Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087571.D
Acq On : 31 May 2016 3:20
Operator : UM/SJ
Sample : H3249-08
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Time: May 31 03:48:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 00:45:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107022	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	437812	20.00	ng	0.01
38) Acenaphthene-d10	12.33	164	206665	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	362564	20.00	ng	0.02
75) Chrysene-d12	18.49	240	239279	20.00	ng	0.05
86) Perylene-d12	20.18	264	193879	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	386420	63.44	ng	0.03
7) Phenol-d6	7.06	99	337525	41.01	ng	0.02
23) Nitrobenzene-d5	8.40	82	856575	98.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	249676	125.72	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1328164	90.60	ng	-0.01
78) Terphenyl-d14	17.09	244	1068725	94.96	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.70	79	16858	2.81	ng	# 46
18) Hexachloroethane	8.38	117	41088	12.95	ng	# 6
19) n-Nitroso-di-n-propylamine	8.40	70	108832	17.73	ng	# 76
50) 2,6-Dinitrotoluene	12.33	165	21699	6.50	ng	# 21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
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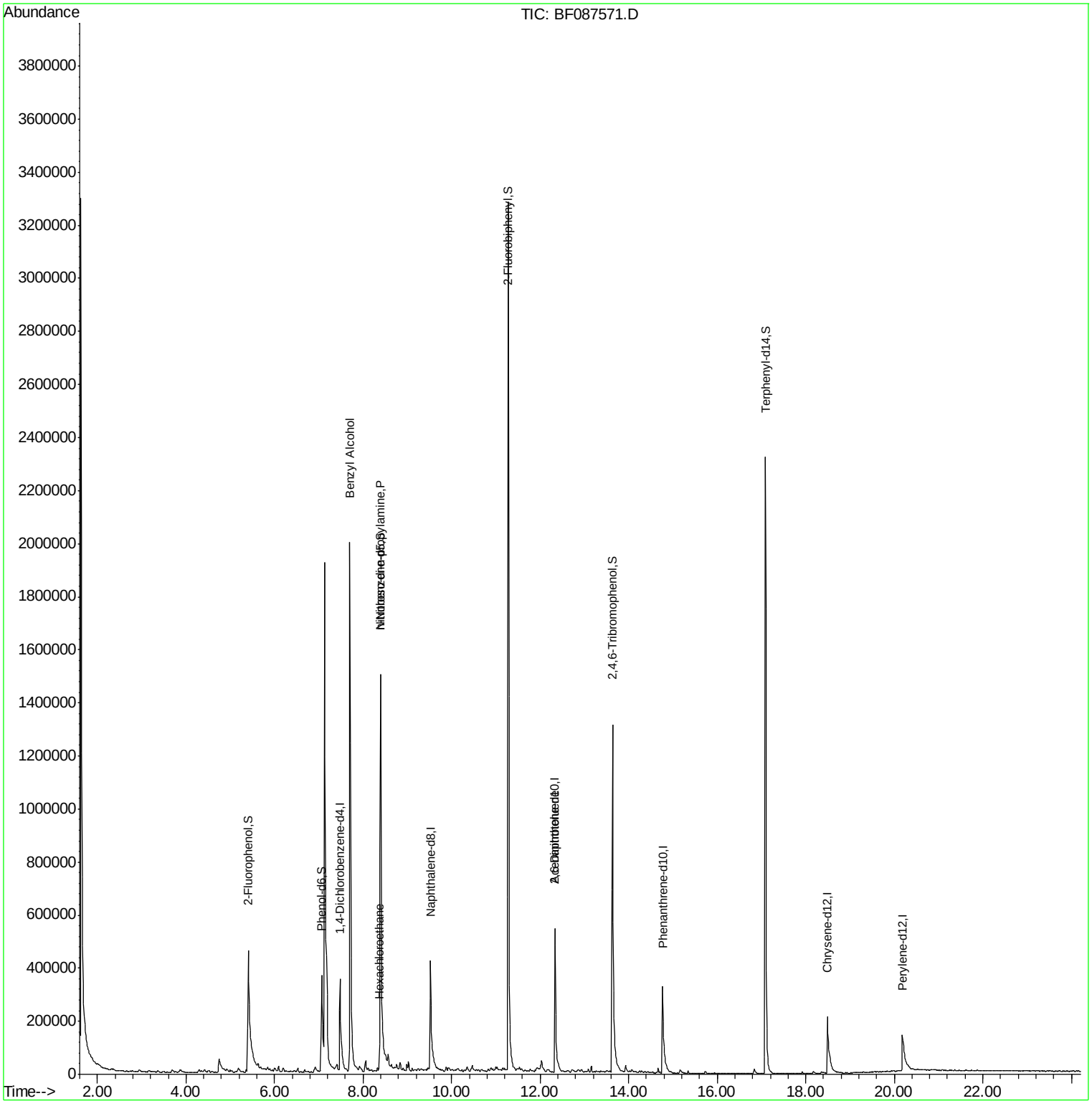
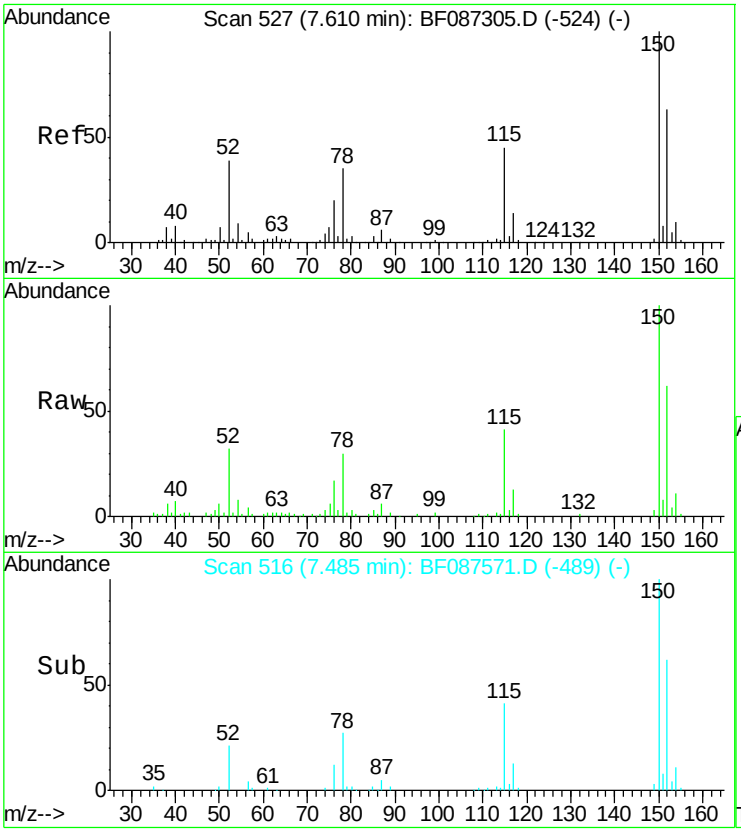


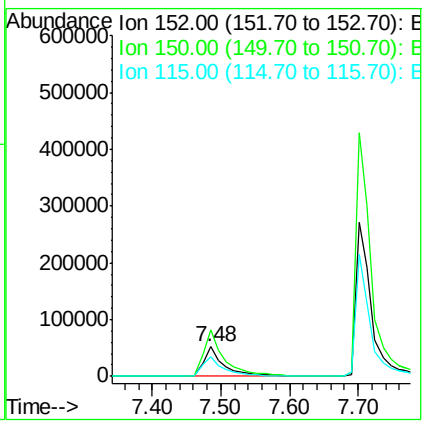


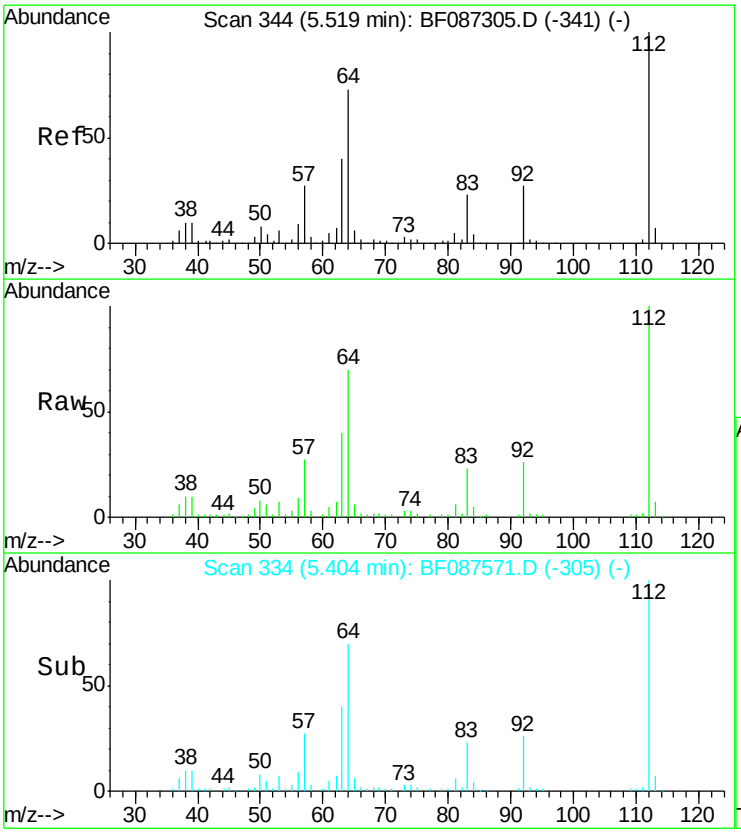
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 107022

Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.8	188.6
115	66.7	51.5	77.3

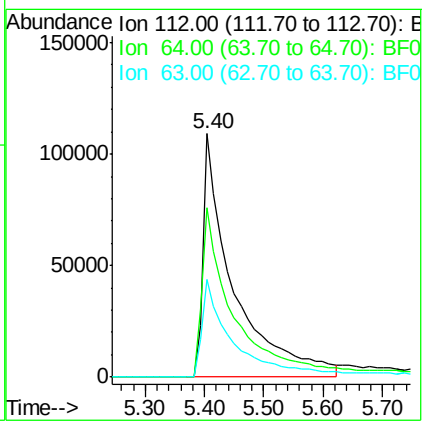


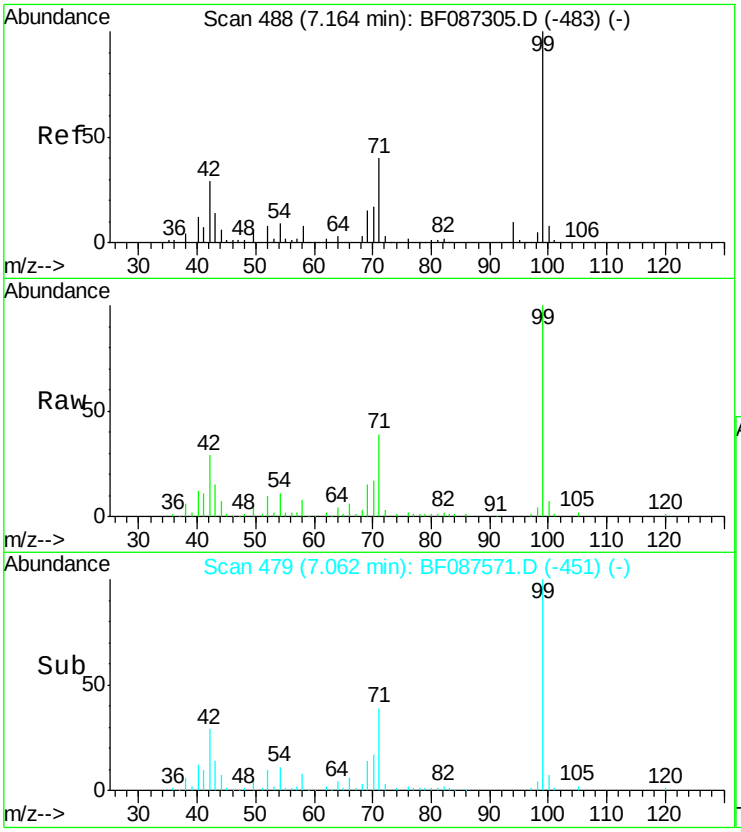


#5
2-Fluorophenol
Concen: 63.44 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:112 Resp: 386420

Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.1	78.1
63	39.9	25.7	38.5#



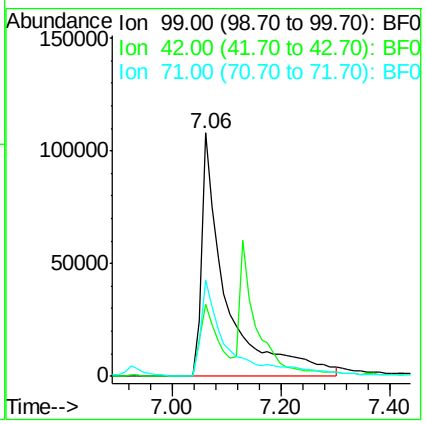


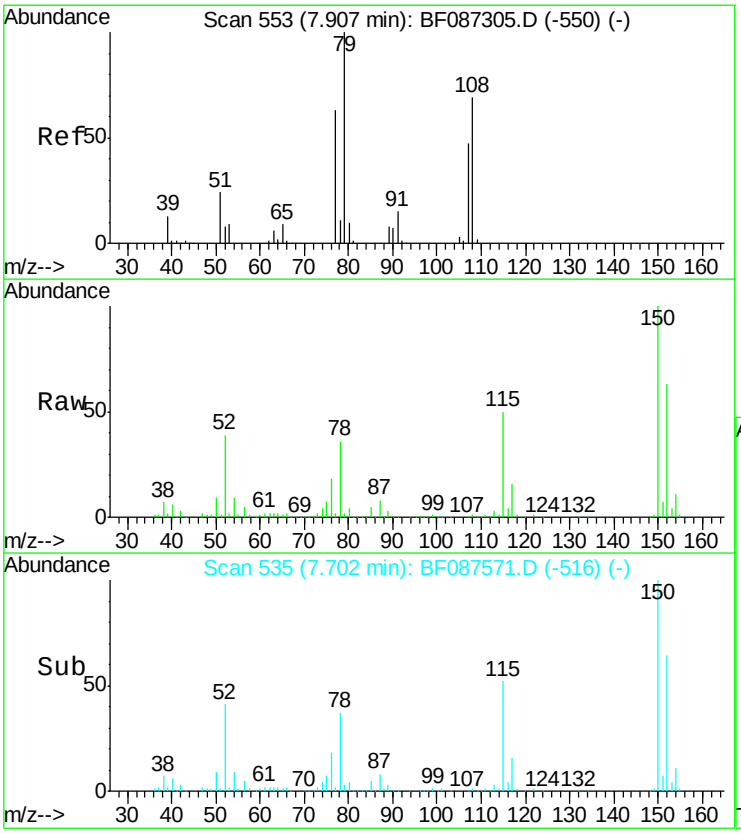
#7
Phenol-d6
Concen: 41.01 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.02 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 337525

Ion	Ratio	Lower	Upper
99	100		
42	29.5	13.6	20.4#
71	39.4	24.6	36.8#

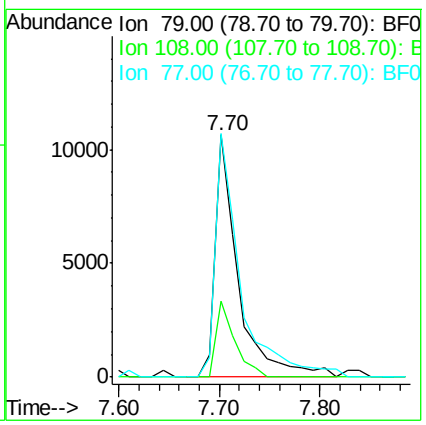


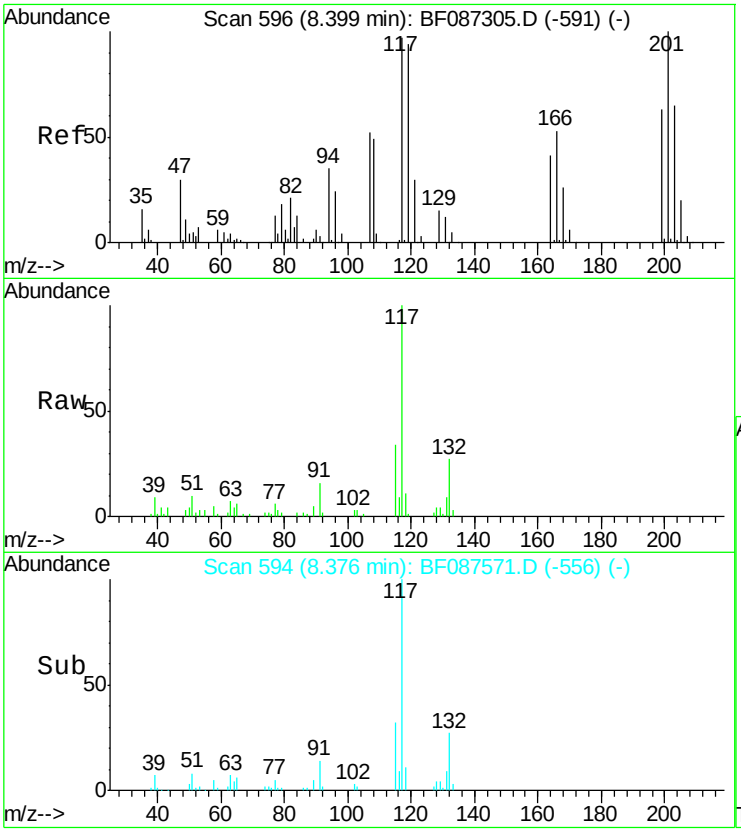


#15
Benzyl Alcohol
Concen: 2.81 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.08 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion: 79 Resp: 16858

Ion	Ratio	Lower	Upper
79	100		
108	31.5	68.4	102.6#
77	100.6	50.6	76.0#



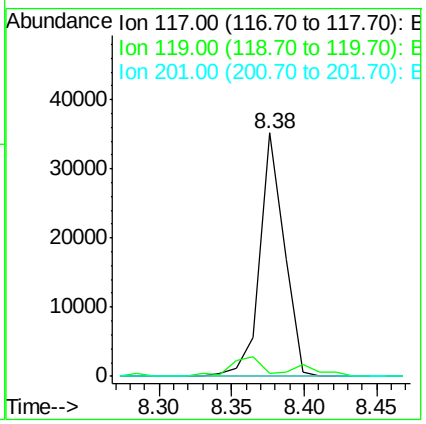


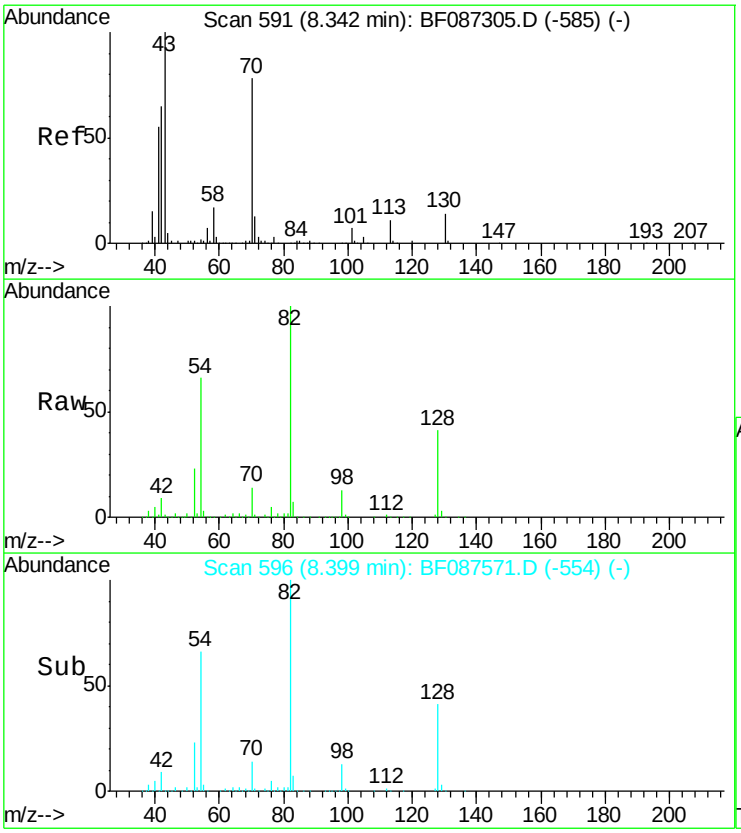
#18
Hexachloroethane
Concen: 12.95 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.14 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:117 Resp: 41088

Ion	Ratio	Lower	Upper
117	100		
119	1.4	76.5	114.7#
201	0.0	63.0	94.6#

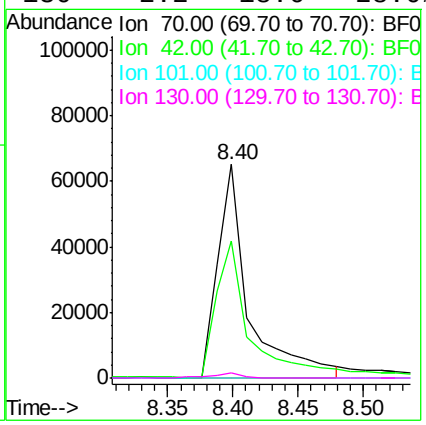


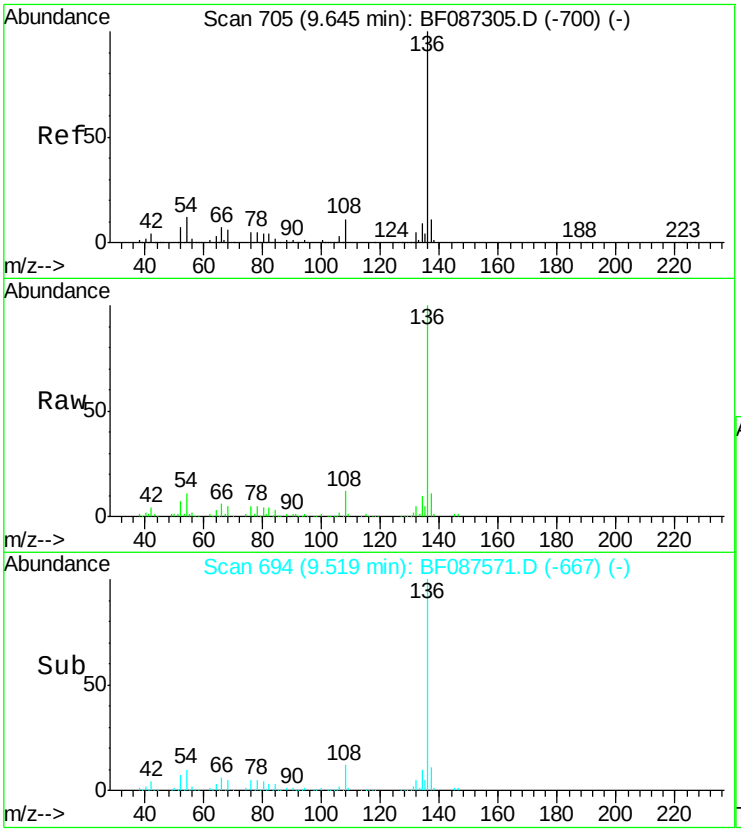


#19
n-Nitroso-di-n-propylamine
Concen: 17.73 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.18 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion: 70 Resp: 108832

Ion	Ratio	Lower	Upper
70	100		
42	64.1	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#



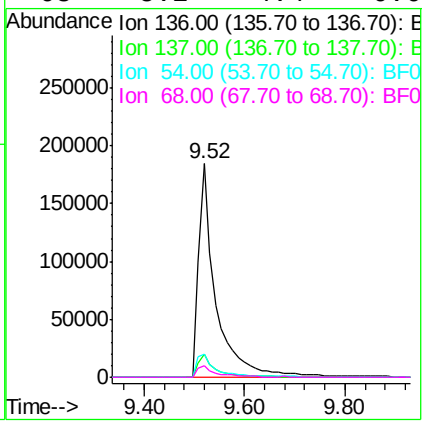


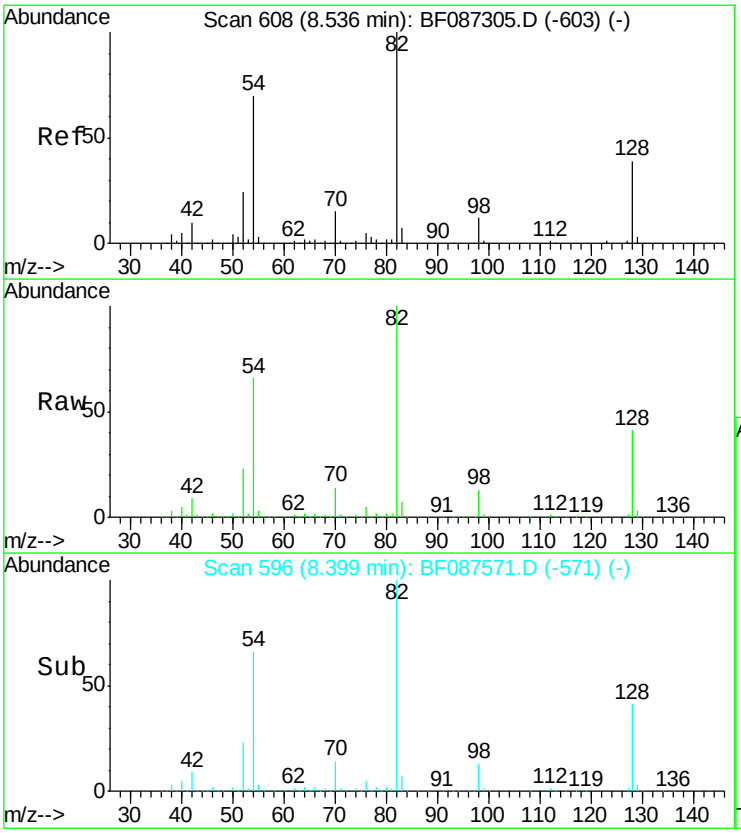
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:136 Resp: 437812

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.6	5.0	7.4#
68	5.2	4.4	6.6

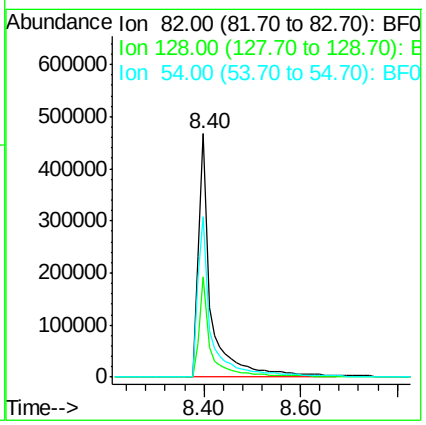


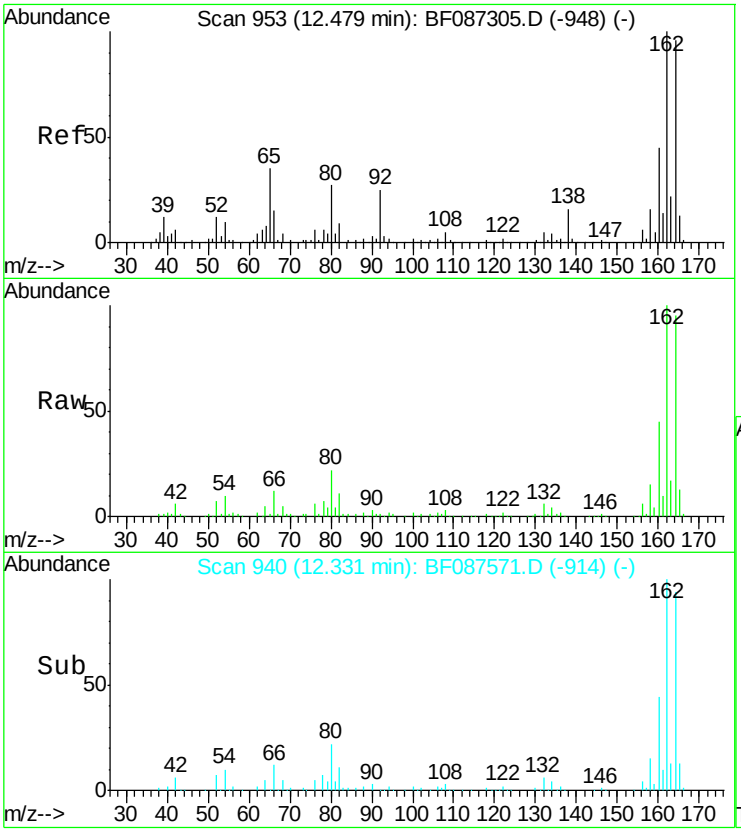


#23
Nitrobenzene-d5
Concen: 98.60 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion: 82 Resp: 856575

Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.6	61.0
54	65.9	38.1	57.1#



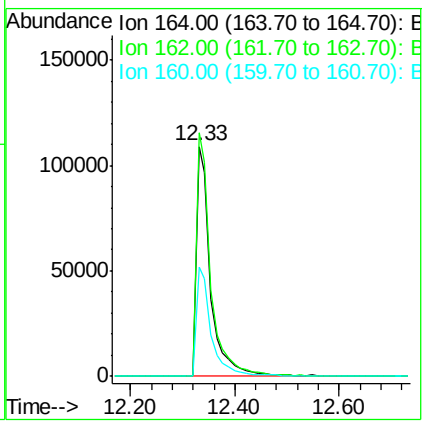


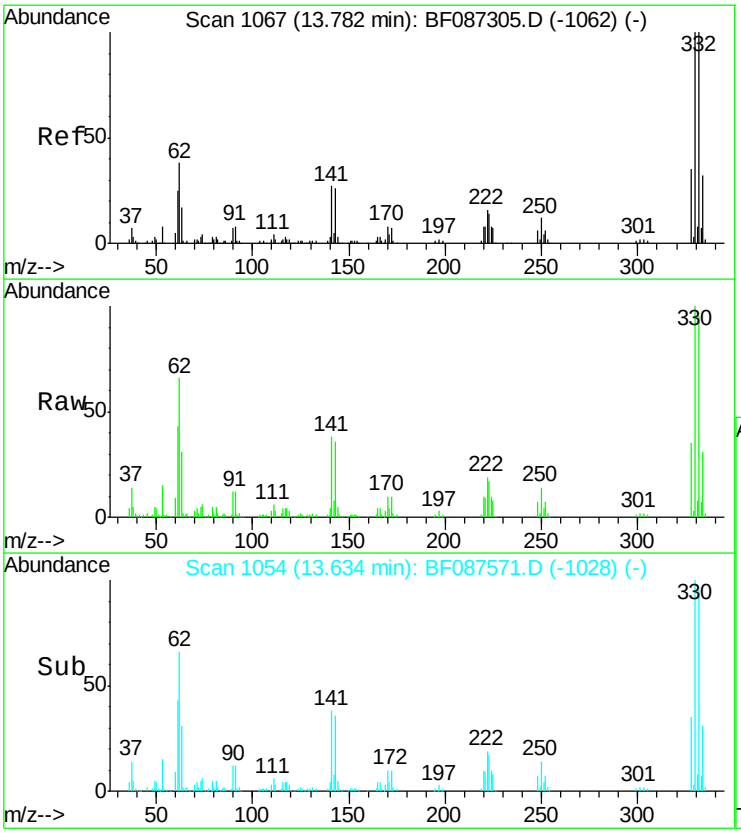
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:164 Resp: 206665

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.8	124.2
160	47.5	36.9	55.3

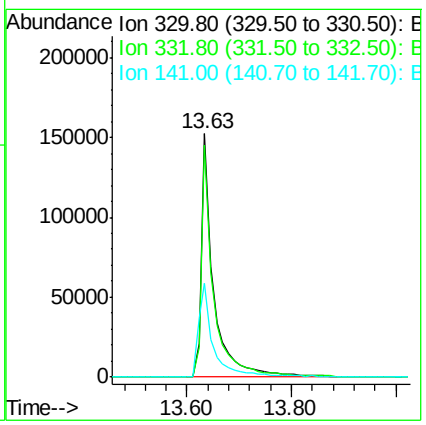


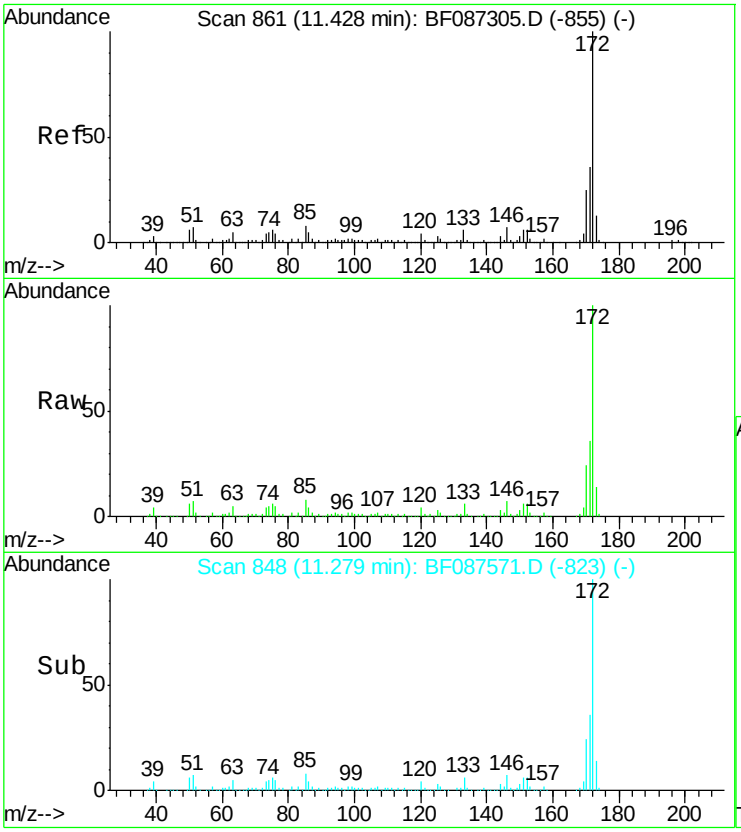


#41
2,4,6-Tribromophenol
Concen: 125.72 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:330 Resp: 249676

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	47.1	31.2	46.8#



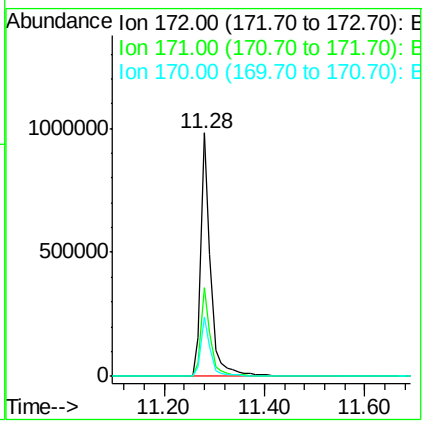


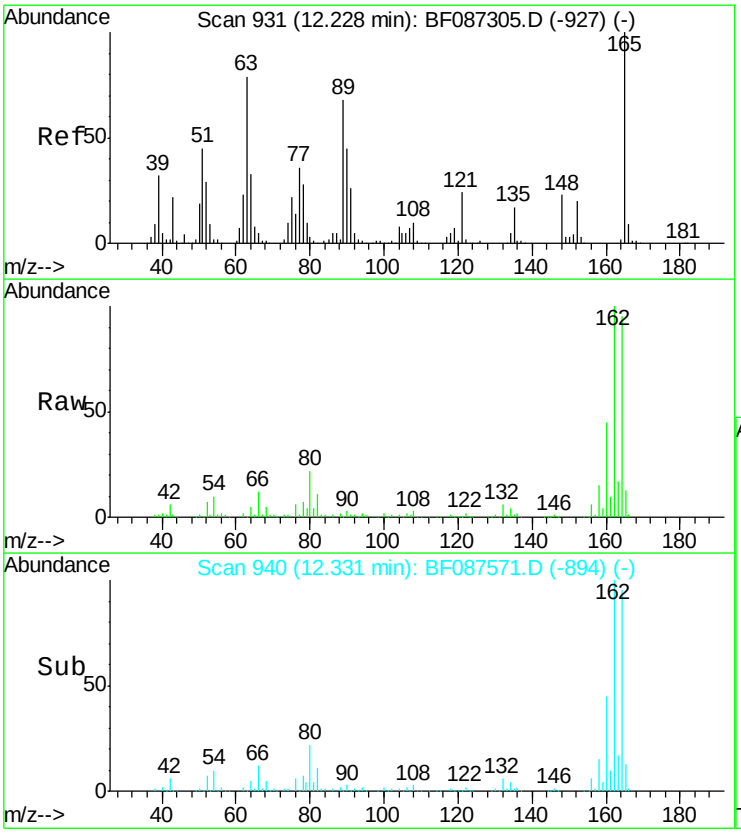
#44
2-Fluorobiphenyl
Concen: 90.60 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:172 Resp: 1328164

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8

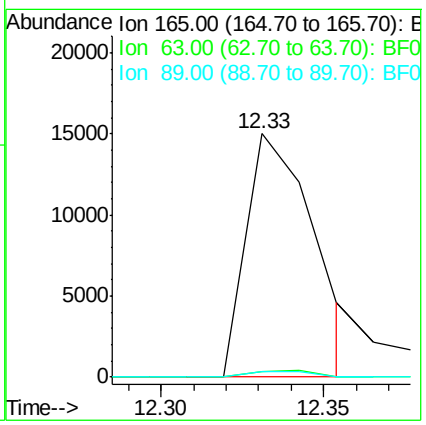


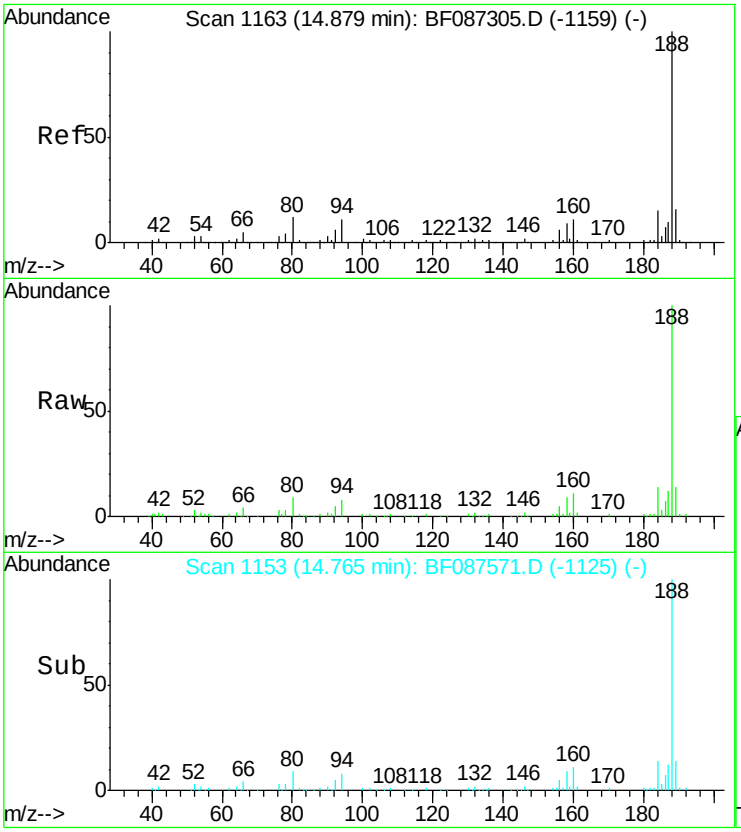


#50
2,6-Dinitrotoluene
Concen: 6.50 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.23 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:165 Resp: 21699

Ion	Ratio	Lower	Upper
165	100		
63	2.3	51.8	77.8#
89	2.1	50.7	76.1#



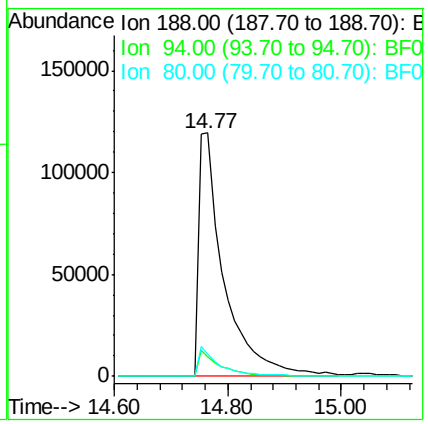


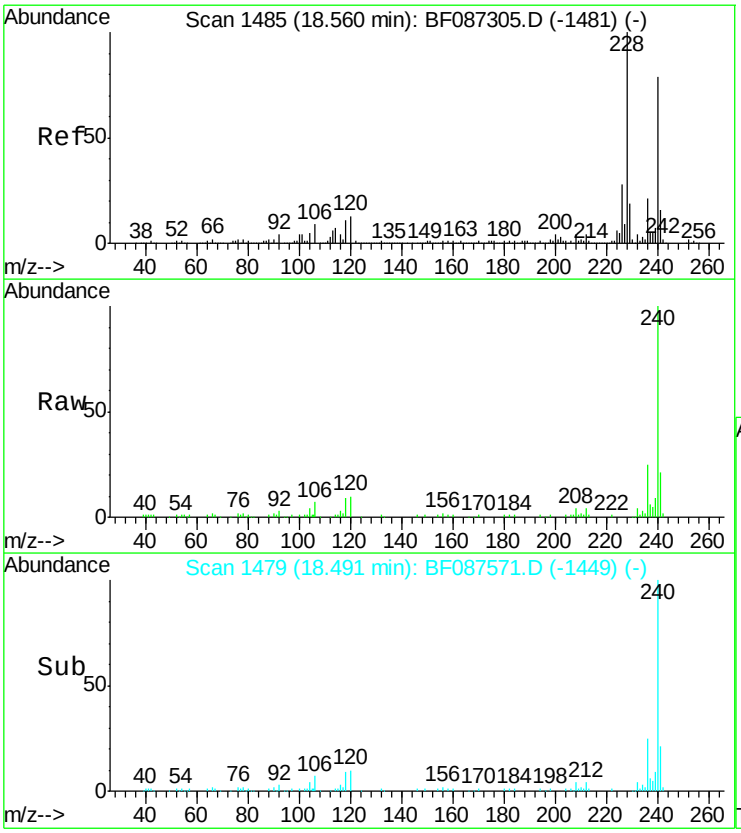
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 362564

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.9	7.1	10.7

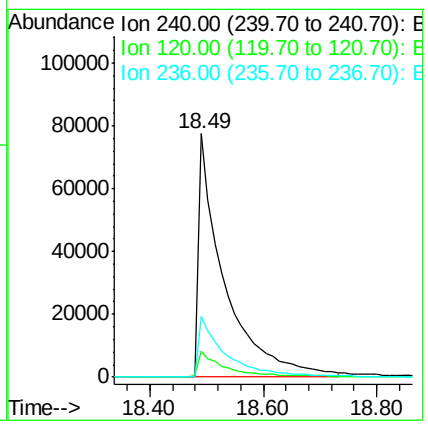


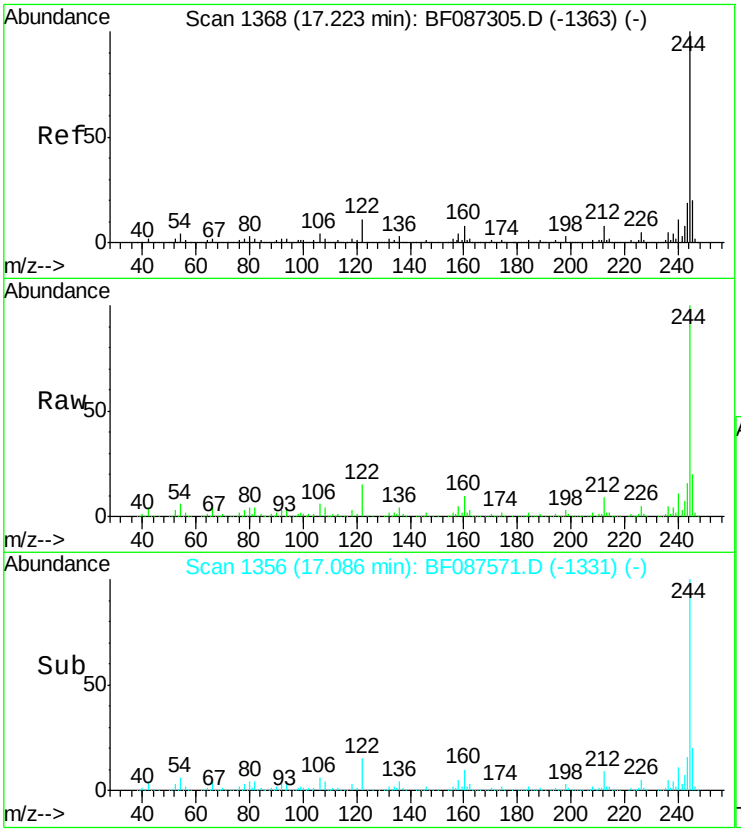


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:240 Resp: 239279

Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	24.9	21.2	31.8



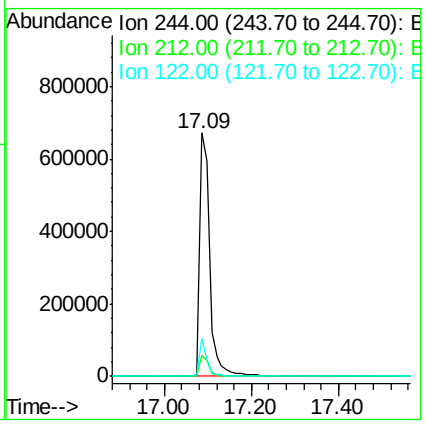


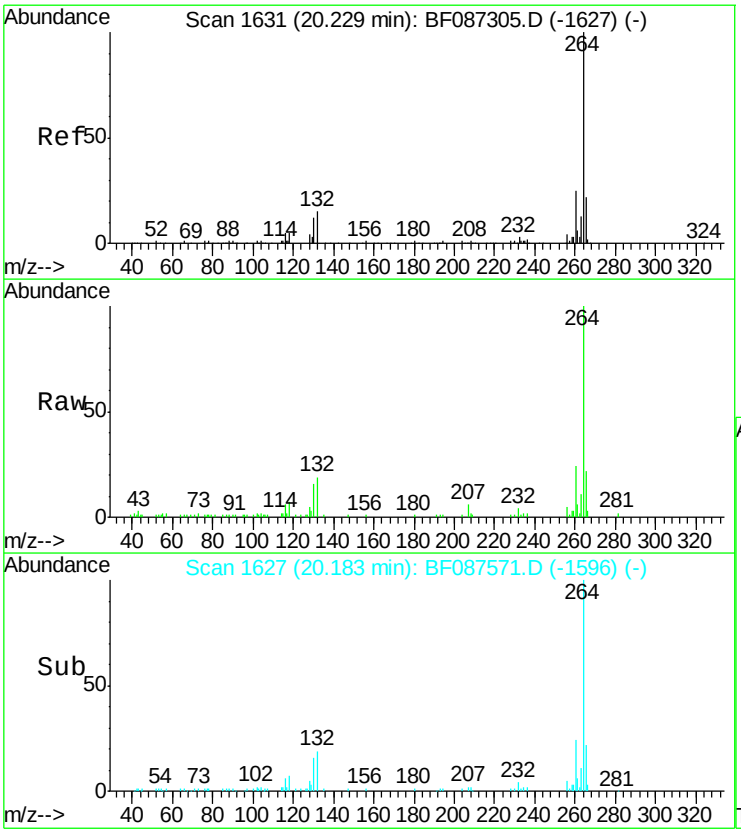
#78
Terphenyl-d14
Concen: 94.96 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:244 Resp: 1068725

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	15.3	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. 0.06 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:264 Resp: 193879

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.3	25.9