Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
Data File : BF087356.D
Acq On : 25 May 2016 1:23
Operator : UM/SJ
Sample : H3191-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1705(0-4)

Quant Time: May 25 05:17:57 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 00:58:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	114289	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	461906	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	218759	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	443507	20.00	ng	0.00
75) Chrysene-d12	18.50	240	385872	20.00	ng	-0.01
86) Perylene-d12	20.17	264	276291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	899641	138.32	ng	0.02
7) Phenol-d6	7.10	99	1075329	122.35	ng	-0.01
23) Nitrobenzene-d5	8.47	82	854128	93.19	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	332814	158.32	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1475740	95.10	ng	-0.02
78) Terphenyl-d14	17.17	244	1565040	86.23	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	56813	16.55	ng	# 22
15) Benzyl Alcohol	7.79	79	14403	2.25	ng	# 40
19) n-Nitroso-di-n-propylamine	8.47	70	115567	17.63	ng	# 73
31) Naphthalene	9.62	128	380352	16.43	ng	98
32) Benzoic acid	9.62	122	998	6.07	ng	# 1
50) 2,6-Dinitrotoluene	12.41	165	25908	7.34	ng	# 20

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
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Acq On : 25 May 2016 1:23
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Misc :
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Instrument :
BNA_F
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CHS-STA-1705(0-4)

Quant Time: May 25 05:17:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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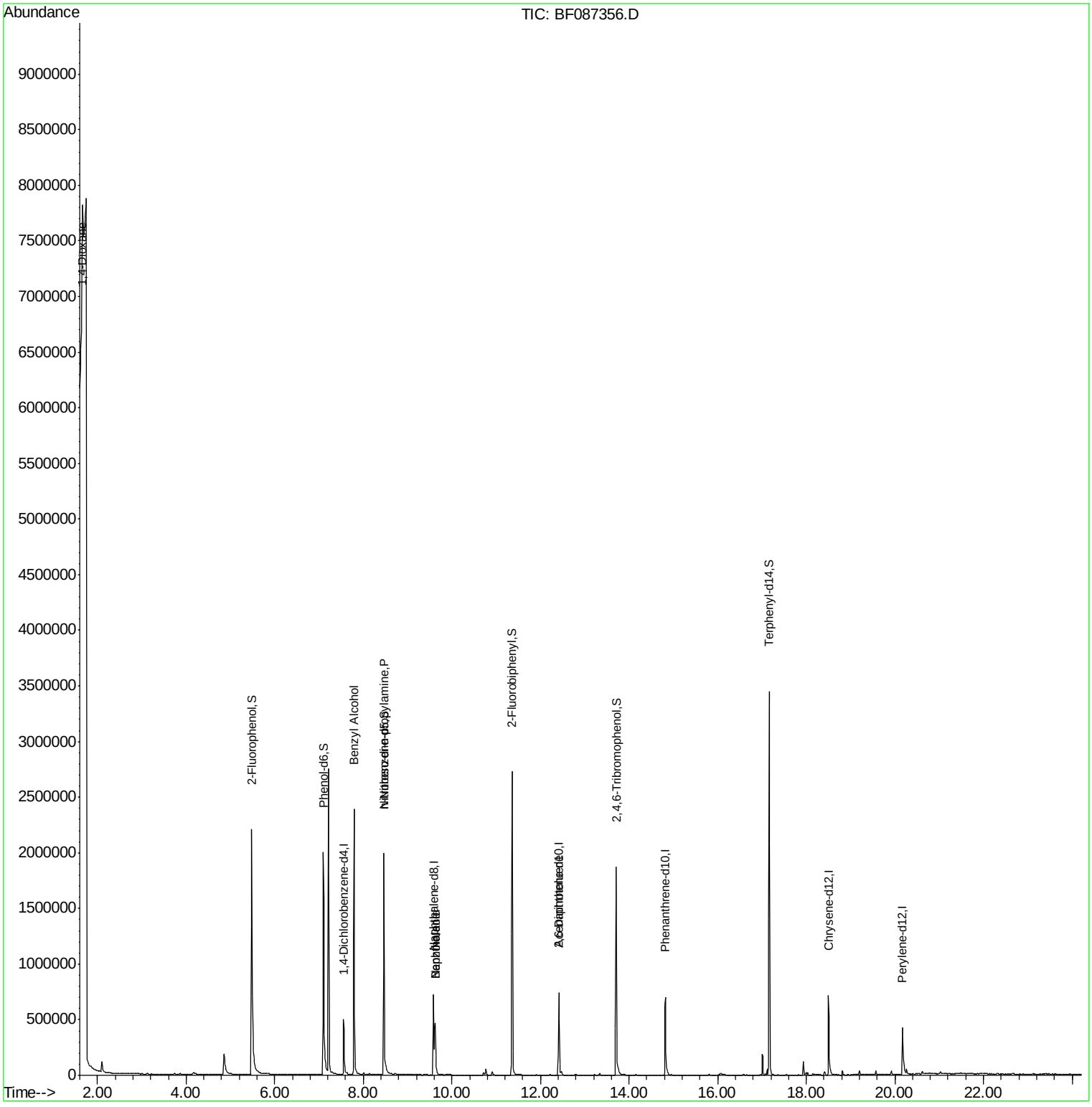
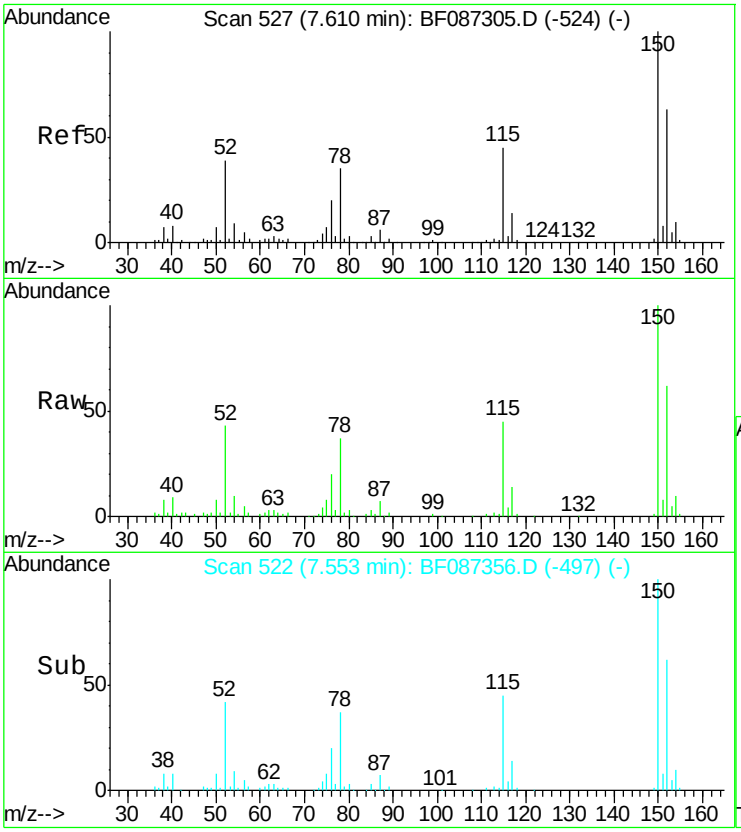


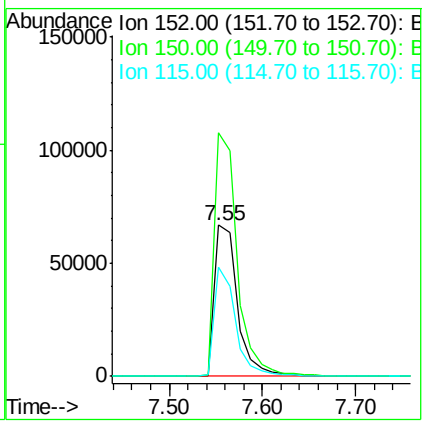


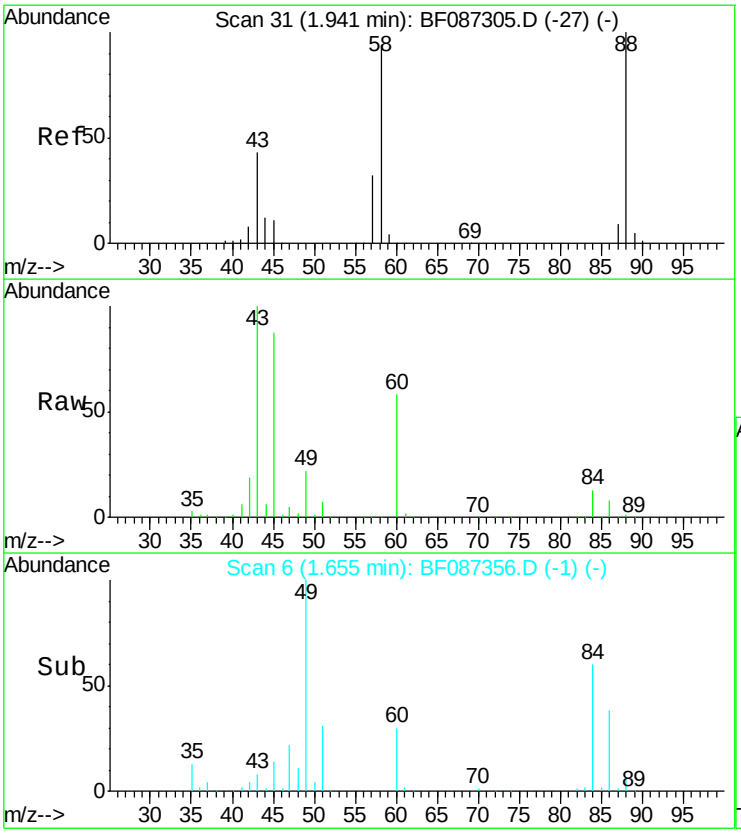
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:152 Resp: 114289

Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.8	188.6
115	72.5	51.5	77.3

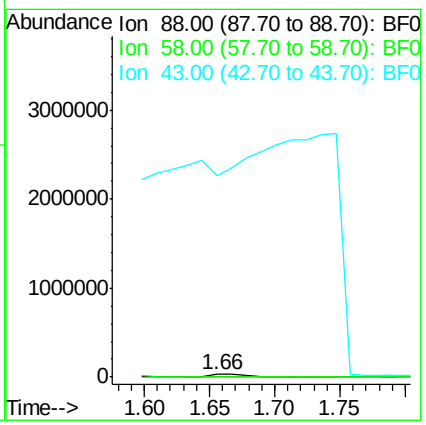


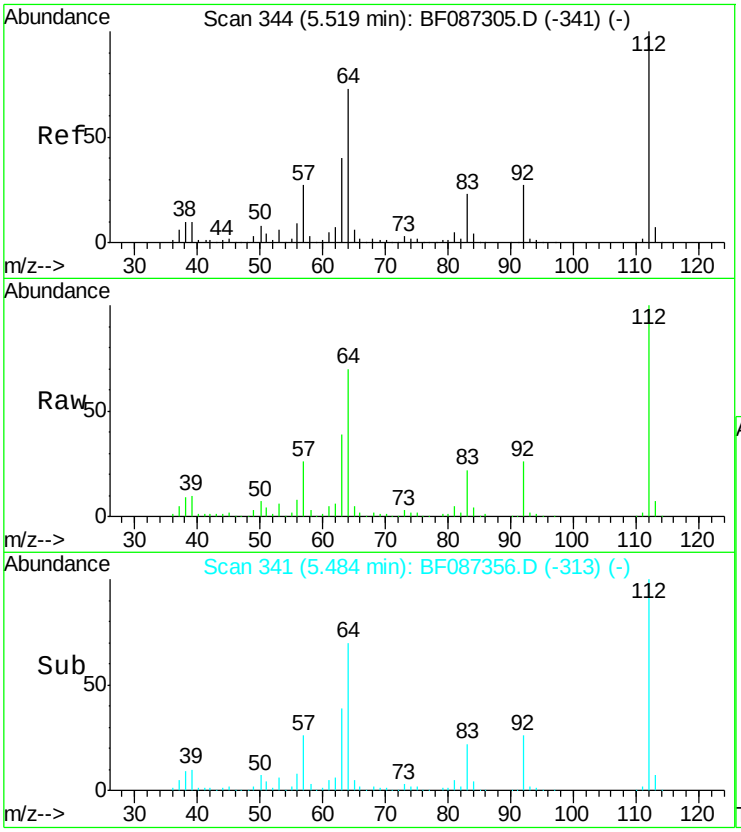


#2
1,4-Dioxane
Concen: 16.55 ng
RT: 1.66 min Scan# 6
Delta R.T. -0.21 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion: 88 Resp: 56813

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



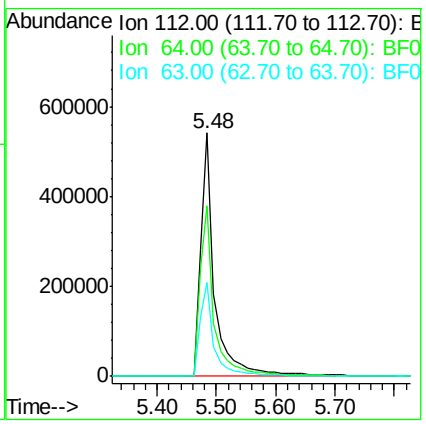


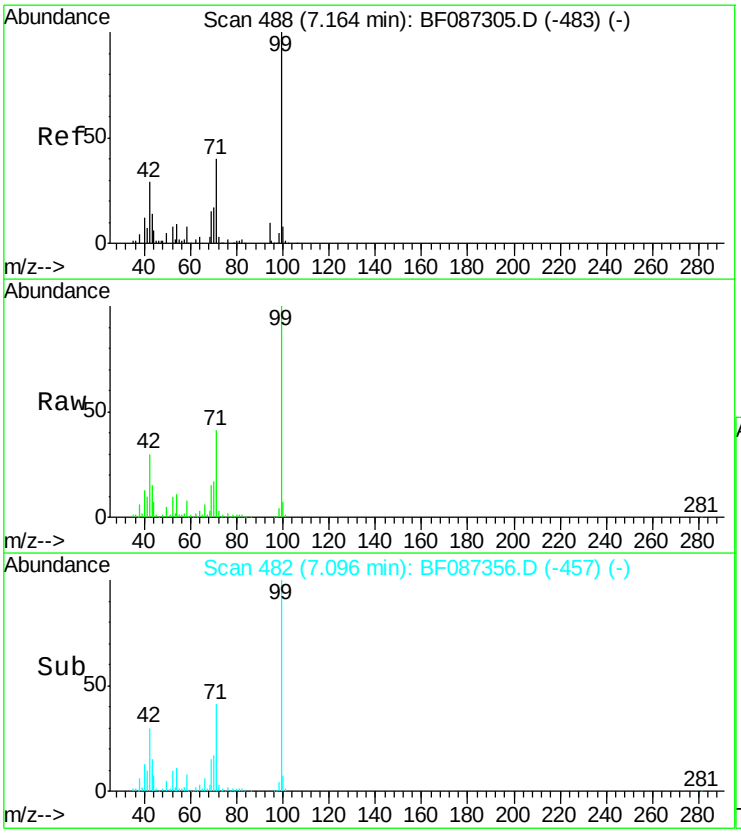
#5
2-Fluorophenol
Concen: 138.32 ng
RT: 5.48 min Scan# 341
Delta R.T. 0.02 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:112 Resp: 899641

Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.1	78.1
63	38.6	25.7	38.5#

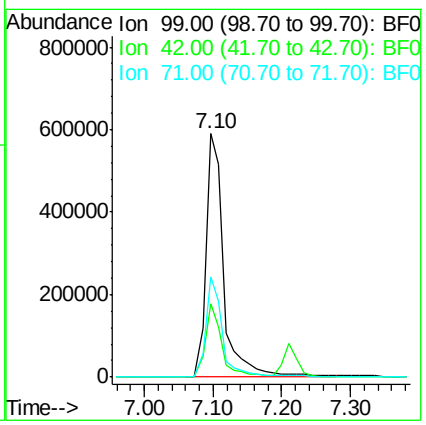


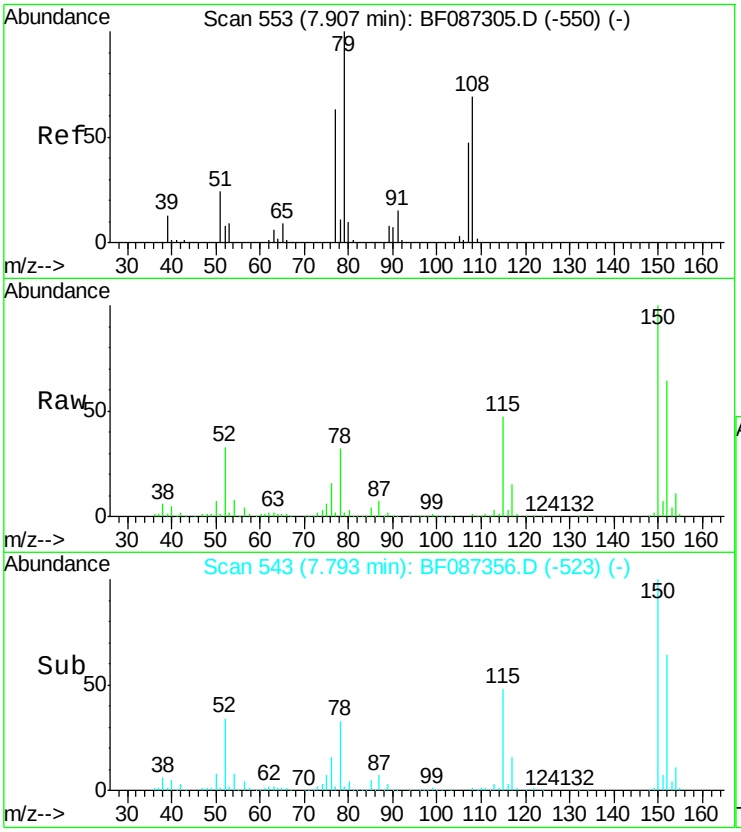


#7
Phenol-d6
Concen: 122.35 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion: 99 Resp: 1075329

Ion	Ratio	Lower	Upper
99	100		
42	30.4	13.6	20.4#
71	41.1	24.6	36.8#



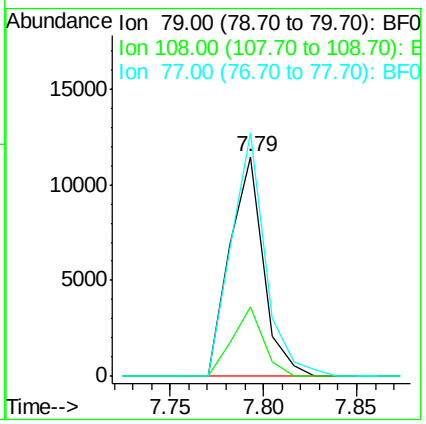


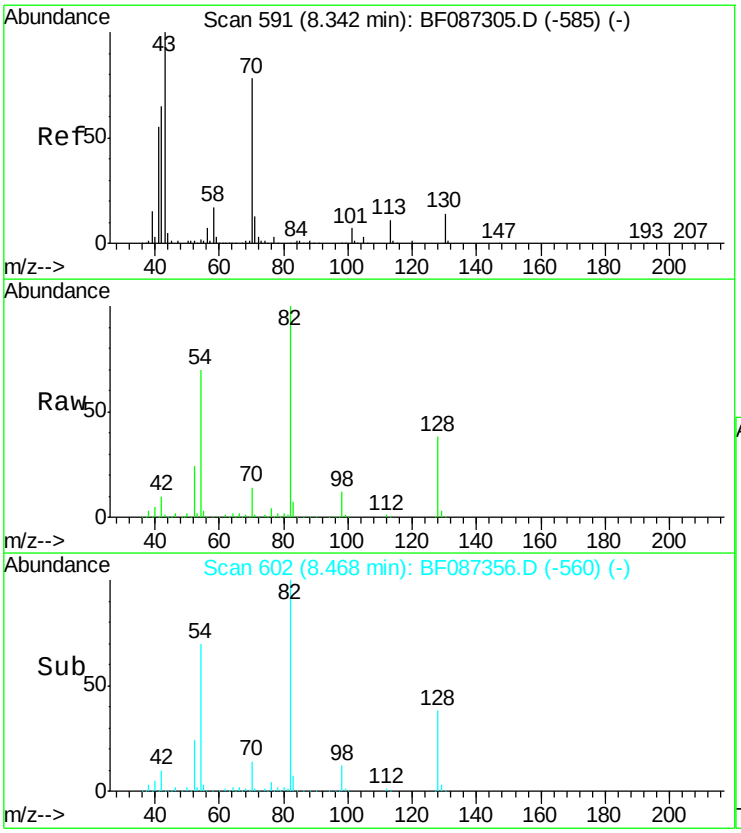
#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion: 79 Resp: 14403

Ion	Ratio	Lower	Upper
79	100		
108	31.4	68.4	102.6#
77	110.7	50.6	76.0#

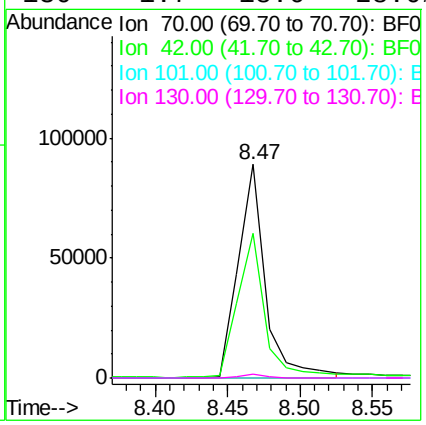


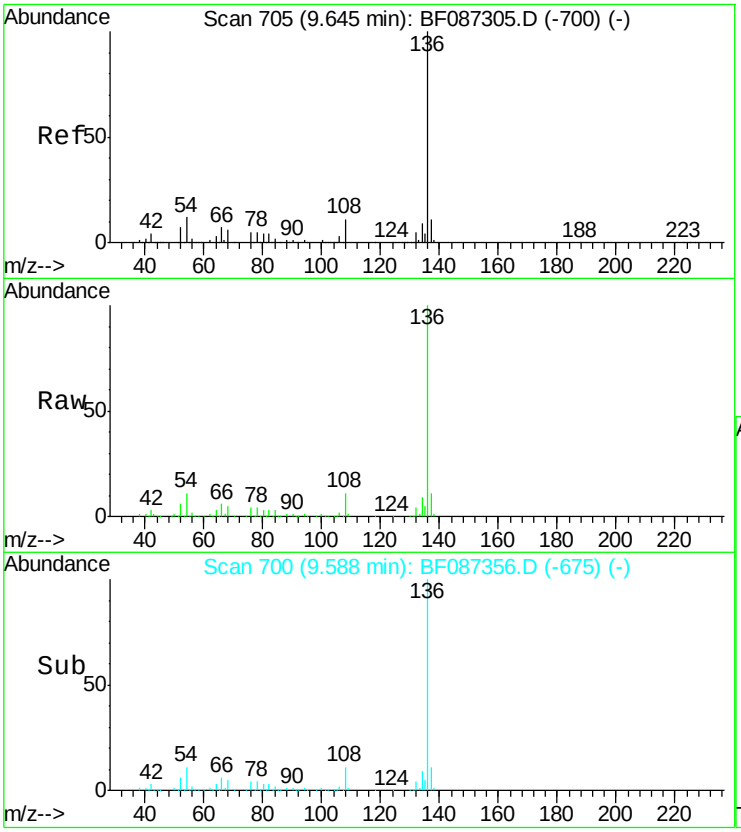


#19
n-Nitroso-di-n-propylamine
Concen: 17.63 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.18 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion: 70 Resp: 115567

Ion	Ratio	Lower	Upper
70	100		
42	67.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



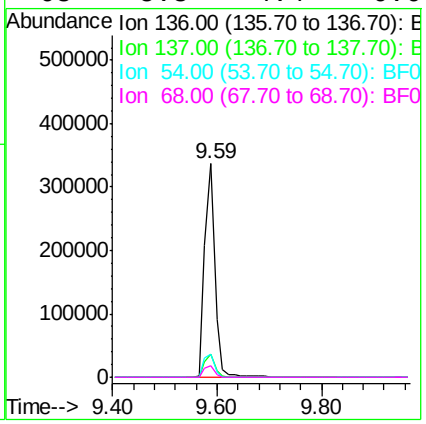


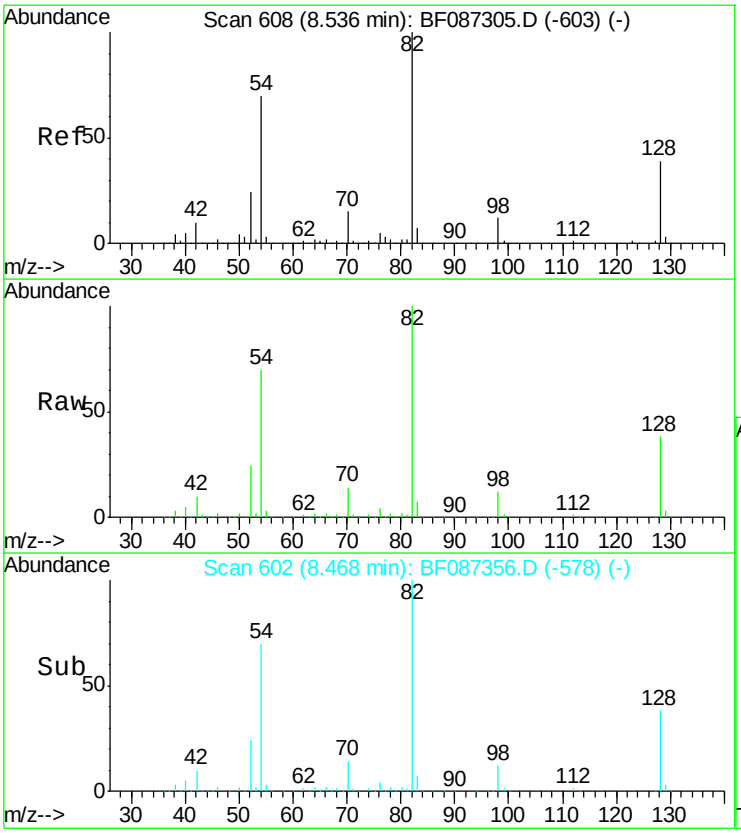
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:136 Resp: 461906

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	5.0	7.4#
68	5.3	4.4	6.6

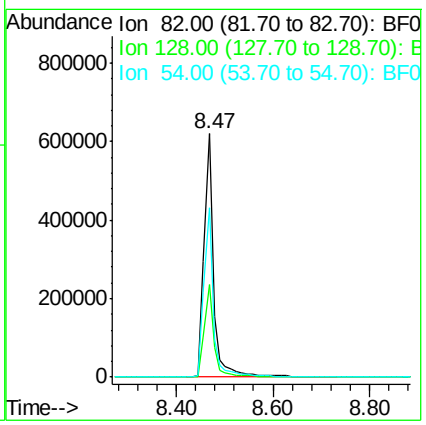


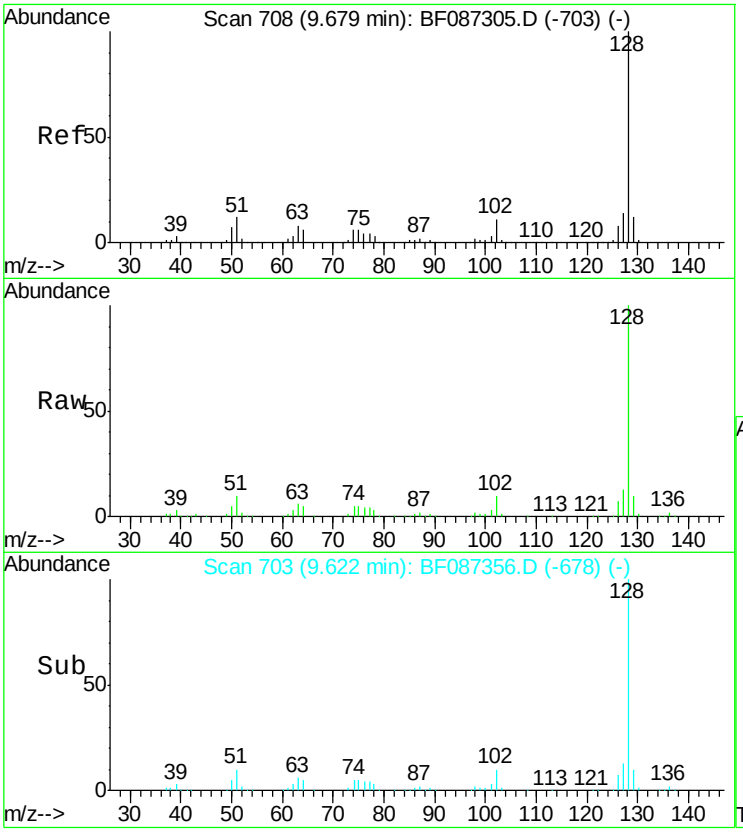


#23
Nitrobenzene-d5
Concen: 93.19 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion: 82 Resp: 854128

Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	69.6	38.1	57.1#



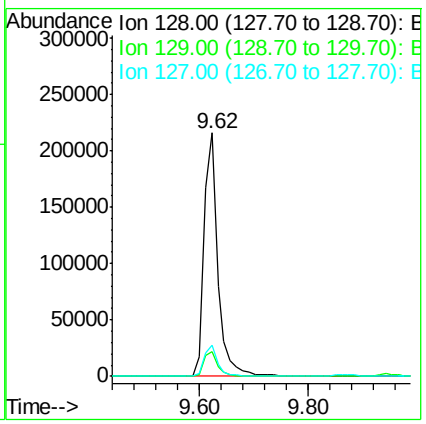


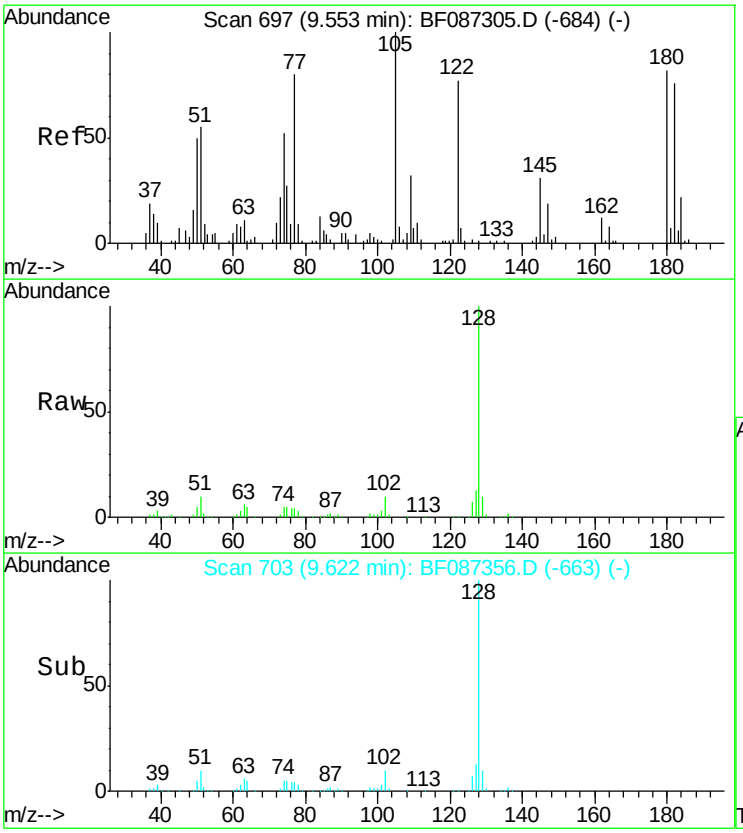
#31
Naphthalene
Concen: 16.43 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:128 Resp: 380352

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	12.7	10.8	16.2

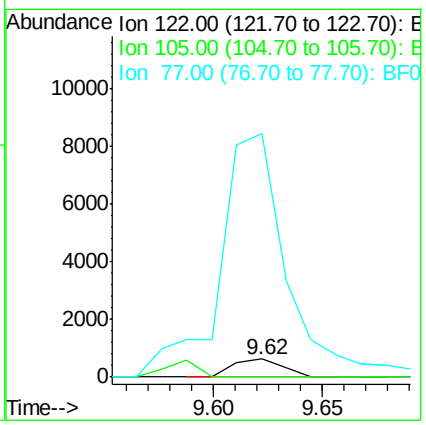


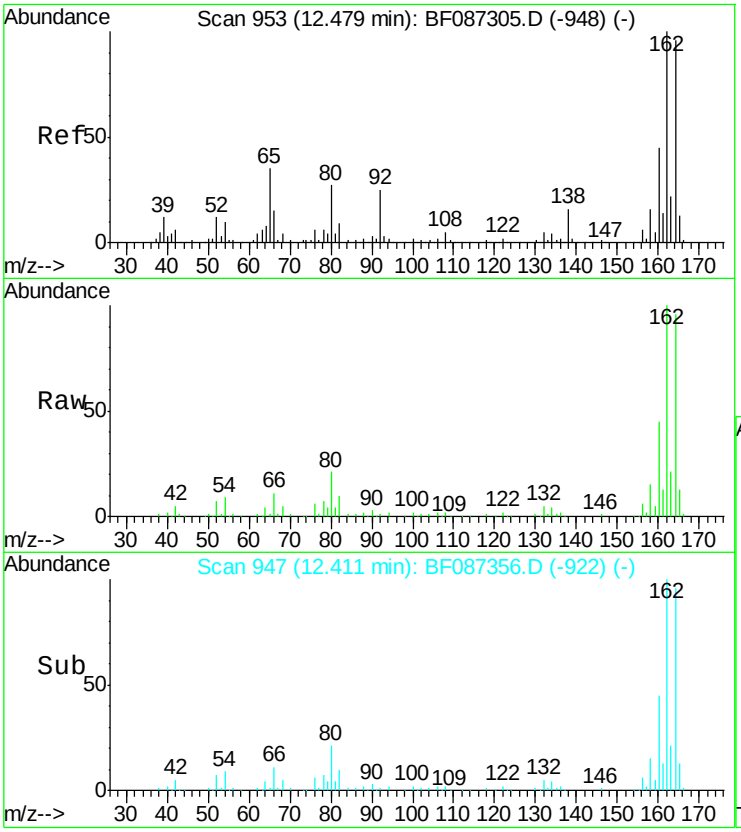


#32
Benzoic acid
Concen: 6.07 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.16 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:122 Resp: 998

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	1375.4	60.0	100.0#



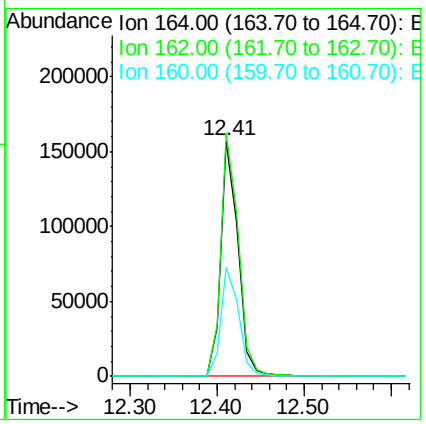


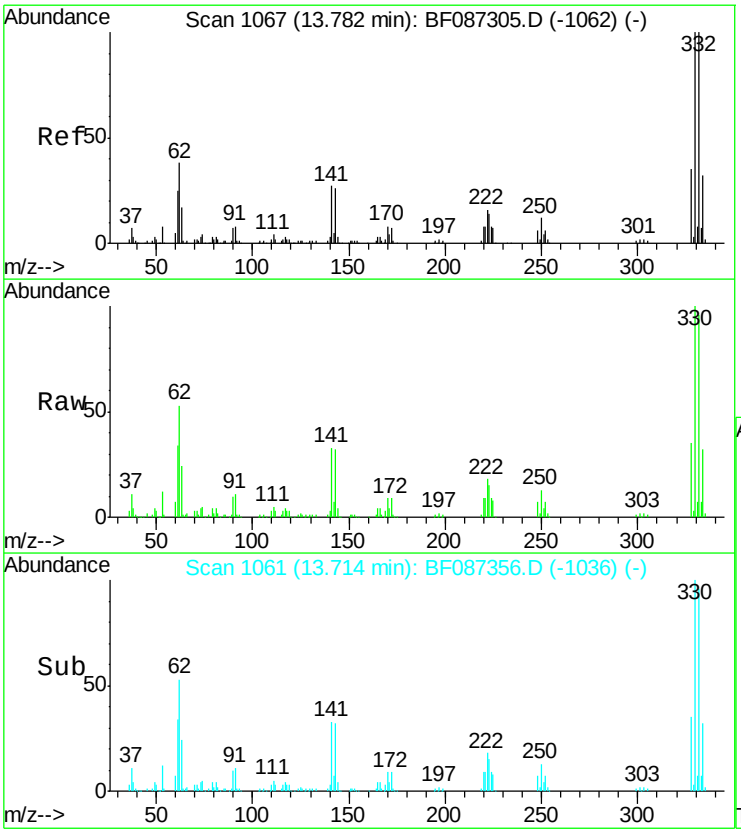
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:164 Resp: 218759

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	46.4	36.9	55.3

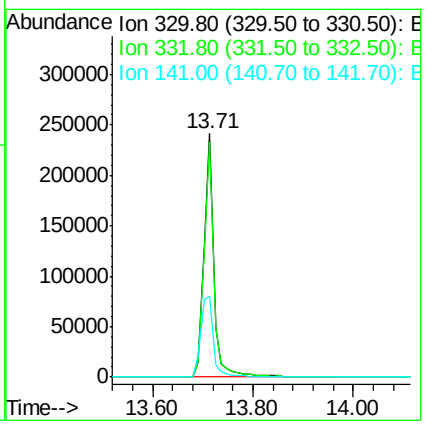


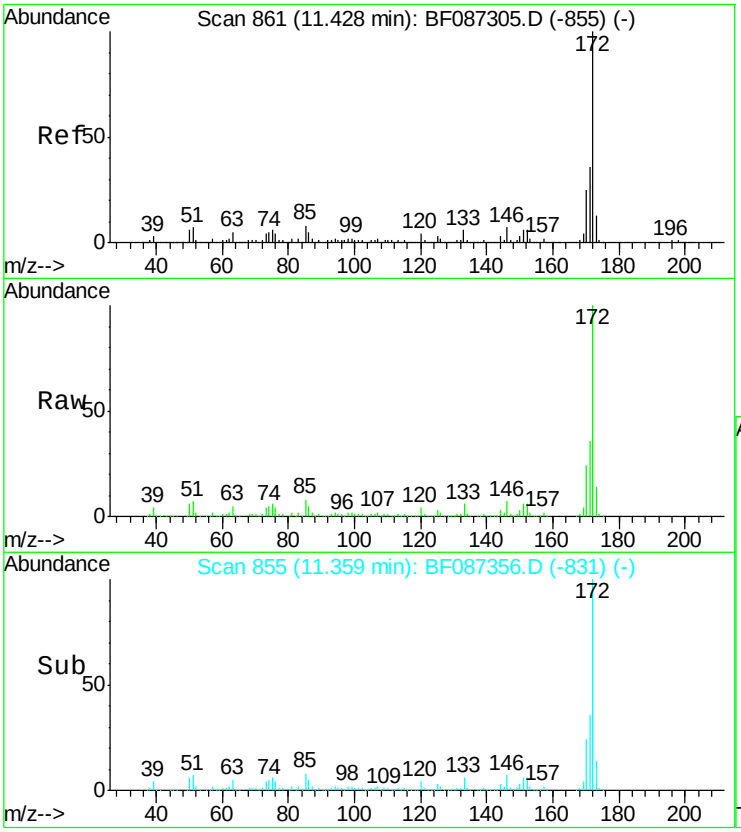


#41
2,4,6-Tribromophenol
Concen: 158.32 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:330 Resp: 332814

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	43.0	31.2	46.8



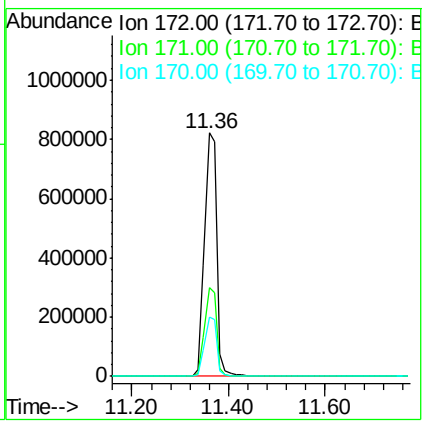


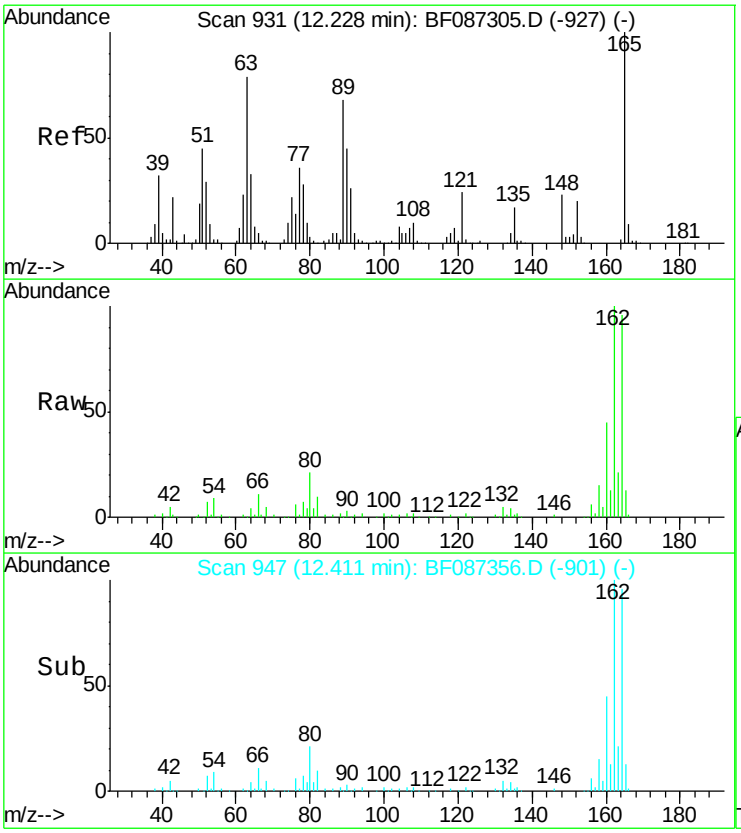
#44
2-Fluorobiphenyl
Concen: 95.10 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:172 Resp: 1475740

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8

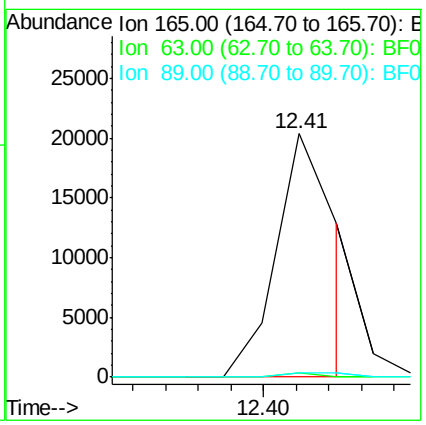


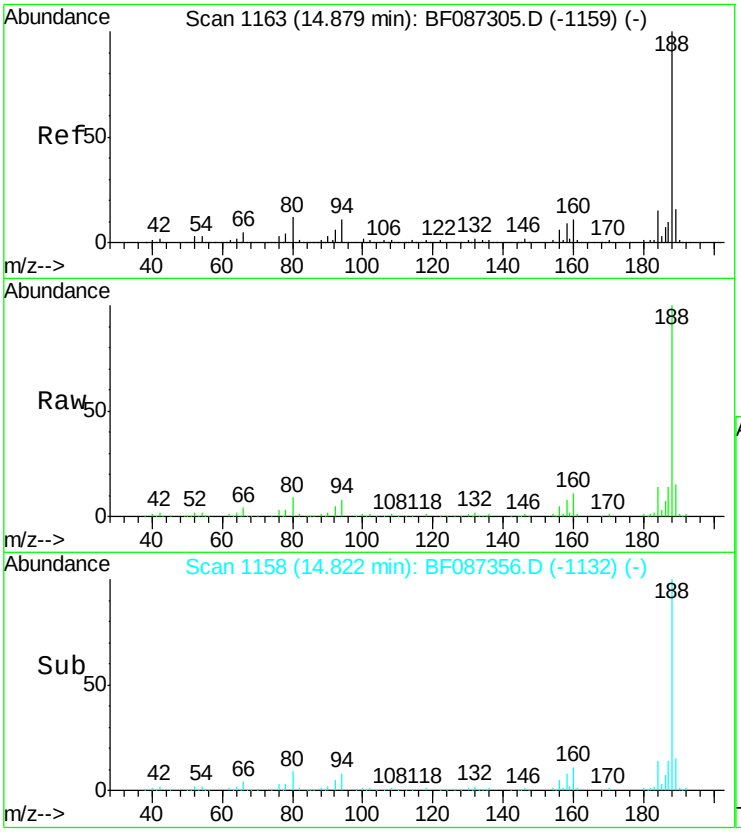


#50
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 12.41 min Scan# 947
Delta R.T. 0.23 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:165 Resp: 25908

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.7	50.7	76.1#



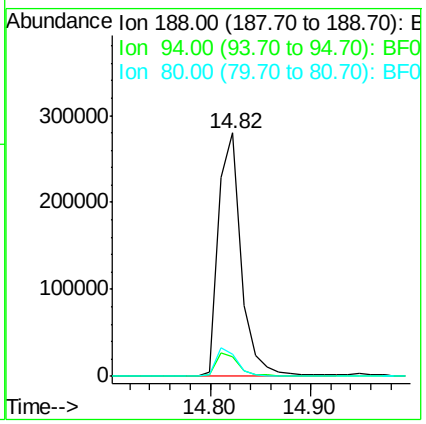


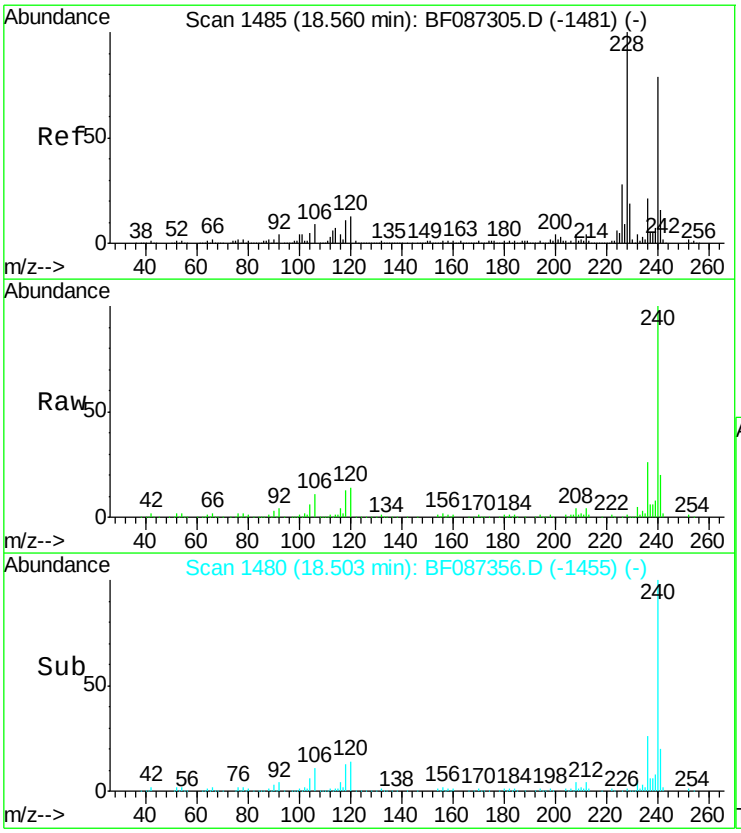
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:188 Resp: 443507

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.1	7.1	10.7

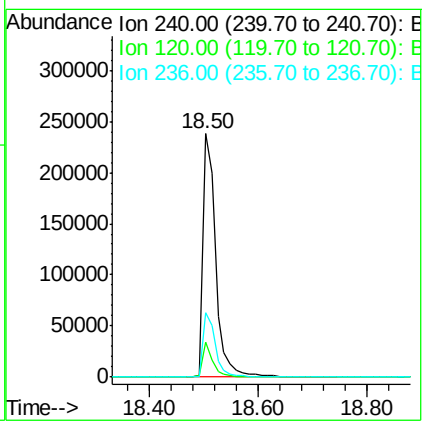


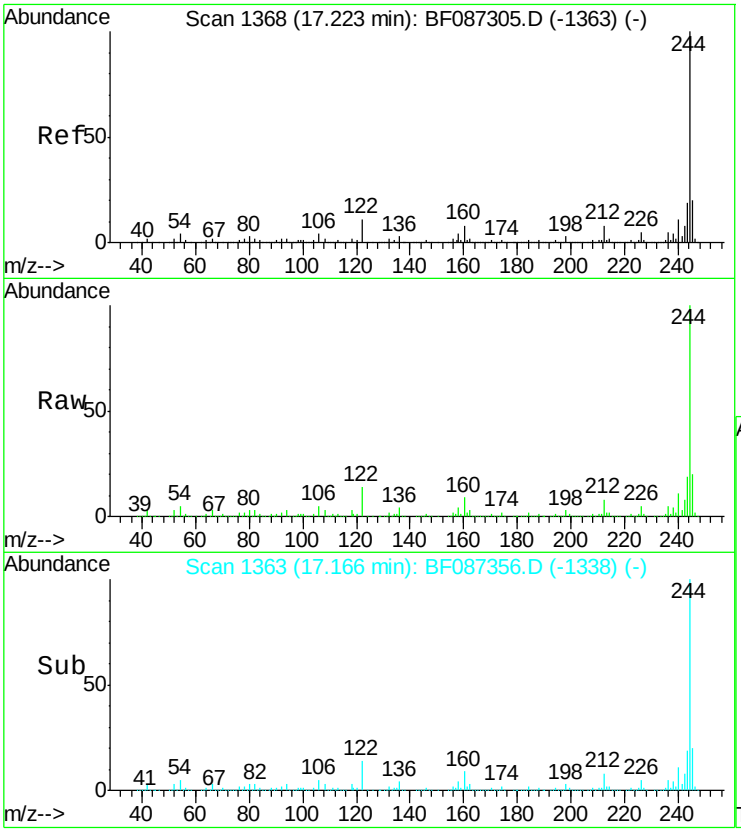


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:240 Resp: 385872

Ion	Ratio	Lower	Upper
240	100		
120	14.4	11.2	16.8
236	26.3	21.2	31.8



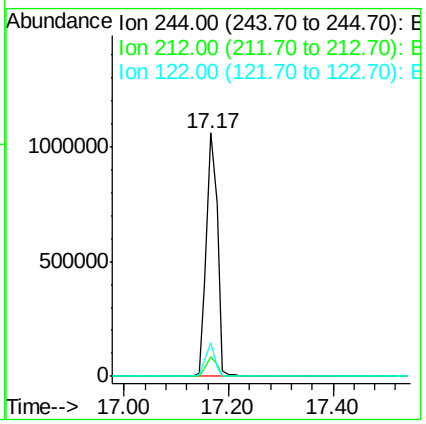


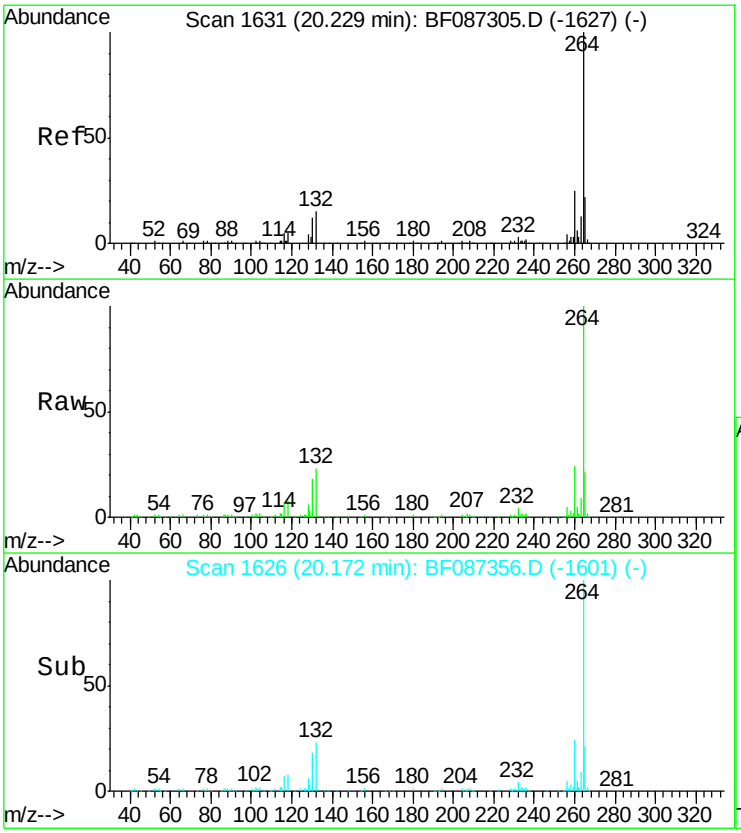
#78
Terphenyl-d14
Concen: 86.23 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:244 Resp: 1565040

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:264 Resp: 276291

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.3	25.9