Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-47-052416

Quant Time: May 27 23:45:23 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	109541	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	448298	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	193143	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	424547	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	339292	20.00	ng	-0.03
86) Perylene-d12	20.14	264	56403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	887963	142.44	ng	-0.01
7) Phenol-d6	7.04	99	1059307	125.76	ng	-0.03
23) Nitrobenzene-d5	8.40	82	847933	95.33	ng	-0.05
41) 2,4,6-Tribromophenol	13.65	330	341322	183.90	ng	-0.03
44) 2-Fluorobiphenyl	11.29	172	1421393	103.75	ng	-0.05
78) Terphenyl-d14	17.11	244	1569870	98.37	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.63	88	63637	19.35	ng	# 22
15) Benzyl Alcohol	7.71	79	14759	2.40	ng	# 45
19) n-Nitroso-di-n-propylamine	8.40	70	115981	18.46	ng	# 74
31) Naphthalene	9.55	128	178928	7.97	ng	99
32) Benzoic acid	9.52	122	525	5.96	ng	# 1
33) 4-Chloroaniline	9.55	127	22828	2.76	ng	# 32
55) 4-Nitrophenol	12.72	139	3278	2.15	ng	# 14
69) Pentachlorophenol	14.53	266	1368	7.01	ng	# 17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087445.D
Acq On : 27 May 2016 16:12
Operator : UM/SJ
Sample : H3265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Quant Time: May 27 23:45:23 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
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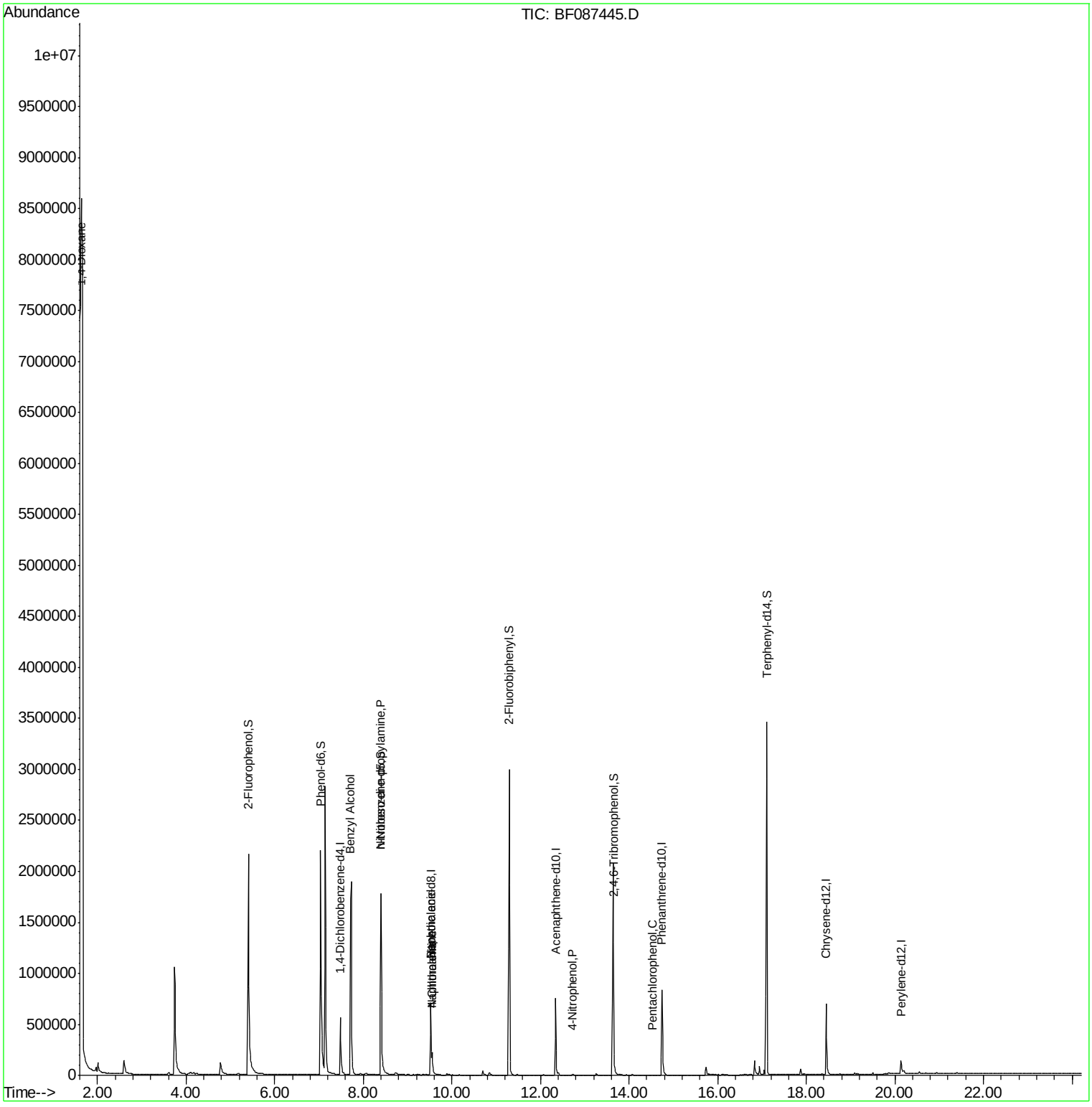
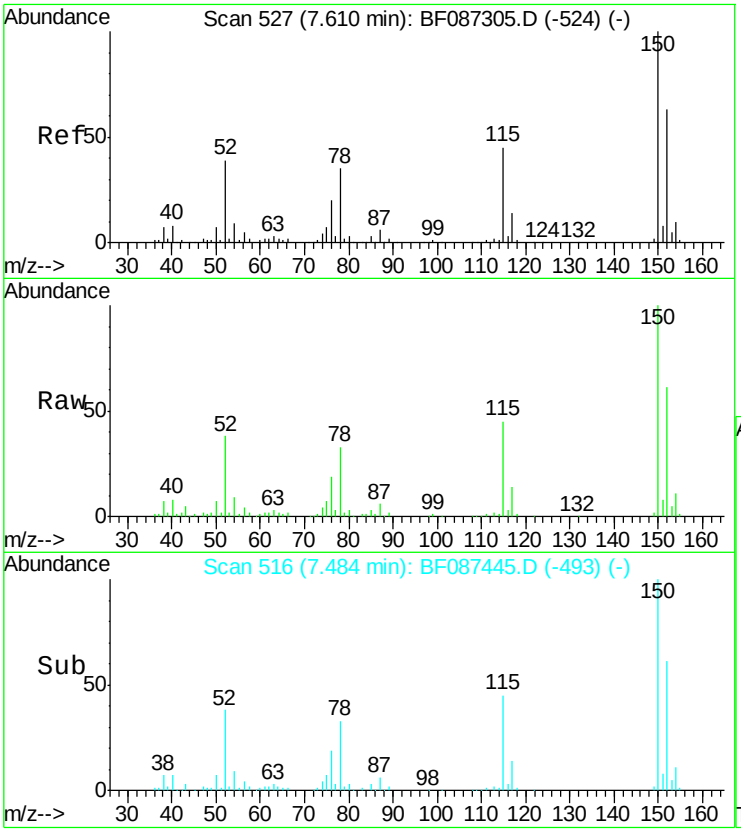


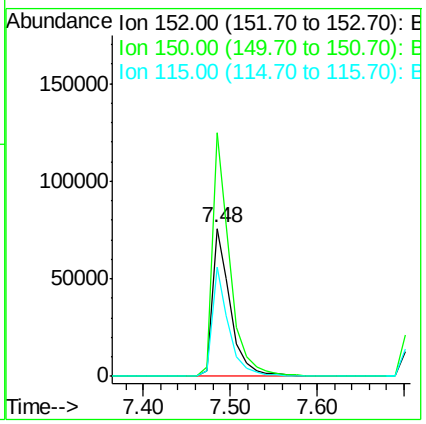


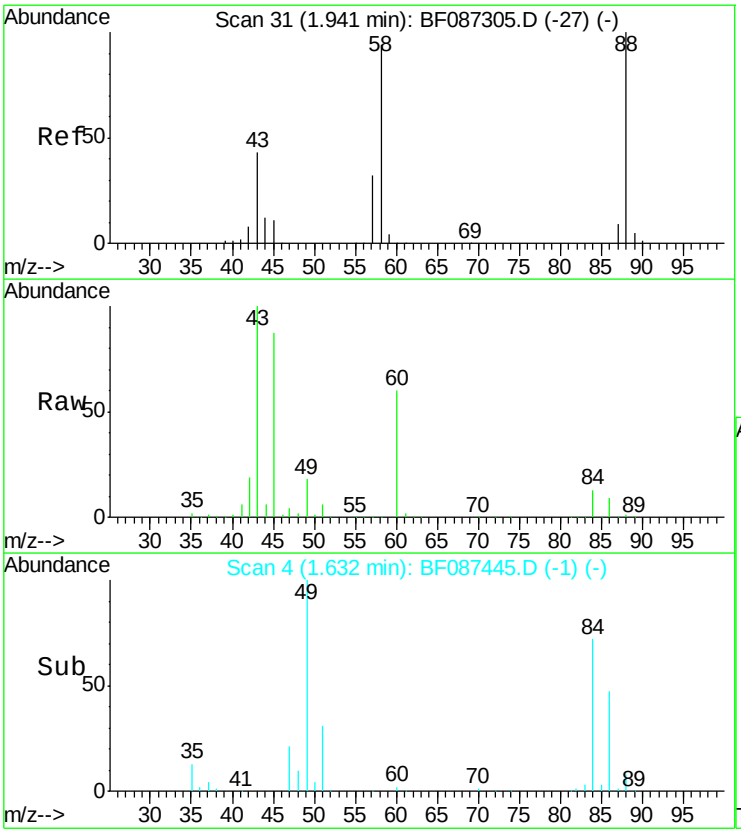
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:152 Resp: 109541

Ion	Ratio	Lower	Upper
152	100		
150	164.2	125.8	188.6
115	73.3	51.5	77.3

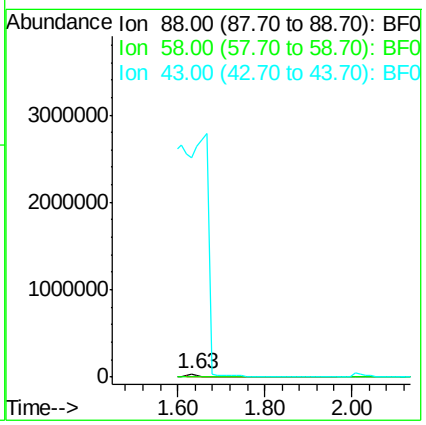


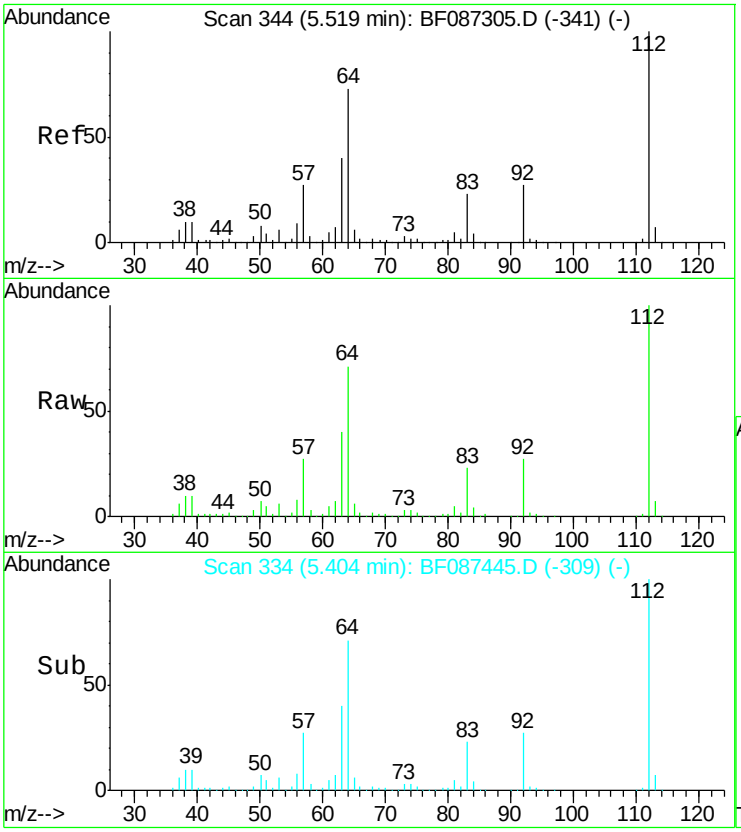


#2
1,4-Dioxane
Concen: 19.35 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.18 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion: 88 Resp: 63637

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



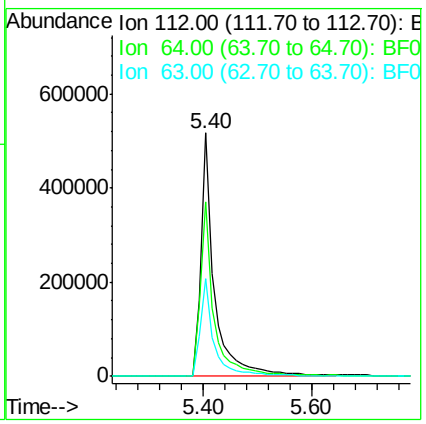


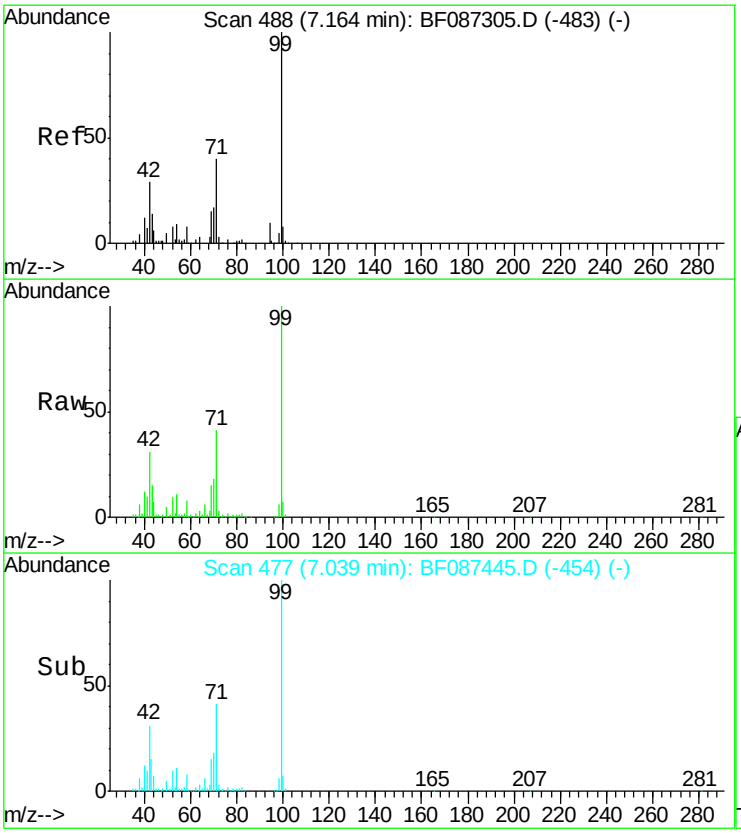
#5
2-Fluorophenol
Concen: 142.44 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:112 Resp: 887963

Ion	Ratio	Lower	Upper
112	100		
64	71.5	52.1	78.1
63	40.3	25.7	38.5#

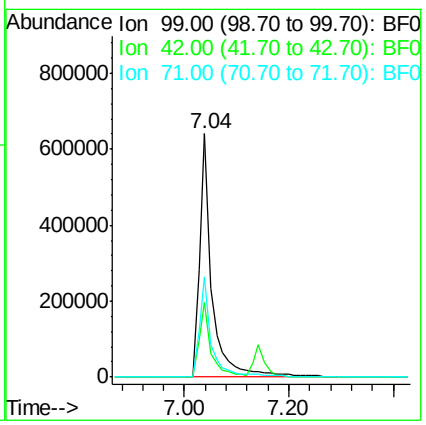


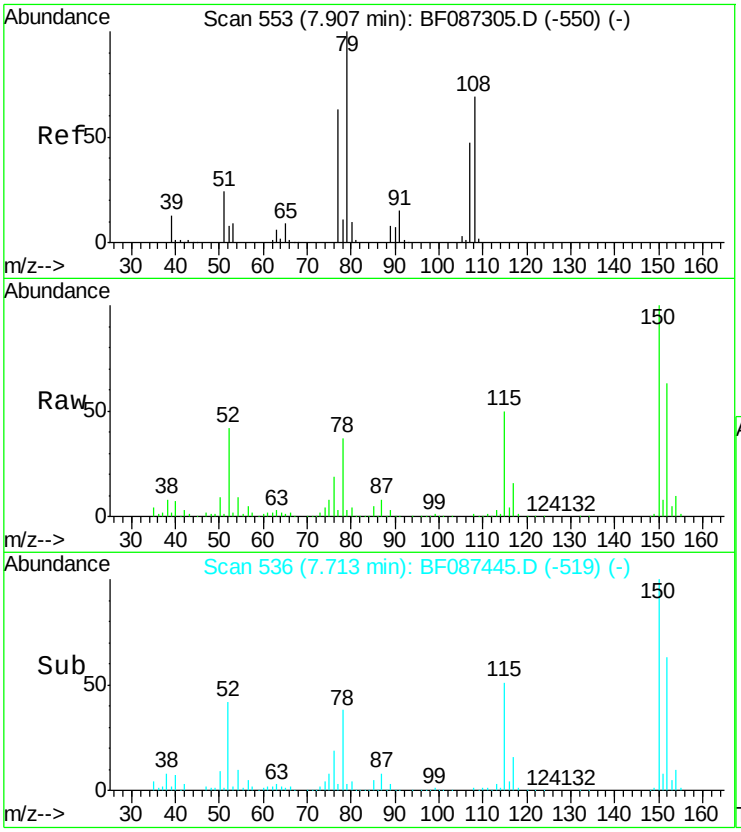


#7
Phenol-d6
Concen: 125.76 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion: 99 Resp: 1059307

Ion	Ratio	Lower	Upper
99	100		
42	30.5	13.6	20.4#
71	41.3	24.6	36.8#



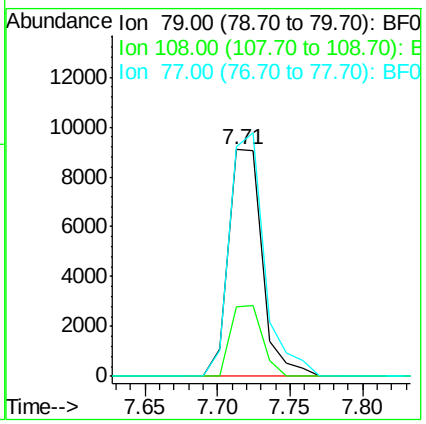


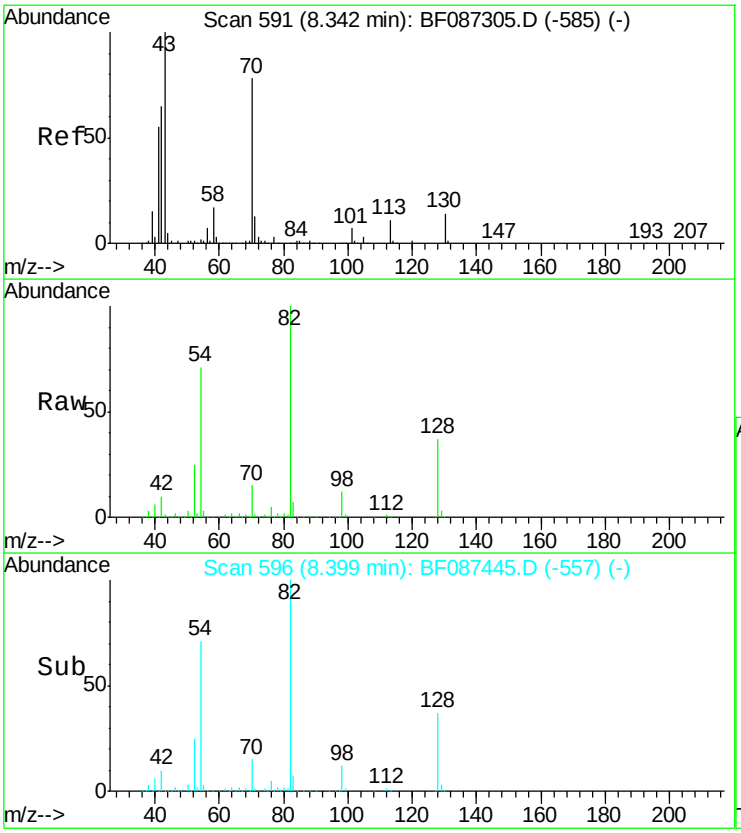
#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.10 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion: 79 Resp: 14759

Ion	Ratio	Lower	Upper
79	100		
108	30.8	68.4	102.6#
77	101.4	50.6	76.0#

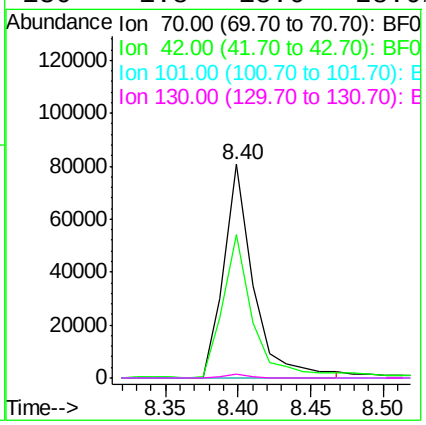


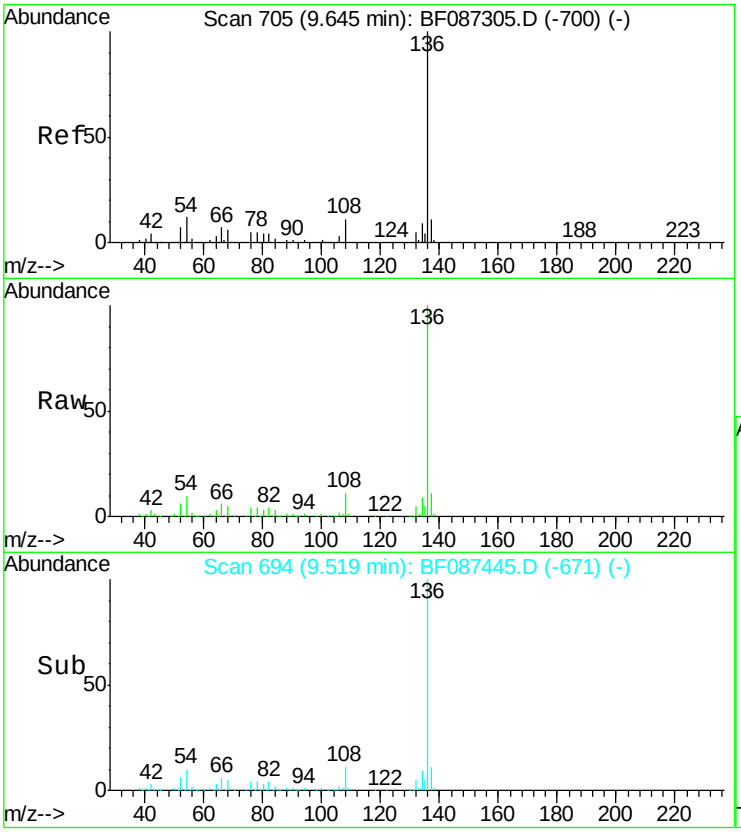


#19
n-Nitroso-di-n-propylamine
Concen: 18.46 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion: 70 Resp: 115981

Ion	Ratio	Lower	Upper
70	100		
42	67.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



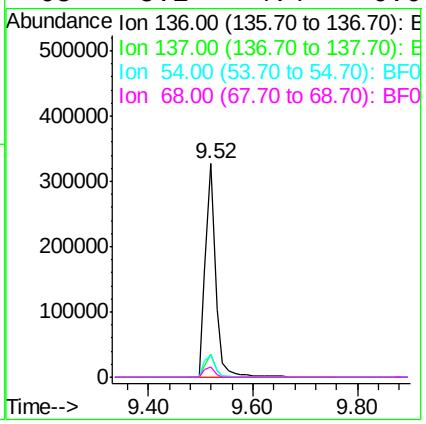


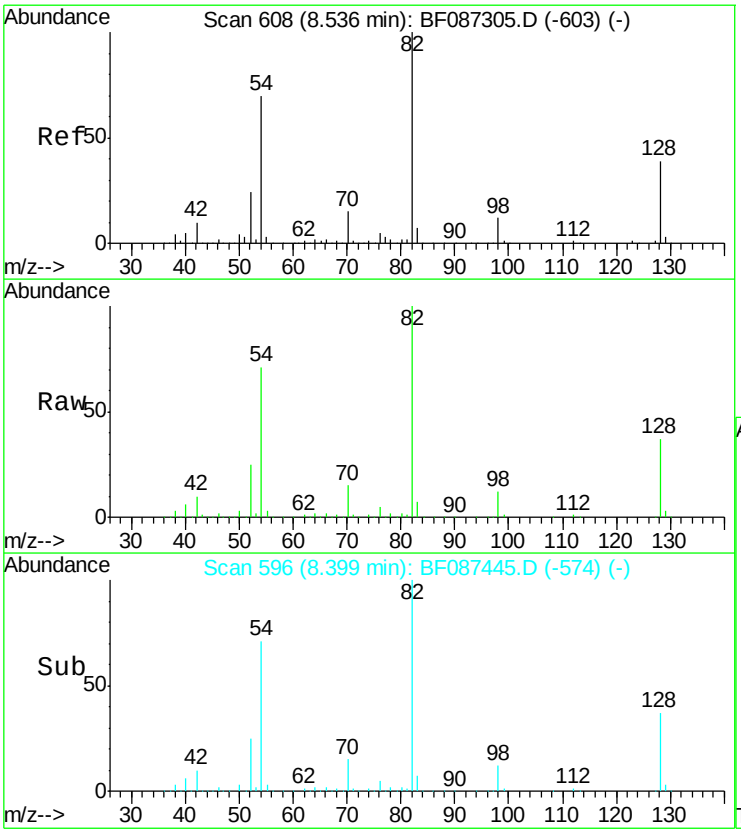
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:136 Resp: 448298

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.5	5.0	7.4#
68	5.1	4.4	6.6

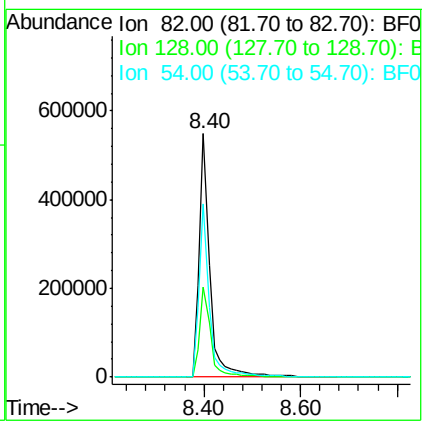


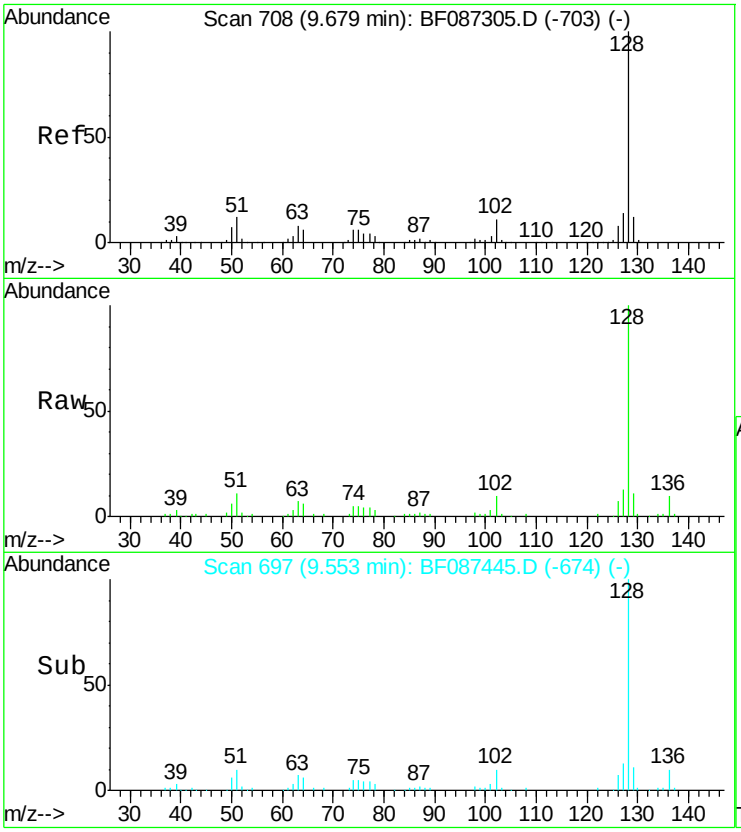


#23
Nitrobenzene-d5
Concen: 95.33 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion: 82 Resp: 847933

Ion	Ratio	Lower	Upper
82	100		
128	37.2	40.6	61.0#
54	71.1	38.1	57.1#



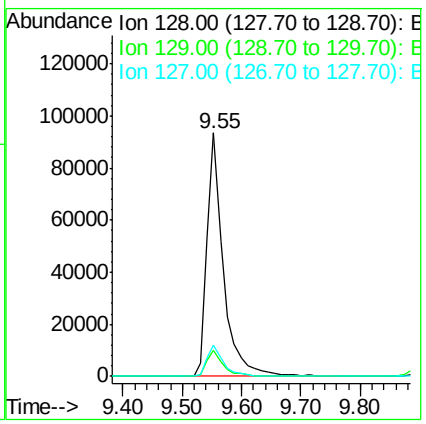


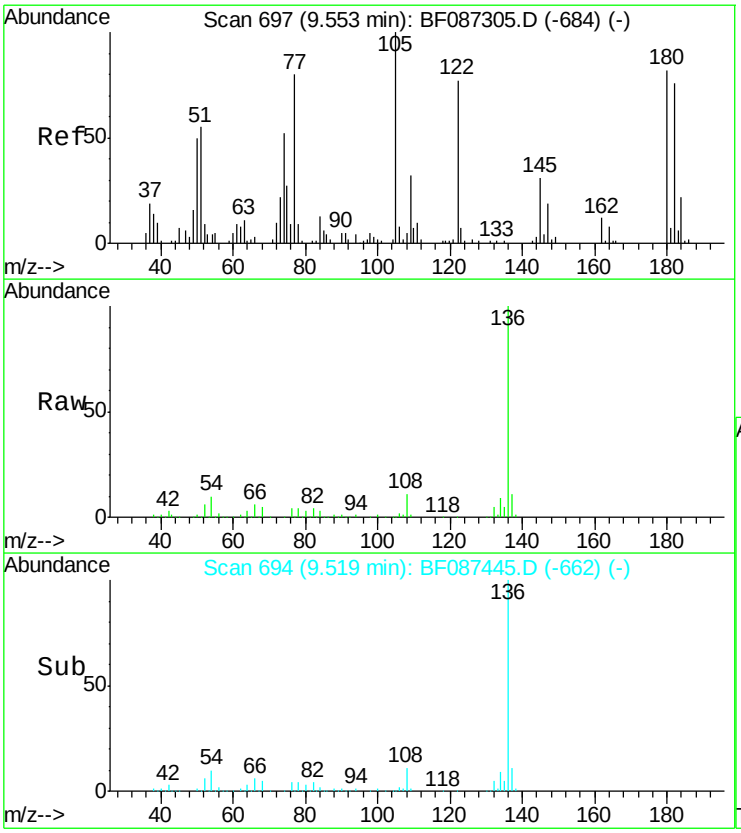
#31
Naphthalene
Concen: 7.97 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:128 Resp: 178928

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.7	10.8	16.2

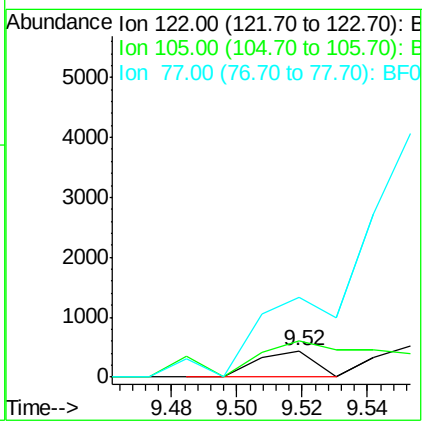


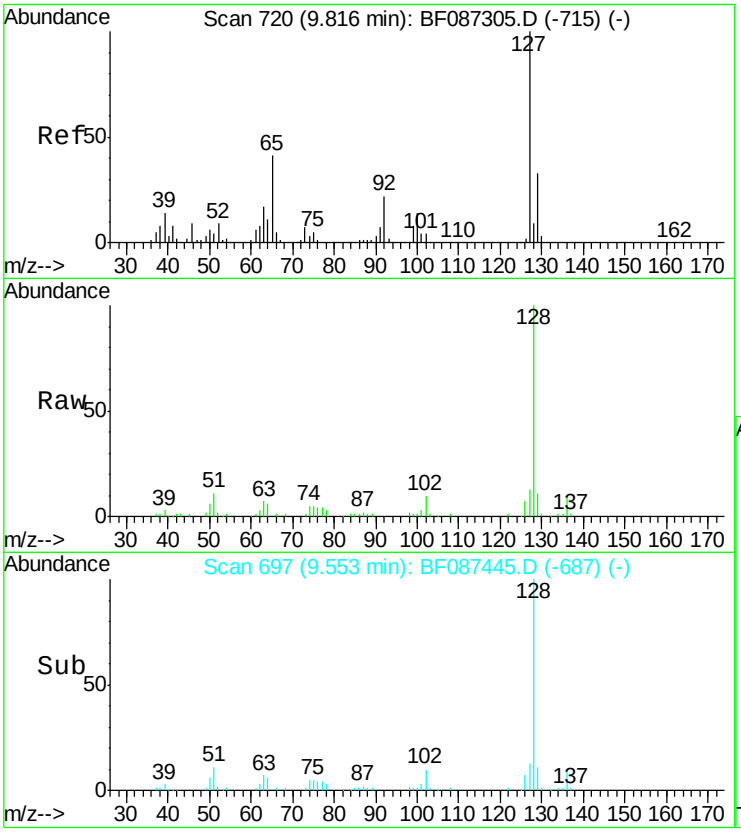


#32
Benzoic acid
Concen: 5.96 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:122 Resp: 525

Ion	Ratio	Lower	Upper
122	100		
105	135.6	92.6	132.6#
77	304.1	60.0	100.0#



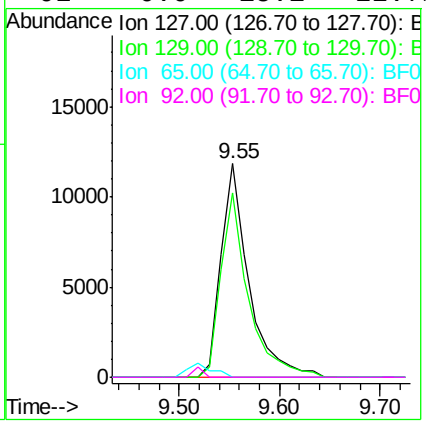


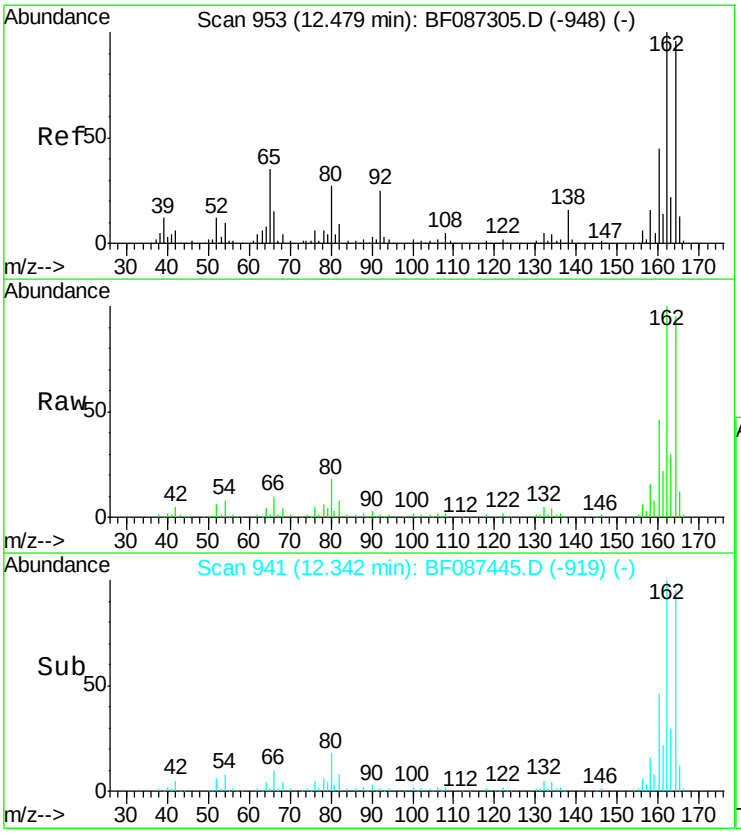
#33
4-Chloroaniline
Concen: 2.76 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.18 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:127 Resp: 22828

Ion	Ratio	Lower	Upper
127	100		
129	86.4	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

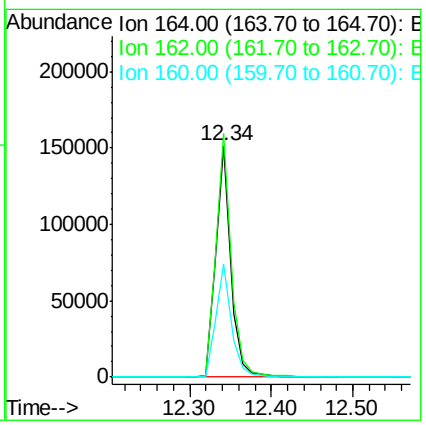


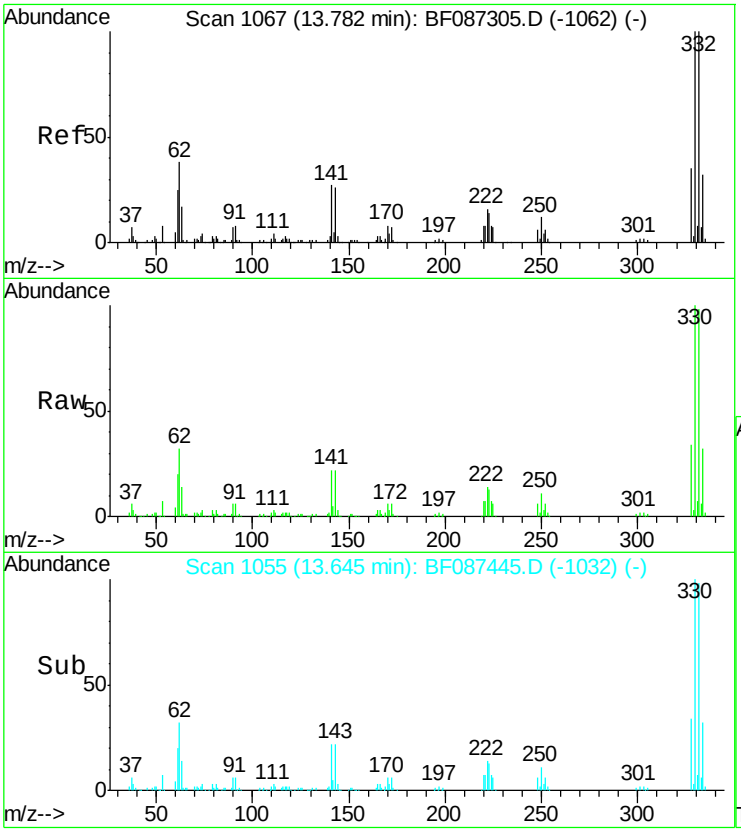


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:164 Resp: 193143

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.8	124.2
160	48.8	36.9	55.3



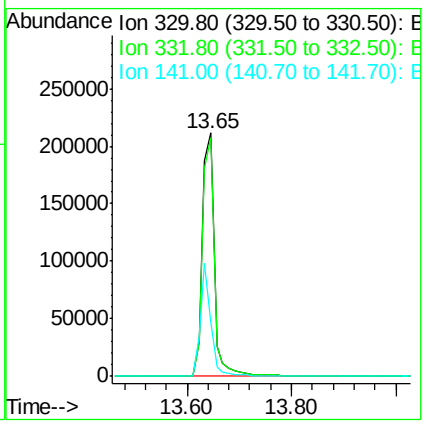


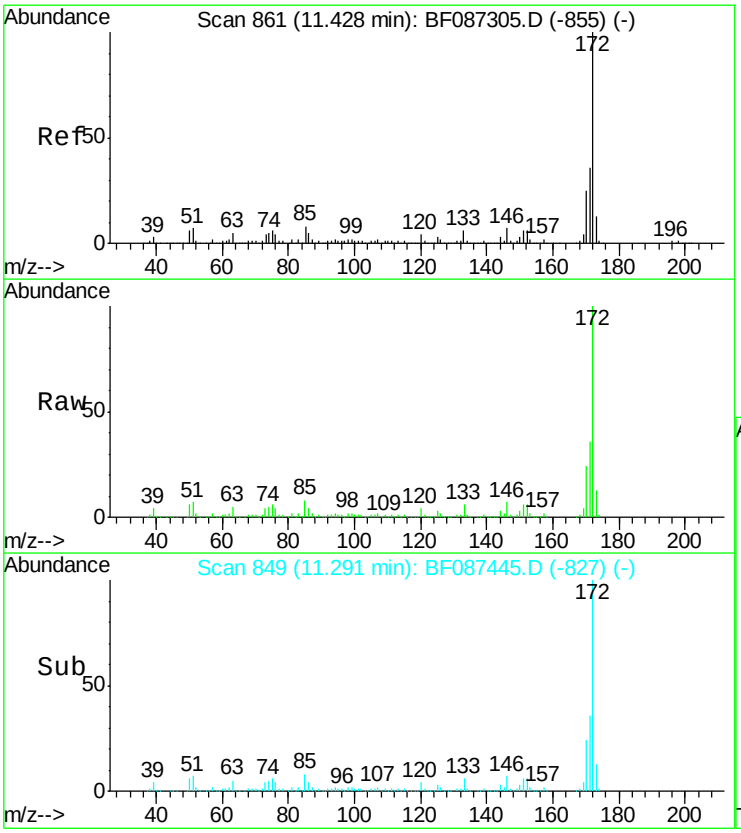
#41
2,4,6-Tribromophenol
Concen: 183.90 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:330 Resp: 341322

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	41.0	31.2	46.8

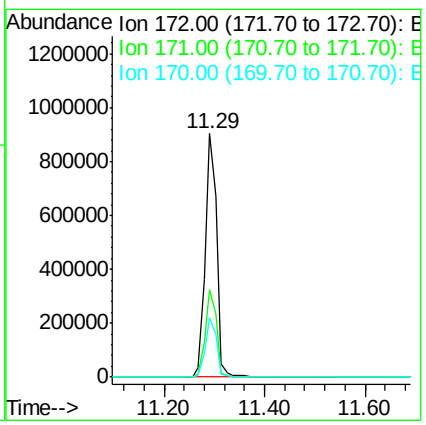


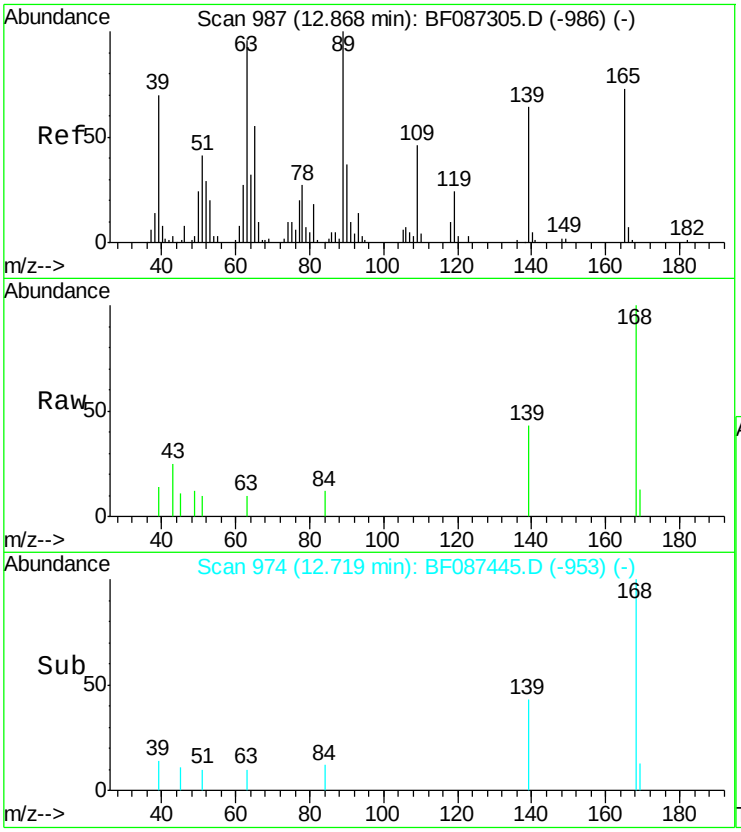


#44
2-Fluorobiphenyl
Concen: 103.75 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:172 Resp: 1421393

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8



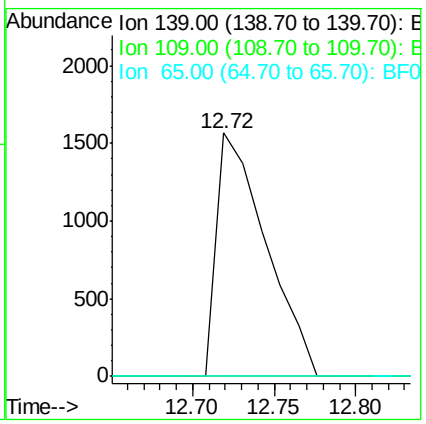


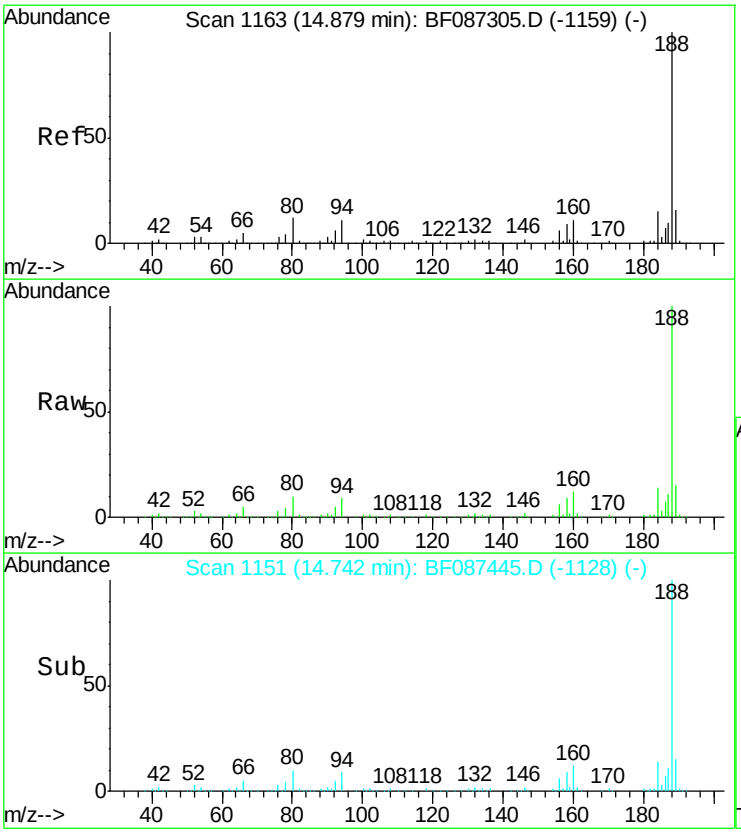
#55
4-Nitrophenol
Concen: 2.15 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:139 Resp: 3278

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

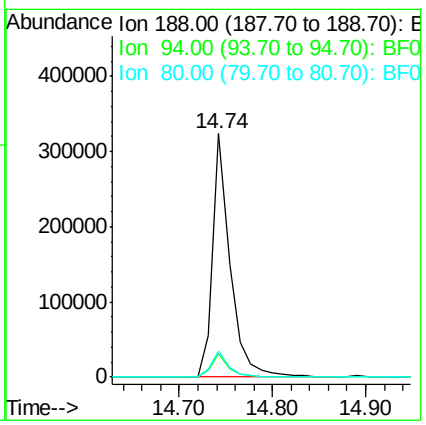


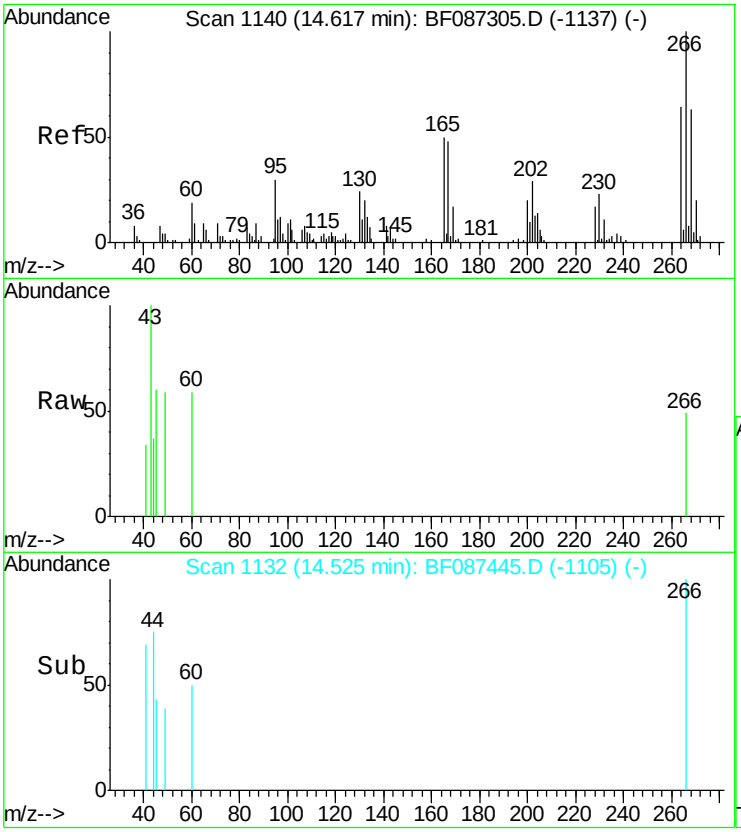


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:188 Resp: 424547

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.8	10.2
80	10.5	7.1	10.7



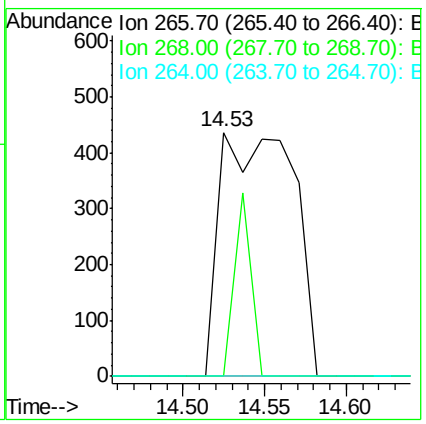


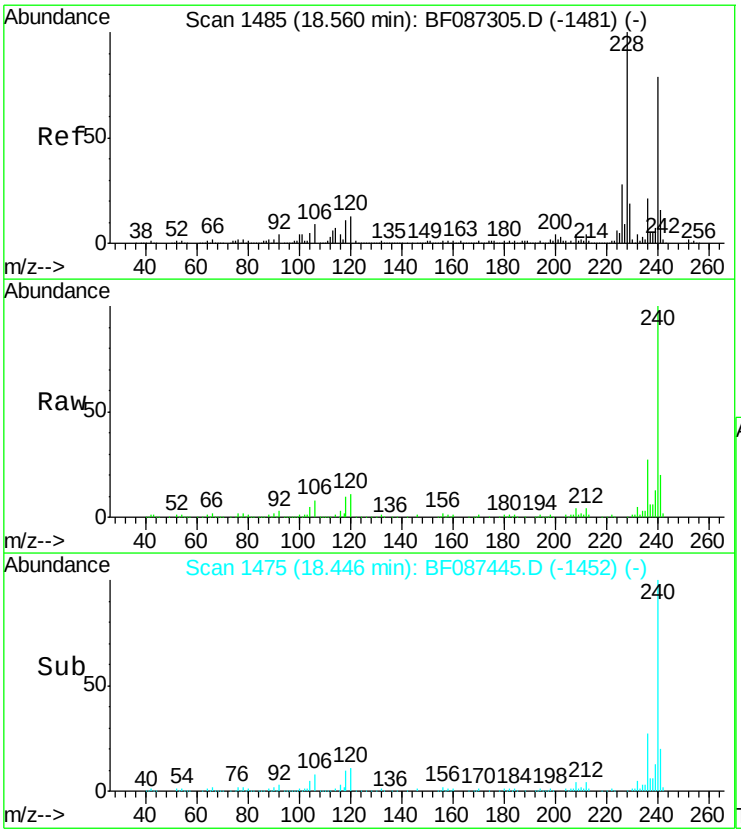
#69
Pentachlorophenol
Concen: 7.01 ng
RT: 14.53 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:266 Resp: 1368

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	0.0	52.9	79.3#

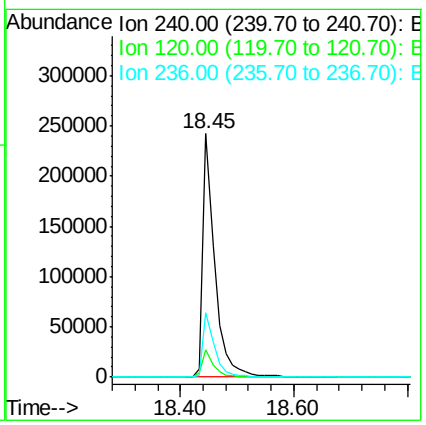


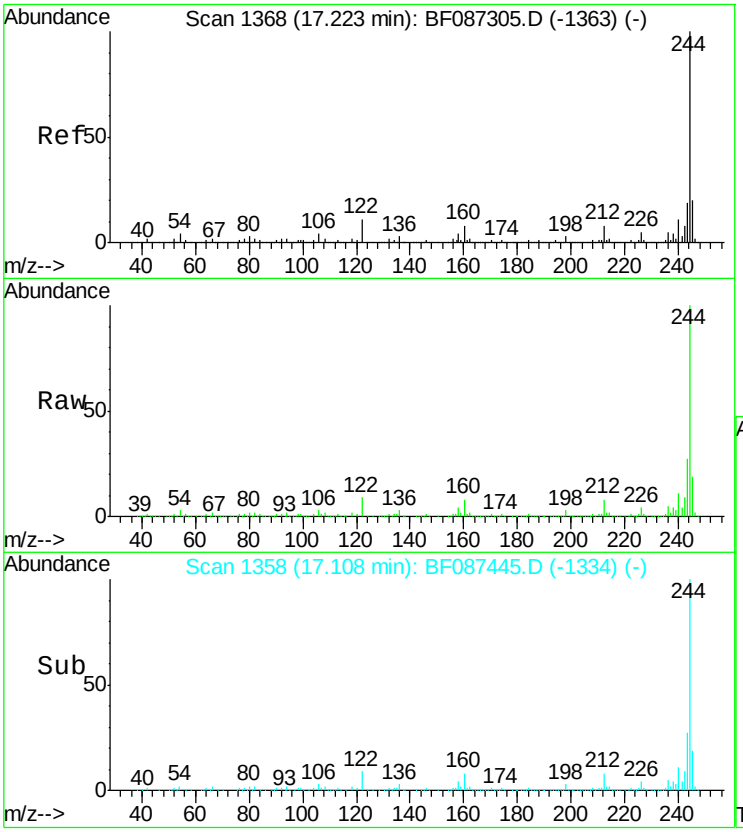


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:240 Resp: 339292

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.6	21.2	31.8



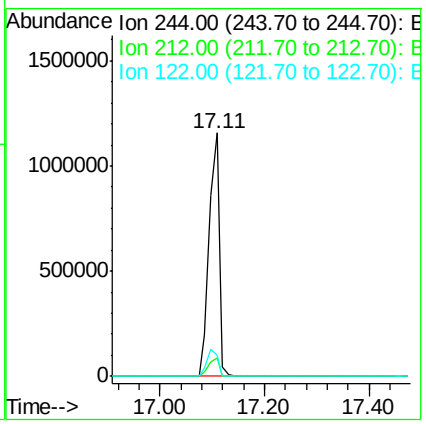


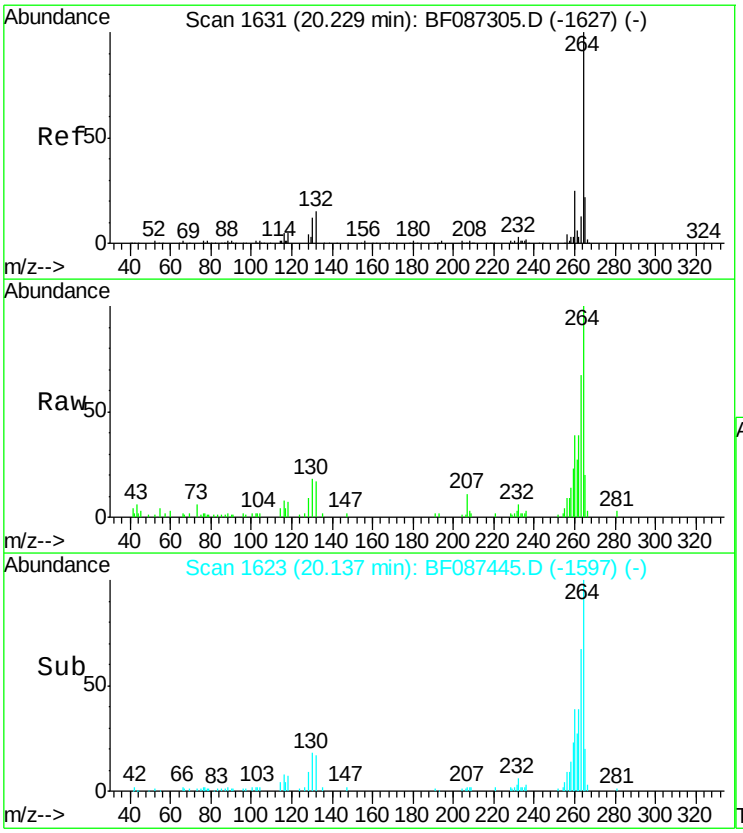
#78
Terphenyl-d14
Concen: 98.37 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Instrument :
BNA_F
ClientSampleId :
HSR-WC-47-052416

Tgt Ion:244 Resp: 1569870

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	8.8	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF087445.D
Acq: 27 May 2016 16:12

Tgt Ion:264 Resp: 56403

Ion	Ratio	Lower	Upper
264	100		
260	38.9	19.5	29.3#
265	20.5	17.3	25.9