Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087565.D
Acq On : 30 May 2016 23:54
Operator : UM/SJ
Sample : H3249-02
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-38

Quant Time: May 31 02:07:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	111556	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	440843	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	212930	20.00	ng	-0.05
63) Phenanthrene-d10	14.77	188	371788	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	244801	20.00	ng	0.01
86) Perylene-d12	20.18	264	201736	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	321013	50.56	ng	-0.01
7) Phenol-d6	7.06	99	240906	28.08	ng	-0.01
23) Nitrobenzene-d5	8.40	82	765635	87.53	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	243460	118.98	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1285659	85.12	ng	-0.06
78) Terphenyl-d14	17.10	244	1157390	100.51	ng	-0.03
Target Compounds						Qvalue

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

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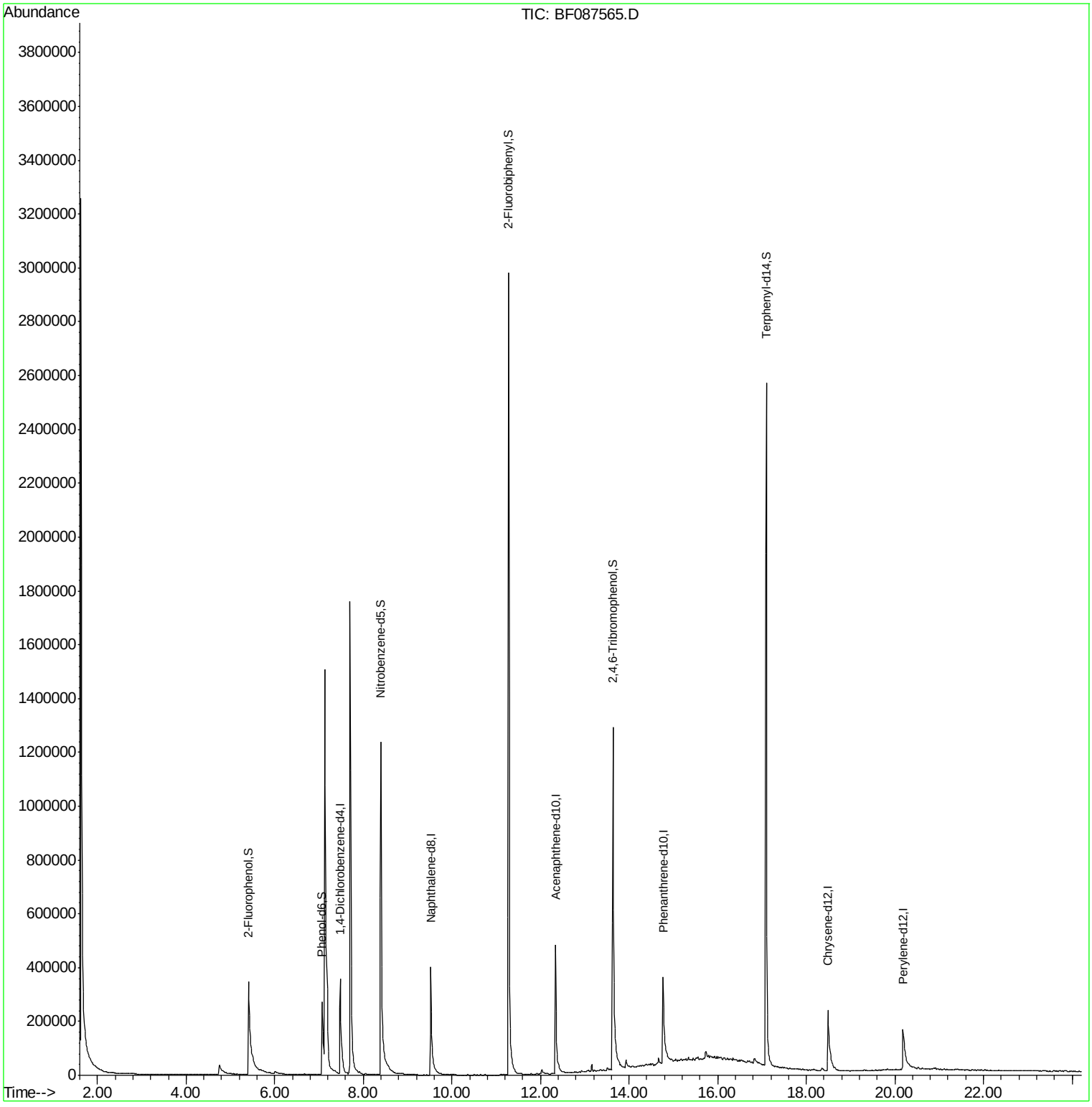
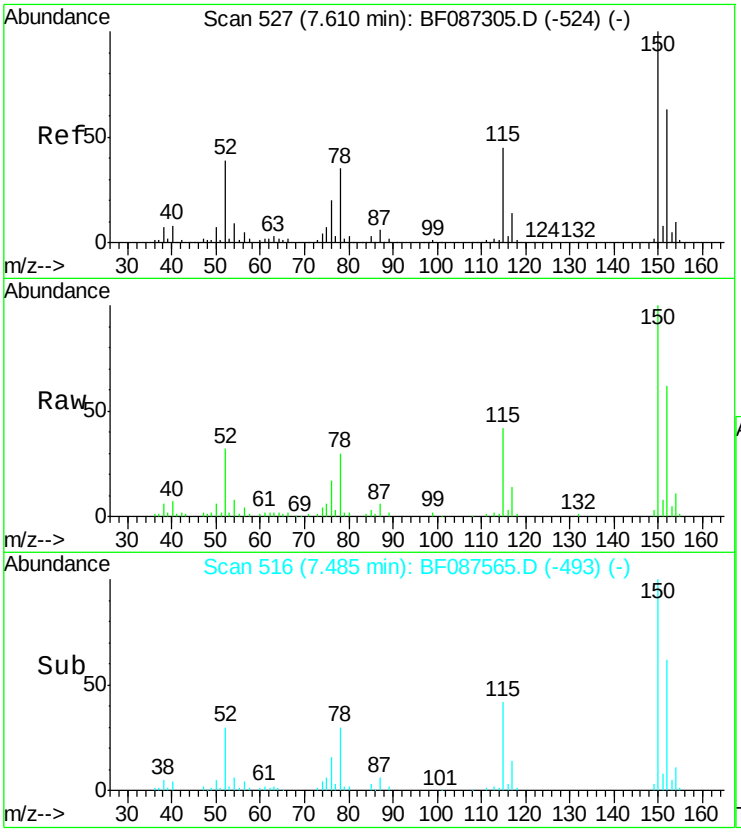


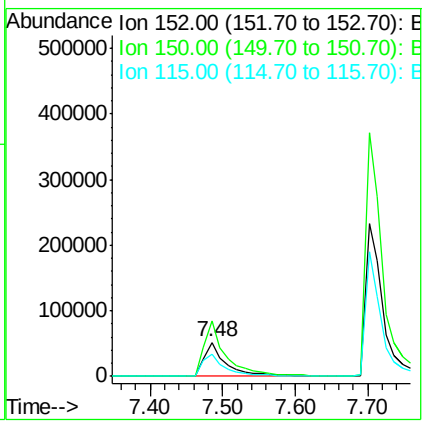


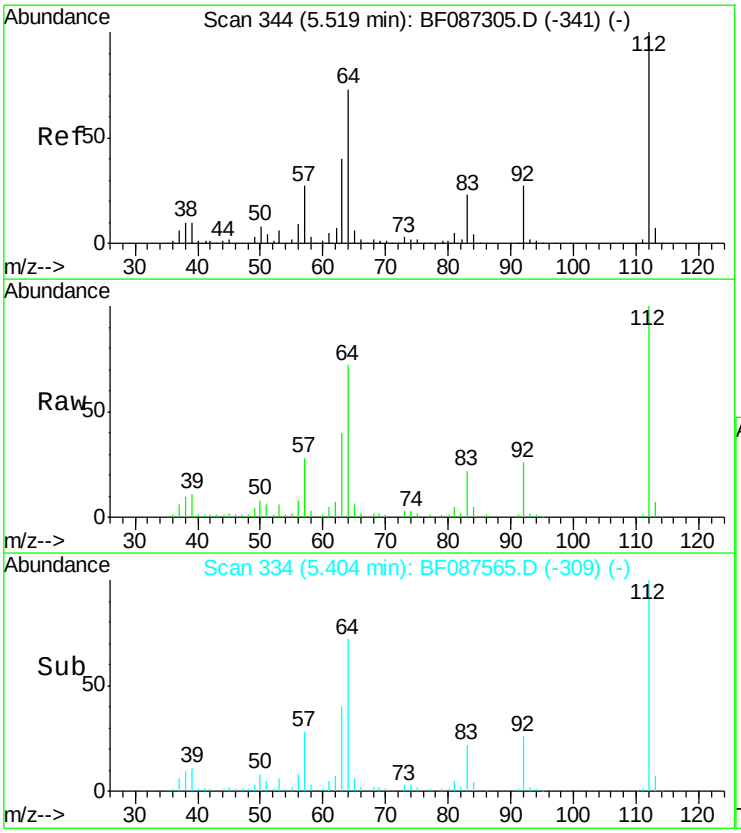
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:152 Resp: 111556

Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.8	188.6
115	66.5	51.5	77.3

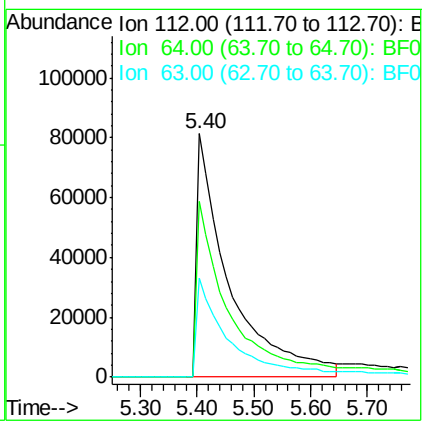


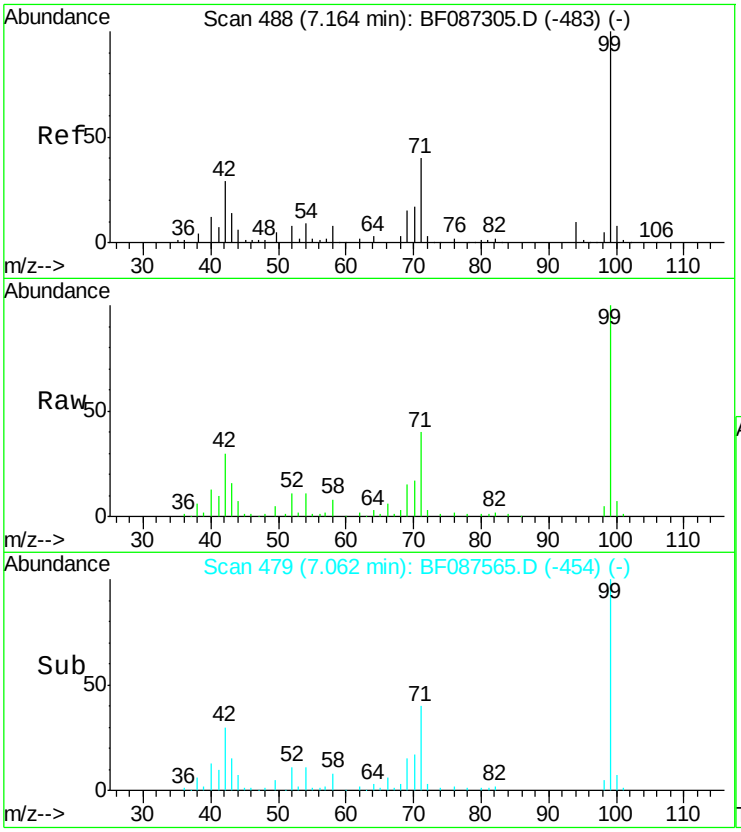


#5
2-Fluorophenol
Concen: 50.56 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:112 Resp: 321013

Ion	Ratio	Lower	Upper
112	100		
64	72.1	52.1	78.1
63	40.4	25.7	38.5#



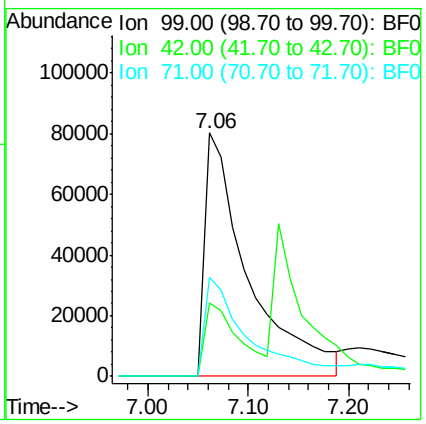


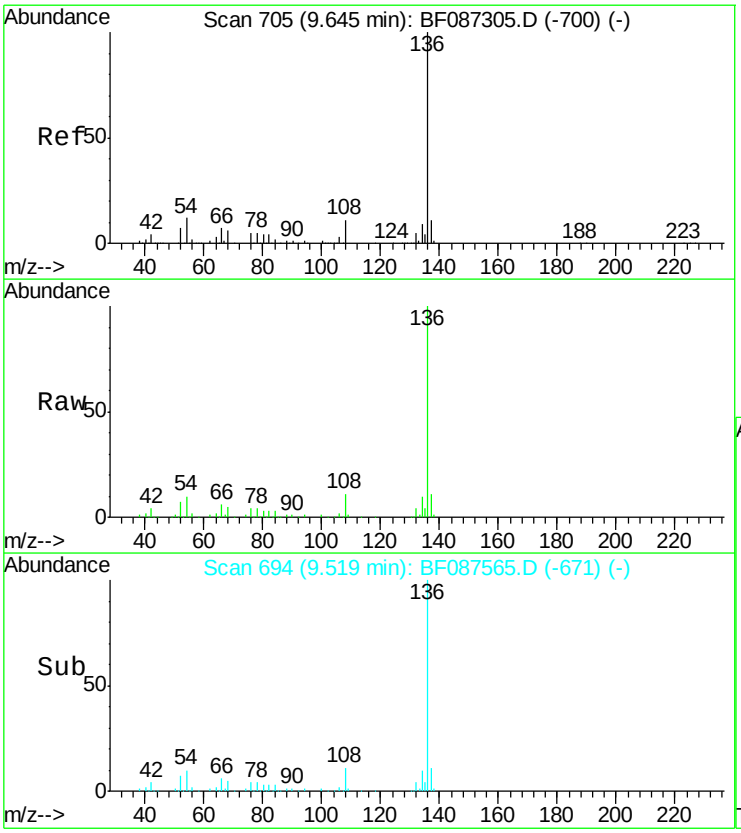
#7
Phenol-d6
Concen: 28.08 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion: 99 Resp: 240906

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	40.4	24.6	36.8#

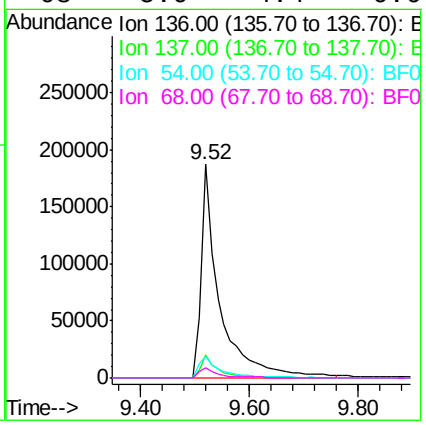


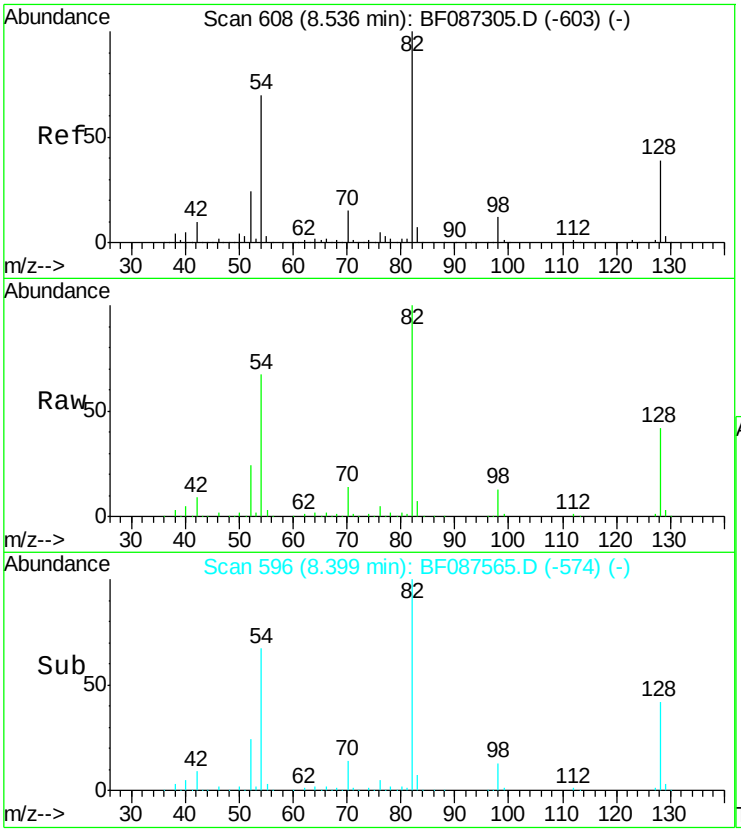


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:136 Resp: 440843

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.4	5.0	7.4#
68	5.0	4.4	6.6



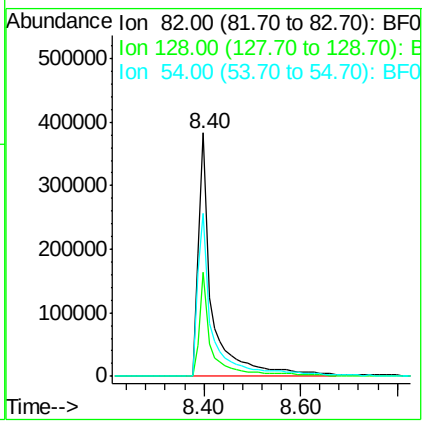


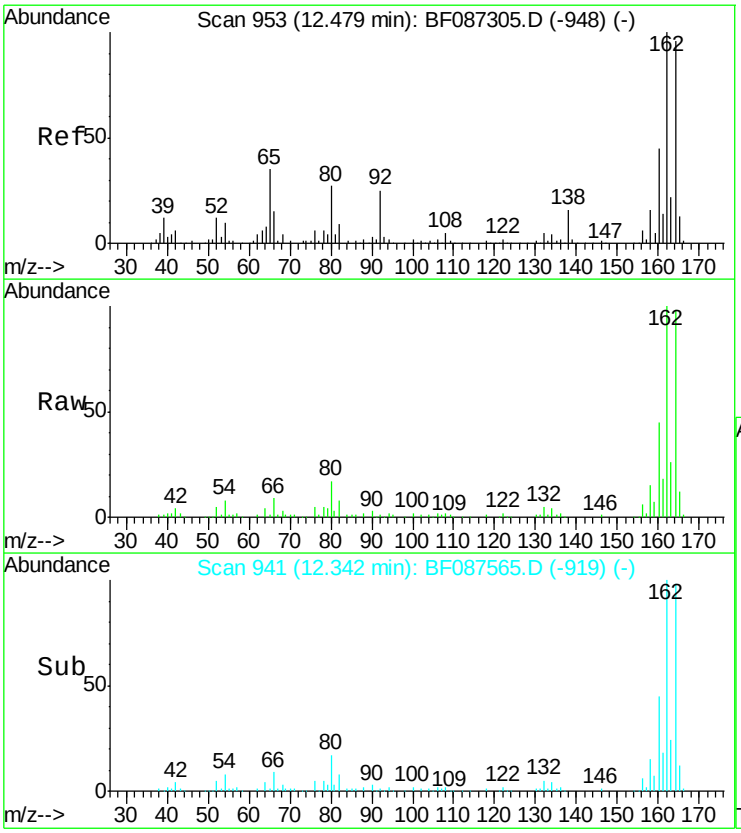
#23
Nitrobenzene-d5
Concen: 87.53 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion: 82 Resp: 765635

Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	61.0
54	67.0	38.1	57.1#

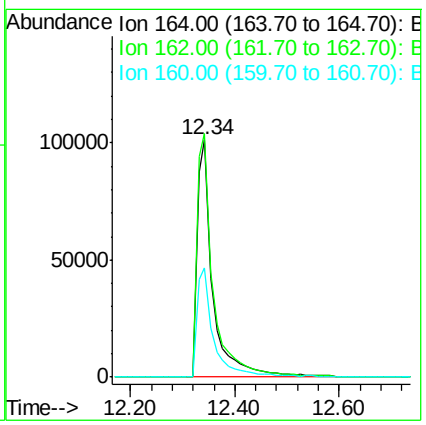


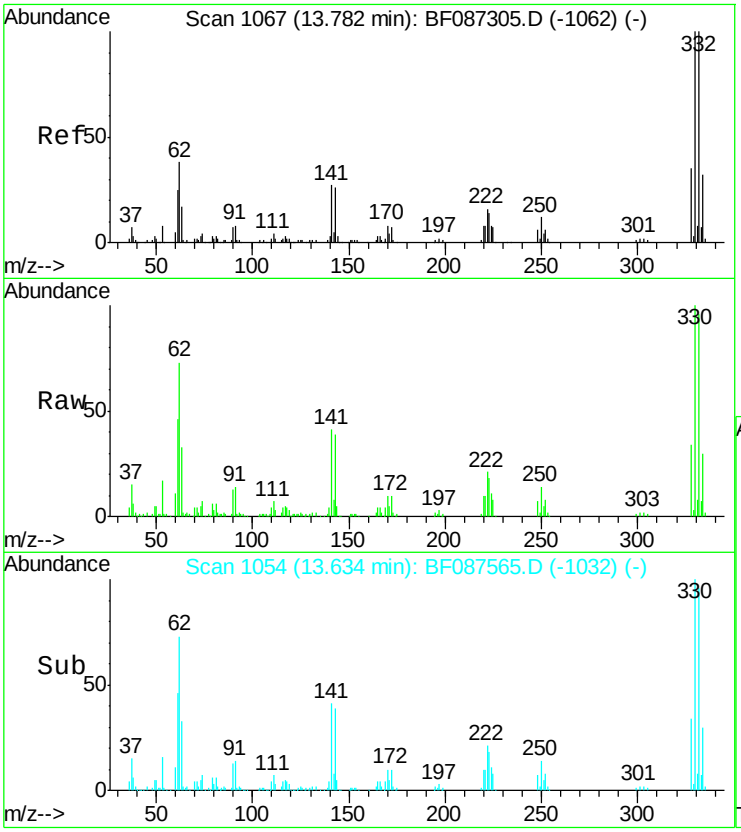


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:164 Resp: 212930

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	45.8	36.9	55.3



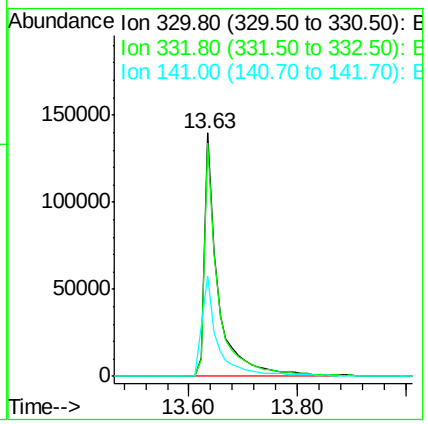


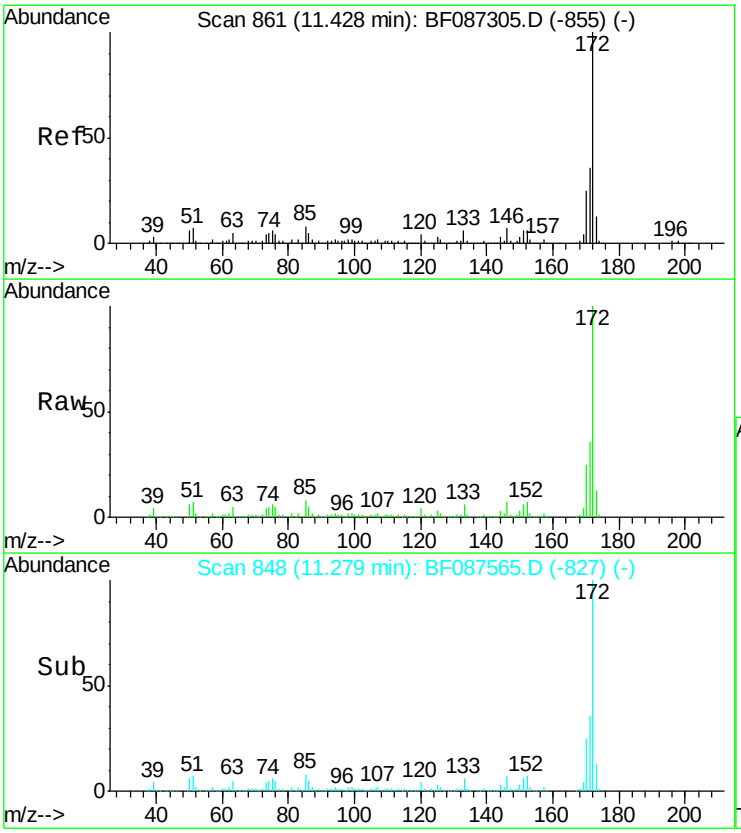
#41
2,4,6-Tribromophenol
Concen: 118.98 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:330 Resp: 243460

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	48.3	31.2	46.8#

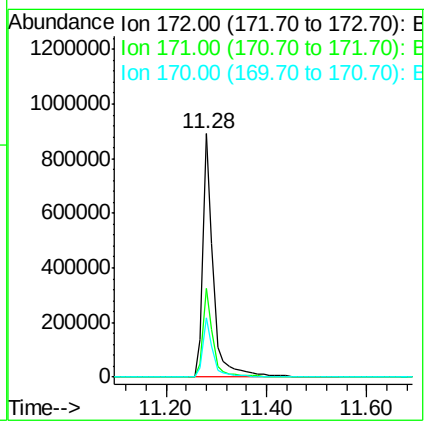


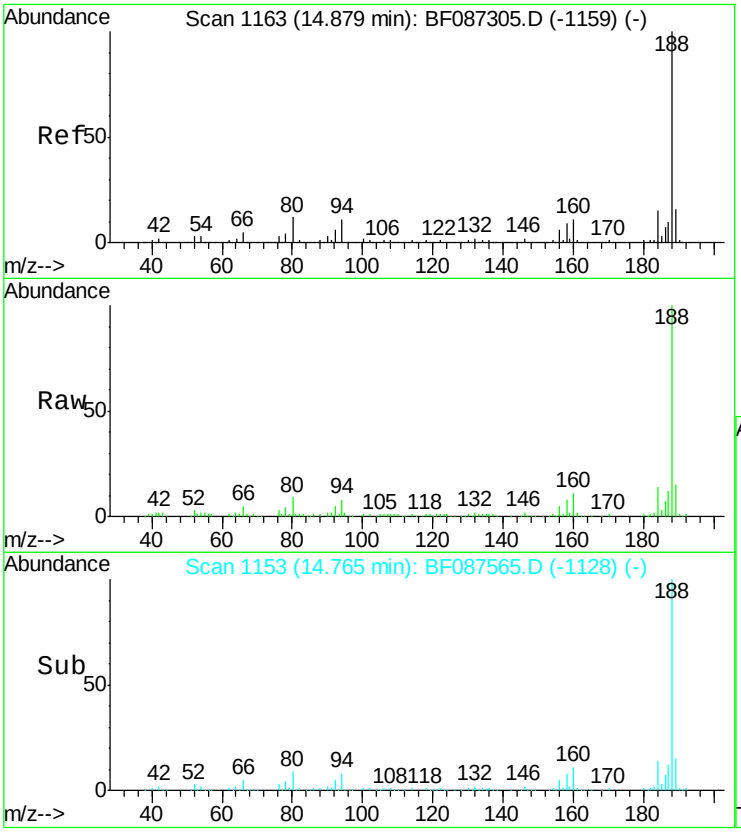


#44
2-Fluorobiphenyl
Concen: 85.12 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:172 Resp: 1285659

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.8	29.8



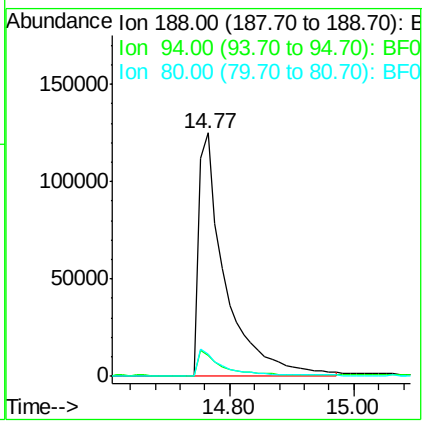


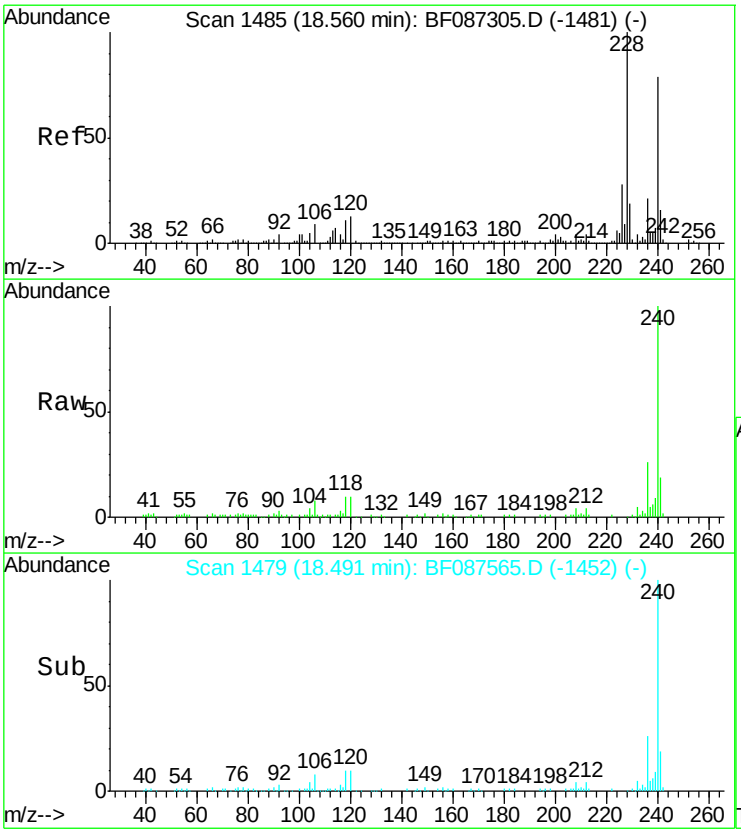
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:188 Resp: 371788

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.2	7.1	10.7

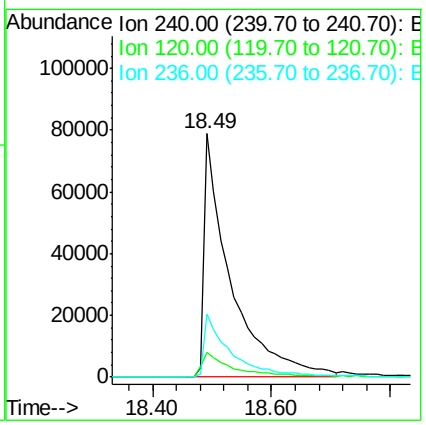


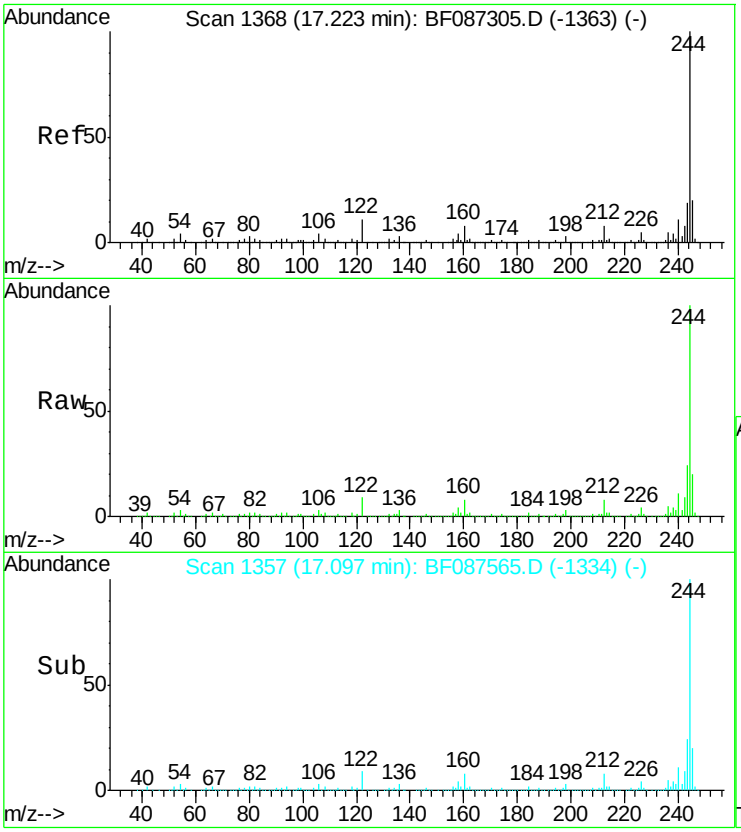


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:240 Resp: 244801

Ion	Ratio	Lower	Upper
240	100		
120	10.3	11.2	16.8#
236	25.8	21.2	31.8



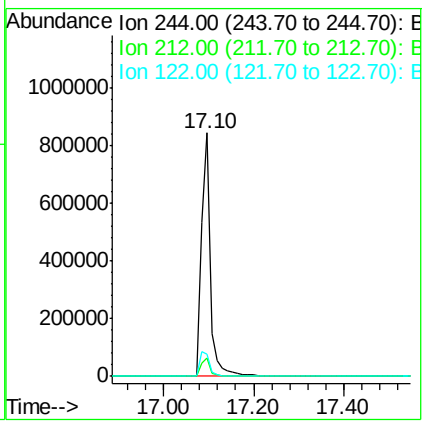


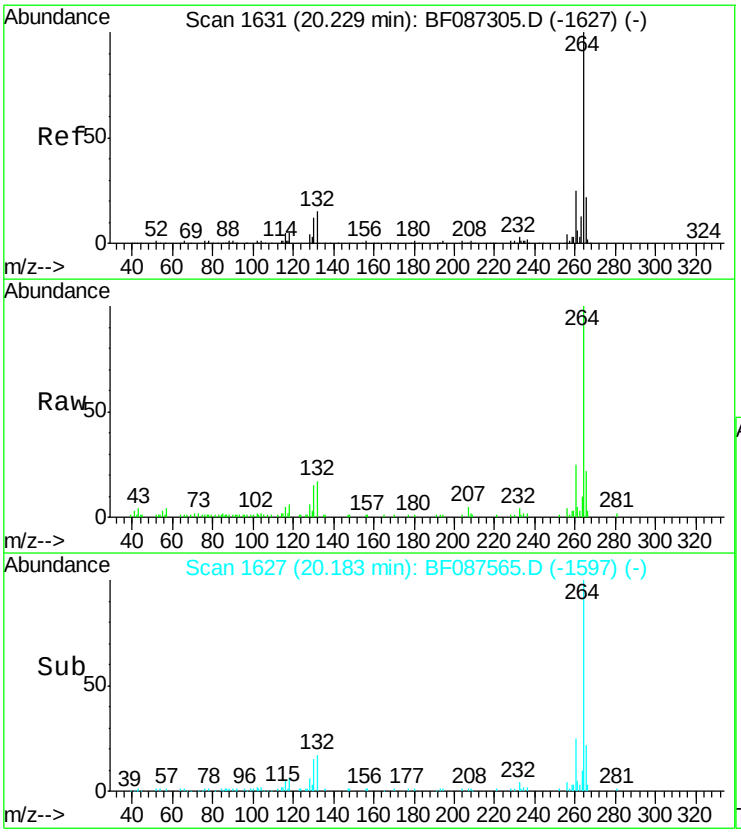
#78
Terphenyl-d14
Concen: 100.51 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:244 Resp: 1157390

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.2	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. 0.05 min
Lab File: BF087565.D
Acq: 30 May 2016 23:54

Tgt Ion:264 Resp: 201736

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.9	17.3	25.9