Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
Data File : BE092613.D
Acq On : 19 Dec 2016 18:32
Operator : UM/SJ
Sample : H6064-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS033-161213

Quant Time: Dec 20 00:53:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7934	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	34715	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23588	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51823	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70001	5.00	ng	0.00
31) Perylene-d12	24.06	264	64301	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	5785	3.84	ng	-0.03
5) Phenol-d6	7.34	99	4052	1.87	ng	-0.04
8) Nitrobenzene-d5	9.34	82	9463	3.98	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	5237	7.69	ng	-0.02
14) 2-Fluorobiphenyl	13.42	172	25611	4.54	ng	-0.01
26) Terphenyl-d14	20.16	244	45116	5.26	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	44	Below Cal	#	19
3) n-Nitrosodimethylamine	3.87	42	90	0.26	ng	# 2
6) bis(2-Chloroethyl)ether	7.66	93	28	0.12	ng	# 1
19) Hexachlorobenzene	16.66	284	283	0.13	ng	# 12
20) Pentachlorophenol	17.14	266	1	Below Cal	#	70
29) Bis(2-ethylhexyl)phthalate	21.61	149	693	0.17	ng	# 77

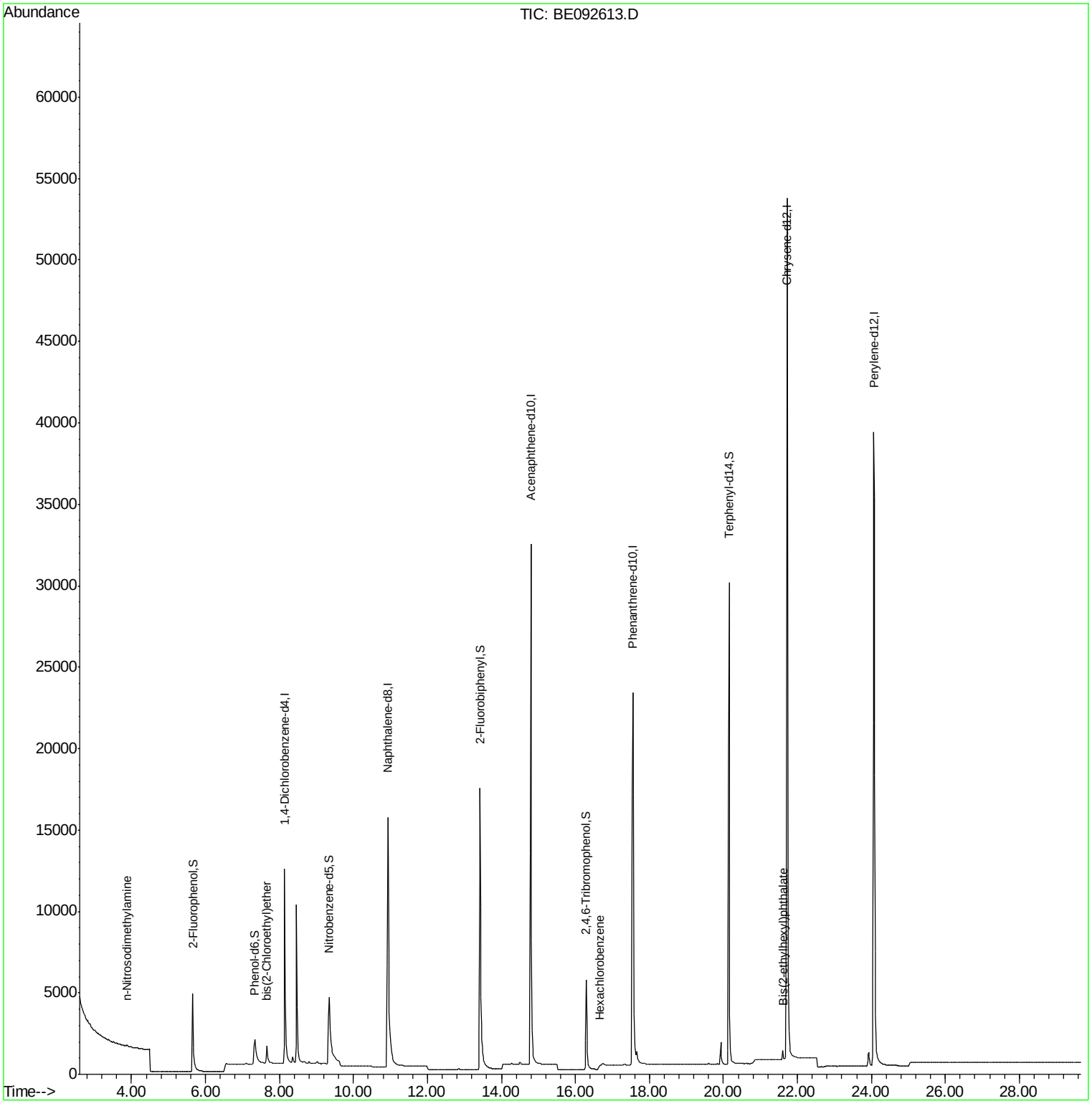
(#) = qualifier out of range (m) = manual integration (+) = signals summed

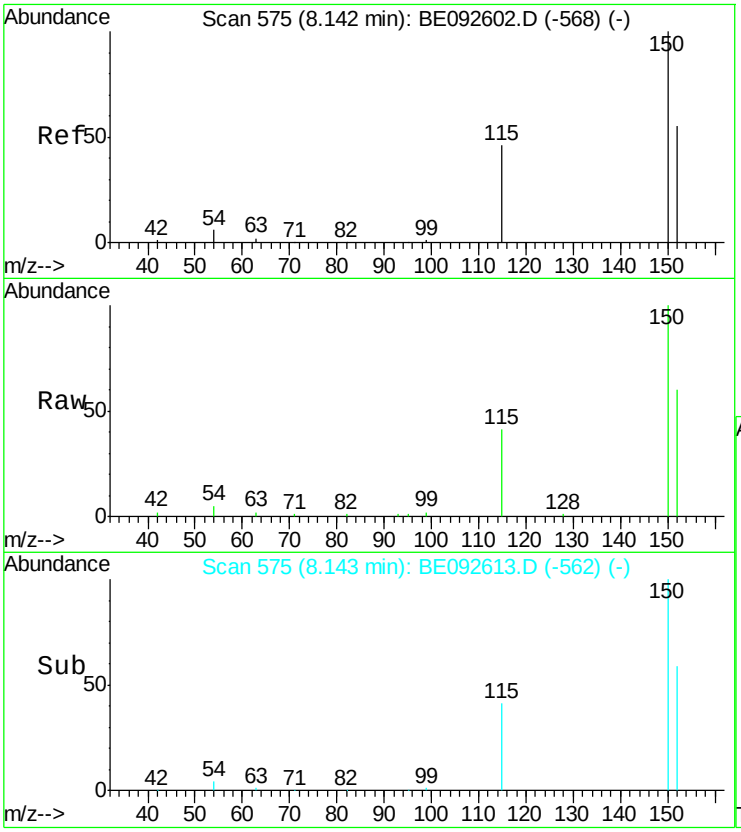
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
Data File : BE092613.D
Acq On : 19 Dec 2016 18:32
Operator : UM/SJ
Sample : H6064-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Quant Time: Dec 20 00:53:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



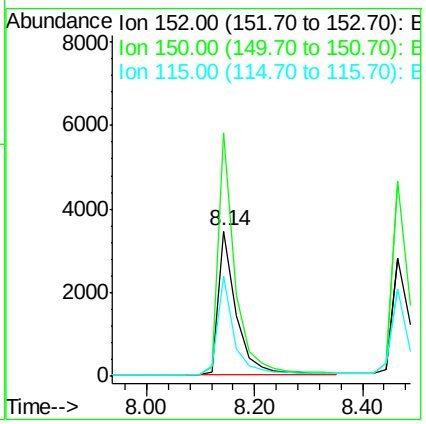


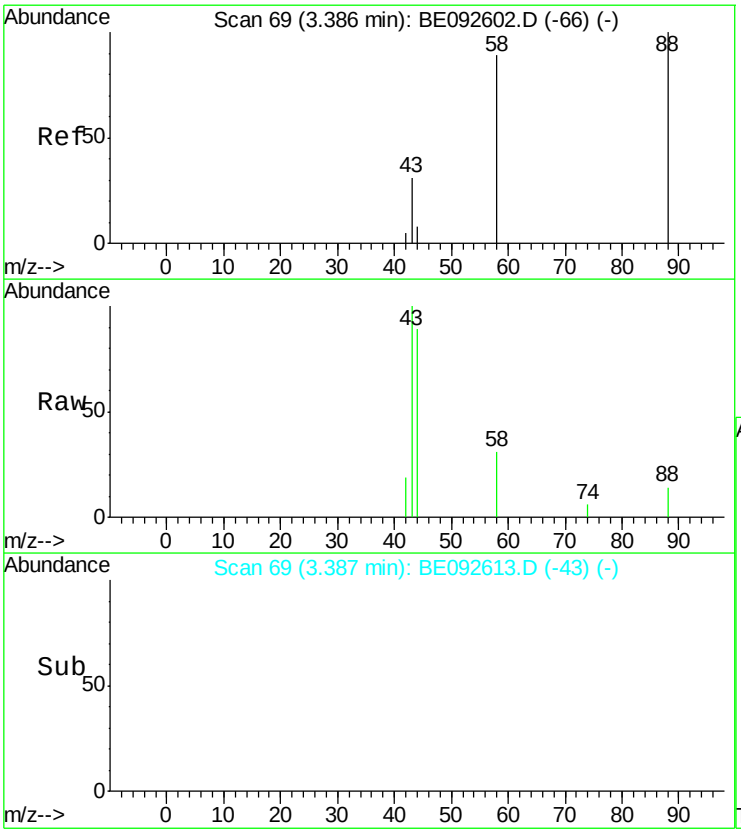
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:152 Resp: 7934

Ion	Ratio	Lower	Upper
152	100		
150	167.2	106.0	159.0#
115	69.3	31.2	46.8#

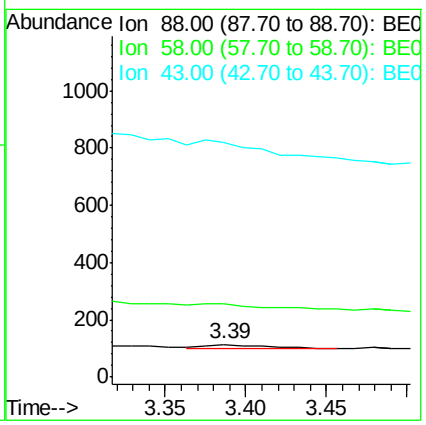


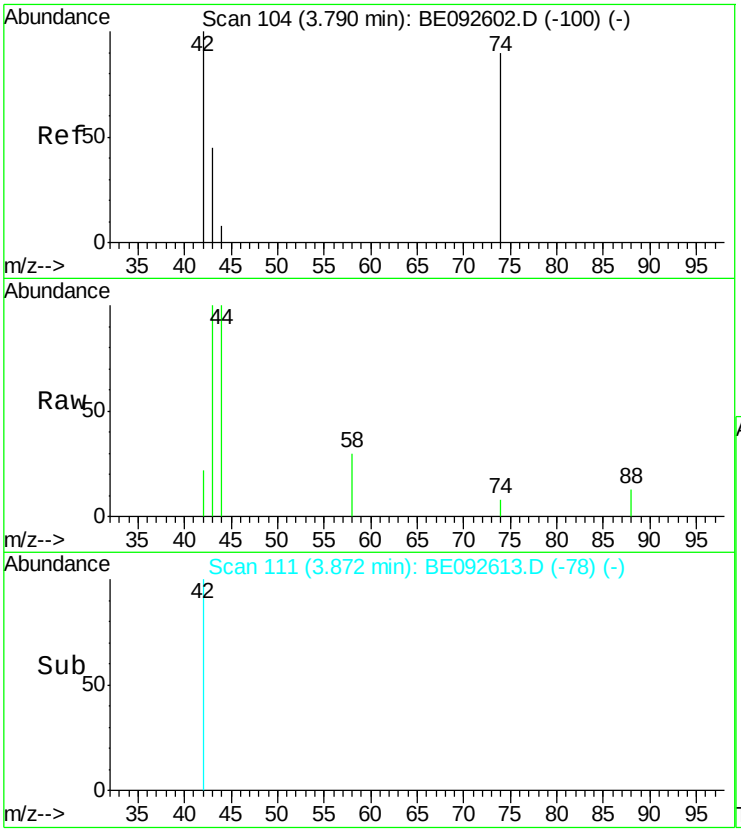


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



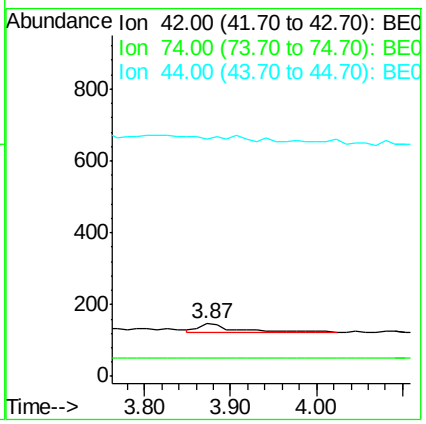


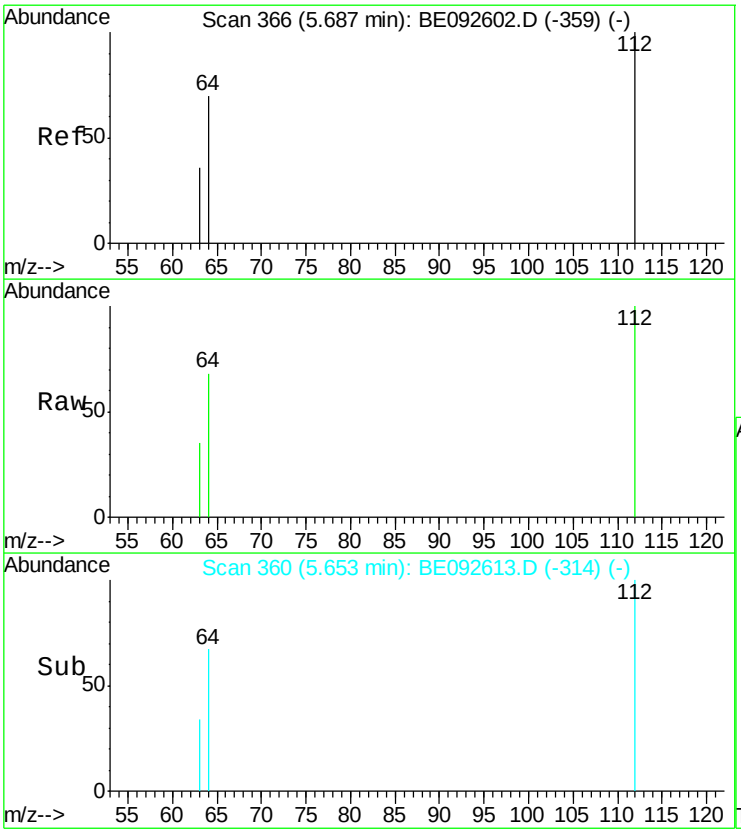
#3
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.87 min Scan# 111
Delta R.T. 0.08 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion: 42 Resp: 90

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	0.0	5.1	7.7#

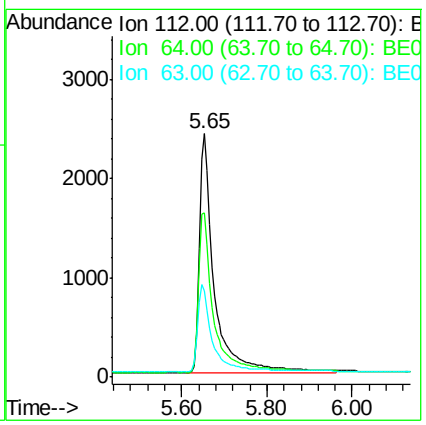


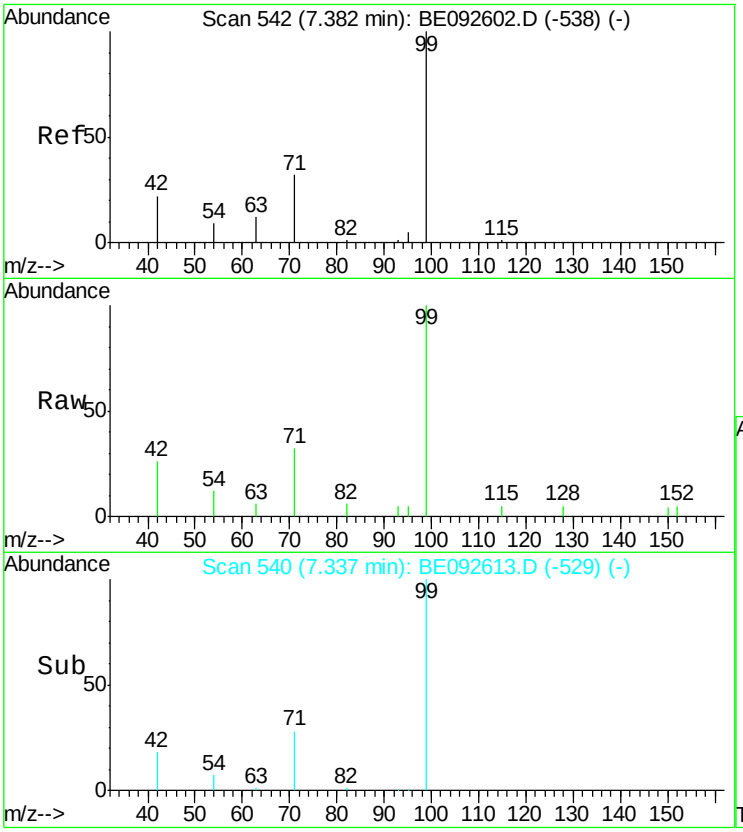


#4
2-Fluorophenol
Concen: 3.84 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.03 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:112 Resp: 5785

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	36.6	27.9	41.9



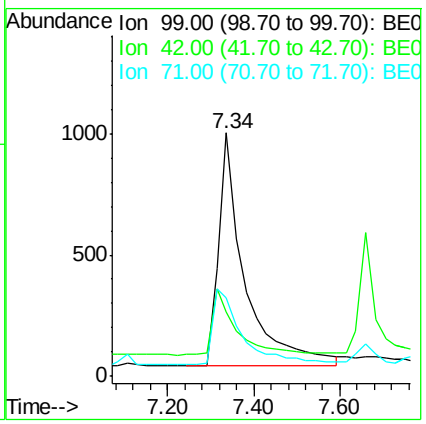


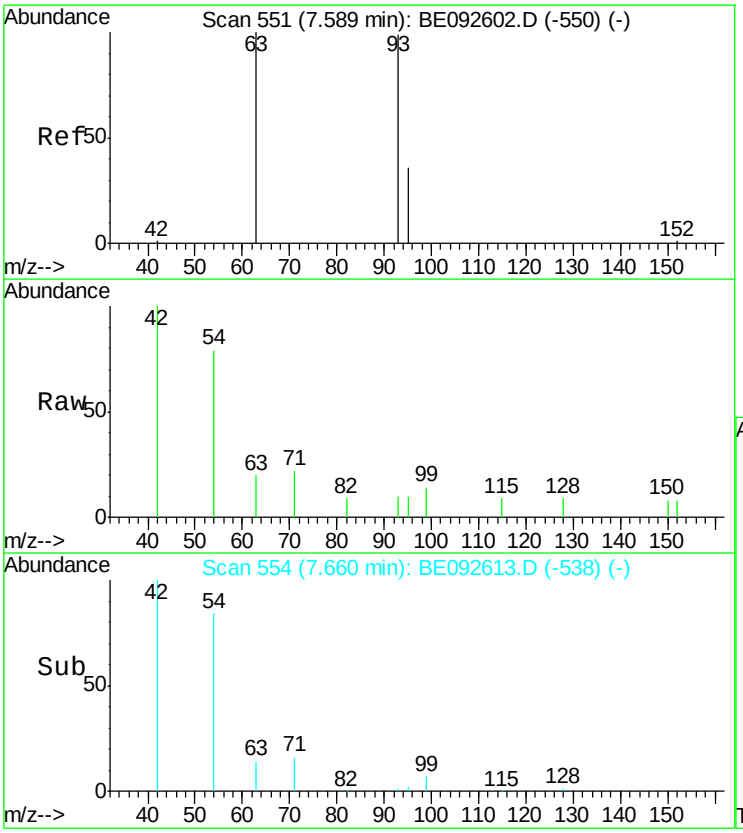
#5
Phenol-d6
Concen: 1.87 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.04 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion: 99 Resp: 4052

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

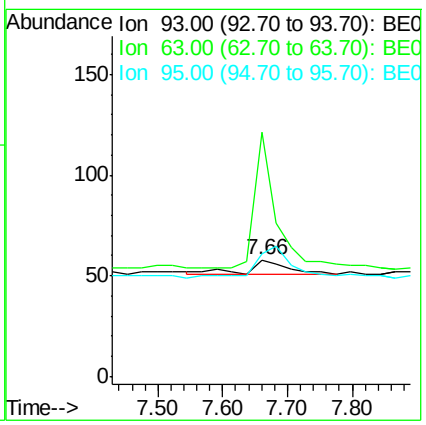


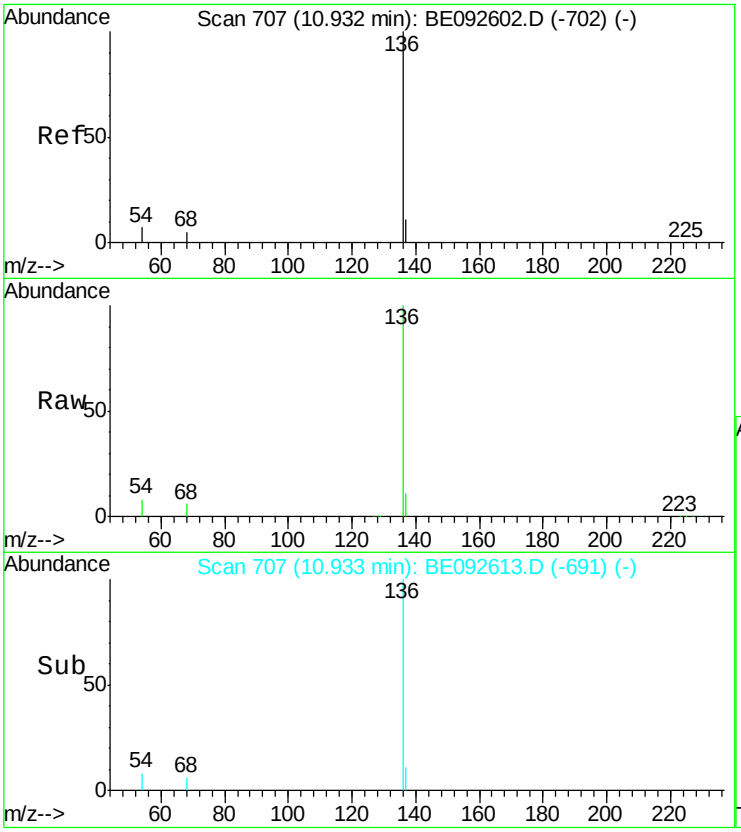


#6
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.66 min Scan# 554
Delta R.T. 0.07 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion: 93 Resp: 28

Ion	Ratio	Lower	Upper
93	100		
63	546.4	71.6	107.4#
95	0.0	24.0	36.0#



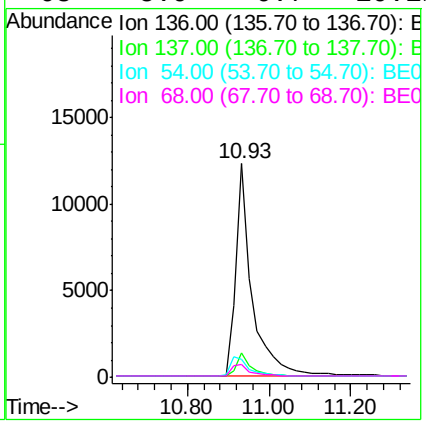


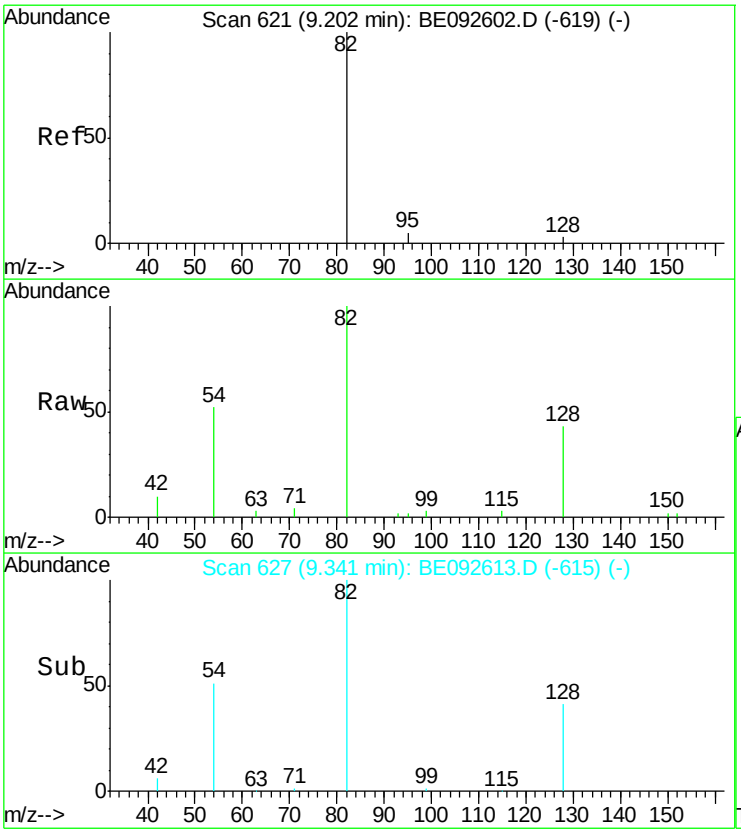
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:136 Resp: 34715

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	8.3	9.6	14.4#
68	5.9	6.7	10.1#

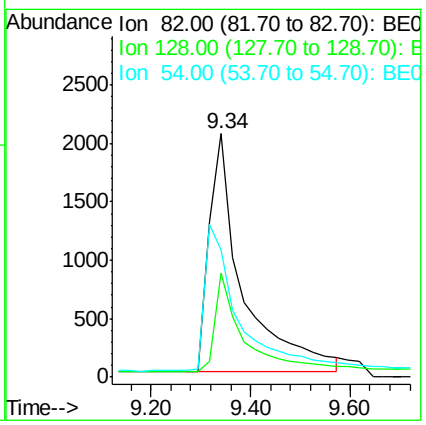


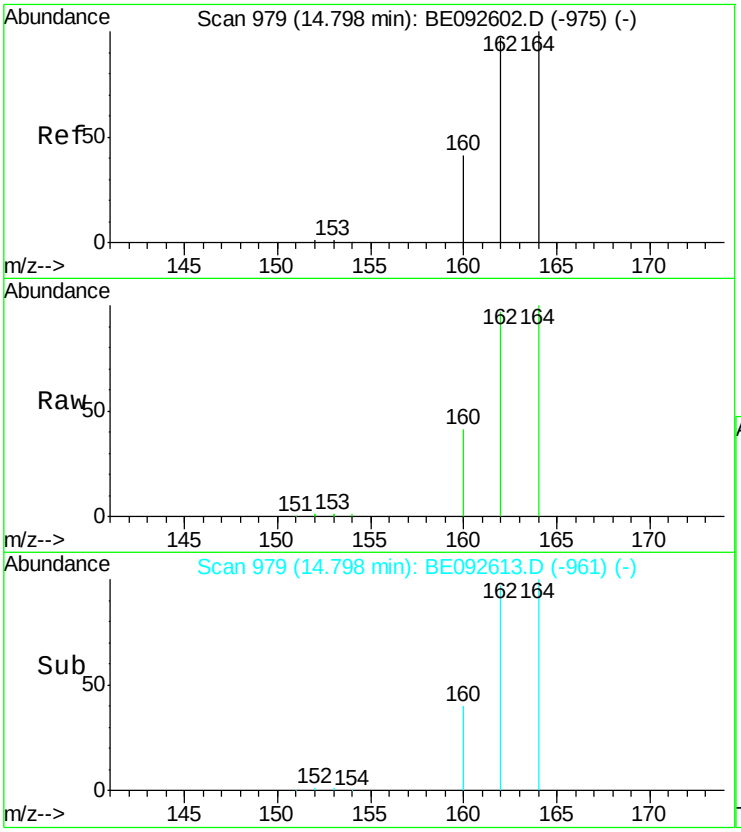


#8
Nitrobenzene-d5
Concen: 3.98 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion: 82 Resp: 9463

Ion	Ratio	Lower	Upper
82	100		
128	42.8	39.0	58.4
54	52.1	44.8	67.2



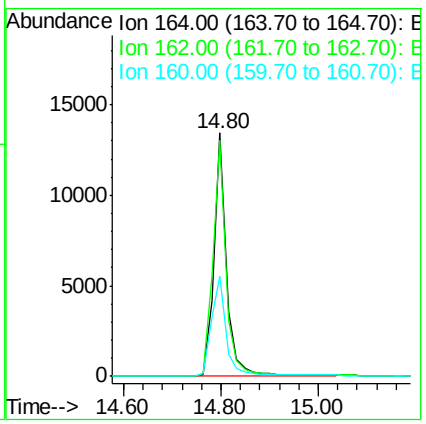


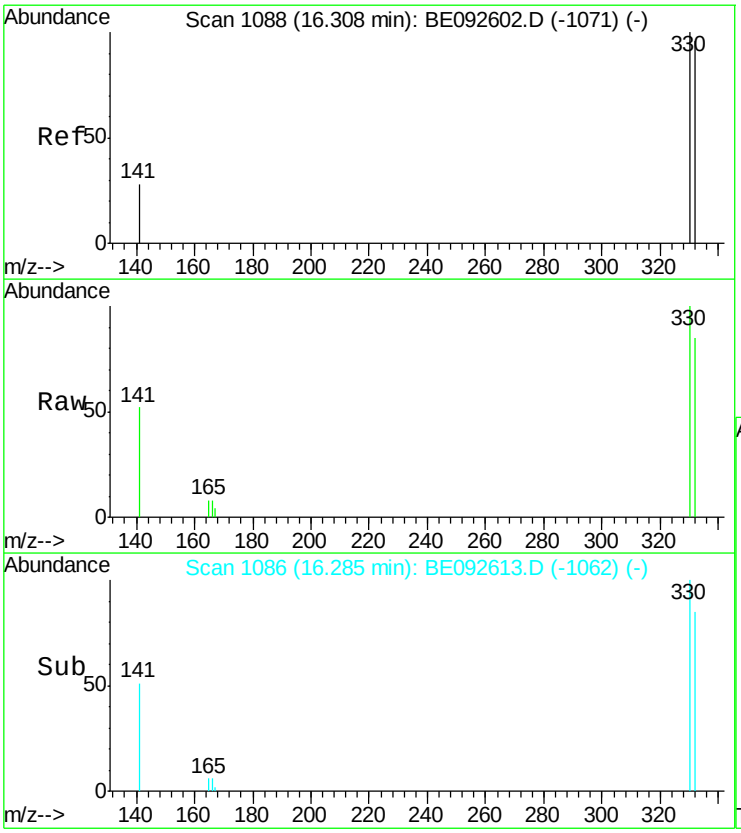
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:164 Resp: 23588

Ion	Ratio	Lower	Upper
164	100		
162	97.0	71.4	107.0
160	41.3	27.4	41.2#

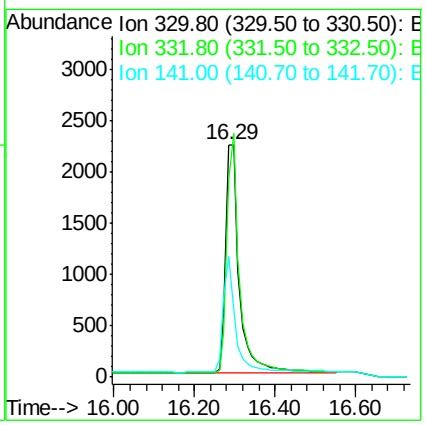


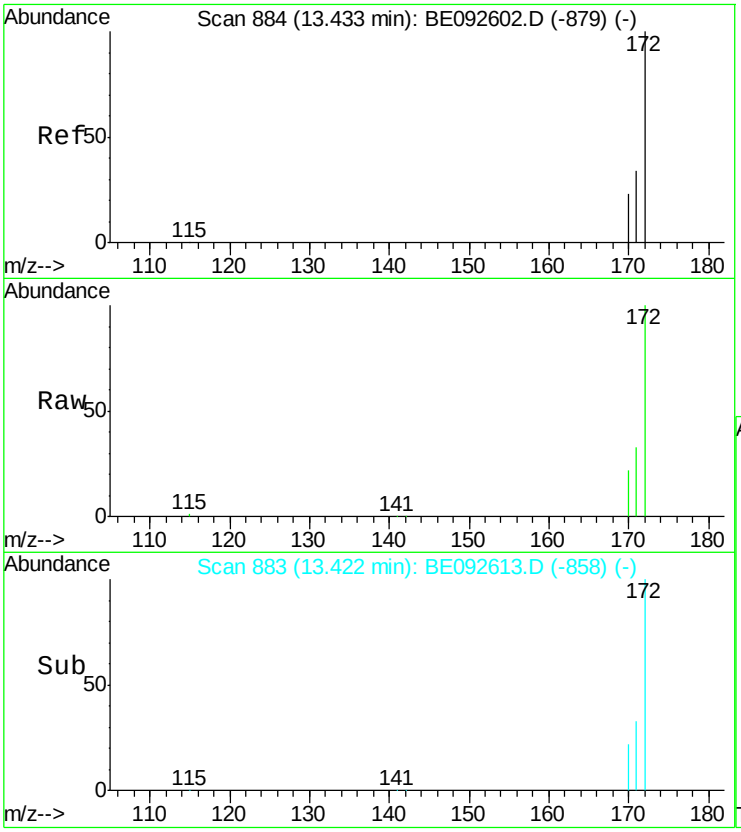


#13
2,4,6-Tribromophenol
Concen: 7.69 ng
RT: 16.29 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:330 Resp: 5237

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	44.3	31.0	46.6



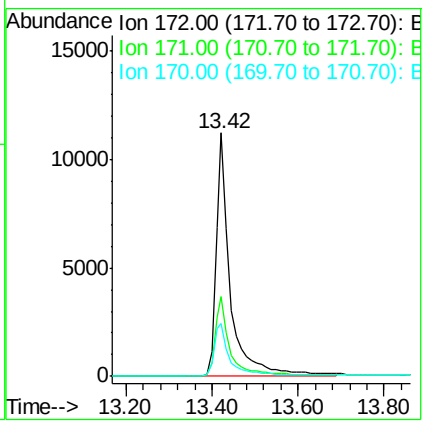


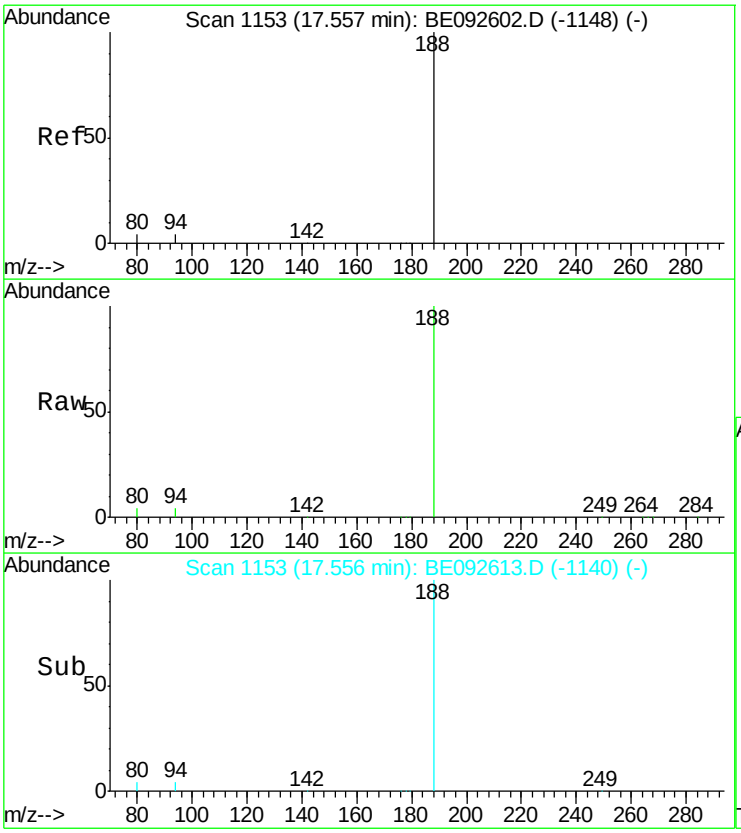
#14
2-Fluorobiphenyl
Concen: 4.54 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:172 Resp: 25611

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.1	45.1
170	21.9	21.8	32.6

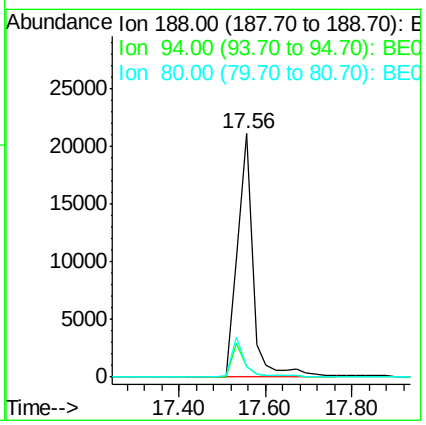


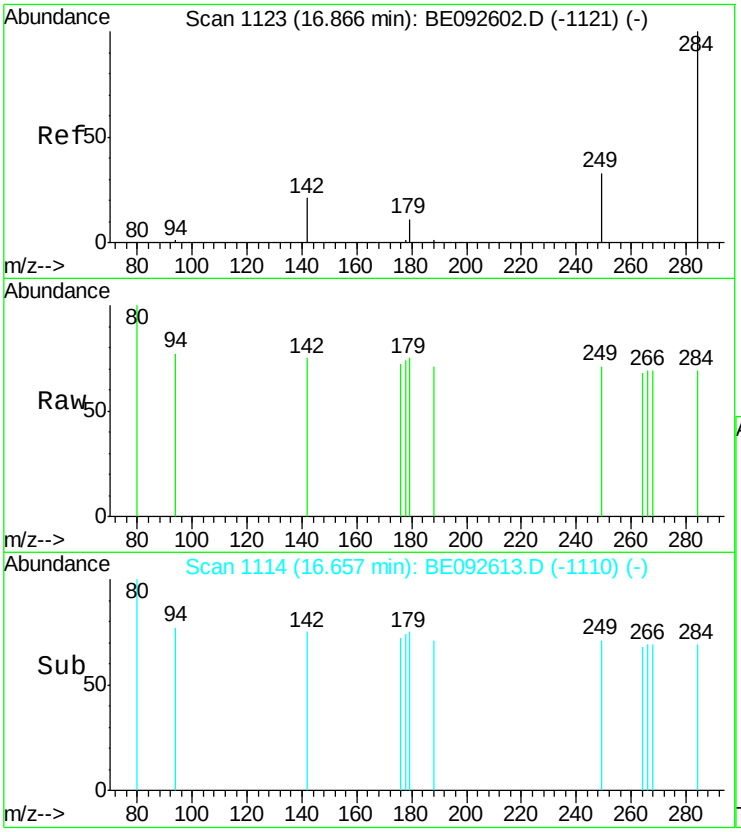


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:188 Resp: 51823

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.2	4.8
80	4.2	2.6	3.8#



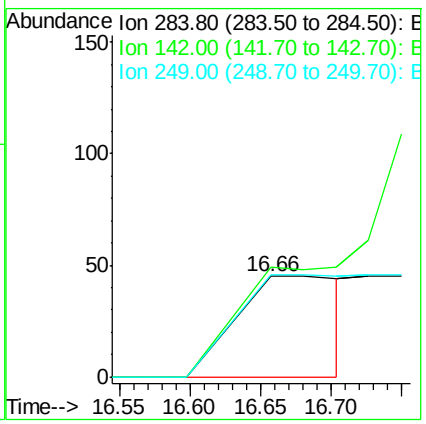


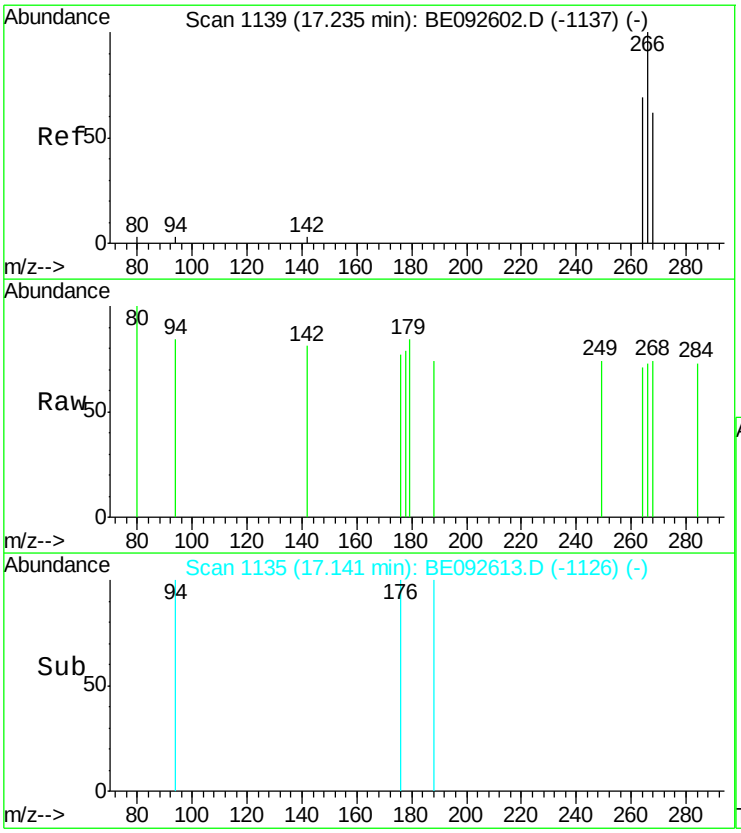
#19
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:284 Resp: 283

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	102.1	27.9	41.9#

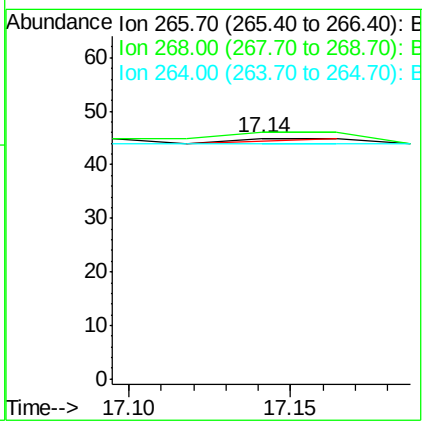


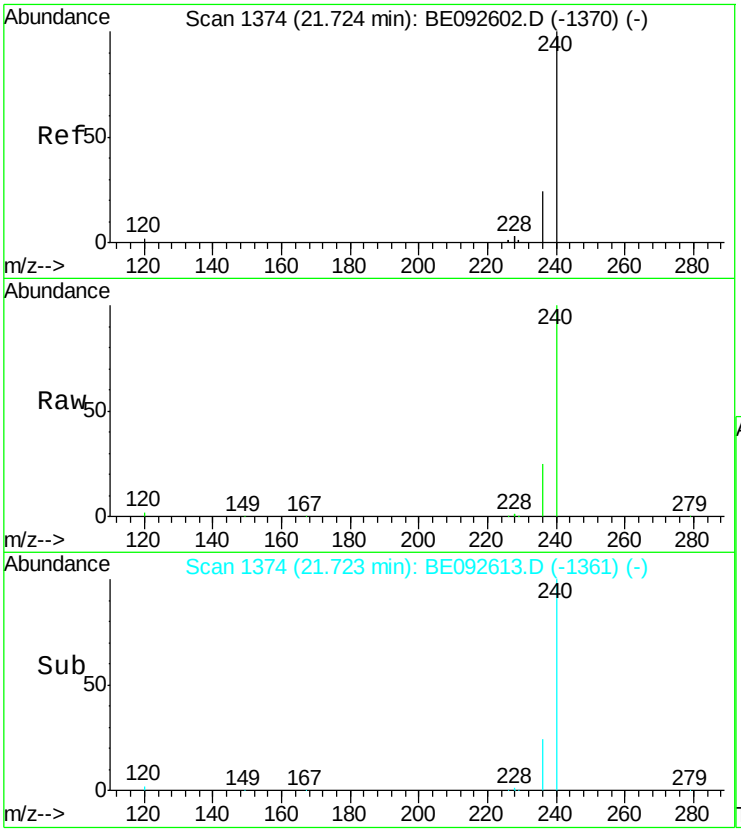


#20
Pentachlorophenol
Concen: Below Cal
RT: 17.14 min Scan# 1135
Delta R.T. -0.09 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	102.2	62.5	93.7#
264	97.8	57.2	85.8#



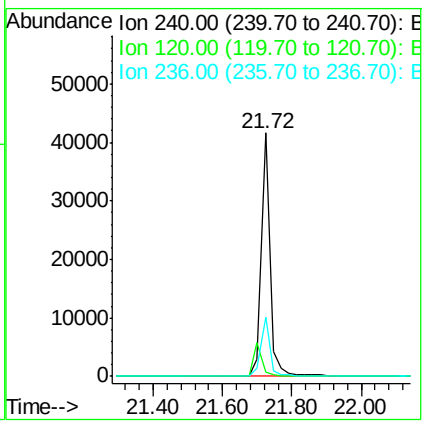


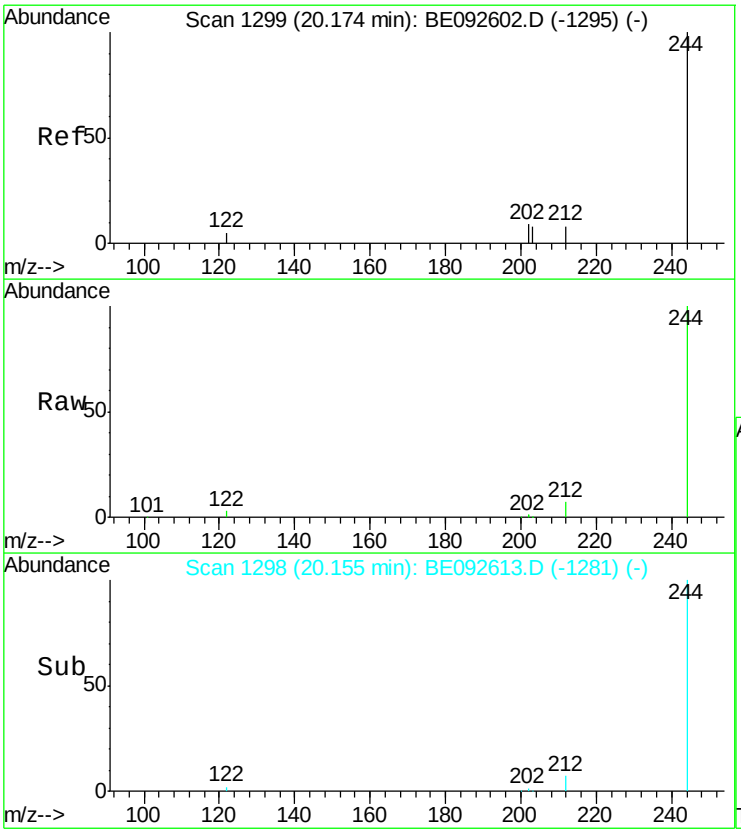
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:240 Resp: 70001

Ion	Ratio	Lower	Upper
240	100		
120	1.9	2.6	4.0#
236	24.6	24.6	37.0#

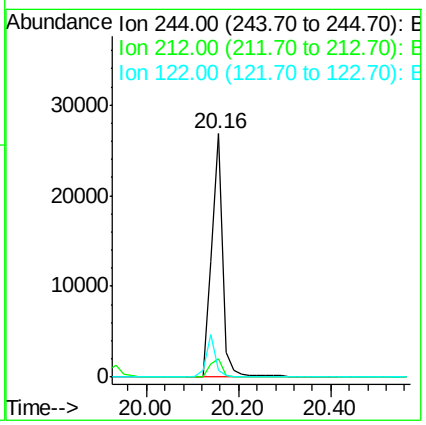


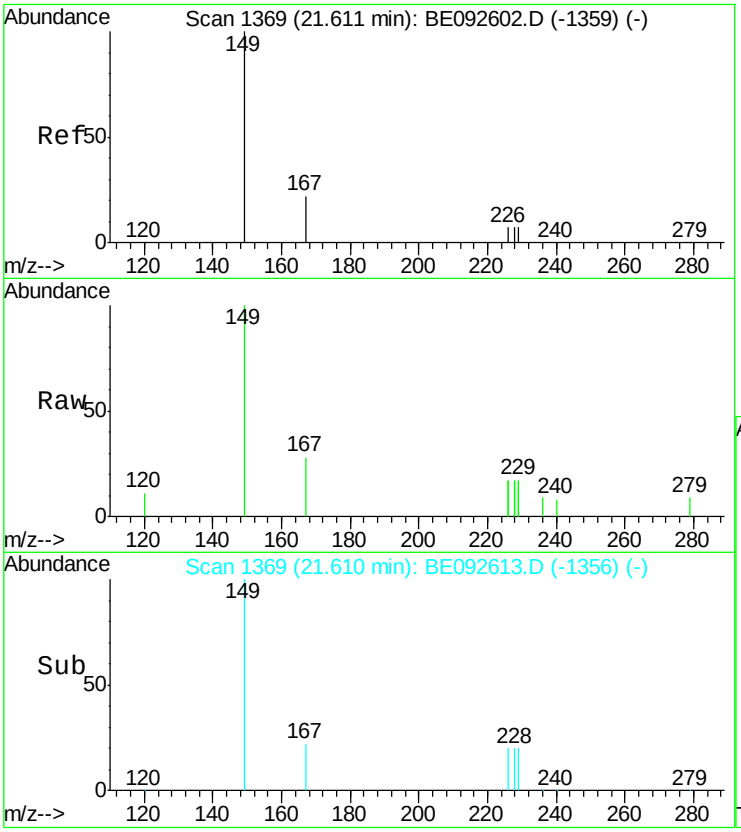


#26
Terphenyl-d14
Concen: 5.26 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:244 Resp: 45116

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.7	10.1
122	2.6	3.6	5.4#



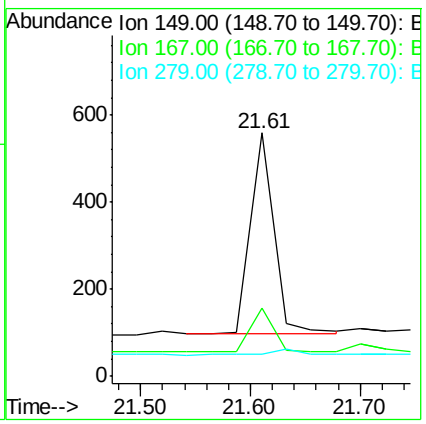


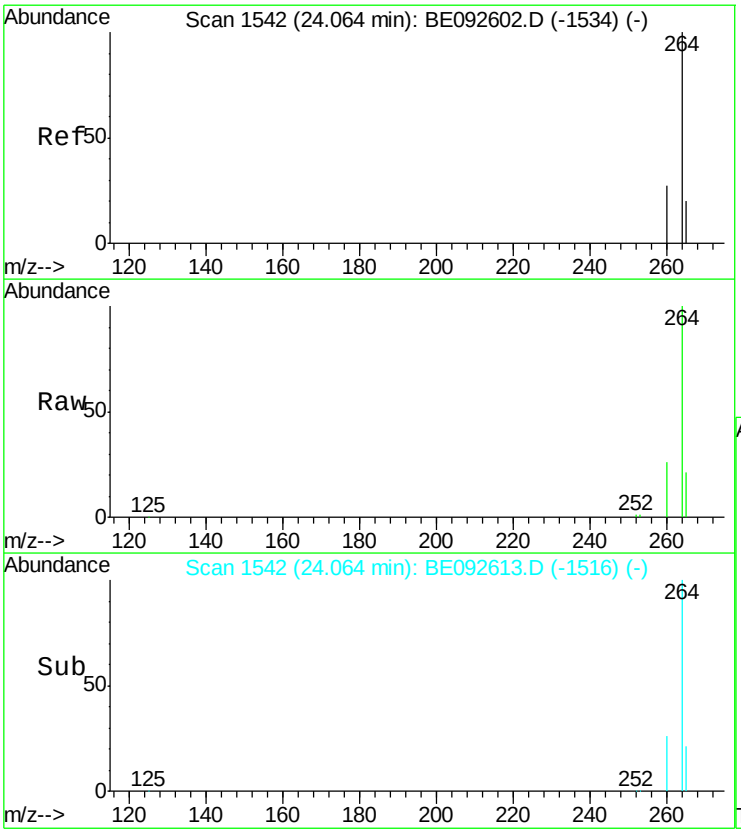
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Instrument :
BNA_E
ClientSampleId :
KY038PS033-161213

Tgt Ion:149 Resp: 693

Ion	Ratio	Lower	Upper
149	100		
167	20.9	16.0	24.0
279	0.0	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092613.D
Acq: 19 Dec 2016 18:32

Tgt Ion:264 Resp: 64301

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	21.2	17.9	26.9