Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090819.D
Acq On : 15 Sep 2015 3:32
Operator : UM/IZ
Sample : G3658-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091315-D534-F-D-S

Quant Time: Sep 15 05:51:29 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	34326	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	140031	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	69792	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	171561	5.00	ng		0.00
25) Chrysene-d12	21.07	240	233646	5.00	ng		0.00
32) Perylene-d12	23.35	264	222116	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	18785	2.82	ng		0.00
5) Phenol-d6	6.75	99	13816	1.45	ng		0.00
7) Nitrobenzene-d5	8.72	82	30490	3.29	ng		0.00
13) 2,4,6-Tribromophenol	15.68	330	12844	6.30	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	69189	3.58	ng		0.00
27) Terphenyl-d14	19.53	244	136407	5.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	57	Below Cal		#	16
3) n-Nitrosodimethylamine	3.42	42	22	Below Cal		#	1
8) Nitrobenzene	8.76	77	10	0.11	ng	#	80
20) Hexachlorobenzene	16.21	284	29	Below Cal		#	1
21) Pentachlorophenol	16.65	266	30	0.47	ng	#	56
29) Chrysene	21.07	228	890	Below Cal		#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	2291	0.23	ng		96
36) Dibenzo(a,h)anthracene	25.73	278	7	0.14	ng	#	1

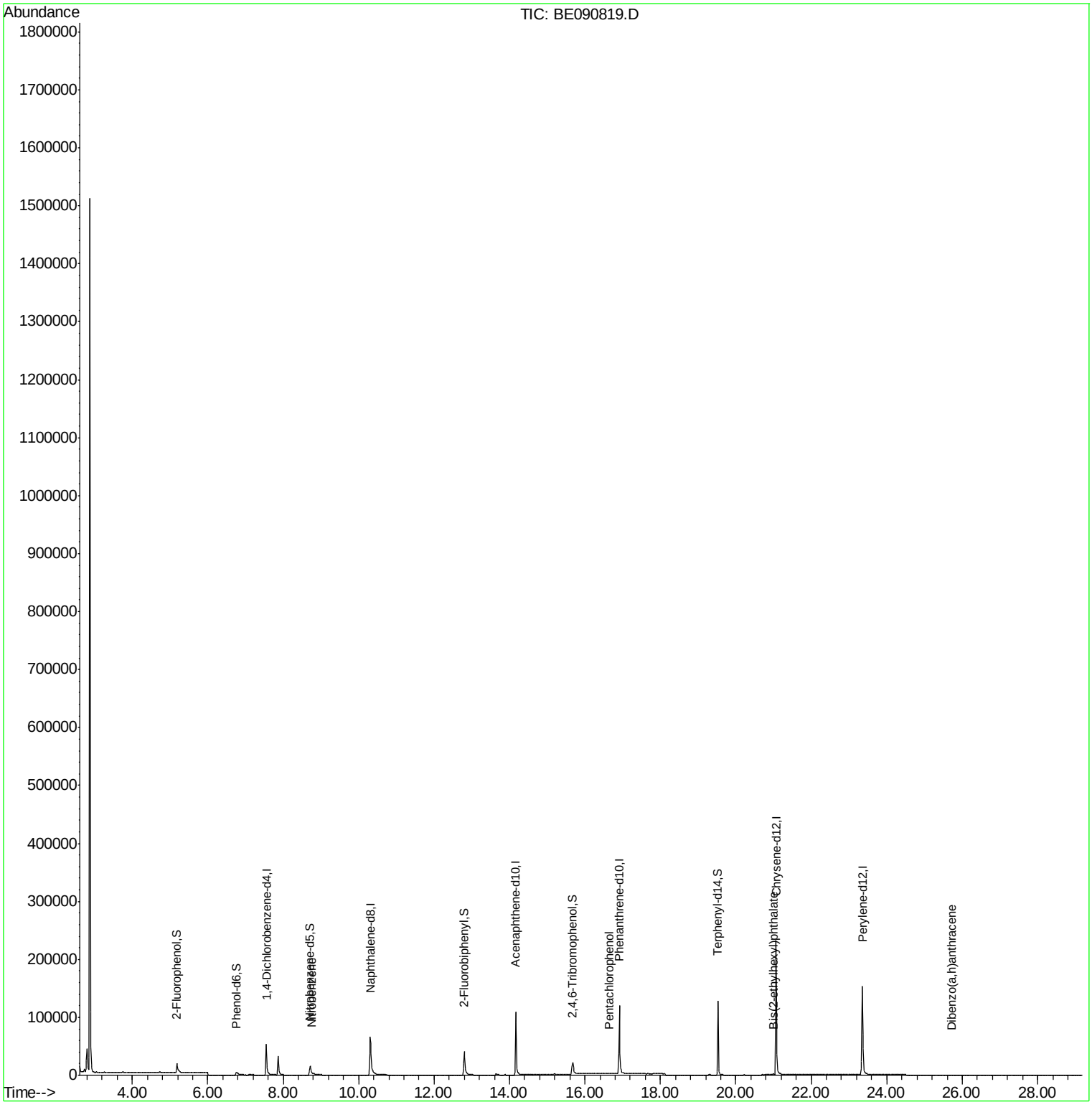
(#) = qualifier out of range (m) = manual integration (+) = signals summed

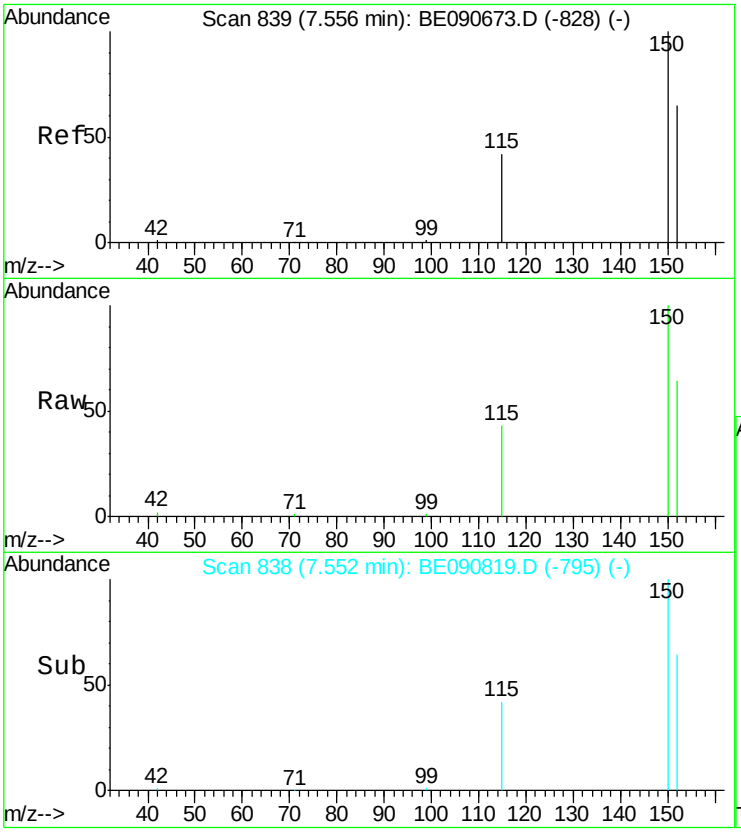
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090819.D
Acq On : 15 Sep 2015 3:32
Operator : UM/IZ
Sample : G3658-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Quant Time: Sep 15 05:51:29 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



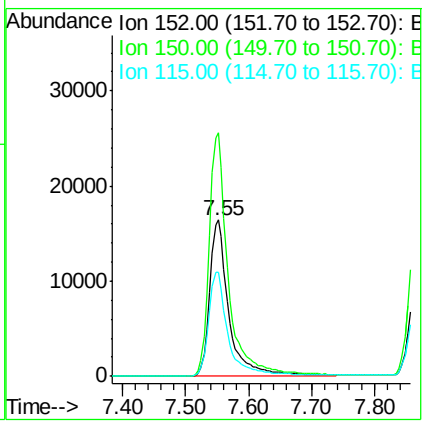


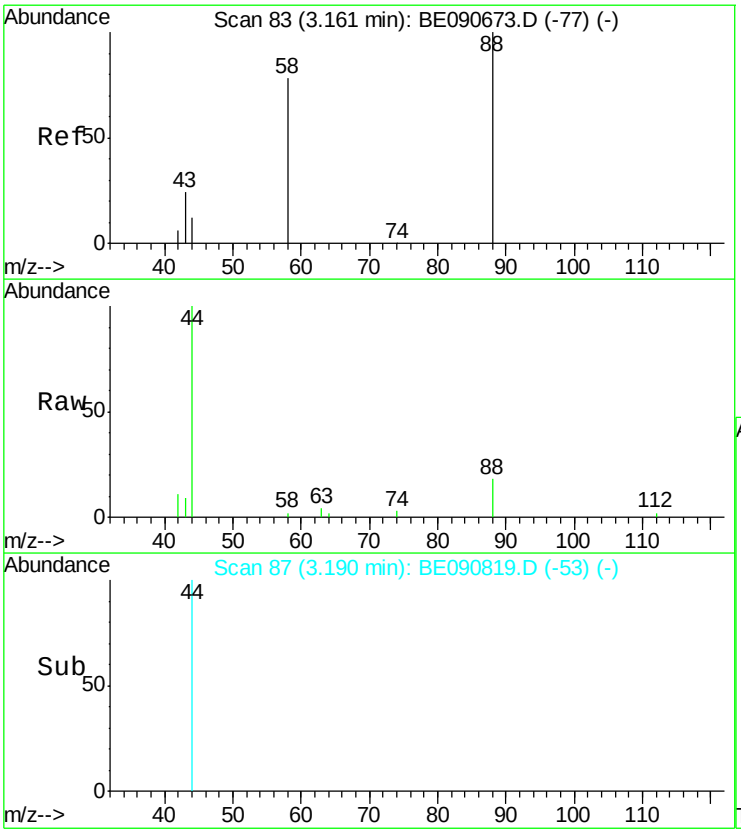
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:152 Resp: 34326

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.2	183.4
115	66.4	51.0	76.4

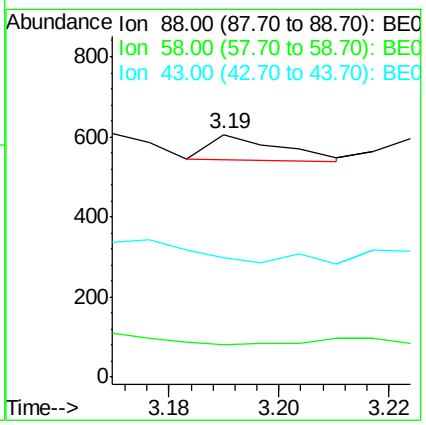


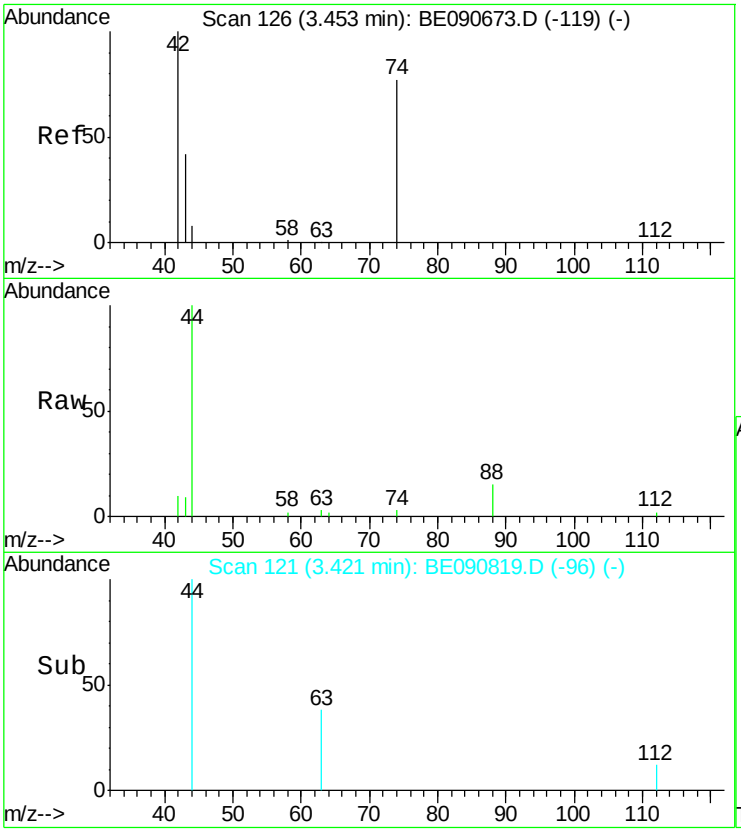


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. 0.03 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	0.0	26.9	40.3#



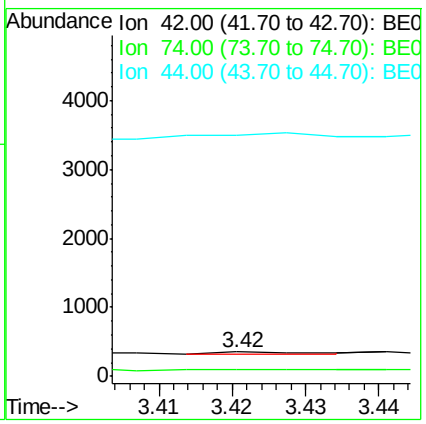


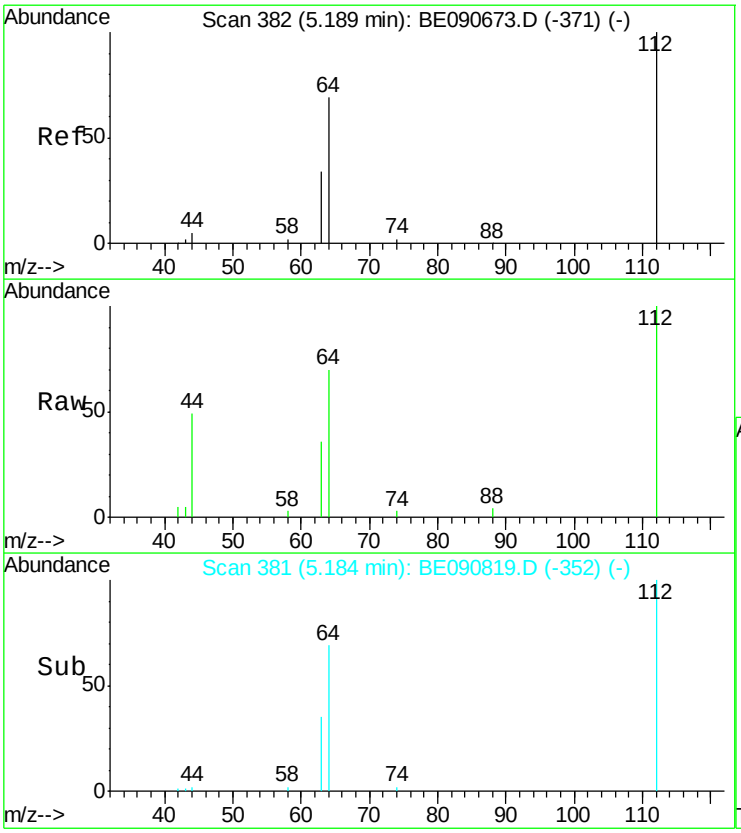
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.42 min Scan# 121
Delta R.T. -0.03 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion: 42 Resp: 22

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	981.8	10.0	15.0#

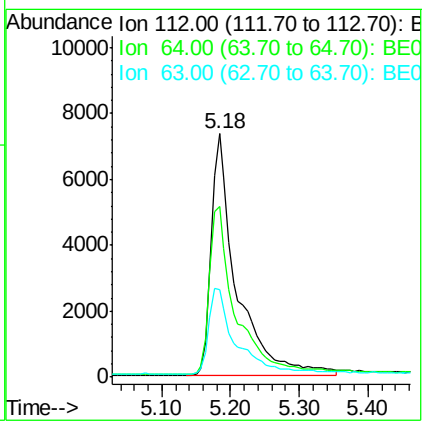


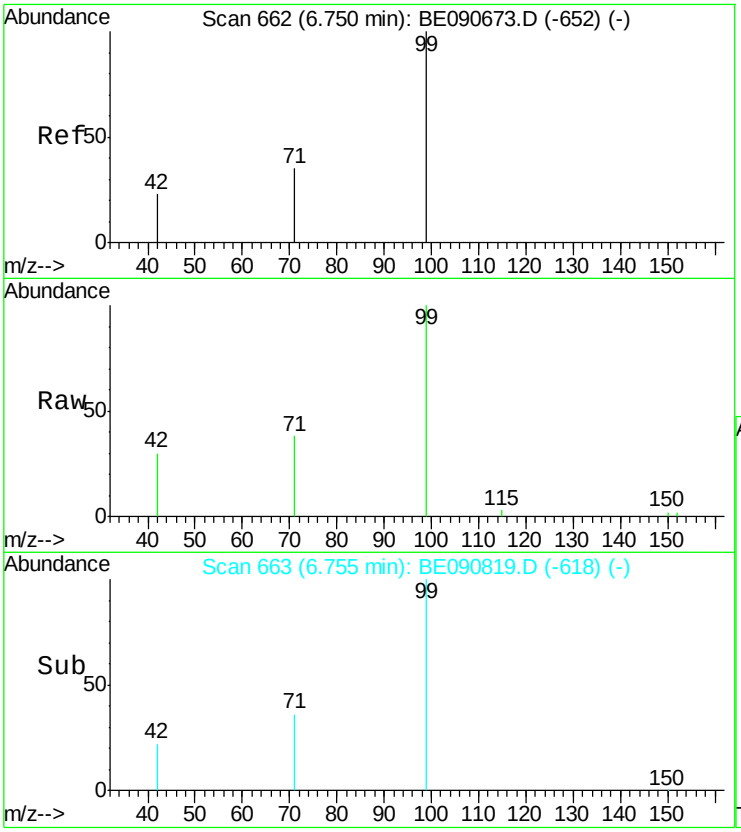


#4
2-Fluorophenol
Concen: 2.82 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:112 Resp: 18785

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.3	85.9
63	38.0	29.2	43.8



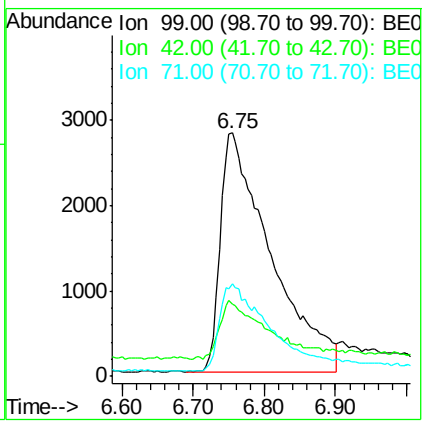


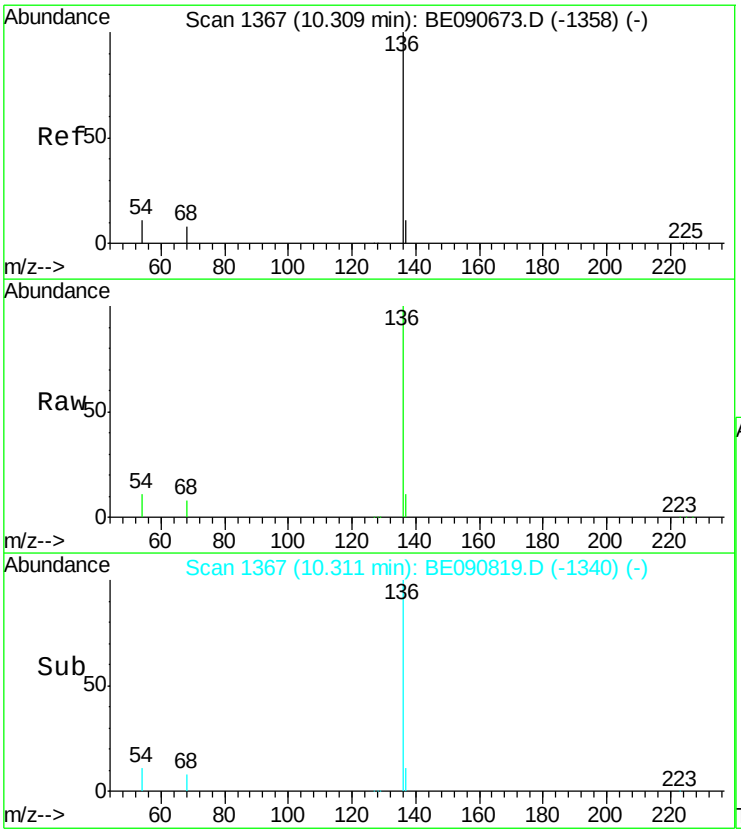
#5
Phenol-d6
Concen: 1.45 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion: 99 Resp: 13816

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.8	25.2
71	36.7	28.3	42.5

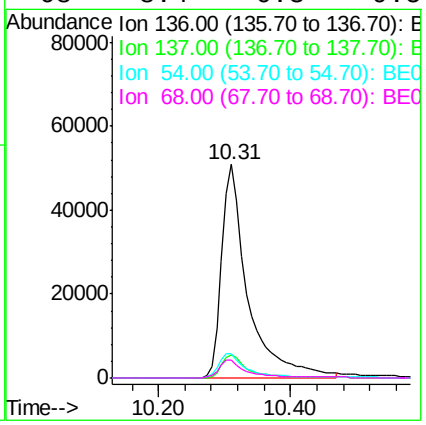


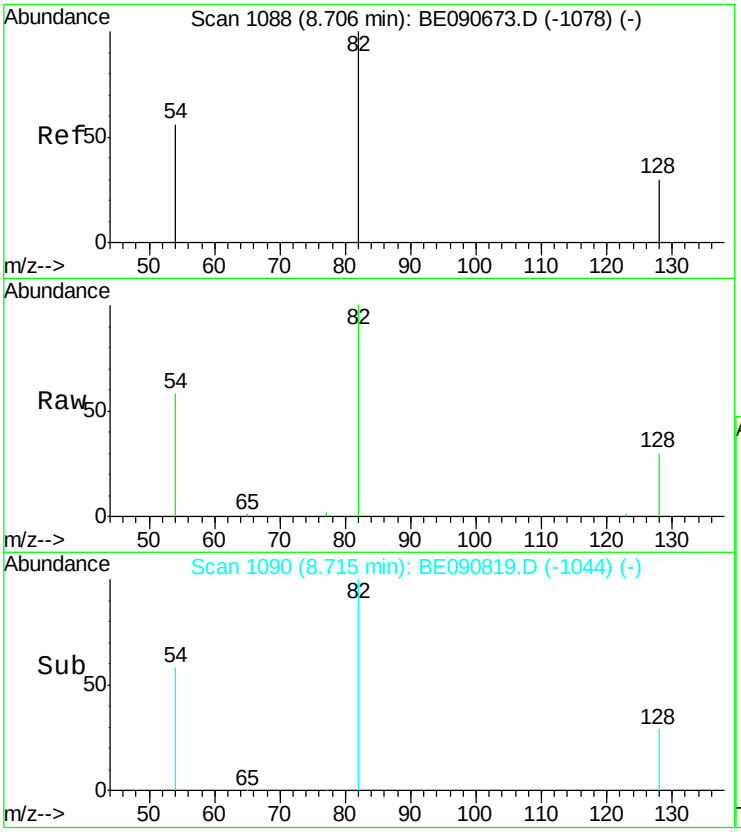


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:136 Resp: 140031

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.3	9.0	13.6
68	8.4	6.3	9.5



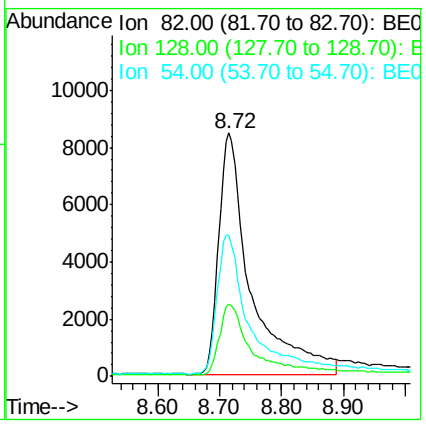


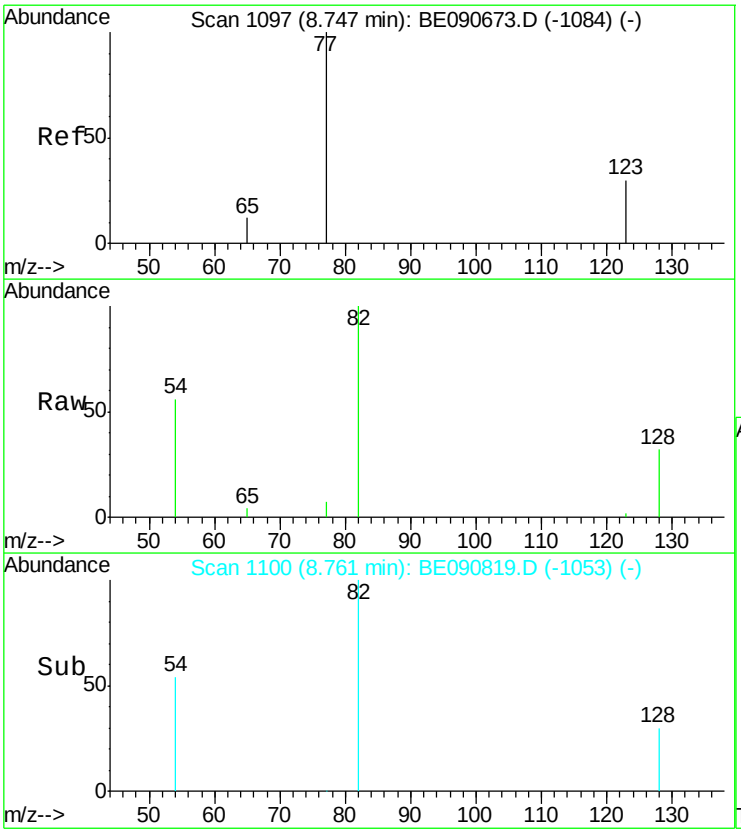
#7
Nitrobenzene-d5
Concen: 3.29 ng
RT: 8.72 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion: 82 Resp: 30490

Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.0	37.4
54	58.0	46.3	69.5

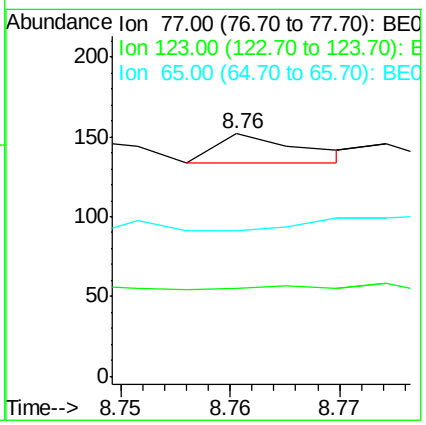


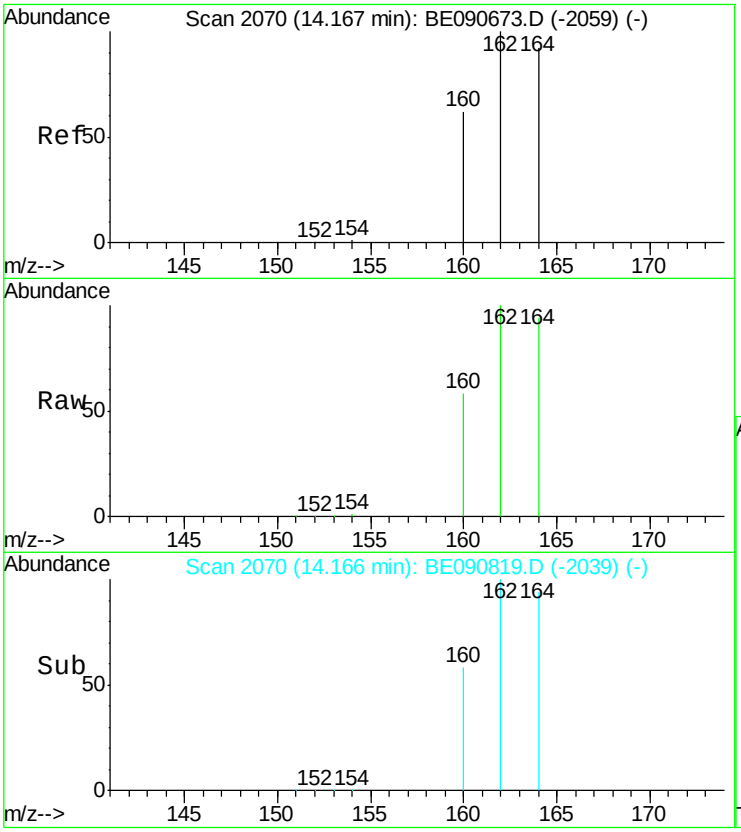


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion: 77 Resp: 10

Ion	Ratio	Lower	Upper
77	100		
123	40.0	25.1	37.7#
65	0.0	9.9	14.9#



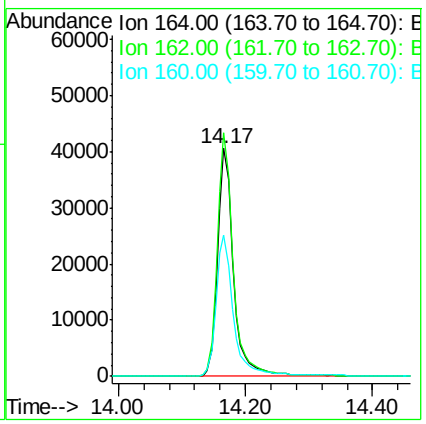


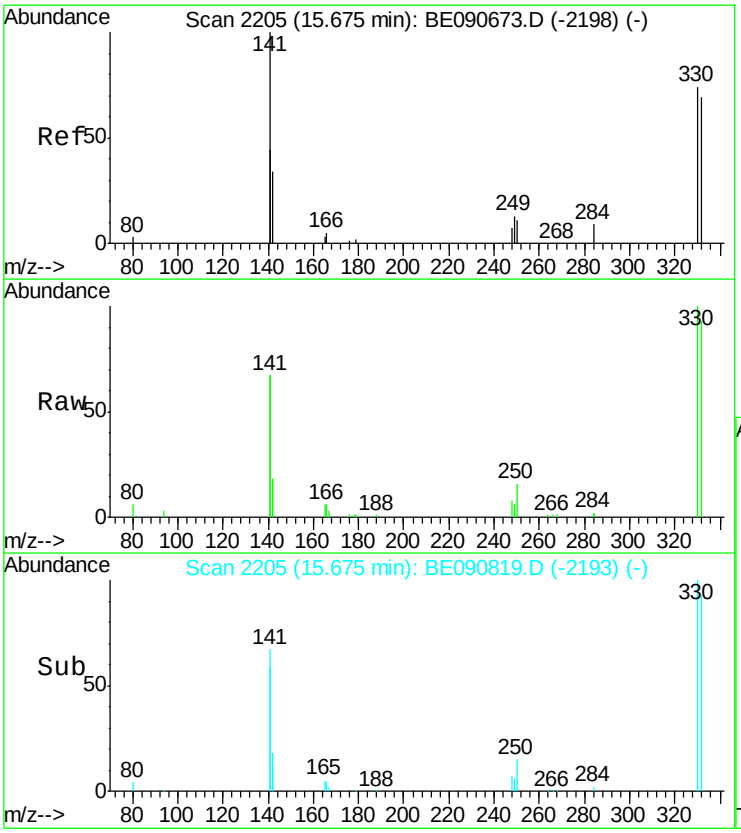
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:164 Resp: 69792

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.8	130.2
160	61.9	53.9	80.9

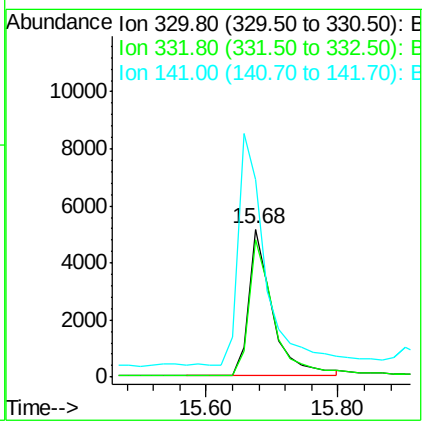


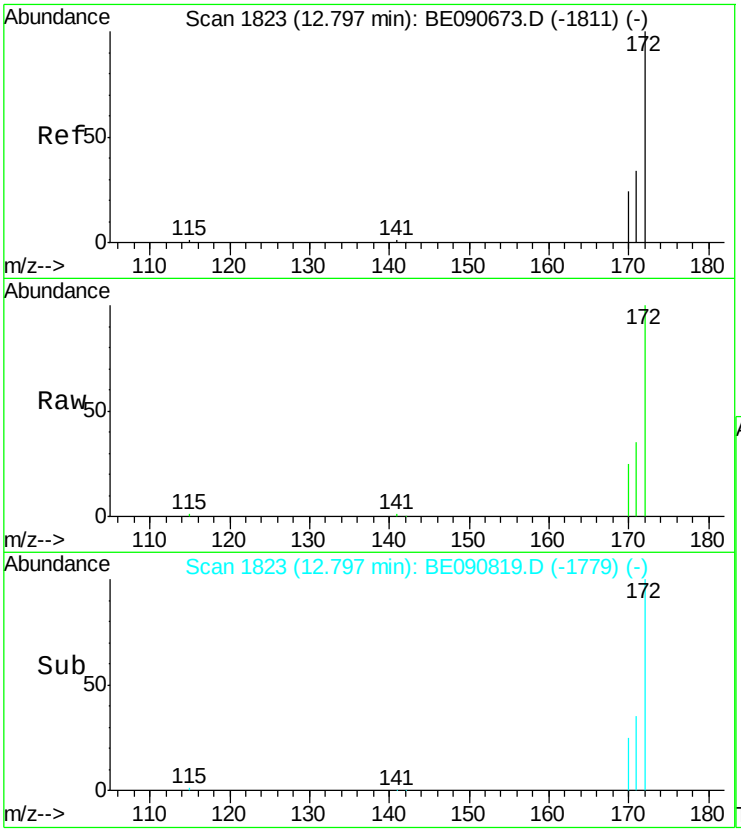


#13
2,4,6-Tribromophenol
Concen: 6.30 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:330 Resp: 12844

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.9	112.3
141	180.4	145.2	217.8



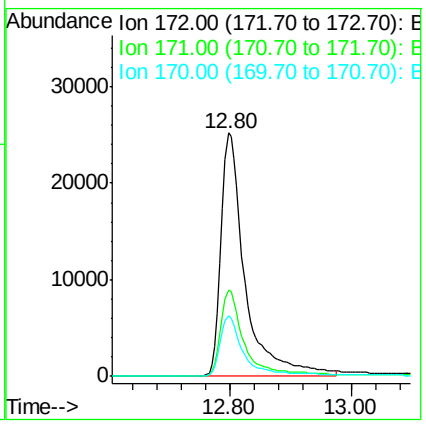


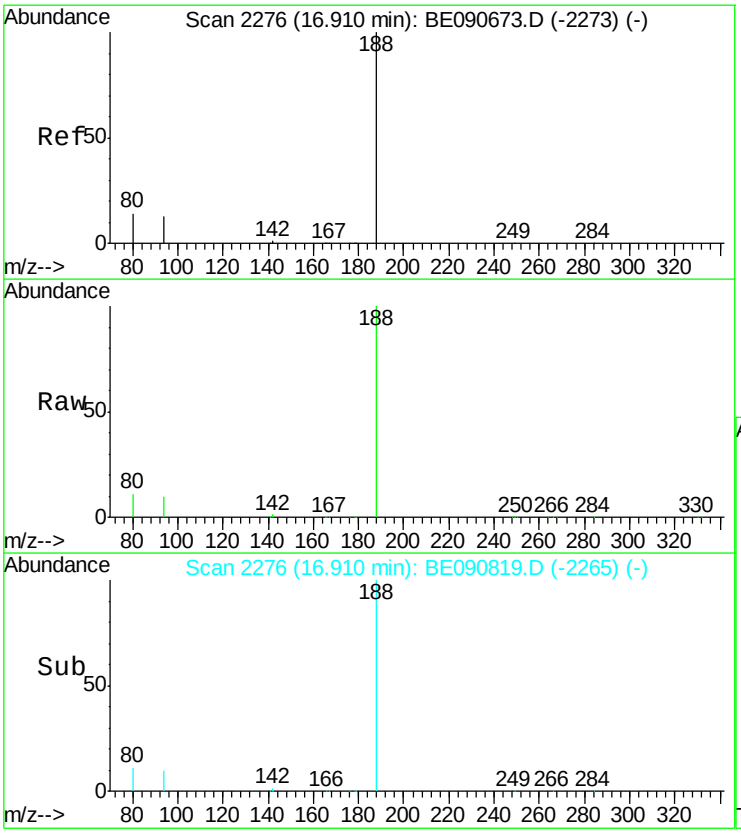
#14
2-Fluorobiphenyl
Concen: 3.58 ng
RT: 12.80 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:172 Resp: 69189

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.7	19.8	29.6

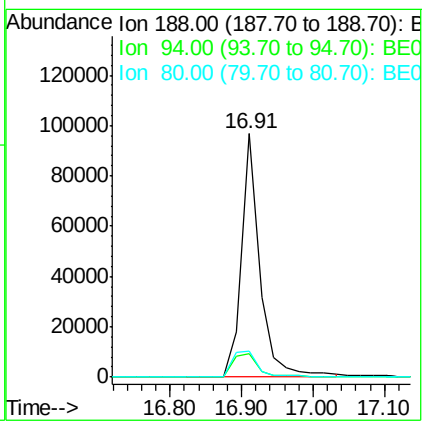


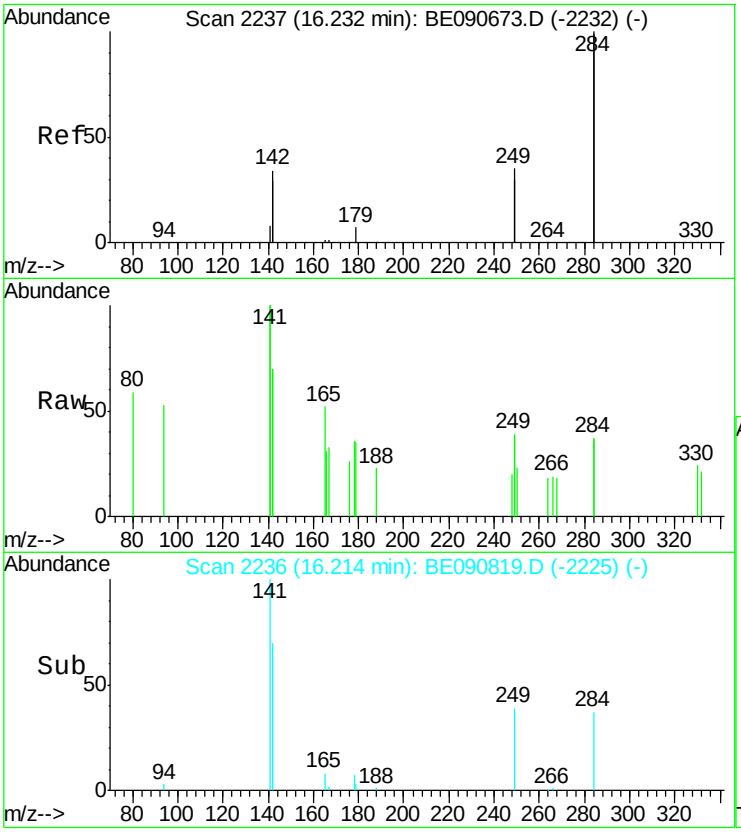


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:188 Resp: 171561

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.3	15.5#
80	10.7	11.0	16.6#



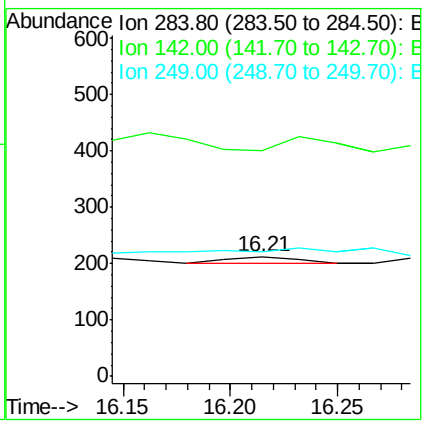


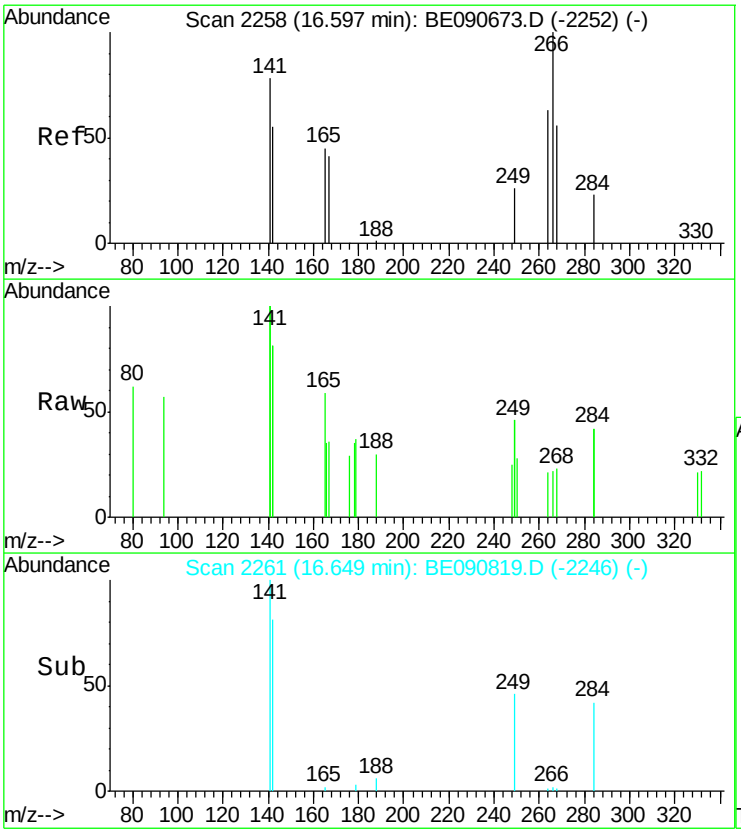
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.21 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:284 Resp: 29

Ion	Ratio	Lower	Upper
284	100		
142	375.9	35.0	52.4#
249	217.2	25.5	38.3#

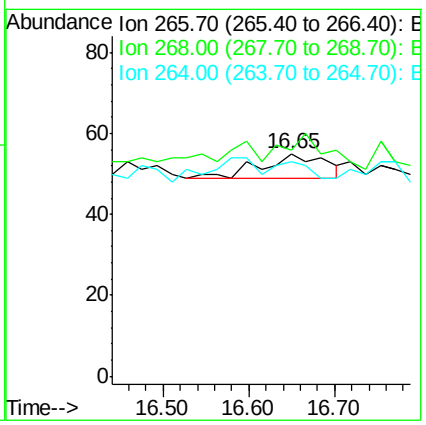


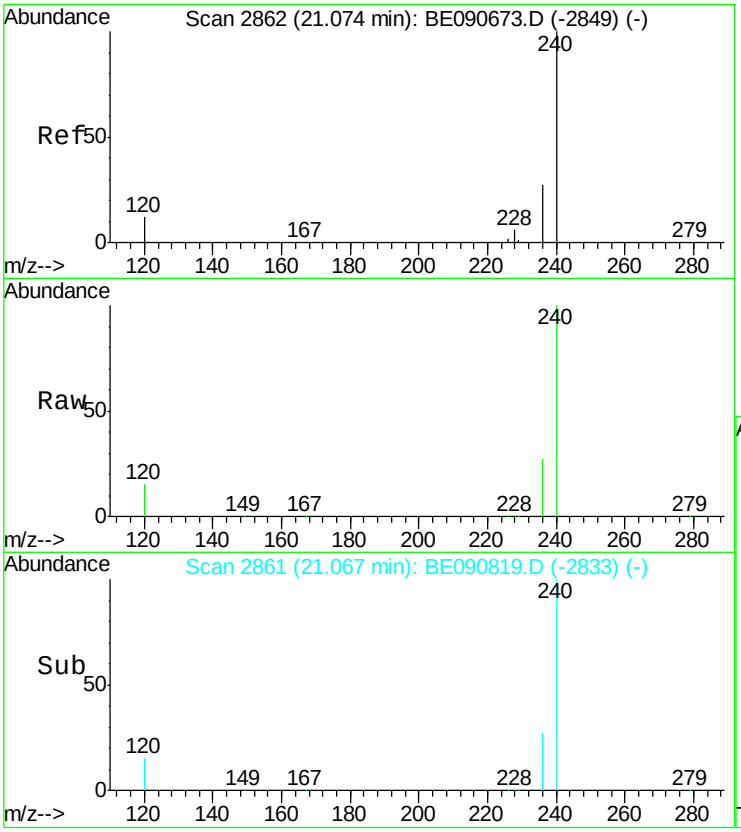


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.65 min Scan# 2261
Delta R.T. 0.05 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:266 Resp: 30

Ion	Ratio	Lower	Upper
266	100		
268	101.8	49.6	74.4#
264	96.4	53.9	80.9#



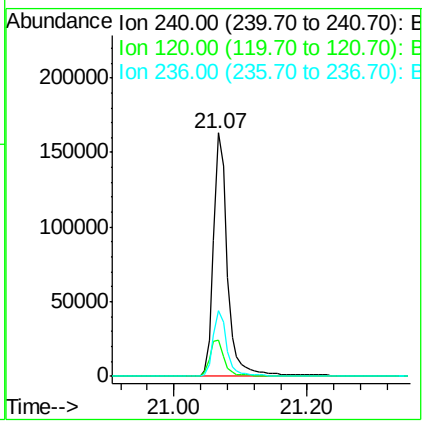


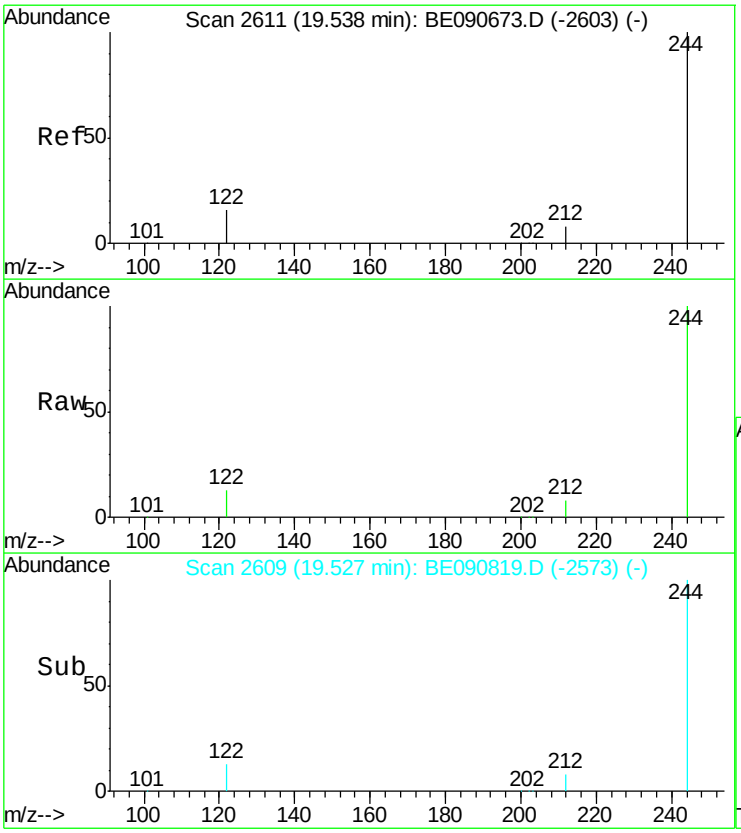
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:240 Resp: 233646

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.1	15.1
236	27.0	21.9	32.9

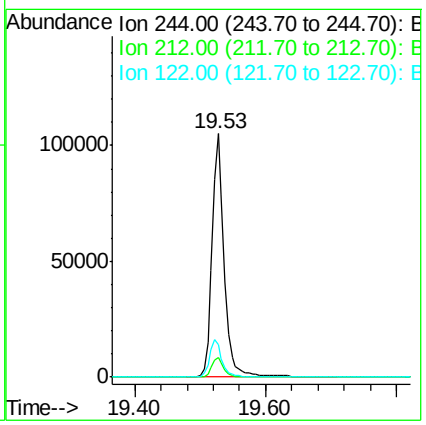


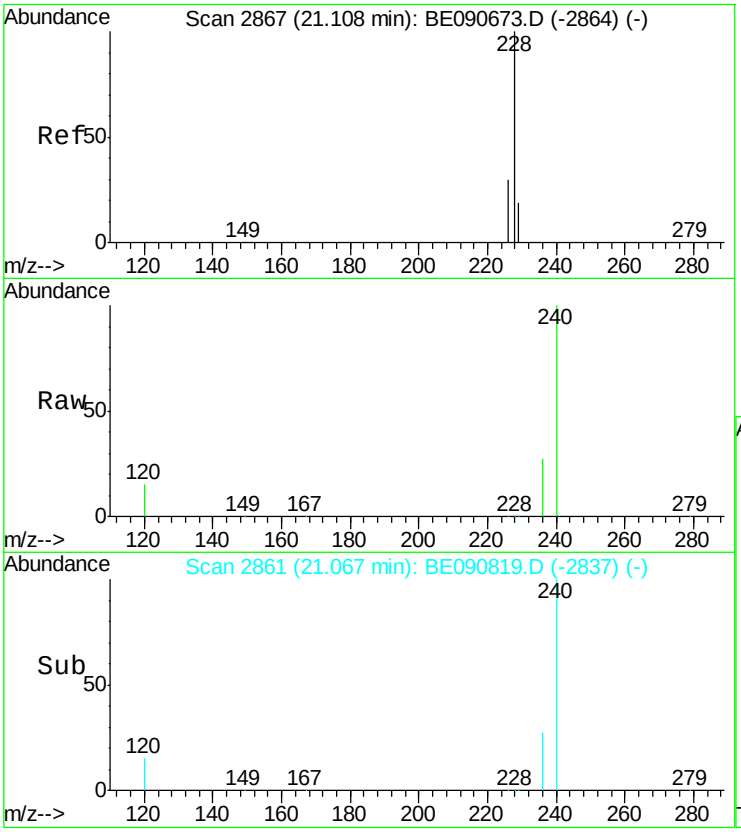


#27
Terphenyl-d14
Concen: 5.28 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:244 Resp: 136407

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	13.3	12.9	19.3



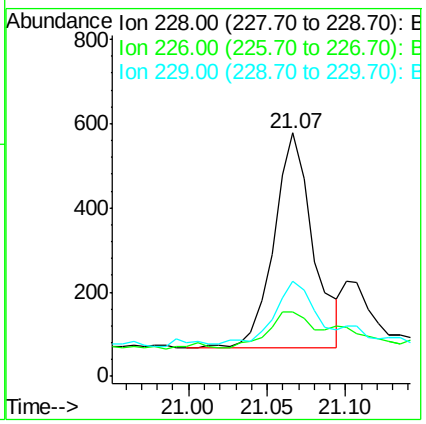


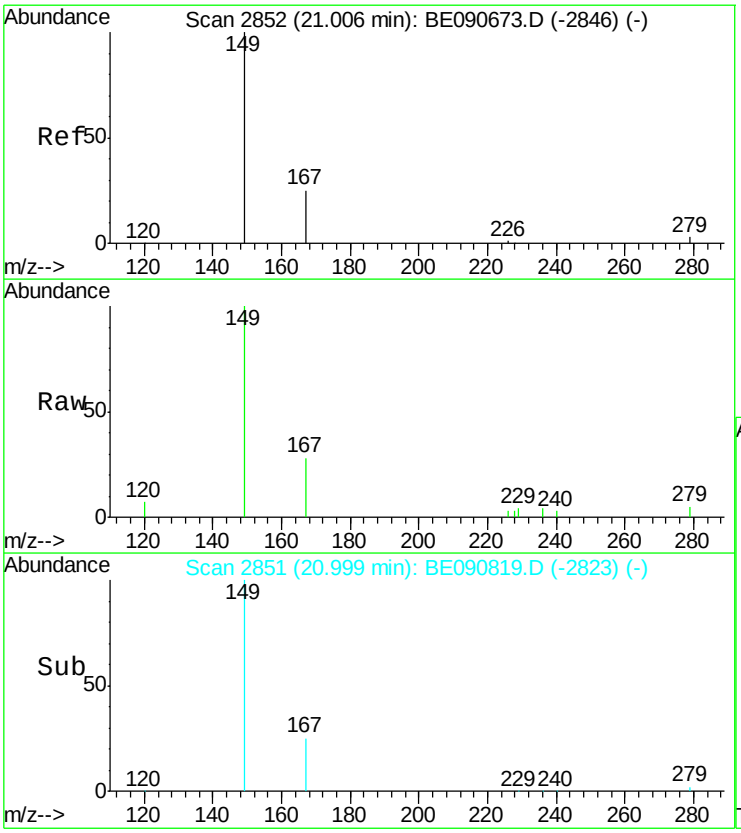
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2861
Delta R.T. -0.04 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:228 Resp: 890

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.2	36.4
229	39.3	15.3	22.9#

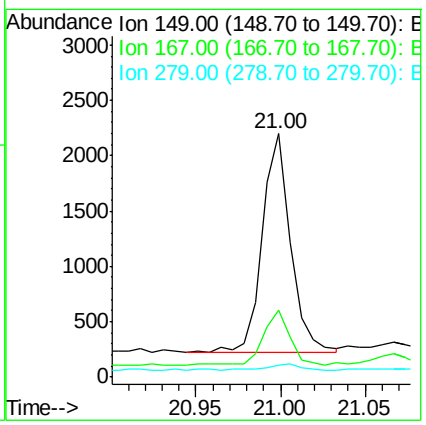


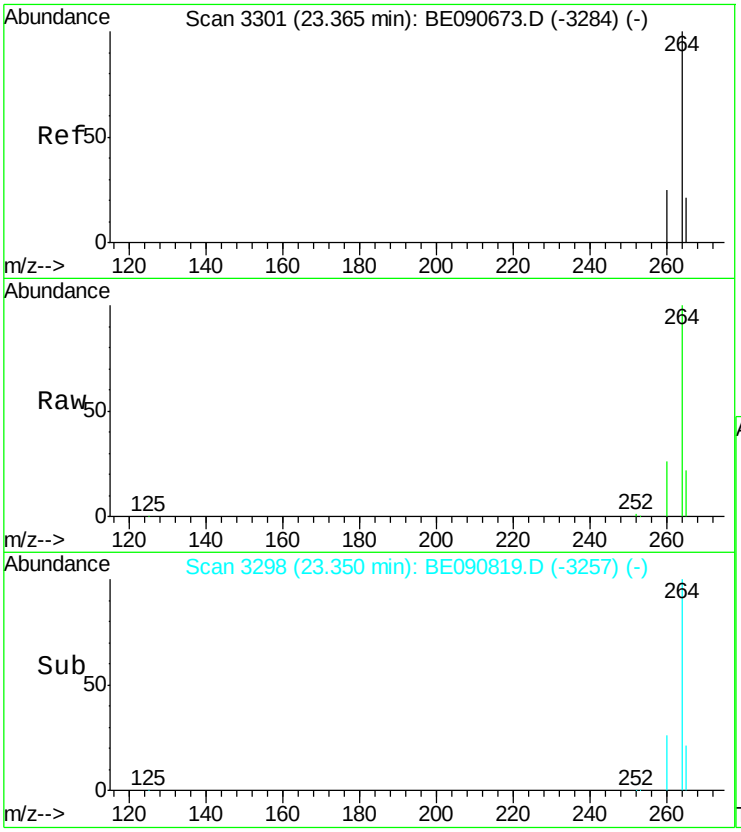


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:149 Resp: 2291

Ion	Ratio	Lower	Upper
149	100		
167	23.0	20.1	30.1
279	2.7	2.3	3.5



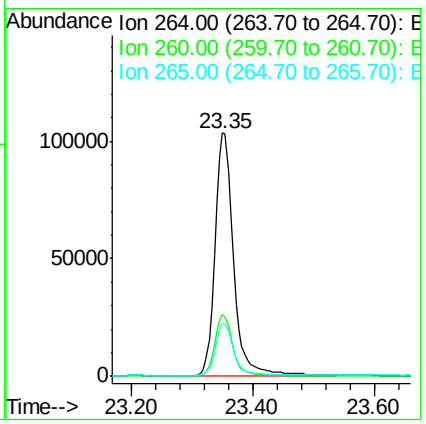


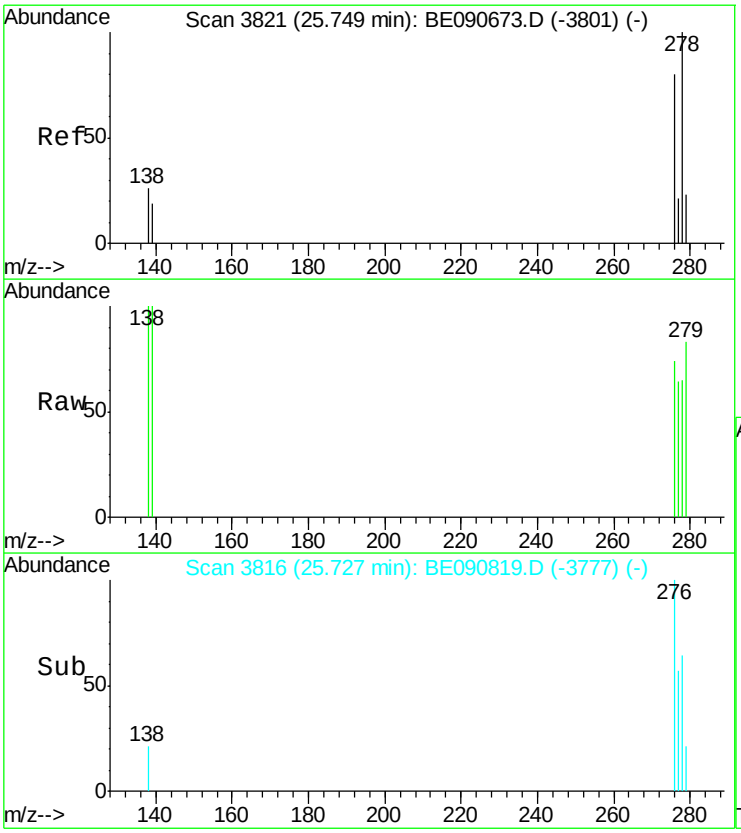
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-S

Tgt Ion:264 Resp: 222116

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	21.6	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BE090819.D
Acq: 15 Sep 2015 3:32

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	153.8	15.4	23.0#
279	127.7	18.8	28.2#