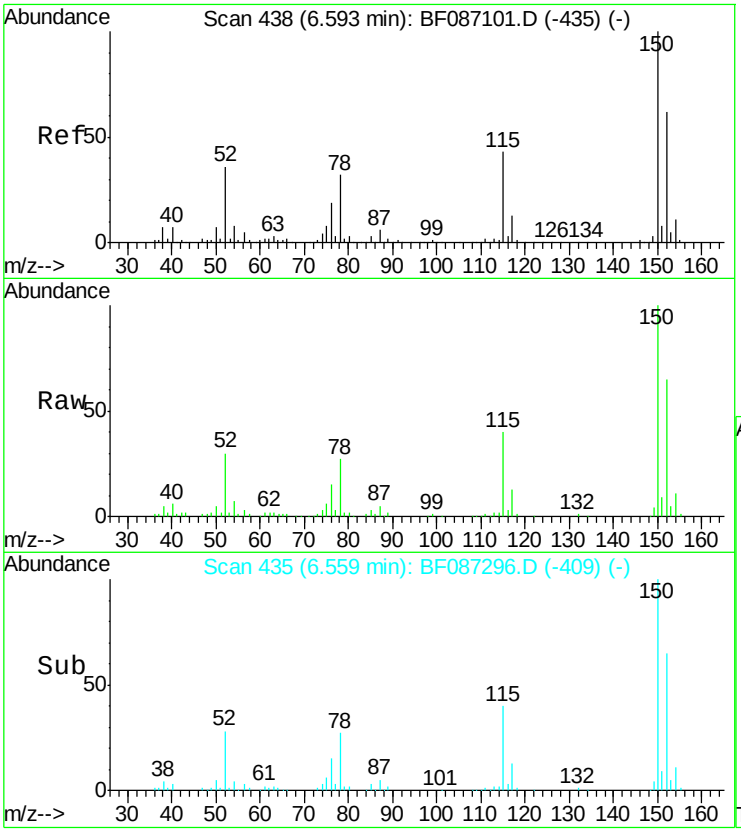


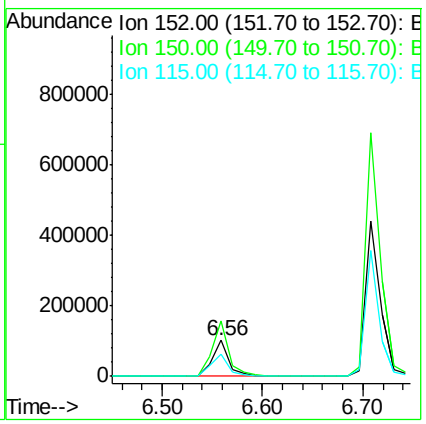


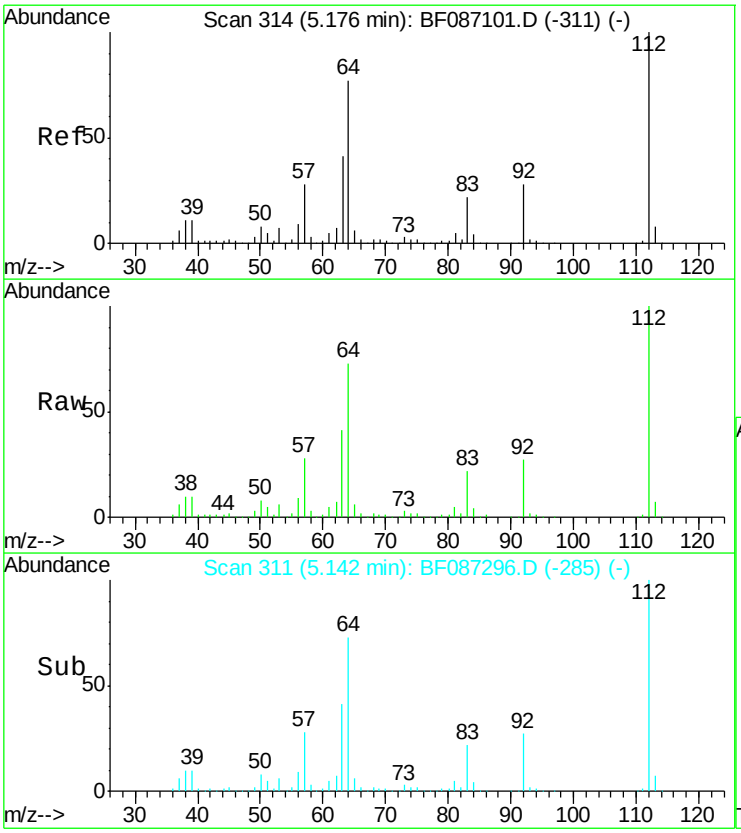
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 115852

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.8	188.6
115	61.6	51.5	77.3

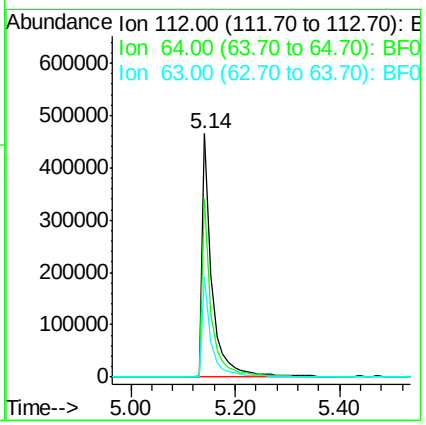


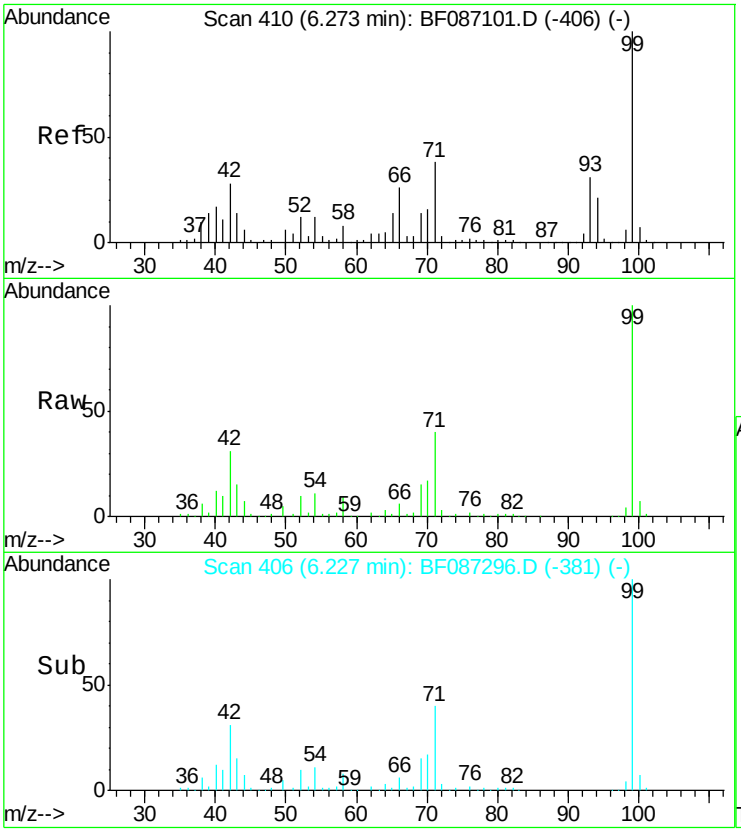


#5
2-Fluorophenol
Concen: 90.02 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:112 Resp: 620473

Ion	Ratio	Lower	Upper
112	100		
64	73.4	52.1	78.1
63	41.3	25.7	38.5#



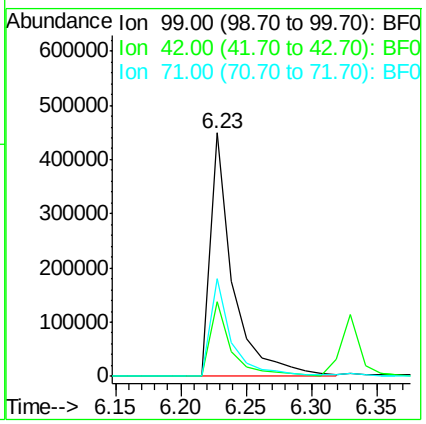


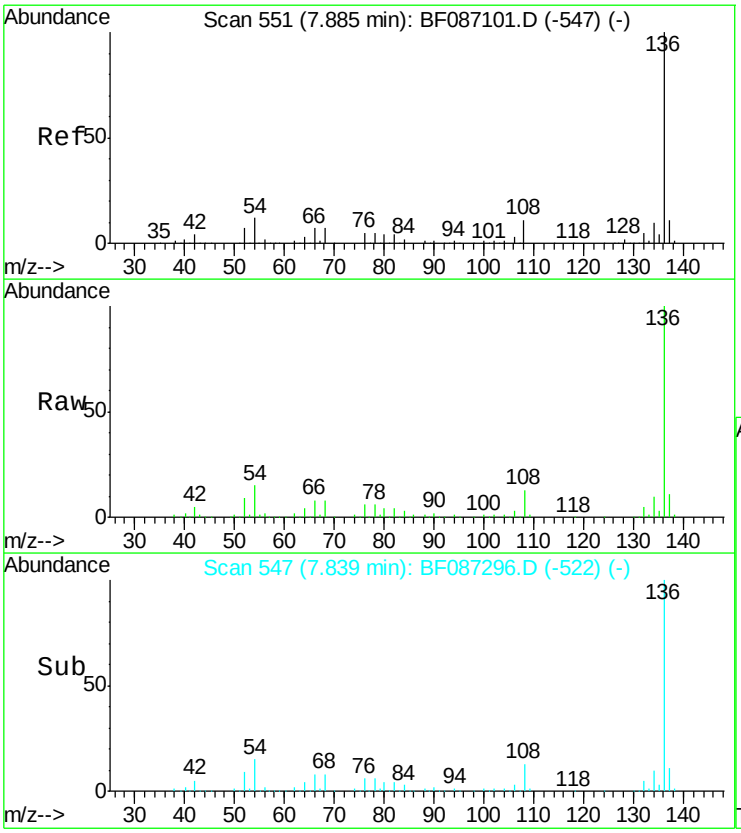
#7
Phenol-d6
Concen: 58.48 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 540623

Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	40.0	24.6	36.8#

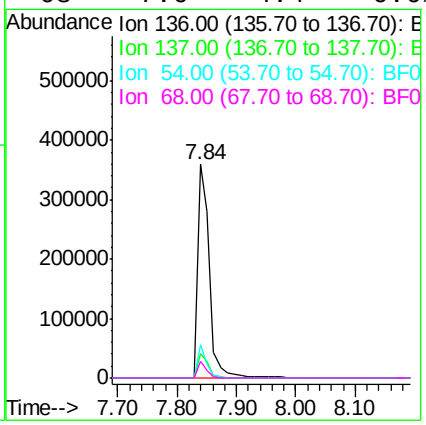


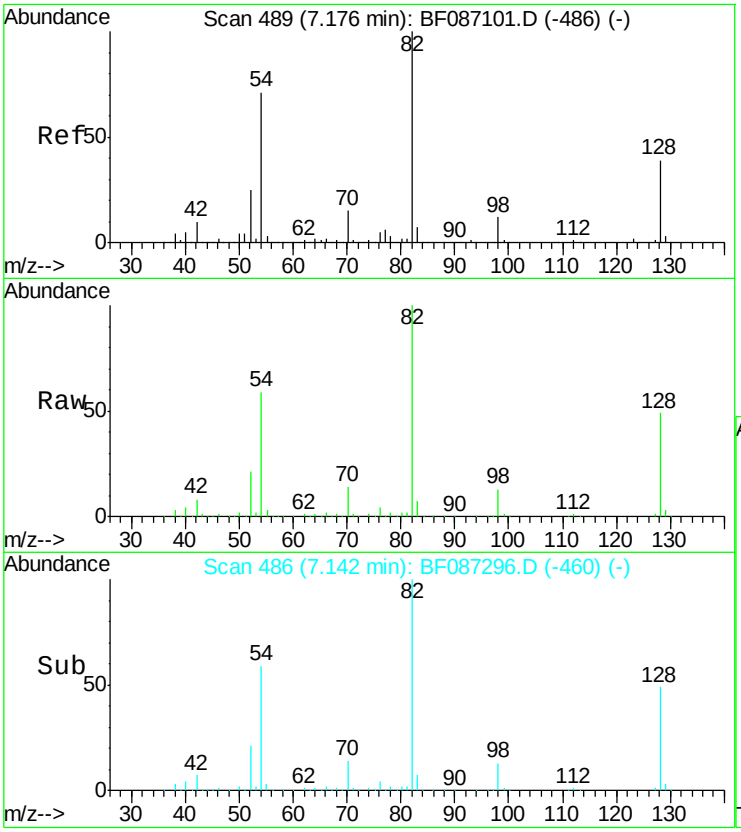


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:136 Resp: 503906

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.5	5.0	7.4#
68	7.6	4.4	6.6#



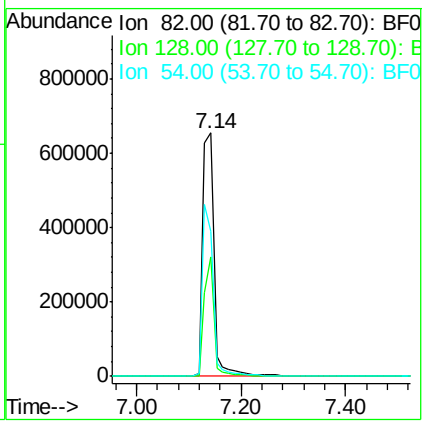


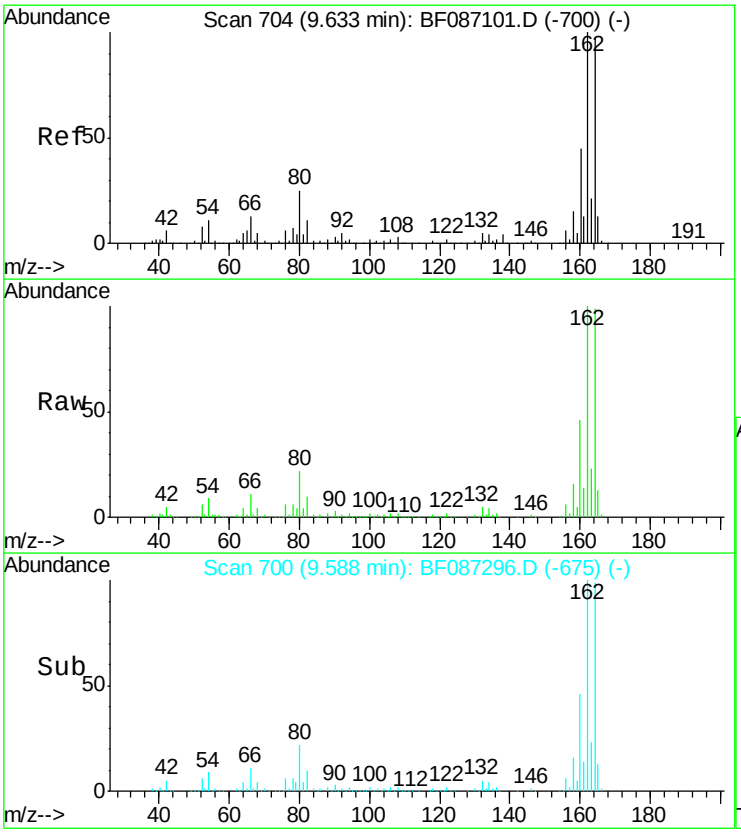
#23
Nitrobenzene-d5
Concen: 99.10 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 82 Resp: 1001948

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	61.0
54	59.4	38.1	57.1#

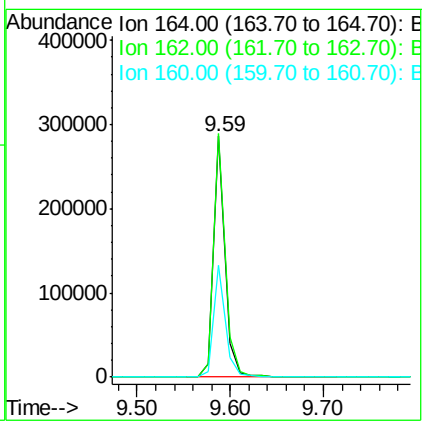


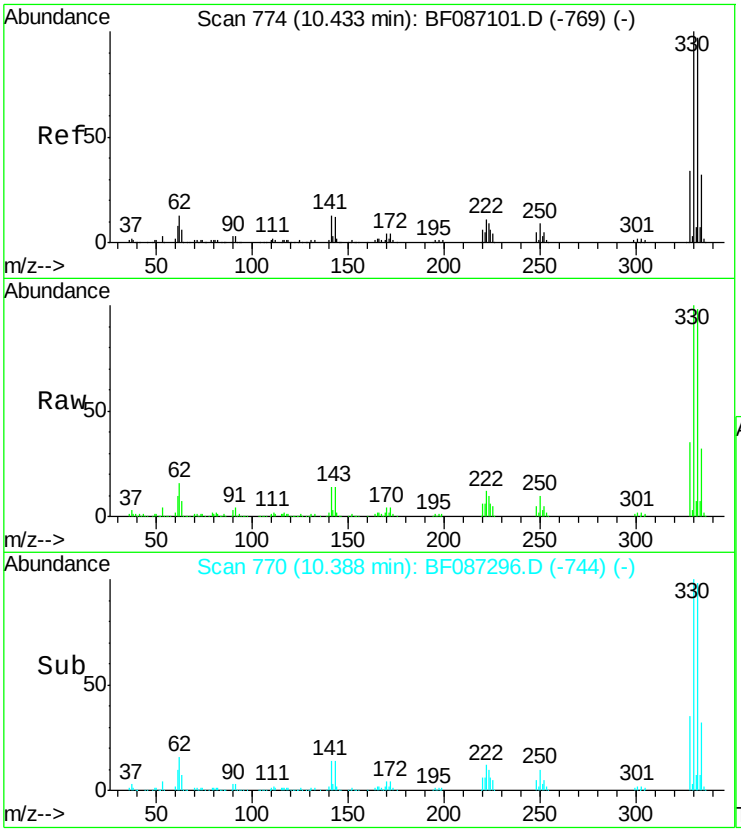


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:164 Resp: 242691

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	46.6	36.9	55.3



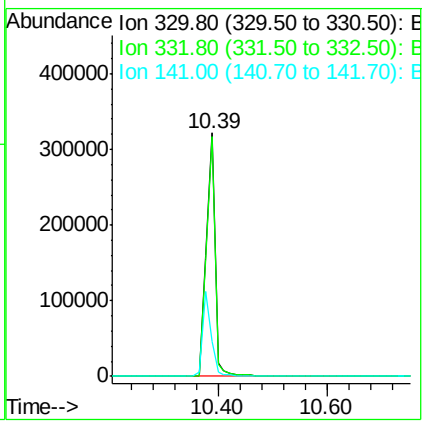


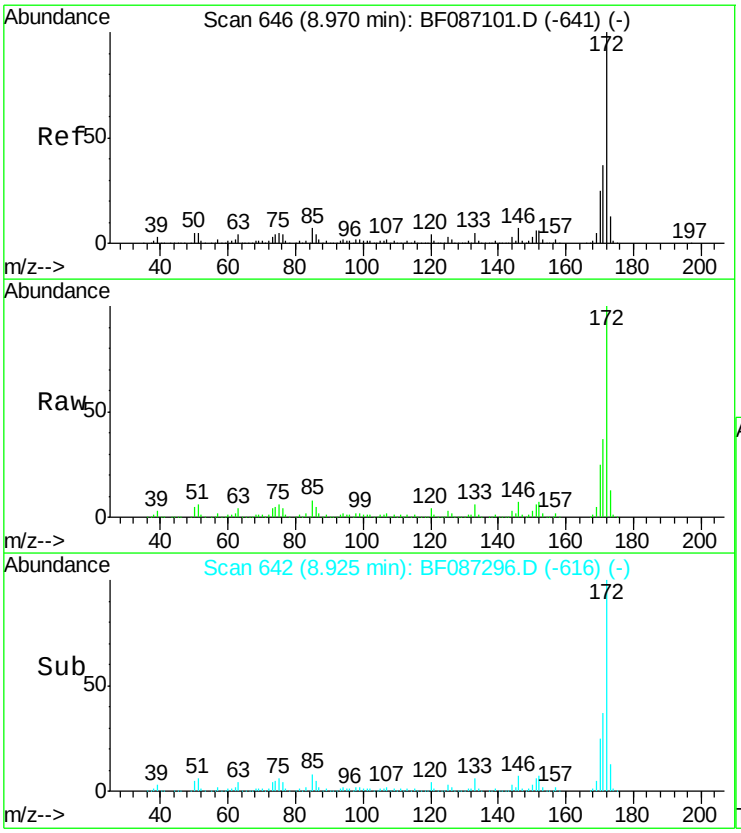
#41
2,4,6-Tribromophenol
Concen: 134.08 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:330 Resp: 359570

Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	34.2	31.2	46.8

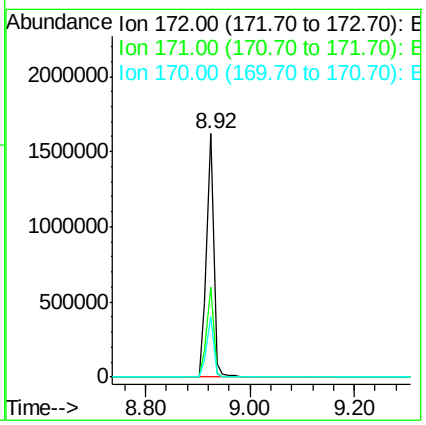


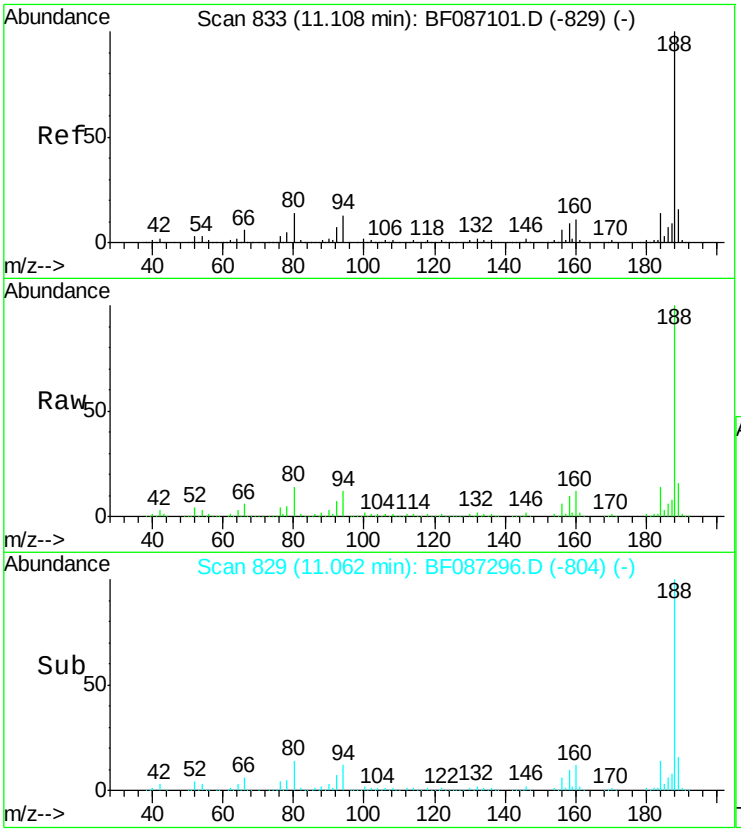


#44
2-Fluorobiphenyl
Concen: 106.09 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:172 Resp: 1554656

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.1	19.8	29.8



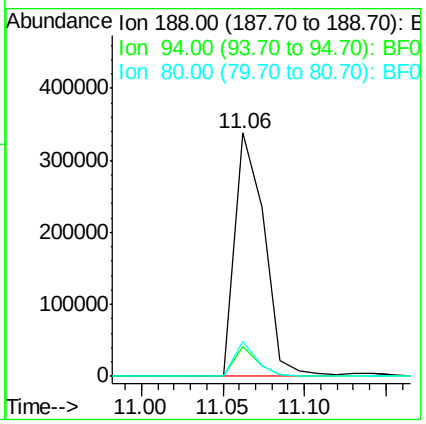


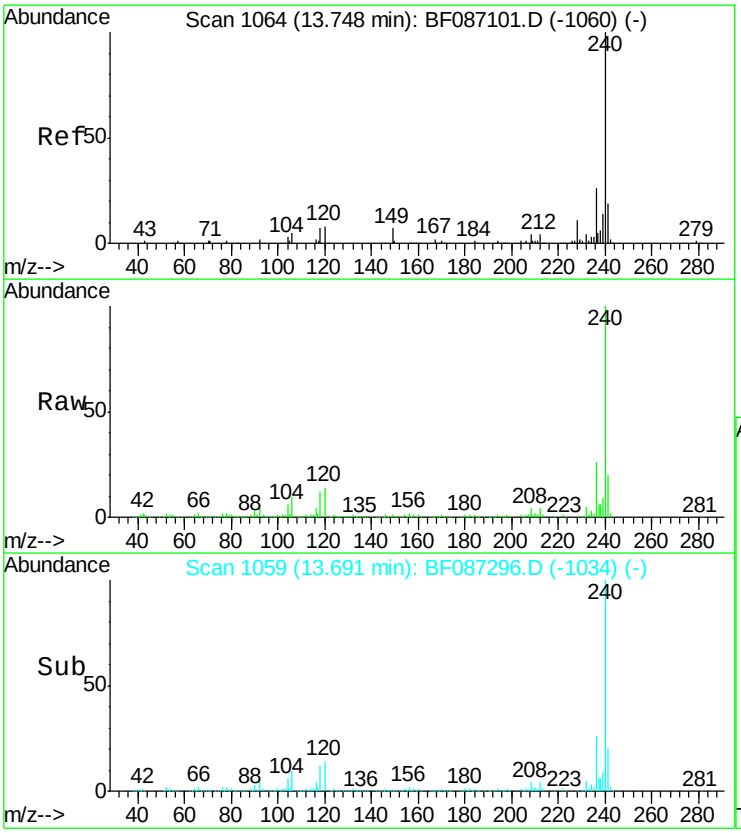
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 417836

Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.8	10.2#
80	14.3	7.1	10.7#

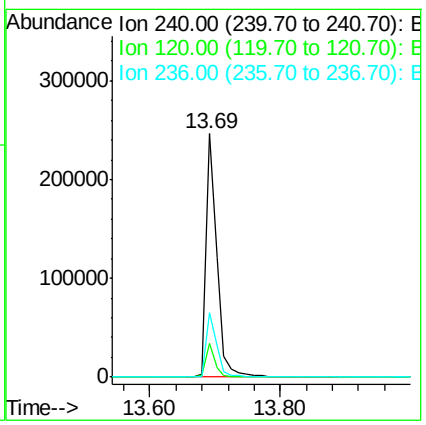


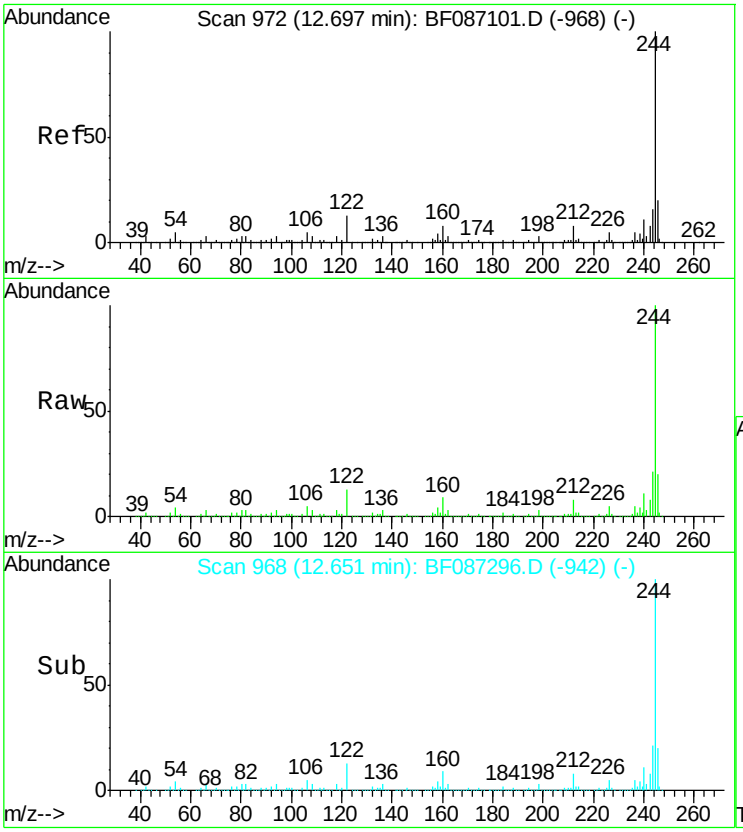


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:240 Resp: 283050

Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.2	16.8
236	26.3	21.2	31.8



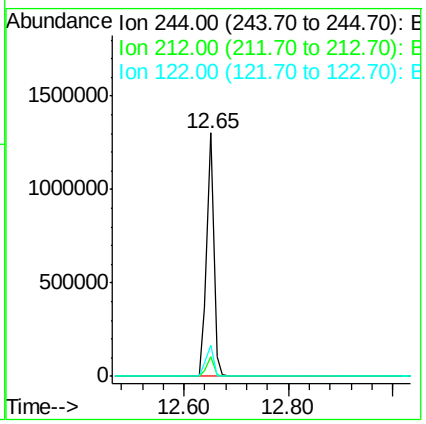


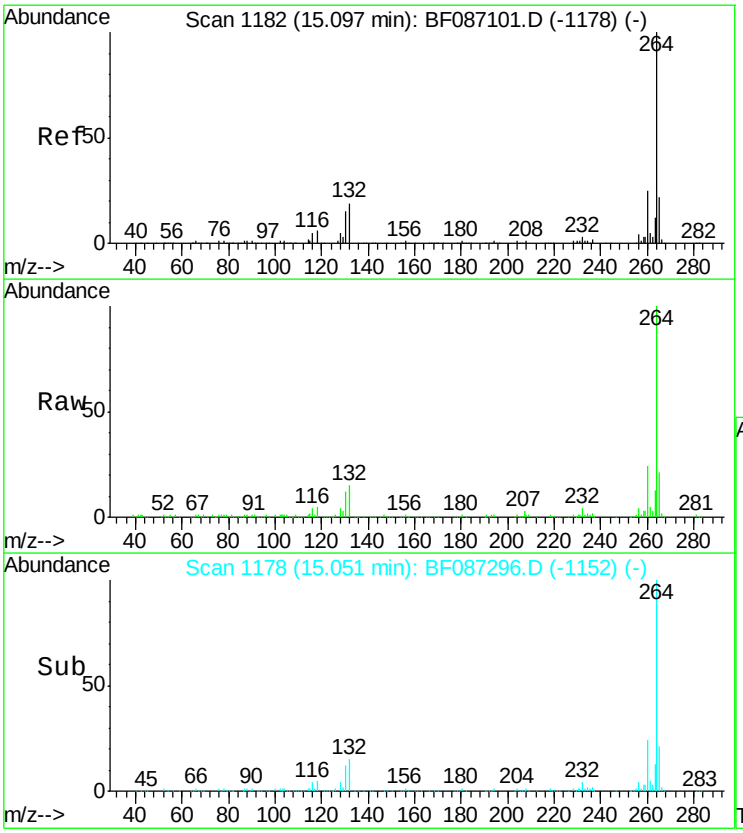
#78
Terphenyl-d14
Concen: 99.33 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:244 Resp: 1242914

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:264 Resp: 225056

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.1	17.3	25.9