Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092638.D
Acq On : 11 Jan 2017 13:04
Operator : UM/SJ
Sample : PB95910BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB95910BL

Quant Time: Jan 11 16:43:58 2017
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	9027	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36853	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22144	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	43173	5.00	ng	0.00
24) Chrysene-d12	21.72	240	55440	5.00	ng	0.00
31) Perylene-d12	24.08	264	54567	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	15954	9.11	ng	-0.04
5) Phenol-d6	7.31	99	19219	7.27	ng	-0.07
8) Nitrobenzene-d5	9.34	82	8281	3.31	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3149	4.99	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	21277	4.02	ng	-0.01
26) Terphenyl-d14	20.16	244	27052	3.98	ng	-0.02
Target Compounds						Qvalue

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

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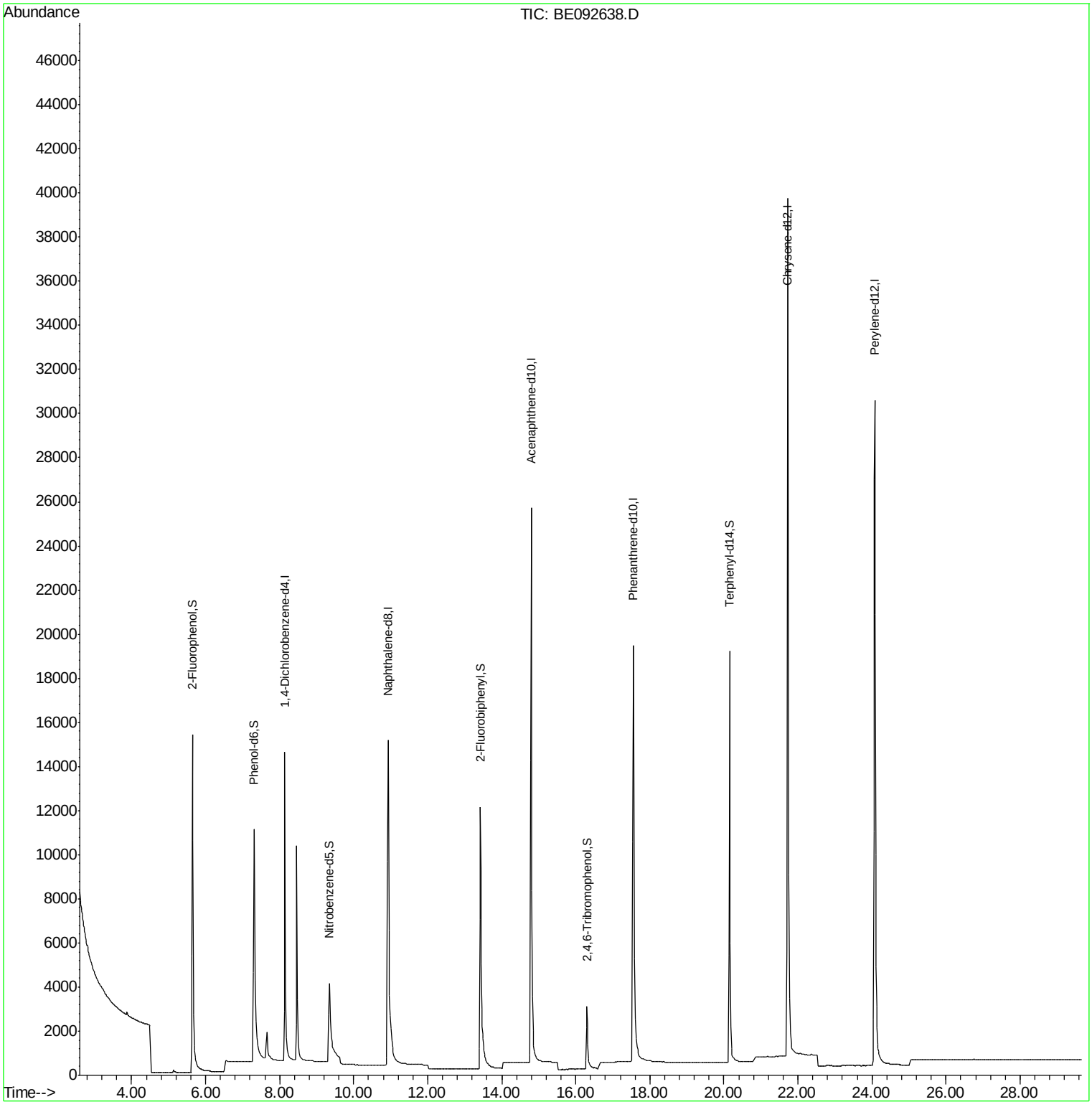
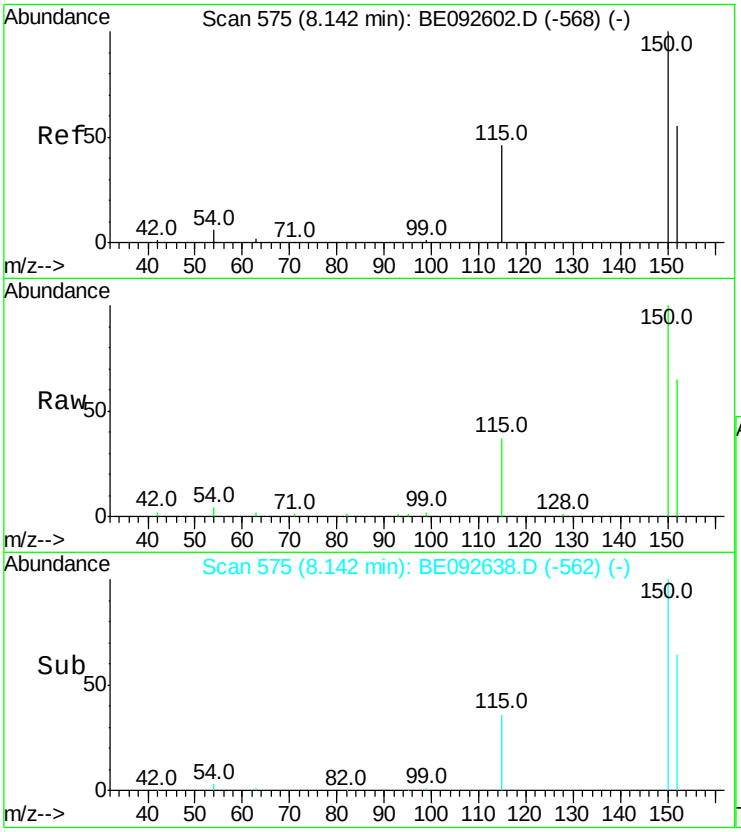


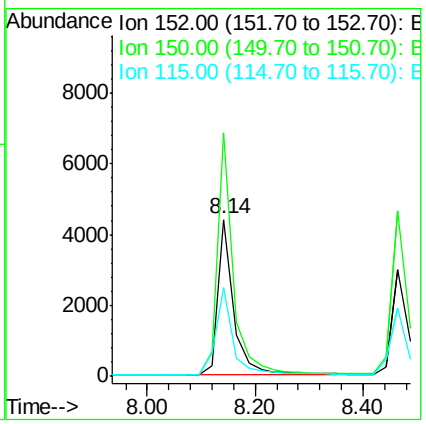


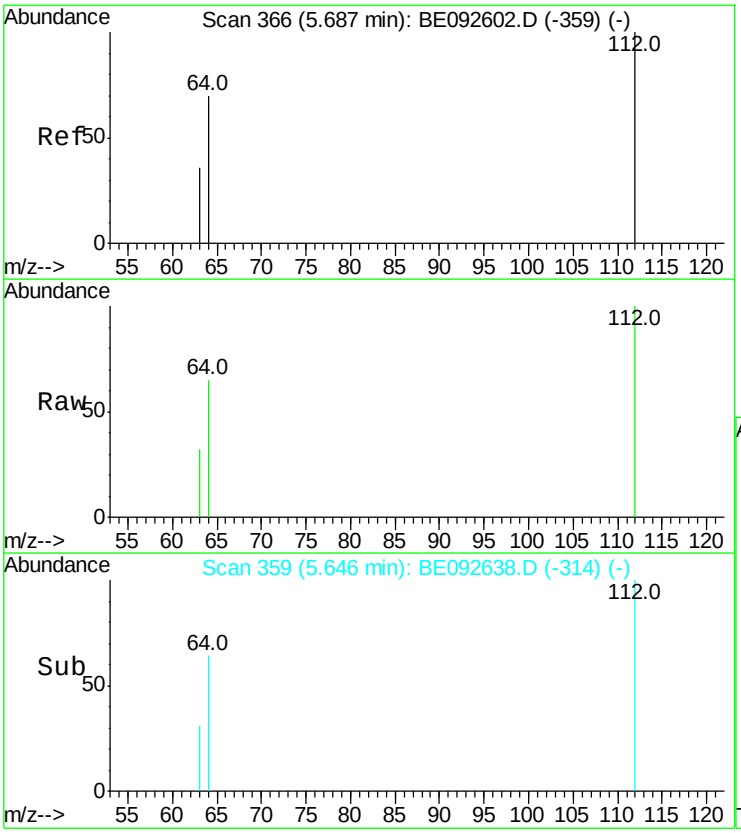
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion:152 Resp: 9027

Ion	Ratio	Lower	Upper
152	100		
150	155.0	106.0	159.0
115	56.6	31.2	46.8#

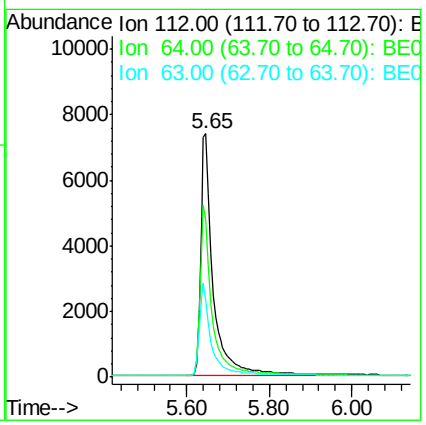


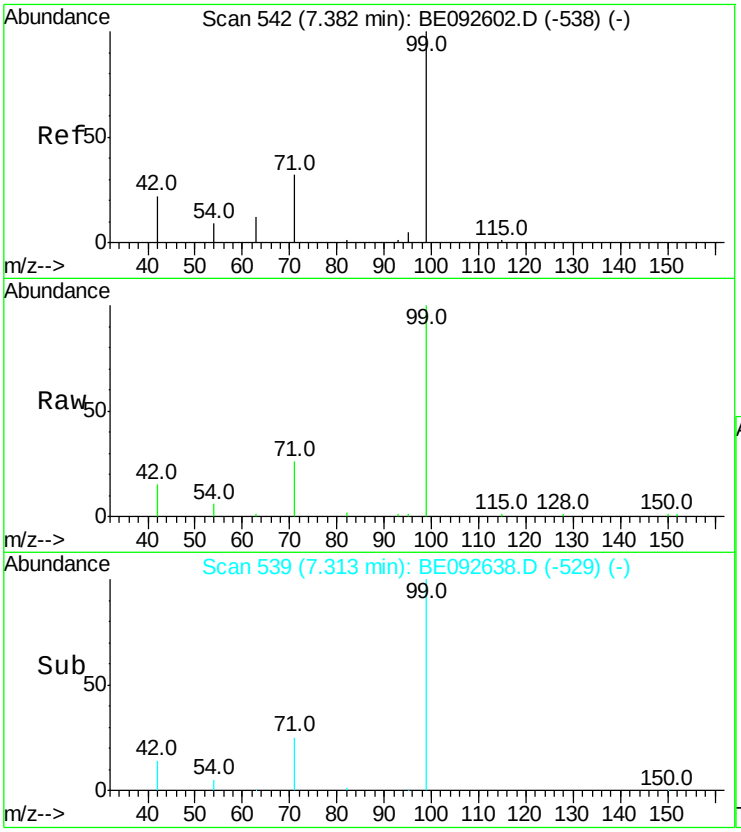


#4
2-Fluorophenol
Concen: 9.11 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.04 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:112 Resp: 15954

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.5	80.3
63	36.7	27.9	41.9



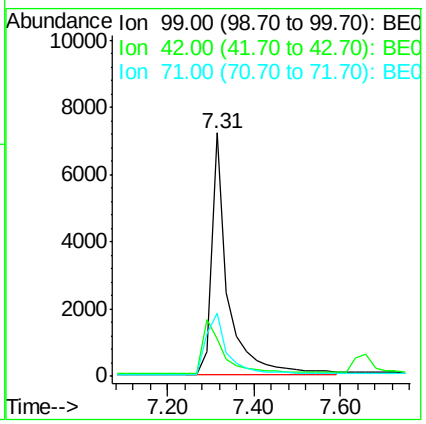


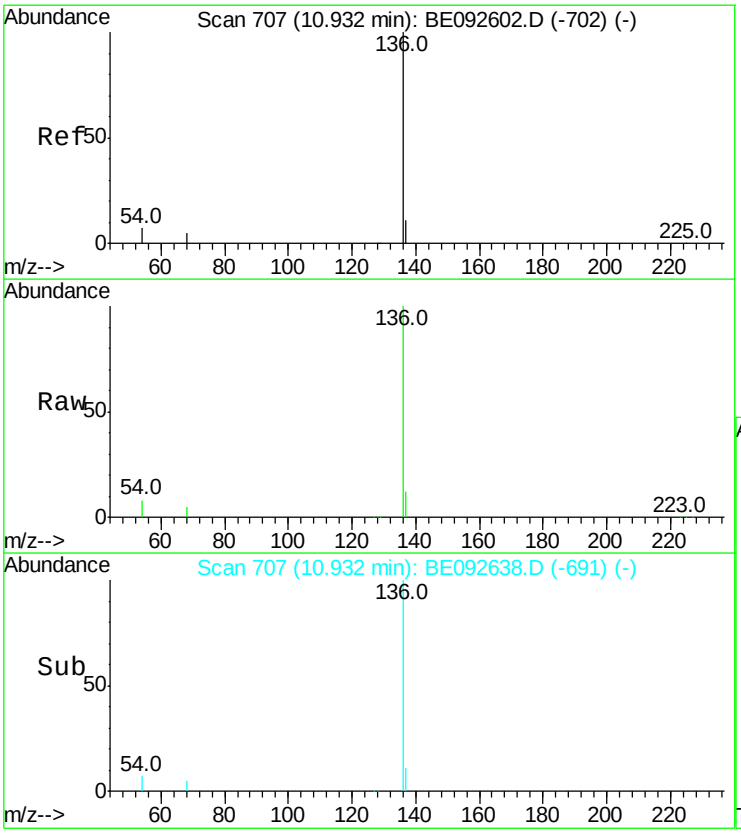
#5
Phenol-d6
Concen: 7.27 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion: 99 Resp: 19219

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.5	30.6	45.8

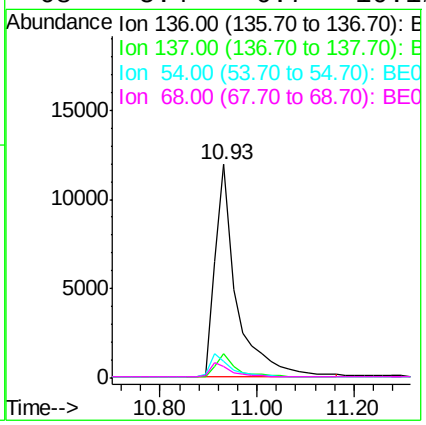


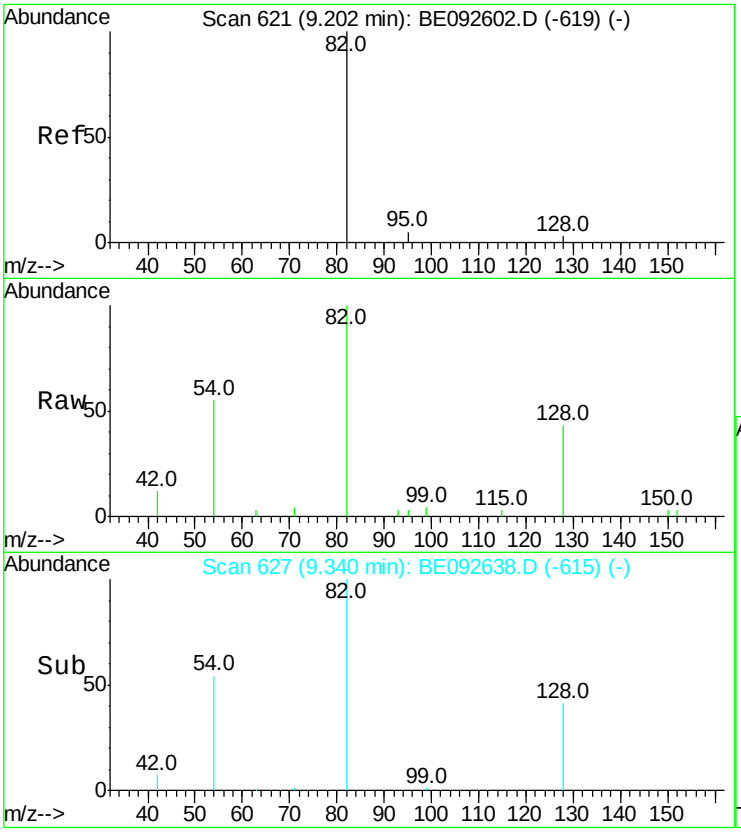


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:136 Resp: 36853

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	7.6	9.6	14.4#
68	5.4	6.7	10.1#



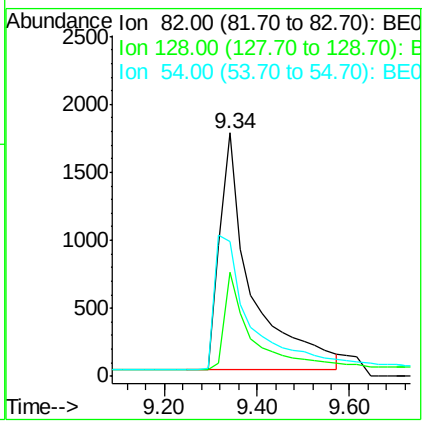


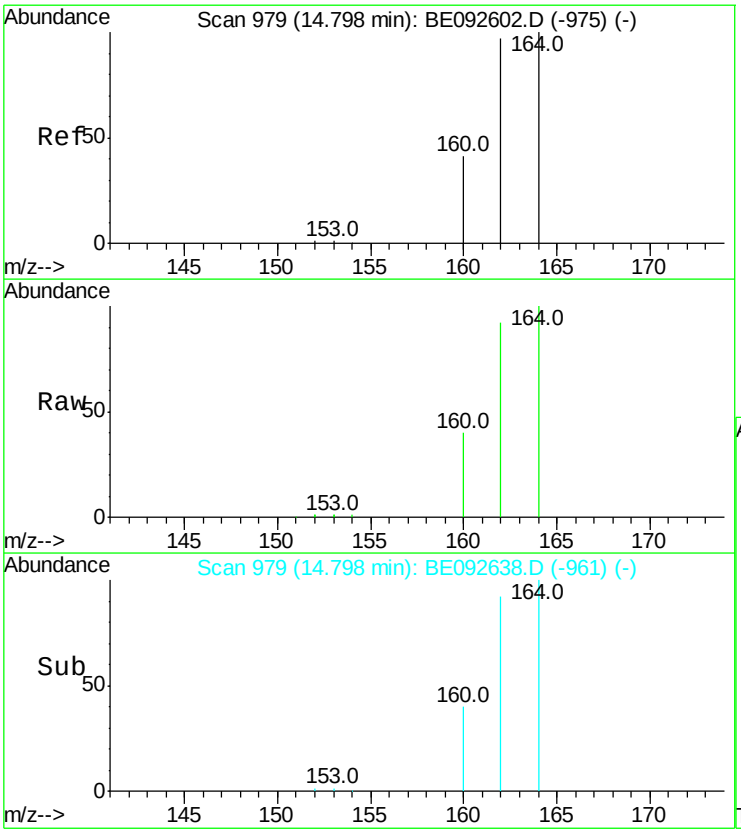
#8
Nitrobenzene-d5
Concen: 3.31 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion: 82 Resp: 8281

Ion	Ratio	Lower	Upper
82	100		
128	42.5	39.0	58.4
54	55.2	44.8	67.2

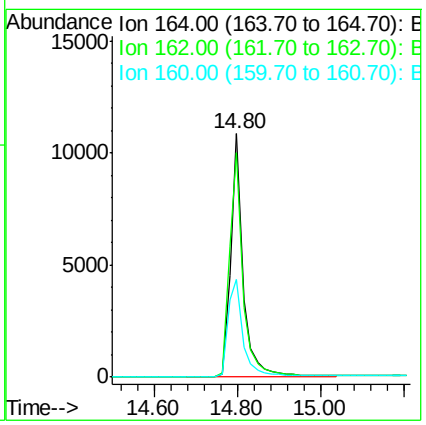


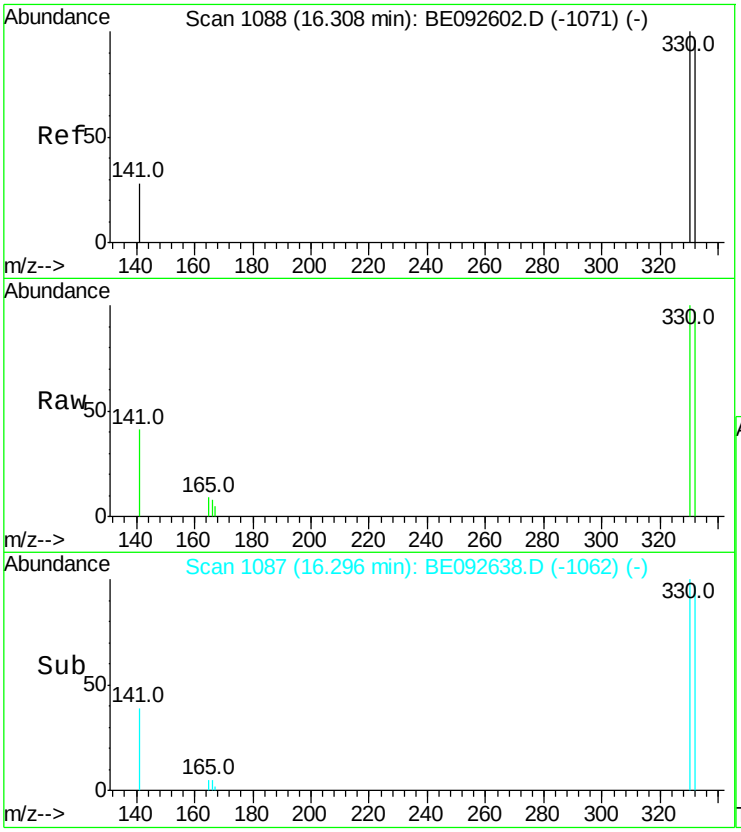


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:164 Resp: 22144

Ion	Ratio	Lower	Upper
164	100		
162	92.4	71.4	107.0
160	39.9	27.4	41.2



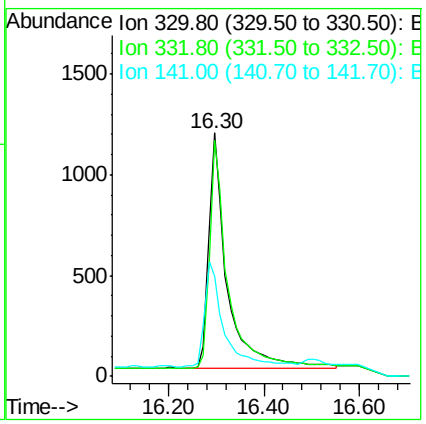


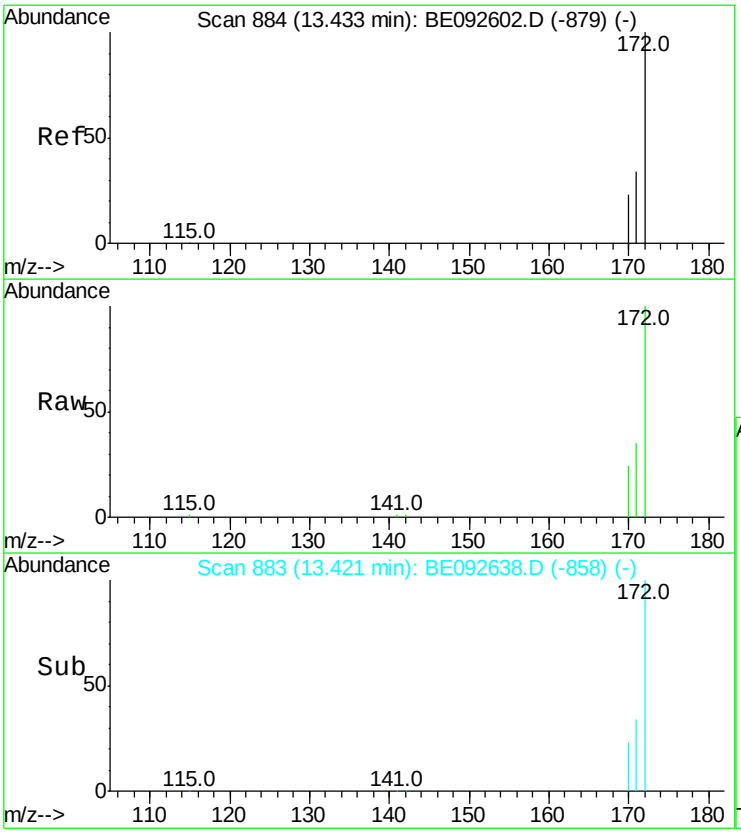
#13
2,4,6-Tribromophenol
Concen: 4.99 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion:330 Resp: 3149

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	45.7	31.0	46.6

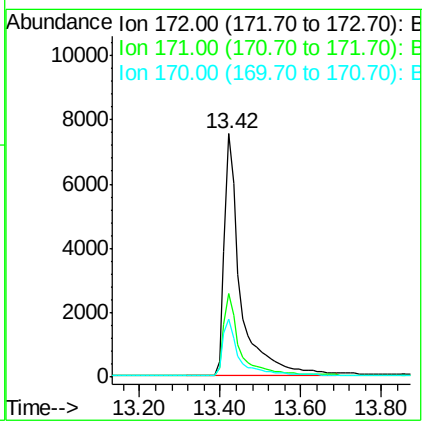


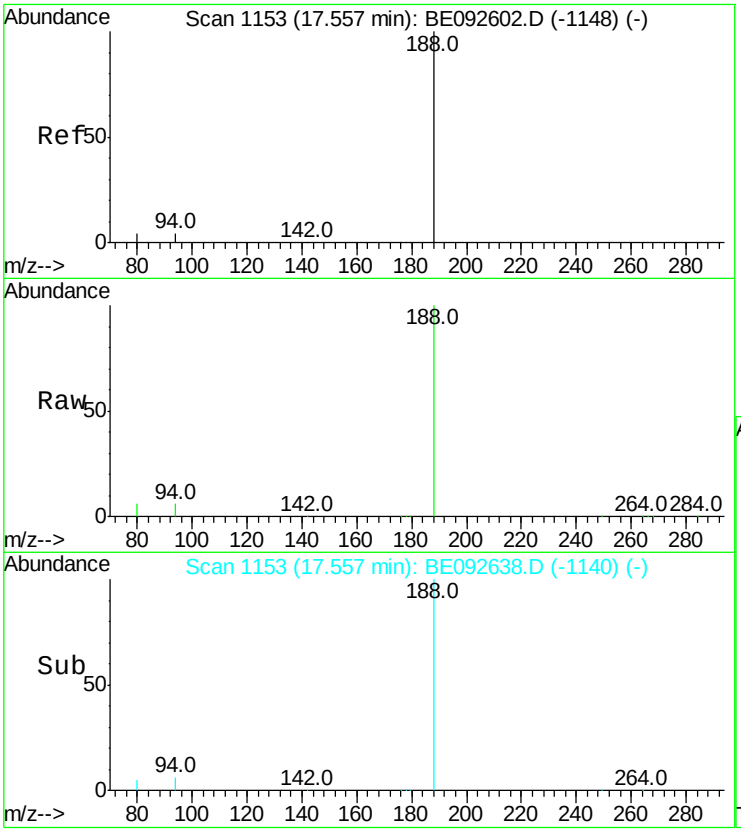


#14
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:172 Resp: 21277

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.1	45.1
170	23.8	21.8	32.6



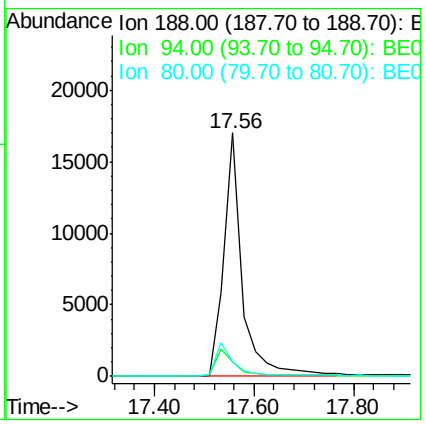


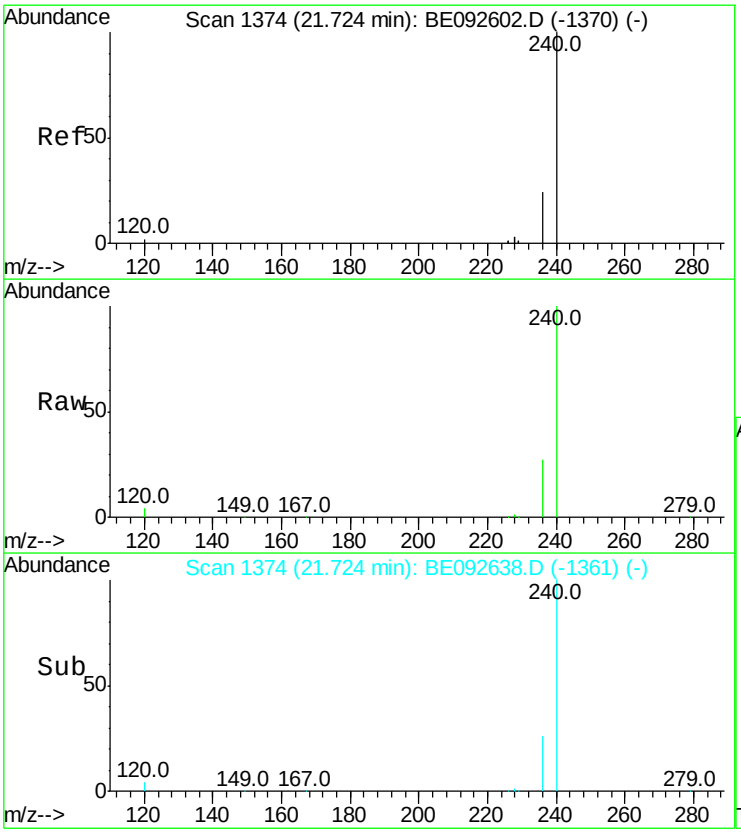
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion:188 Resp: 43173

Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.2	4.8#
80	5.8	2.6	3.8#

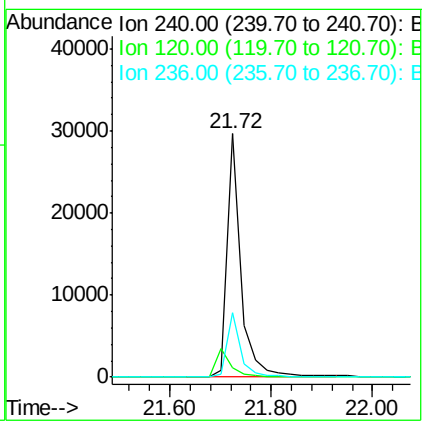


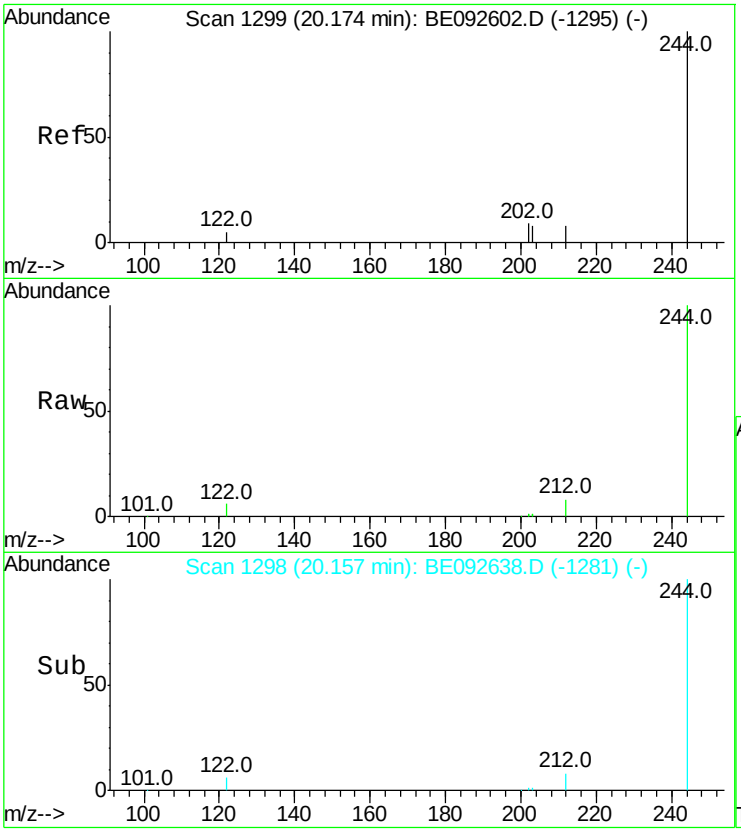


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:240 Resp: 55440

Ion	Ratio	Lower	Upper
240	100		
120	3.7	2.6	4.0
236	26.5	24.6	37.0



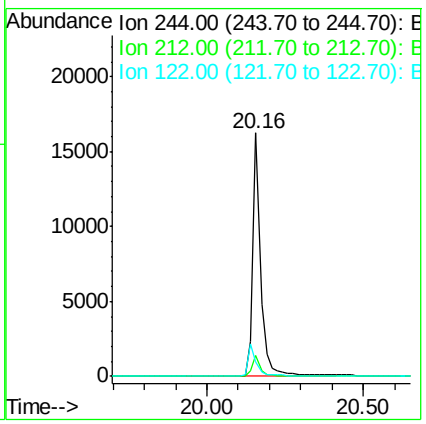


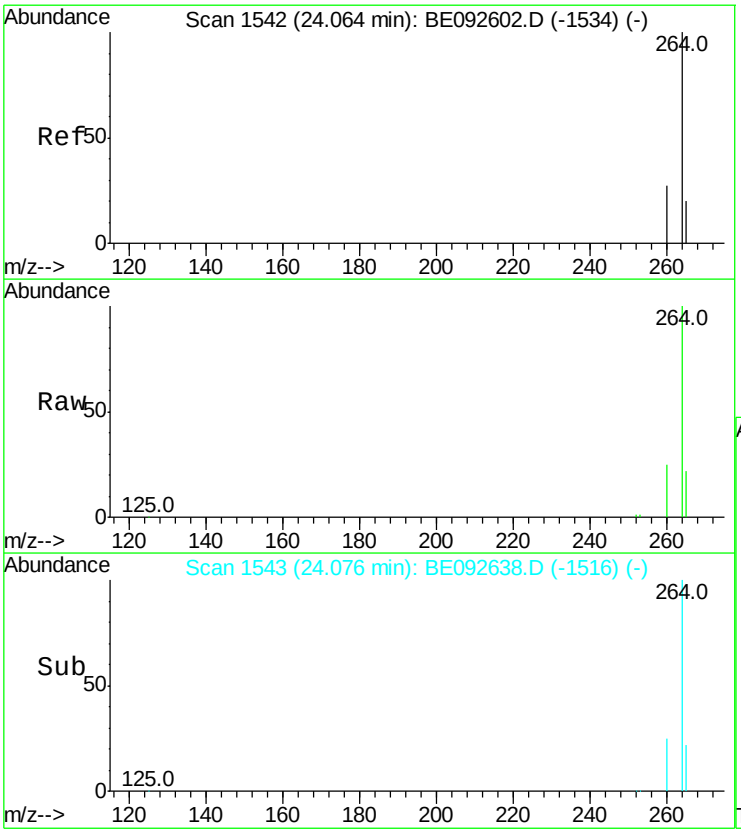
#26
Terphenyl-d14
Concen: 3.98 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Instrument :
BNA_E
ClientSampleId :
PB95910BL

Tgt Ion:244 Resp: 27052

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	6.0	3.6	5.4#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE092638.D
Acq: 11 Jan 2017 13:04

Tgt Ion:264 Resp: 54567

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.4	17.9	26.9