Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

Quant Time: May 23 03:37:45 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 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	112071	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	469970	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	218414	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	365232	20.00	ng		0.00
75) Chrysene-d12	13.69	240	257699	20.00	ng		-0.01
86) Perylene-d12	15.05	264	208682	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	482682	72.39	ng		0.01
7) Phenol-d6	6.23	99	441125	49.33	ng		0.00
23) Nitrobenzene-d5	7.14	82	958066	101.60	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	326691	135.36	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1388779	105.31	ng		0.00
78) Terphenyl-d14	12.65	244	1072419	94.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	134609	39.25	ng	#	22
9) Benzaldehyde	6.23	77	955	Below Cal		#	4
15) Benzyl Alcohol	6.71	79	17626	2.65	ng	#	46
18) Hexachloroethane	7.12	117	36058	10.69	ng	#	6
19) n-Nitroso-di-n-propylamine	7.14	70	139267	20.49	ng	#	84
53) 2,4-Dinitrophenol	9.75	184	459	4.95	ng	#	1
55) 4-Nitrophenol	9.80	139	2833	2.37	ng	#	10
59) Diethylphthalate	10.02	149	50169	3.15	ng		94
66) 4-Bromophenyl-phenylether	10.39	248	22393	5.96	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
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Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
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MW-24

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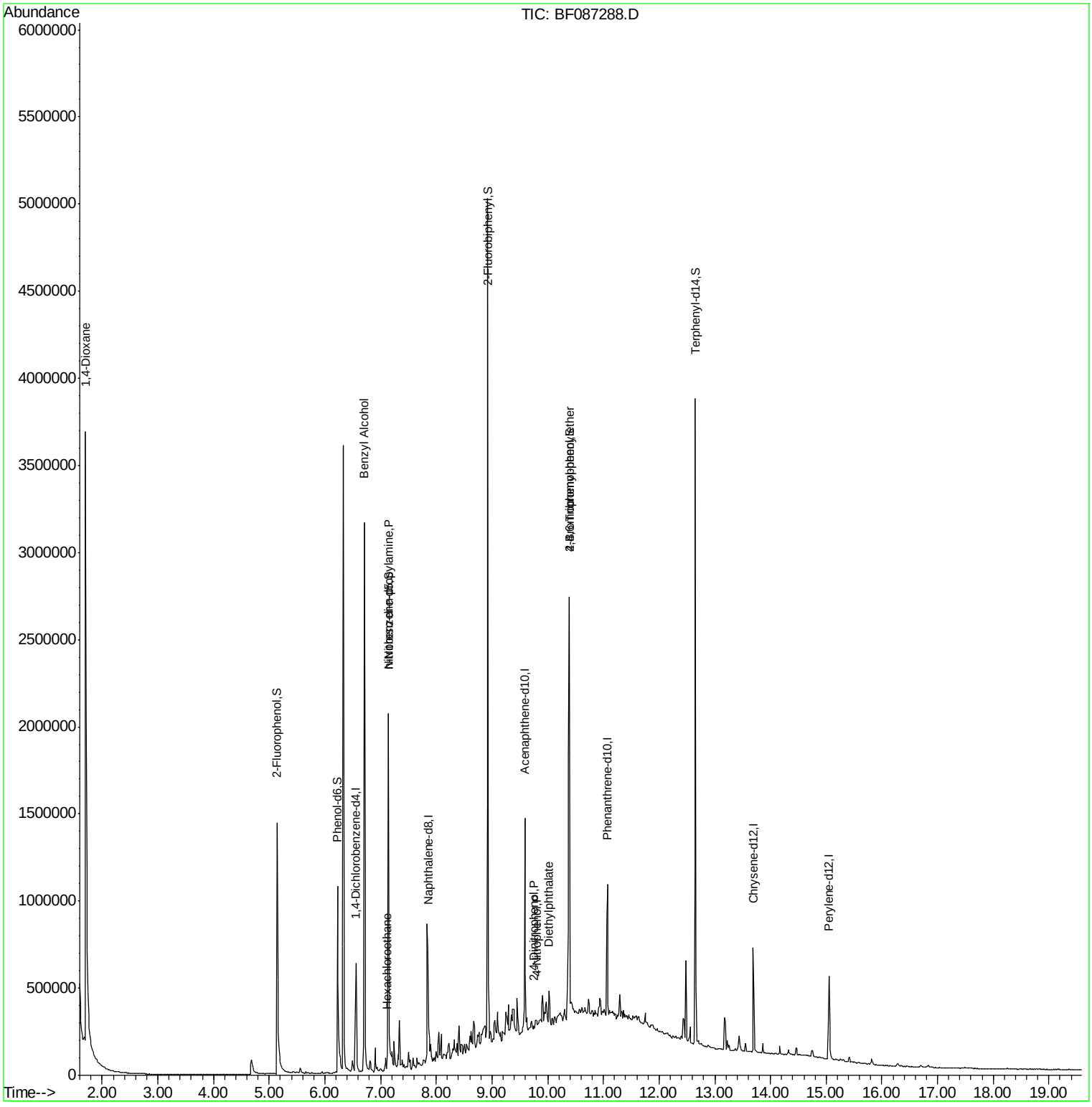
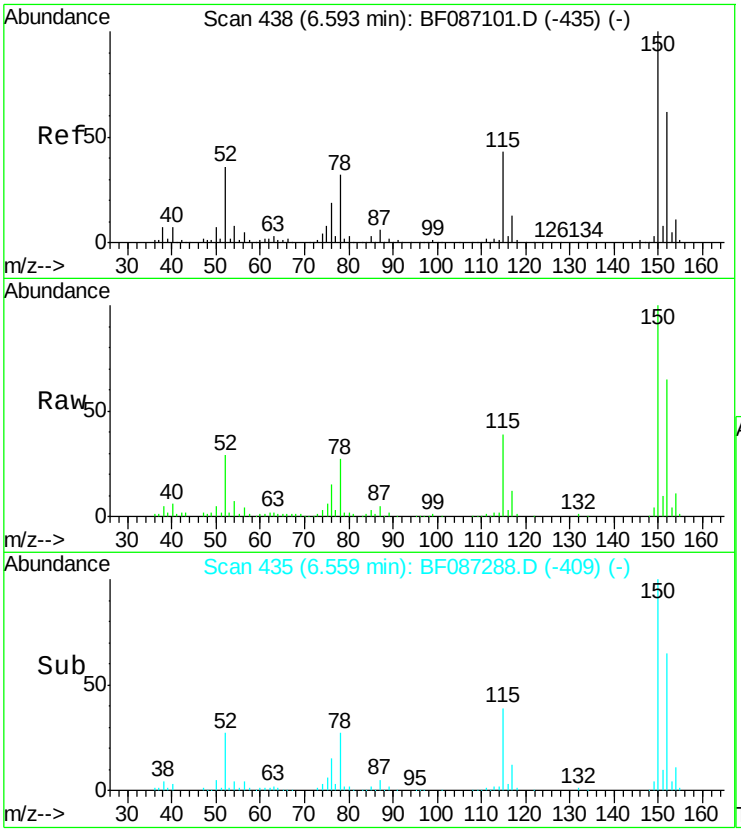


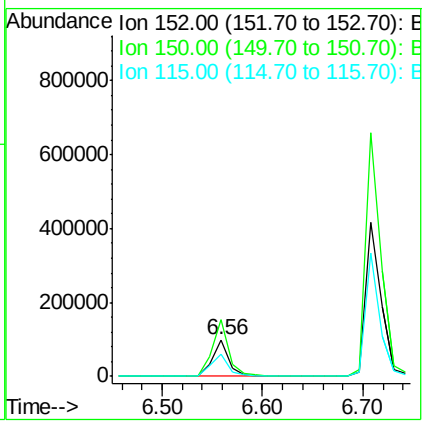


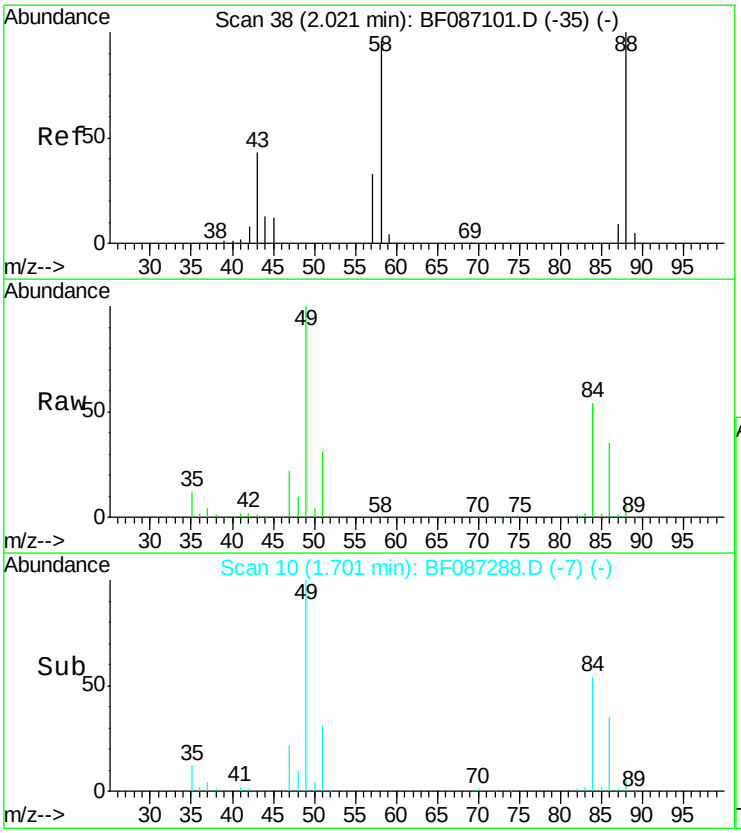
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 112071

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.6
115	61.1	51.5	77.3

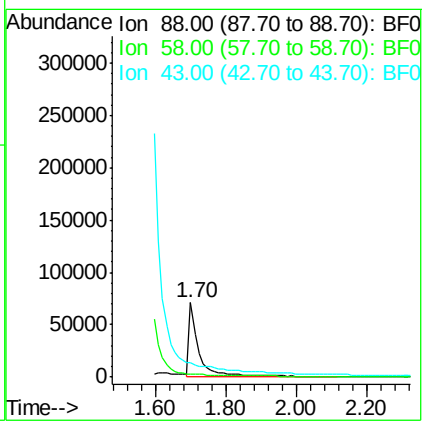


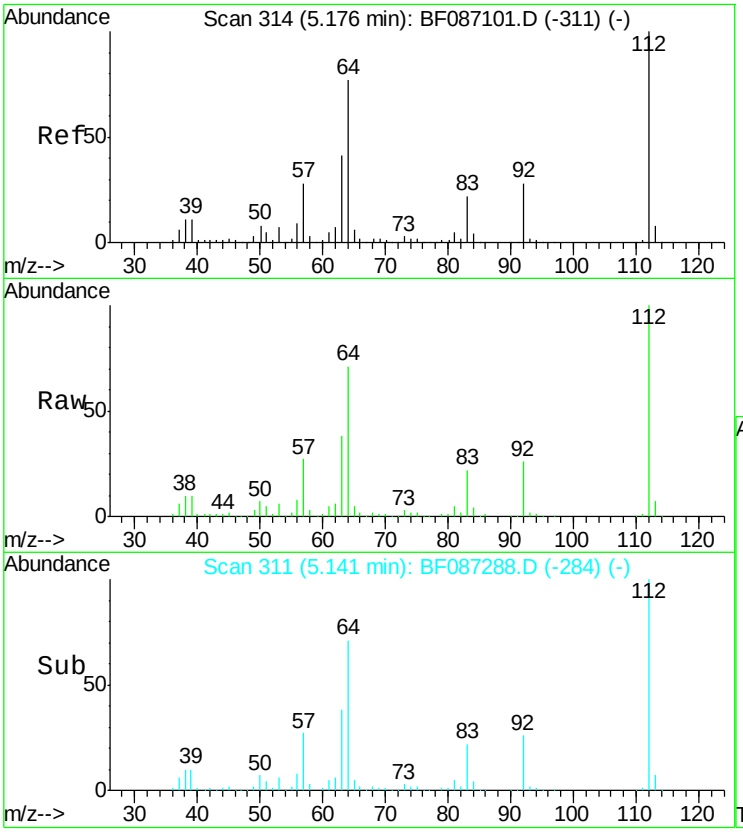


#2
1,4-Dioxane
Concen: 39.25 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion: 88 Resp: 134609

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



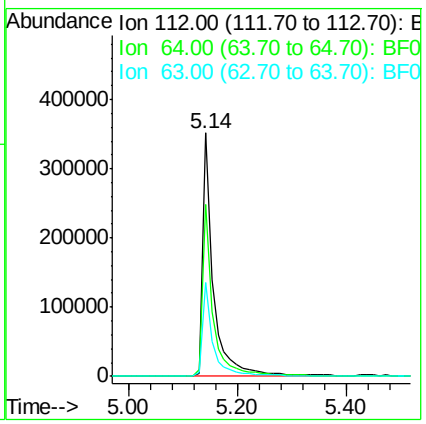


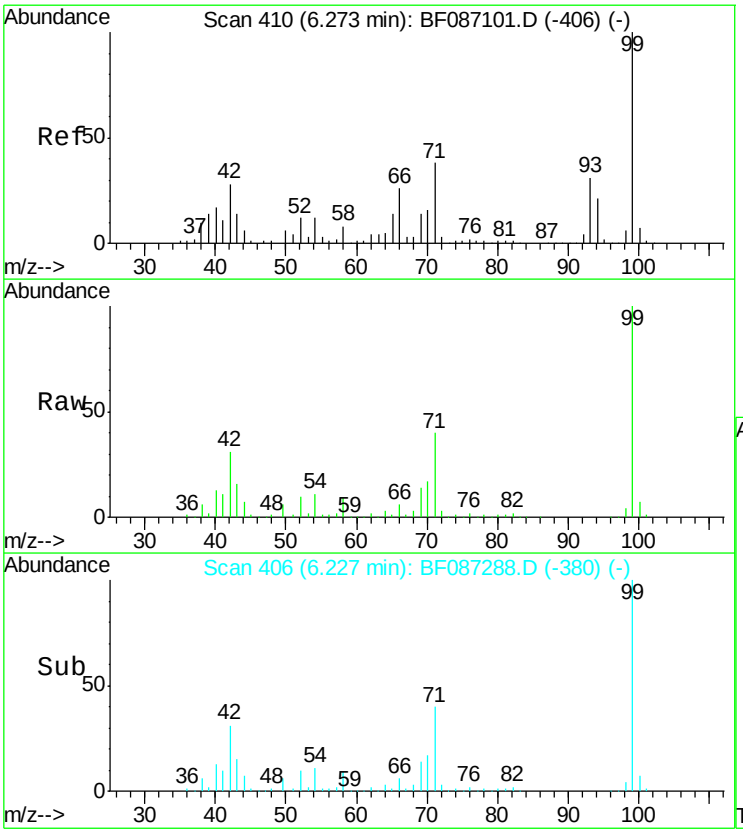
#5
2-Fluorophenol
Concen: 72.39 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:112 Resp: 482682

Ion	Ratio	Lower	Upper
112	100		
64	70.8	52.1	78.1
63	38.4	25.7	38.5

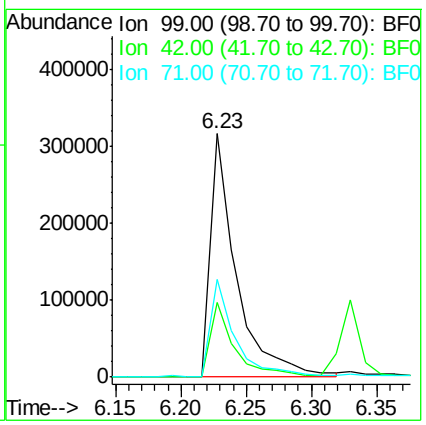


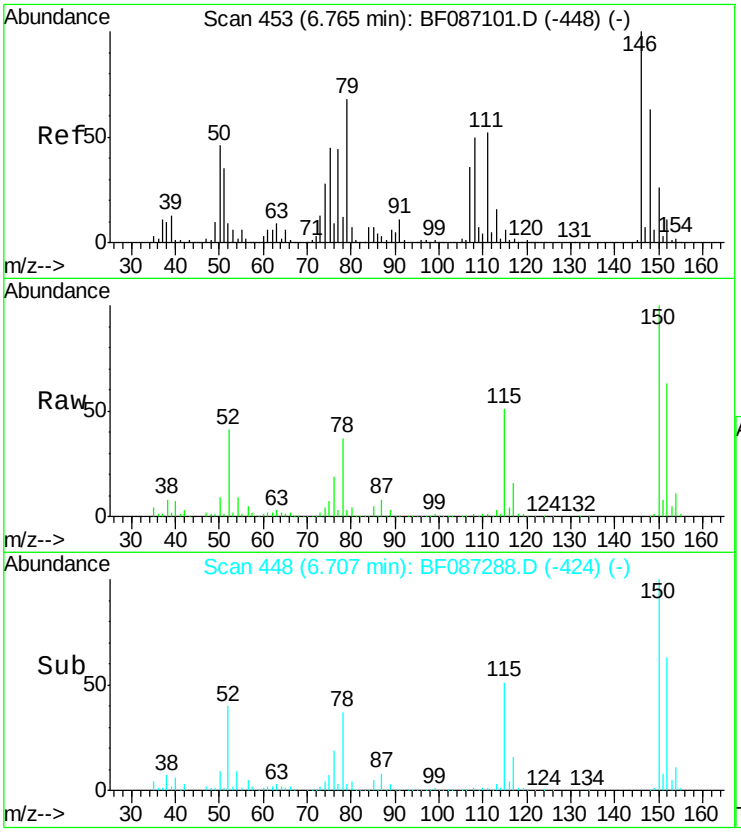


#7
Phenol-d6
Concen: 49.33 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion: 99 Resp: 441125

Ion	Ratio	Lower	Upper
99	100		
42	30.8	13.6	20.4#
71	40.2	24.6	36.8#



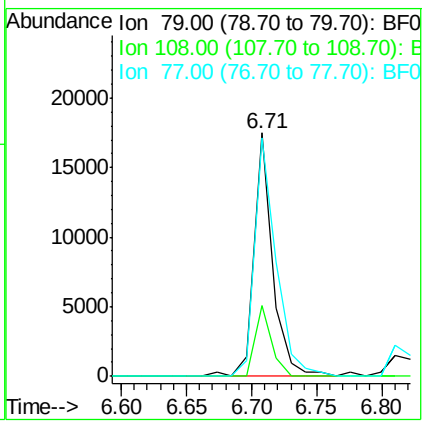


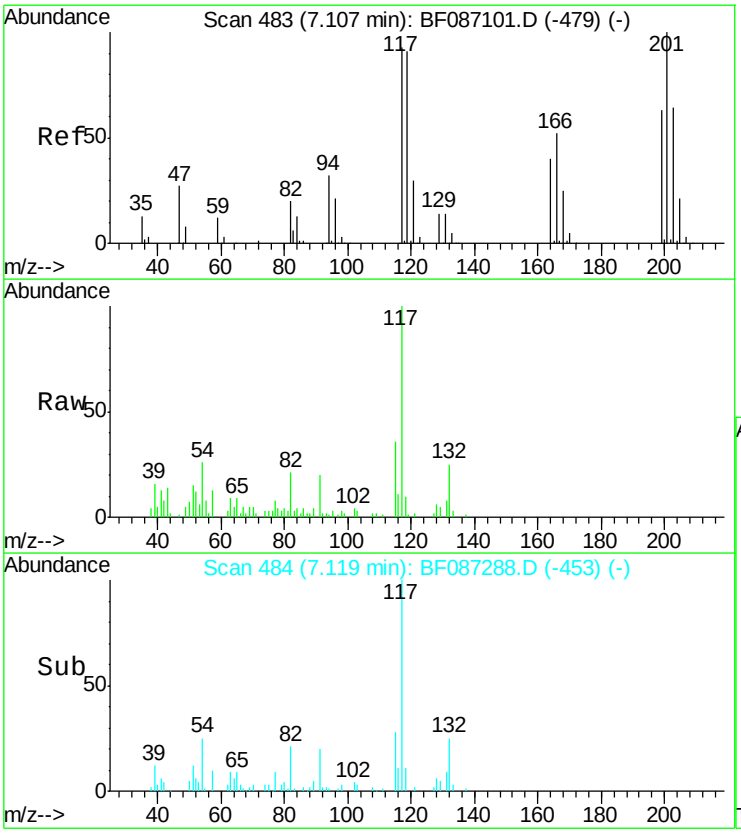
#15
Benzyl Alcohol
Concen: 2.65 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 79 Resp: 17626

Ion	Ratio	Lower	Upper
79	100		
108	29.3	68.4	102.6#
77	97.7	50.6	76.0#

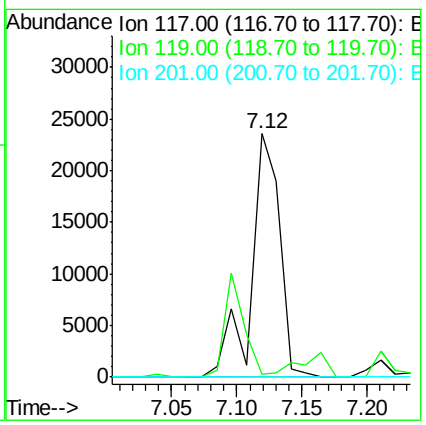


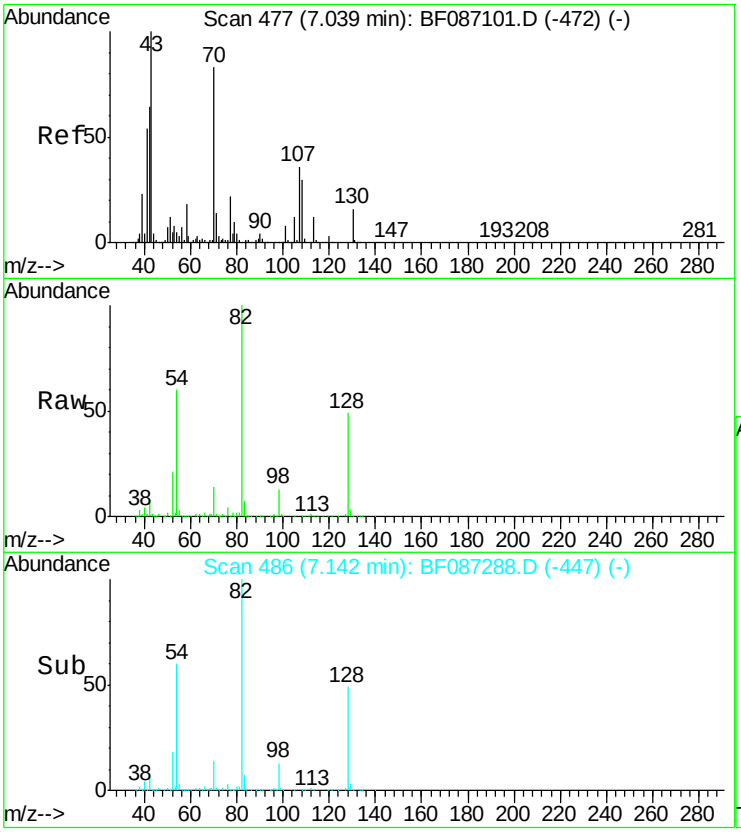


#18
Hexachloroethane
Concen: 10.69 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.06 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:117 Resp: 36058

Ion	Ratio	Lower	Upper
117	100		
119	1.3	76.5	114.7#
201	0.0	63.0	94.6#



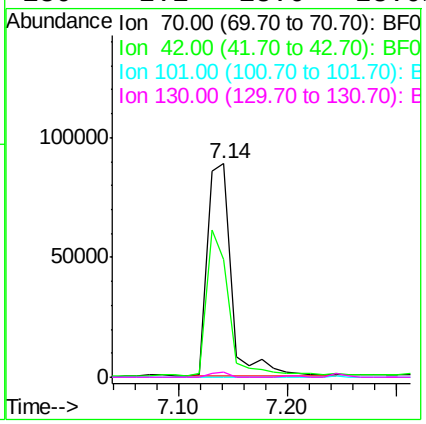


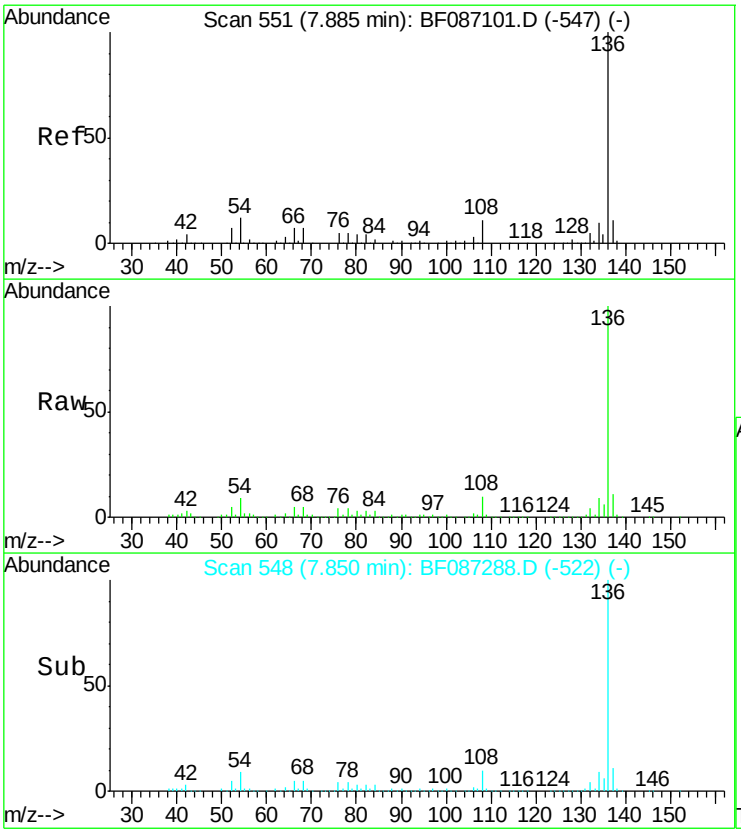
#19
n-Nitroso-di-n-propylamine
Concen: 20.49 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 70 Resp: 139267

Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

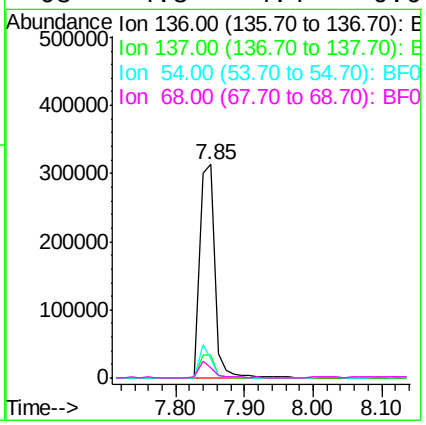


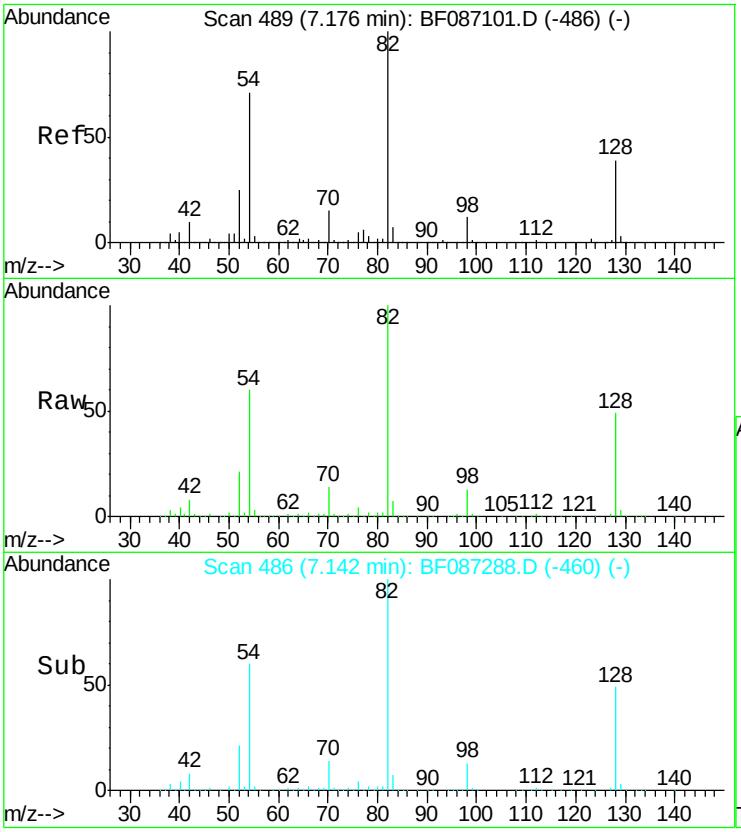


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:136 Resp: 469970

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.2	5.0	7.4#
68	4.8	4.4	6.6



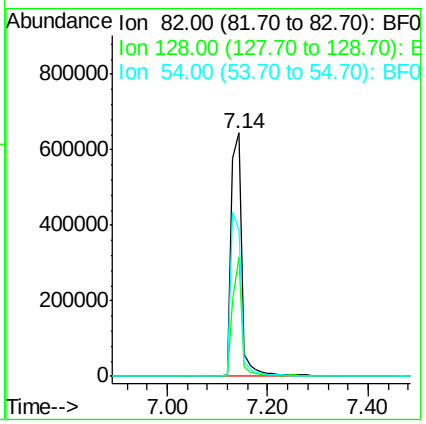


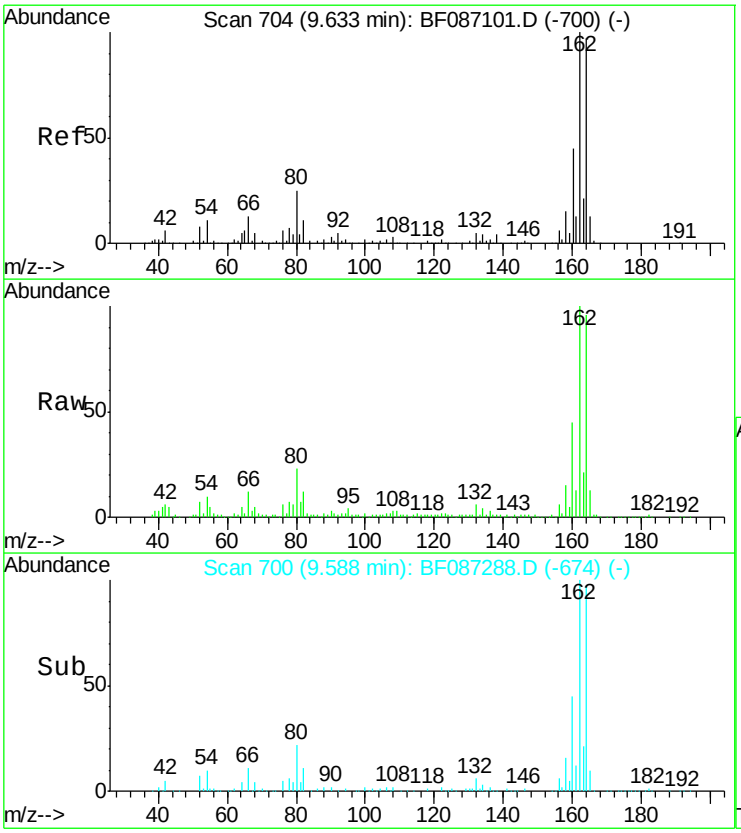
#23
Nitrobenzene-d5
Concen: 101.60 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 82 Resp: 958066

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	61.0
54	60.3	38.1	57.1#

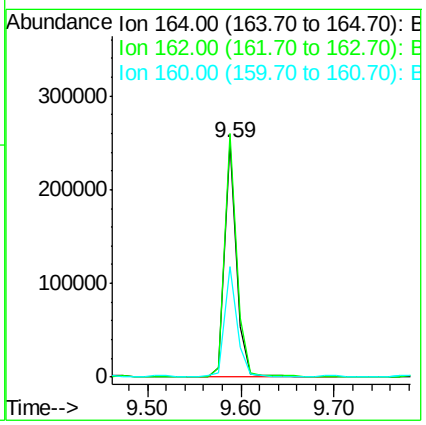


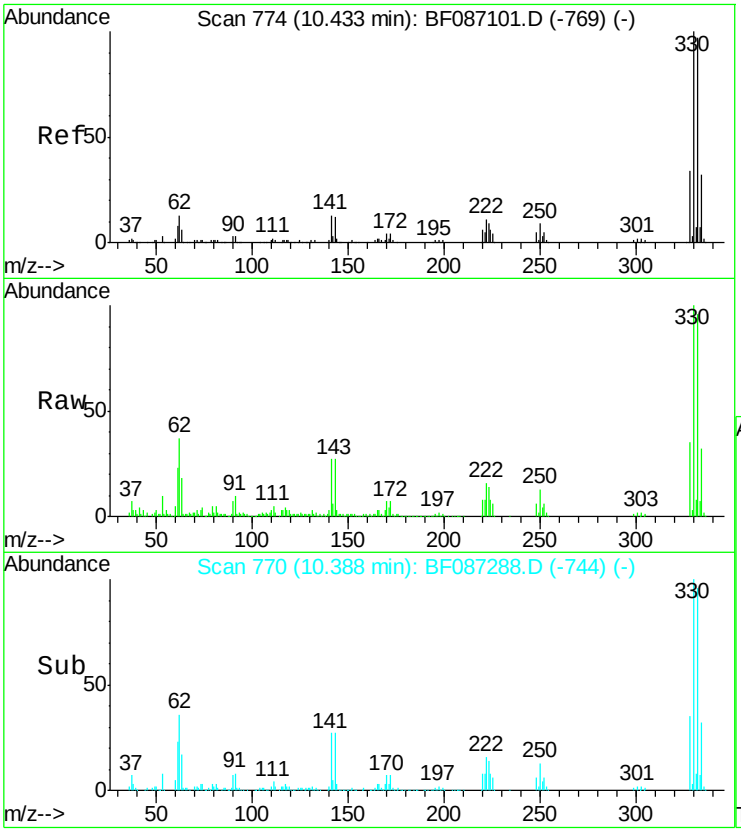


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:164 Resp: 218414

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	47.2	36.9	55.3



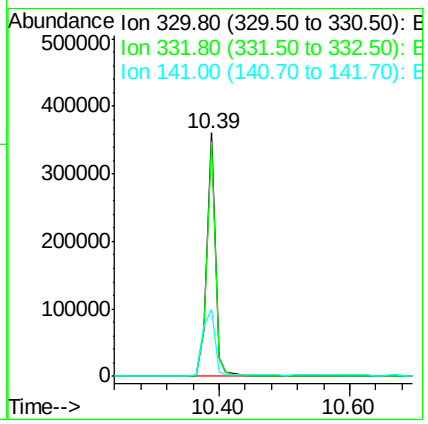


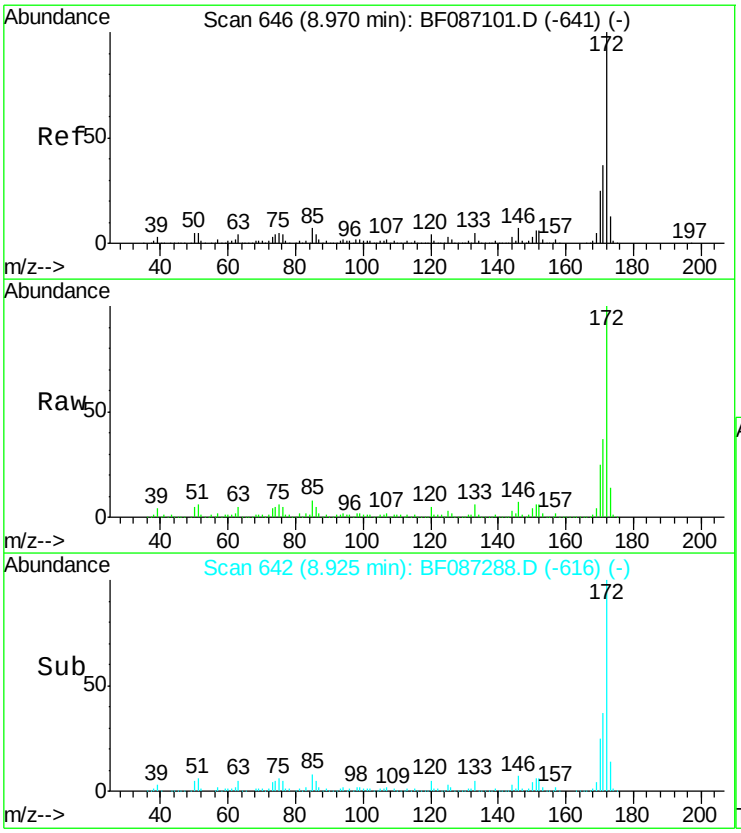
#41
2,4,6-Tribromophenol
Concen: 135.36 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:330 Resp: 326691

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	39.2	31.2	46.8

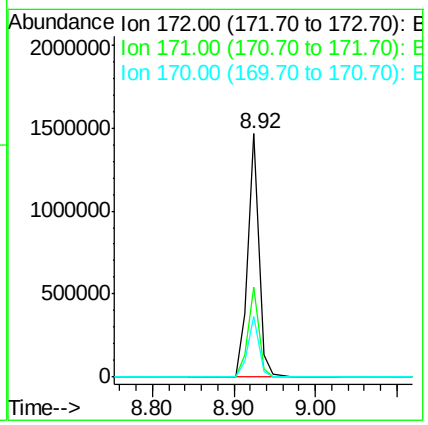


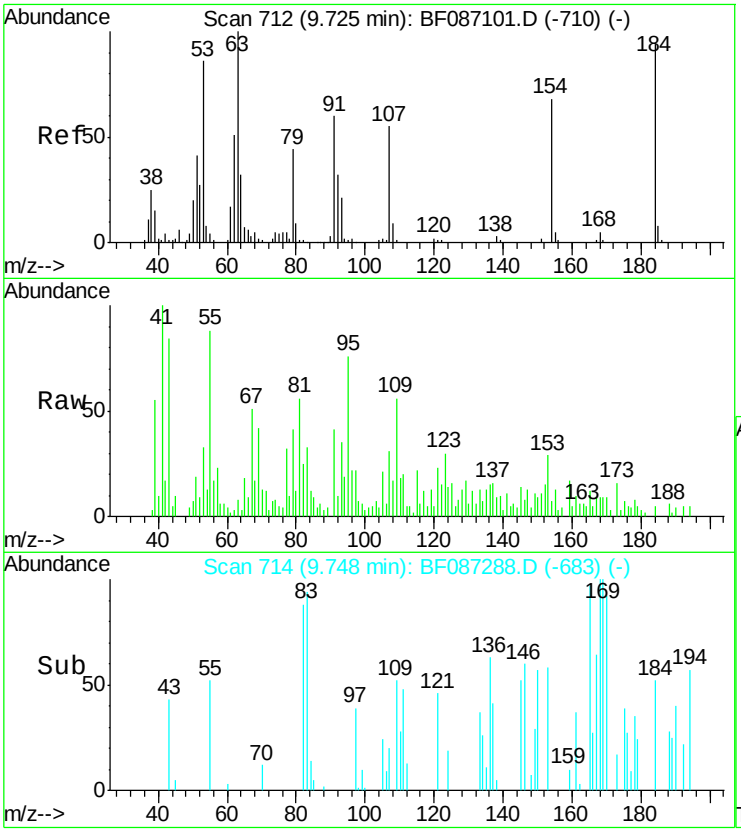


#44
2-Fluorobiphenyl
Concen: 105.31 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:172 Resp: 1388779

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.8	29.8



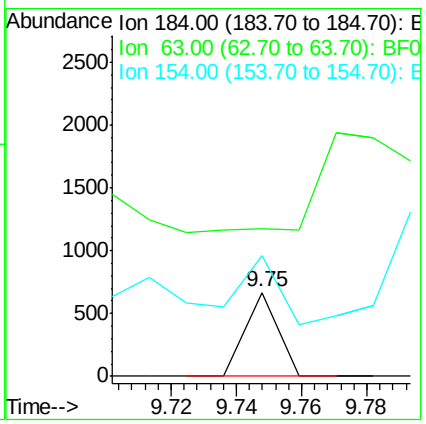


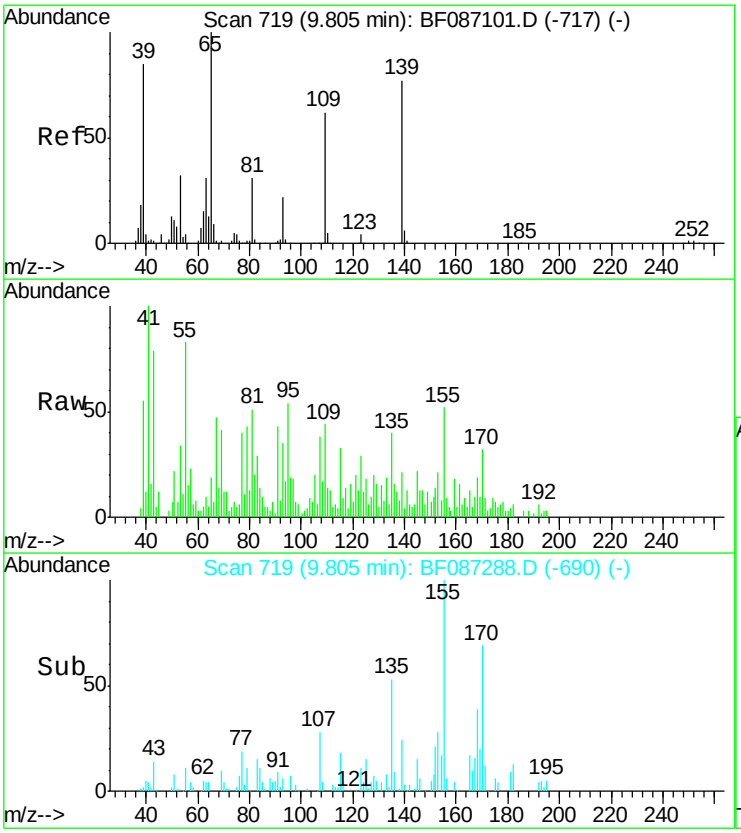
#53
2,4-Dinitrophenol
Concen: 4.95 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.06 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:184 Resp: 459

Ion	Ratio	Lower	Upper
184	100		
63	174.8	55.8	83.8#
154	142.7	62.4	93.6#

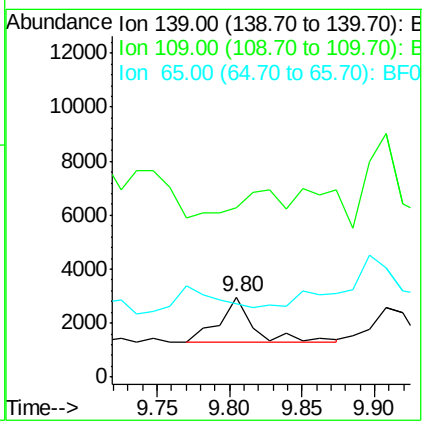


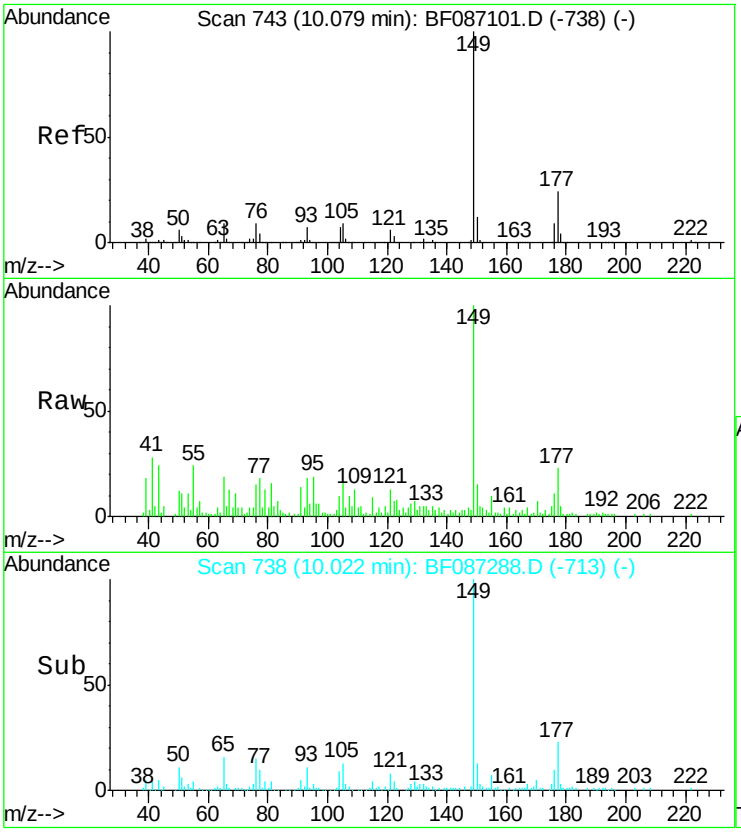


#55
4-Nitrophenol
Concen: 2.37 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.03 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:139 Resp: 2833

Ion	Ratio	Lower	Upper
139	100		
109	211.6	36.9	76.9#
65	92.0	64.0	104.0



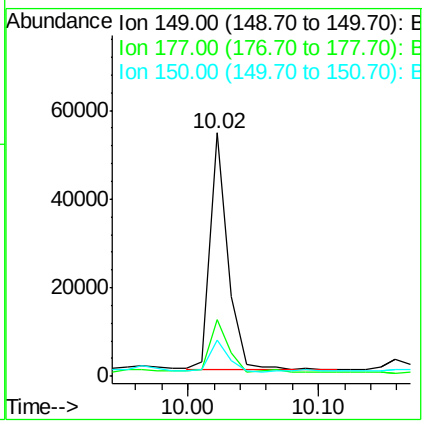


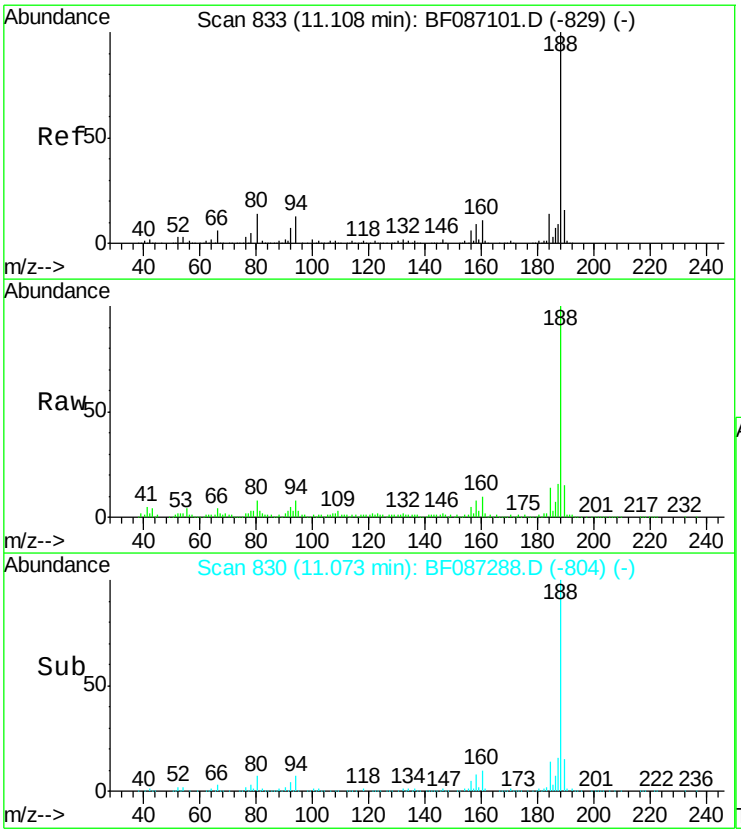
#59
Diethylphthalate
Concen: 3.15 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:149 Resp: 50169

Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.6	24.8
150	14.8	10.0	15.0

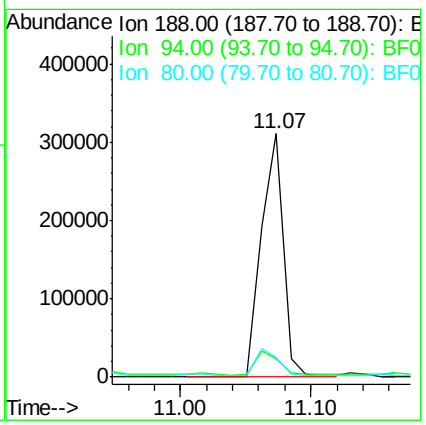


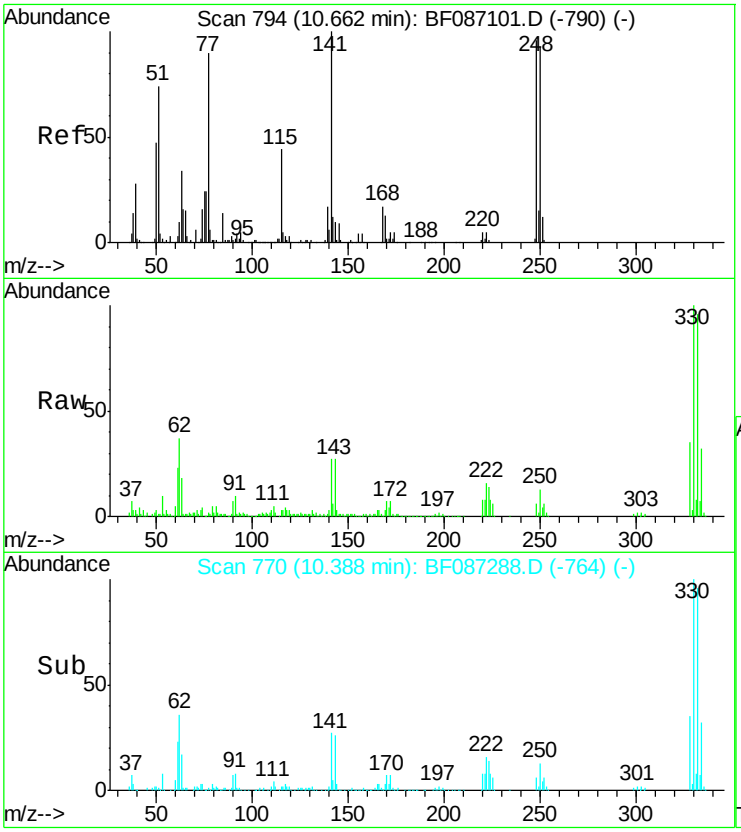


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:188 Resp: 365232

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	7.9	7.1	10.7



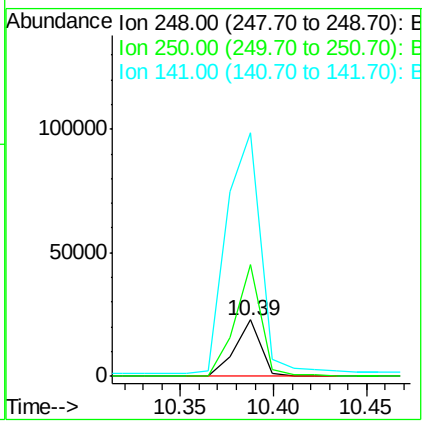


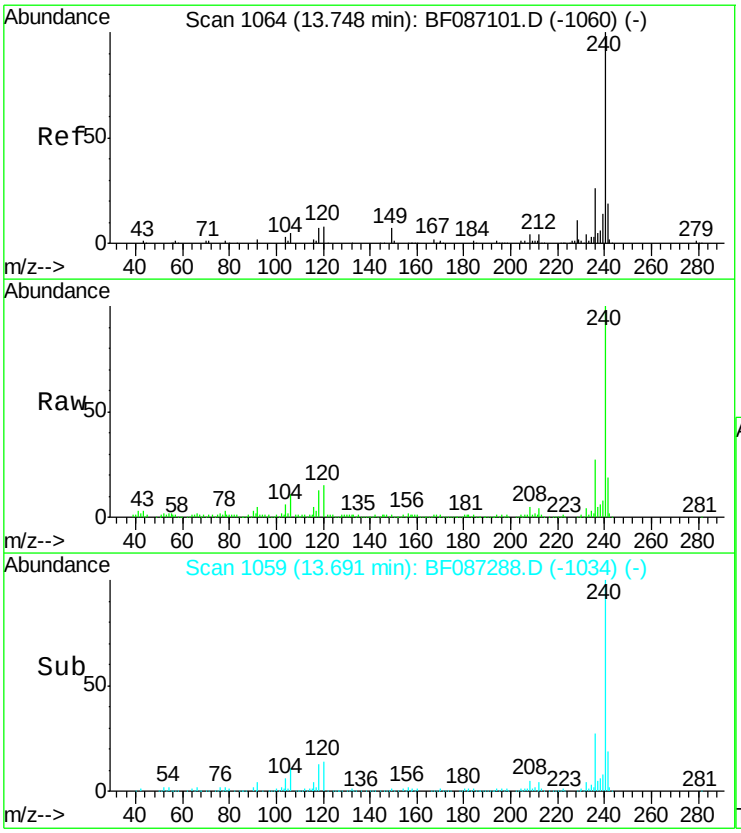
#66
4-Bromophenyl-phenylether
Concen: 5.96 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:248 Resp: 22393

Ion	Ratio	Lower	Upper
248	100		
250	198.4	78.6	117.8#
141	430.5	76.0	114.0#

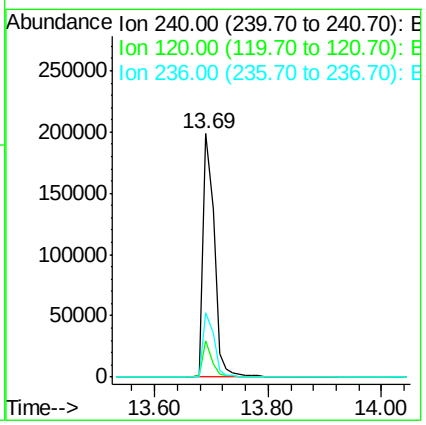


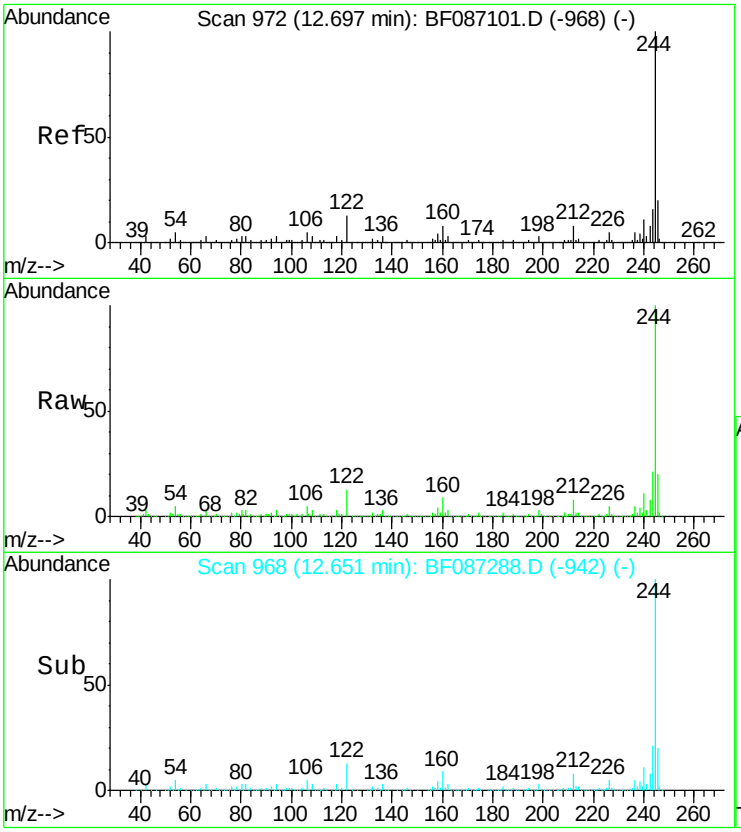


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:240 Resp: 257699

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.6	21.2	31.8



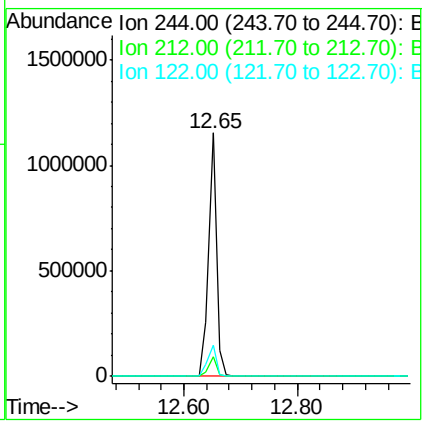


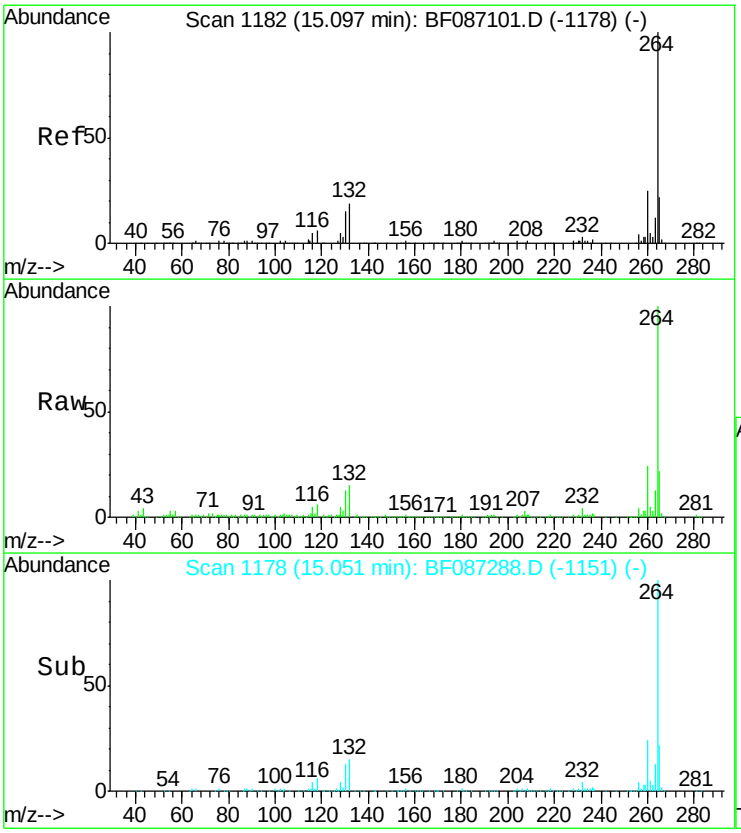
#78
Terphenyl-d14
Concen: 94.14 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 1072419

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.0	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:264 Resp: 208682

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.3	25.9