Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087298.D
Acq On : 22 May 2016 18:44
Operator : UM/SJ
Sample : H3172-15
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: May 23 04:36:18 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	113418	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	486161	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	235362	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	407345	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	279354	20.00	ng	-0.01
86) Perylene-d12	15.05	264	227580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	507240	75.17	ng	0.00
7) Phenol-d6	6.23	99	435200	48.09	ng	-0.01
23) Nitrobenzene-d5	7.13	82	929428	95.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	334608	128.65	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1555345	109.44	ng	0.00
78) Terphenyl-d14	12.65	244	1232565	99.81	ng	0.00
Target Compounds						Qvalue

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

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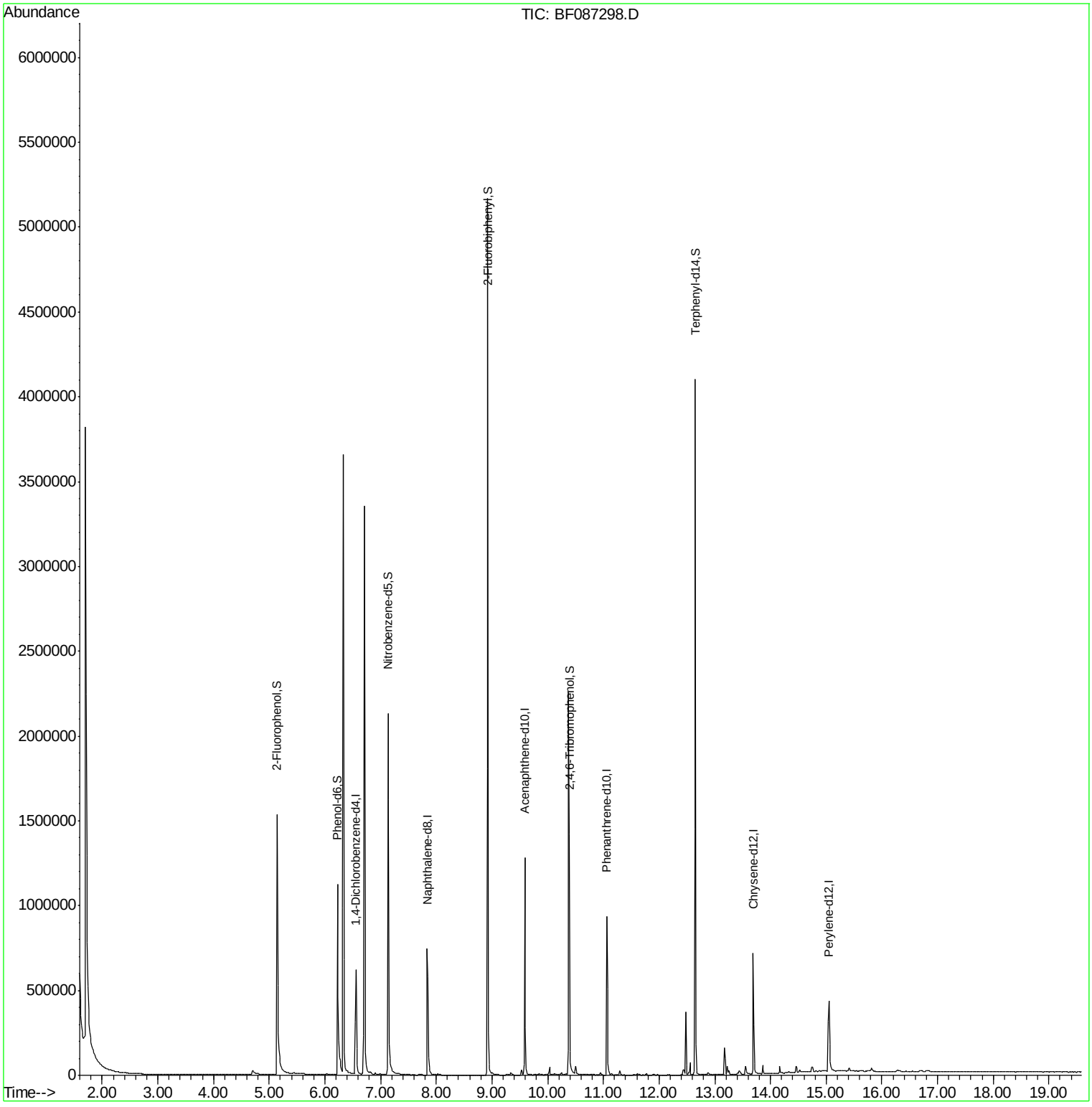
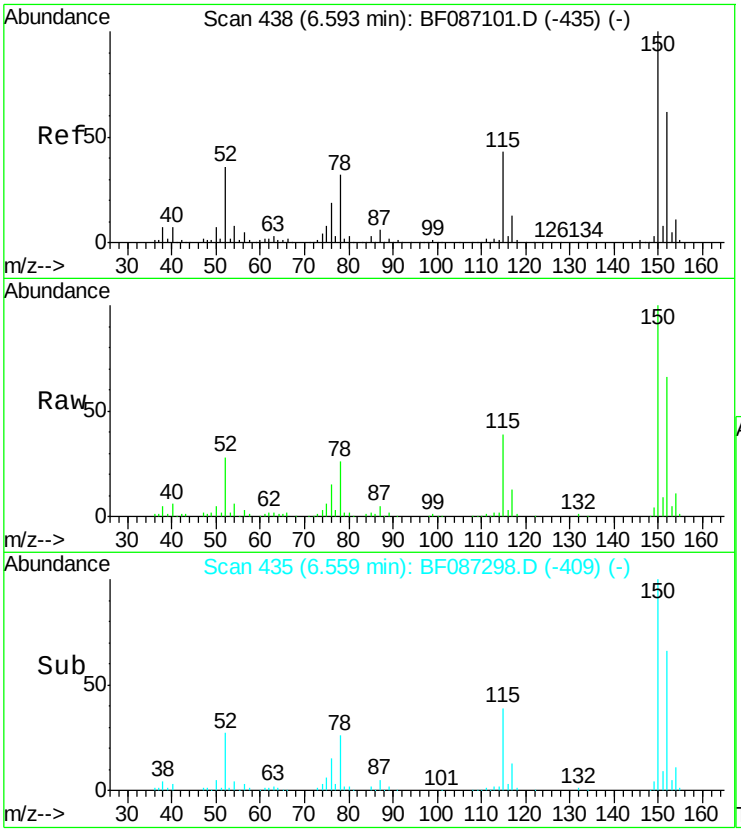


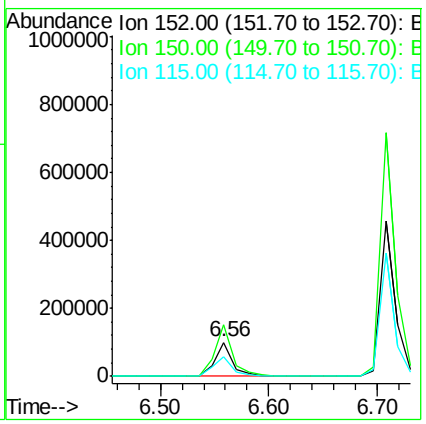


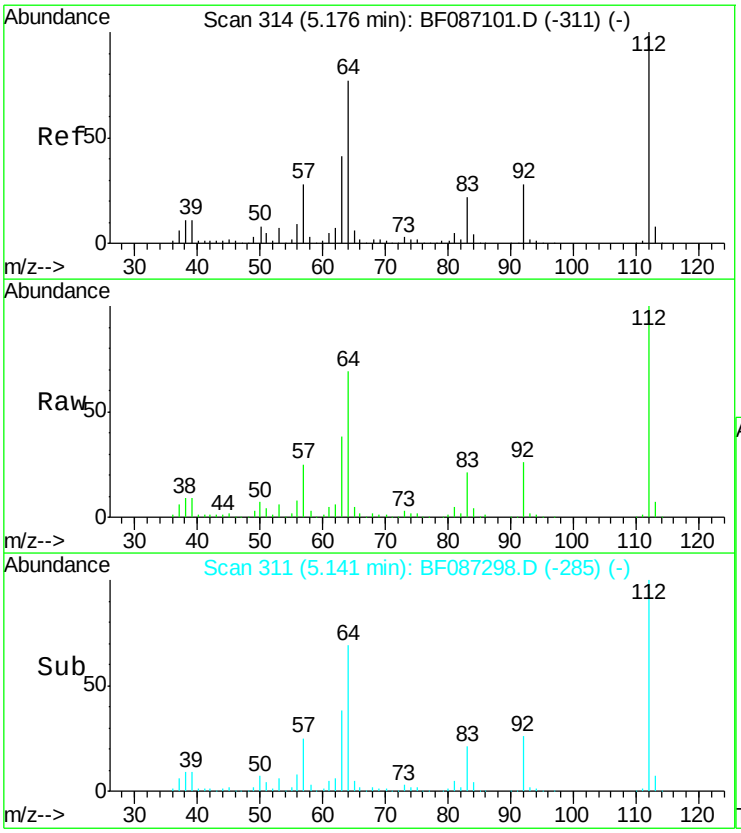
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 113418

Ion	Ratio	Lower	Upper
152	100		
150	151.3	125.8	188.6
115	58.8	51.5	77.3

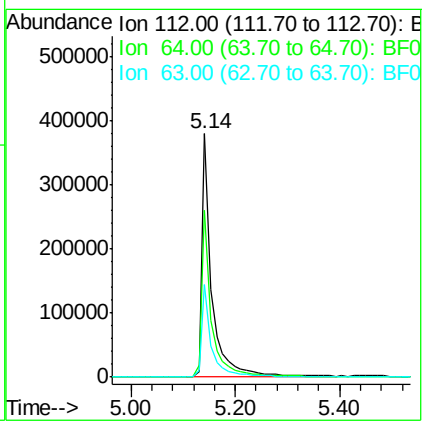


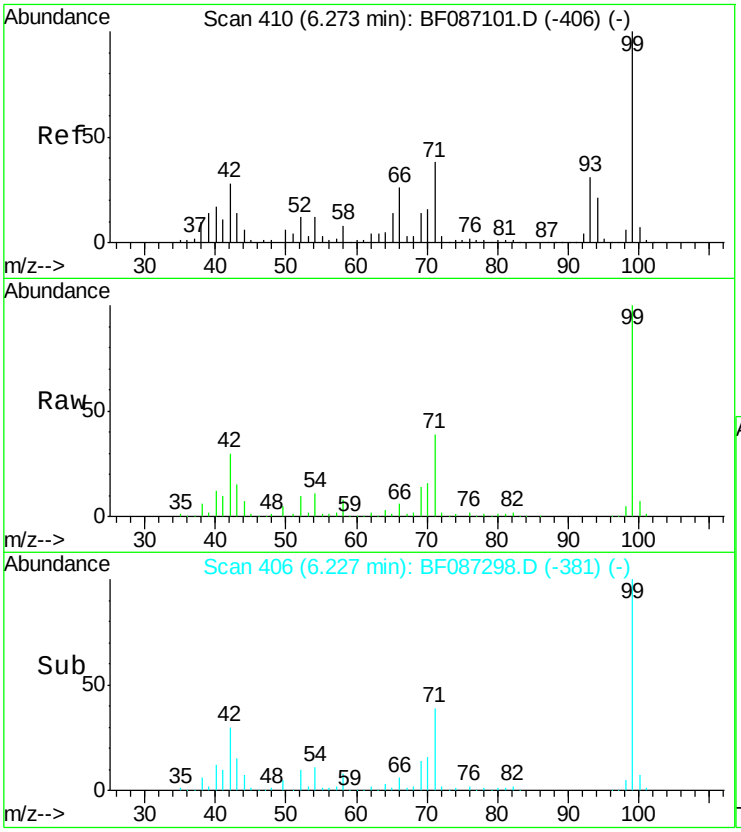


#5
2-Fluorophenol
Concen: 75.17 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:112 Resp: 507240

Ion	Ratio	Lower	Upper
112	100		
64	68.7	52.1	78.1
63	38.1	25.7	38.5



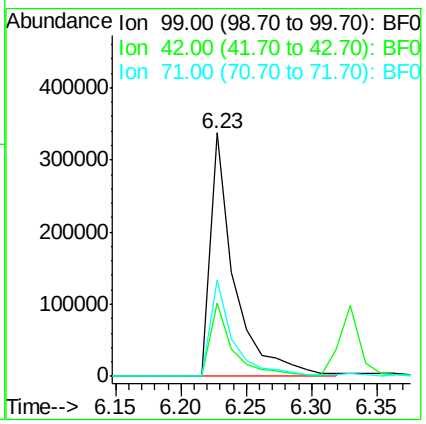


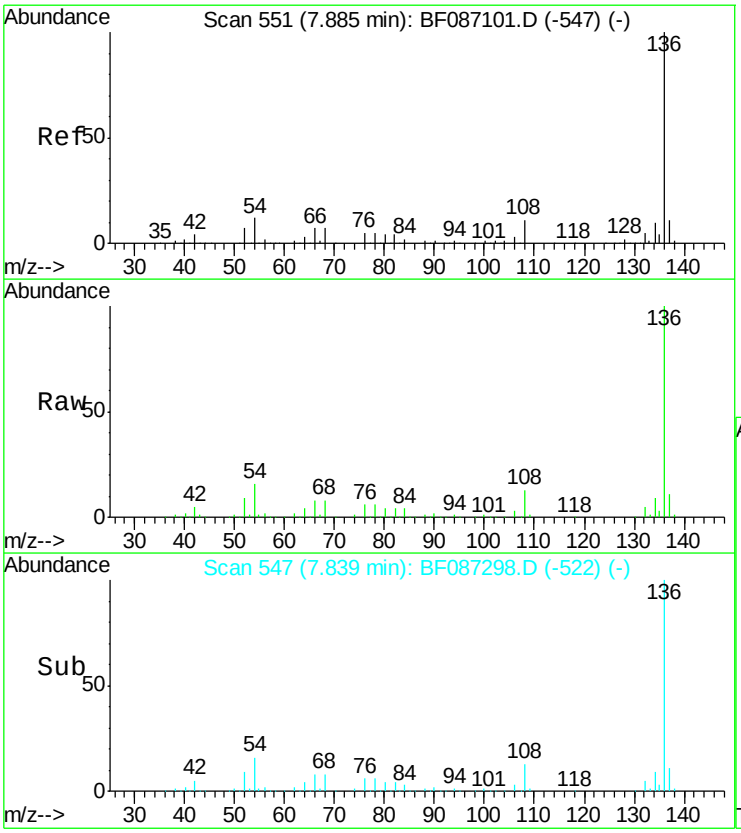
#7
Phenol-d6
Concen: 48.09 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 435200

Ion	Ratio	Lower	Upper
99	100		
42	29.9	13.6	20.4#
71	39.4	24.6	36.8#

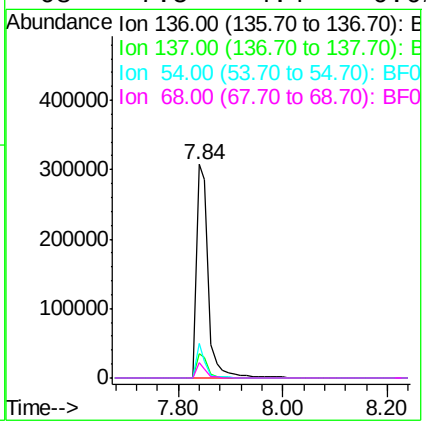


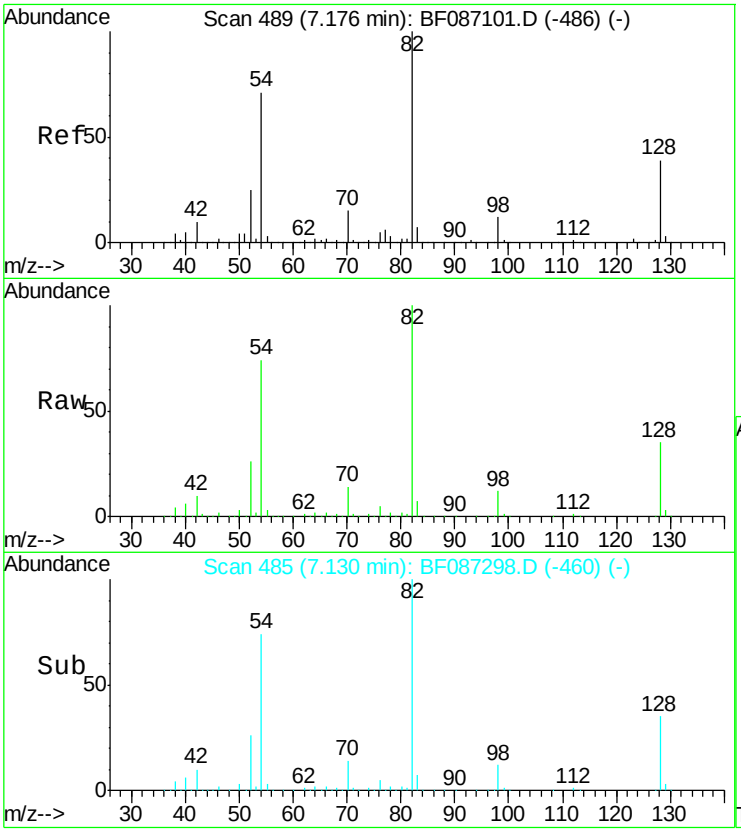


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:136 Resp: 486161

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	16.2	5.0	7.4#
68	7.5	4.4	6.6#



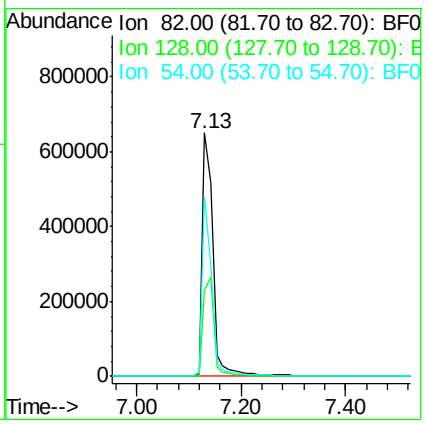


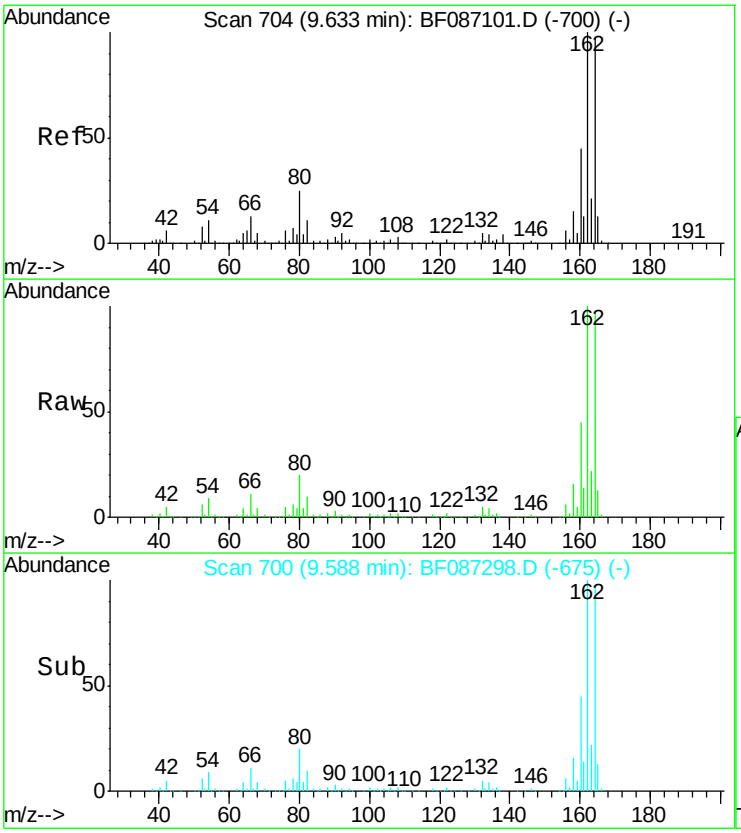
#23
Nitrobenzene-d5
Concen: 95.28 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 929428

Ion	Ratio	Lower	Upper
82	100		
128	35.4	40.6	61.0#
54	73.8	38.1	57.1#

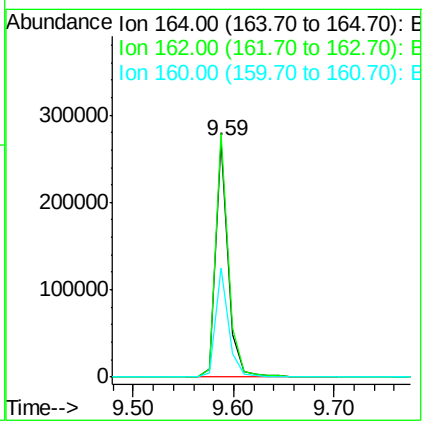


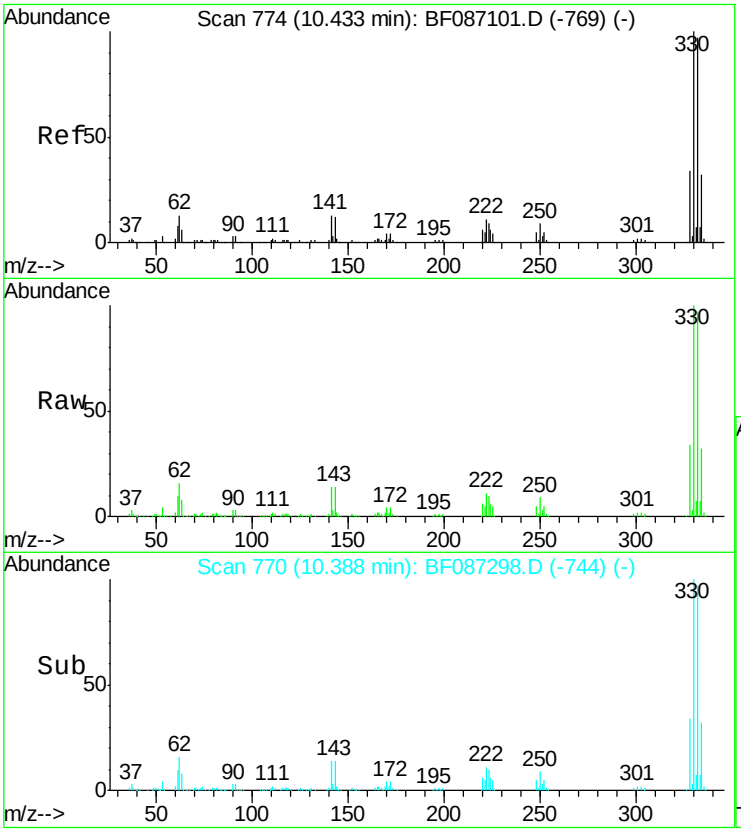


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:164 Resp: 235362

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.3	36.9	55.3



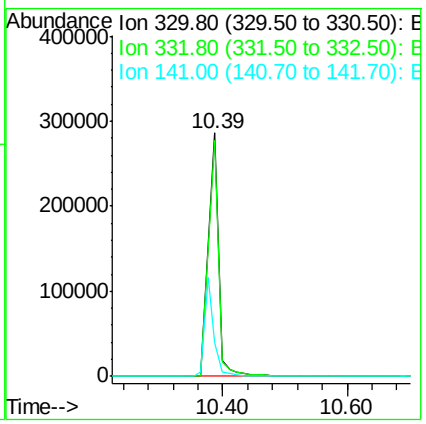


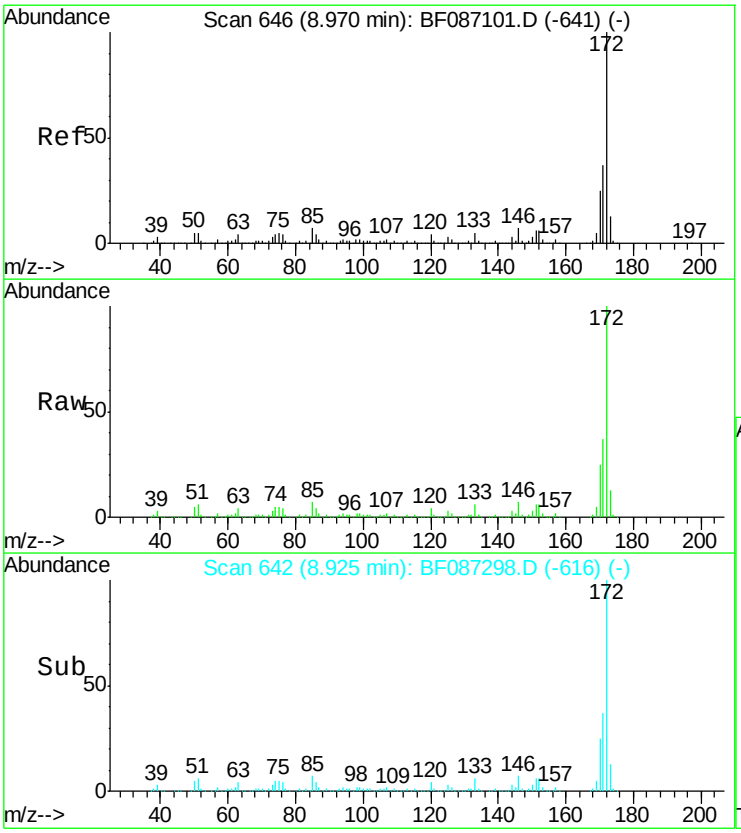
#41
2,4,6-Tribromophenol
Concen: 128.65 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 334608

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	36.2	31.2	46.8

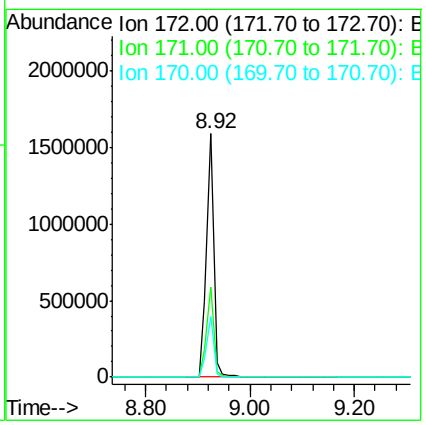


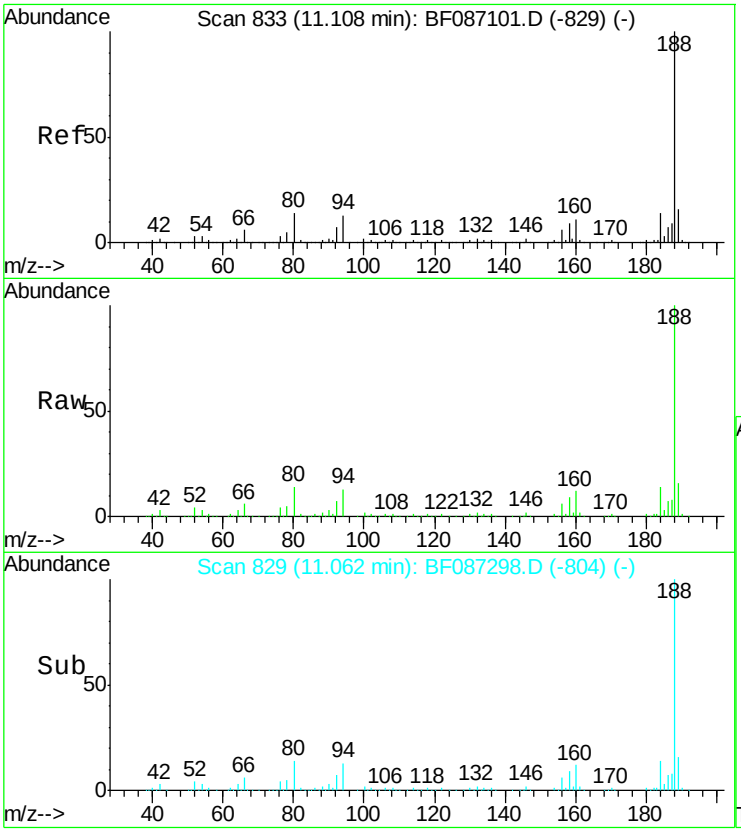


#44
2-Fluorobiphenyl
Concen: 109.44 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:172 Resp: 1555345

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	19.8	29.8



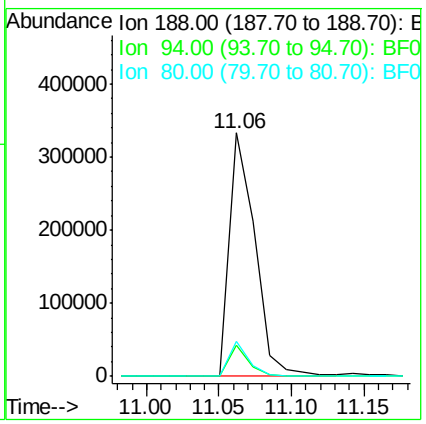


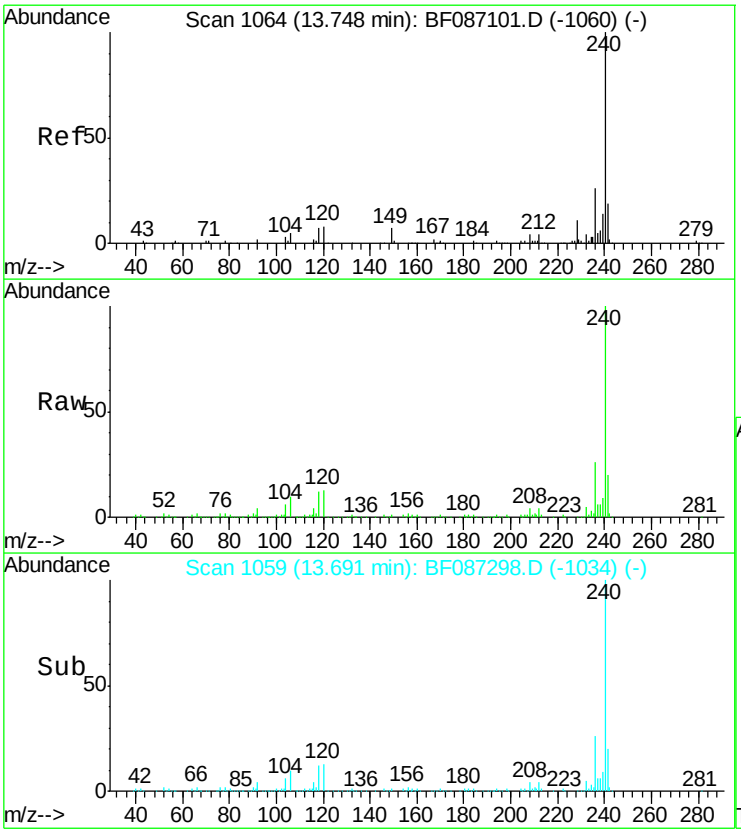
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 407345

Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.8	10.2#
80	14.5	7.1	10.7#

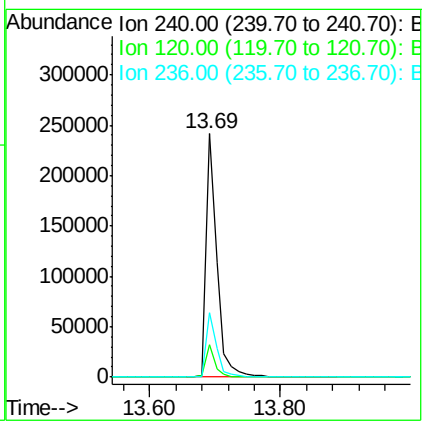


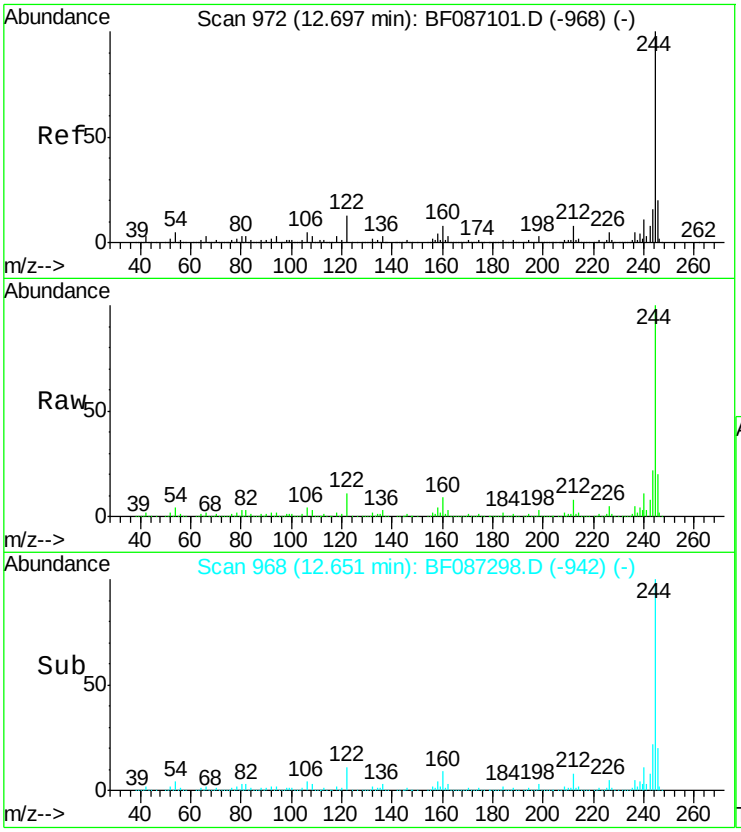


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:240 Resp: 279354

Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.2	16.8
236	26.4	21.2	31.8



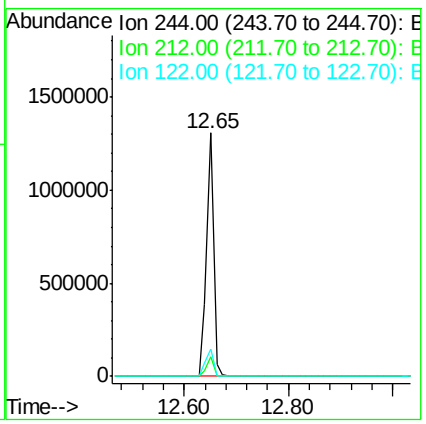


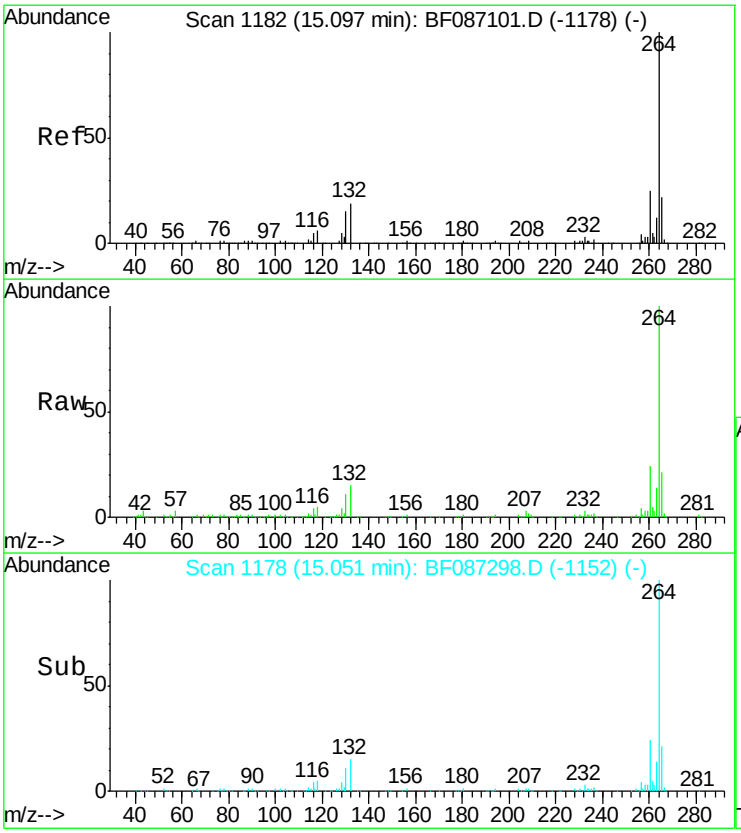
#78
Terphenyl-d14
Concen: 99.81 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087298.D
Acq: 22 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 1232565

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.5	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: BF087298.D
Acq: 22 May 2016 18:44

Tgt Ion:264 Resp: 227580

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9