Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011917\
Data File : BE092661.D
Acq On : 19 Jan 2017 17:31
Operator : UM/SJ
Sample : PB96141BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB96141BL

Quant Time: Jan 20 02:11:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9022	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	37806	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	22652	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	43977	5.00	ng	0.00
24) Chrysene-d12	21.72	240	54360	5.00	ng	0.00
31) Perylene-d12	24.06	264	63650	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	19454	9.66	ng	-0.01
5) Phenol-d6	7.31	99	22434	9.09	ng	-0.02
8) Nitrobenzene-d5	9.32	82	9829	4.01	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	5069	7.59	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	22606	4.06	ng	-0.01
26) Terphenyl-d14	20.14	244	29974	3.90	ng	-0.02
Target Compounds						Qvalue

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

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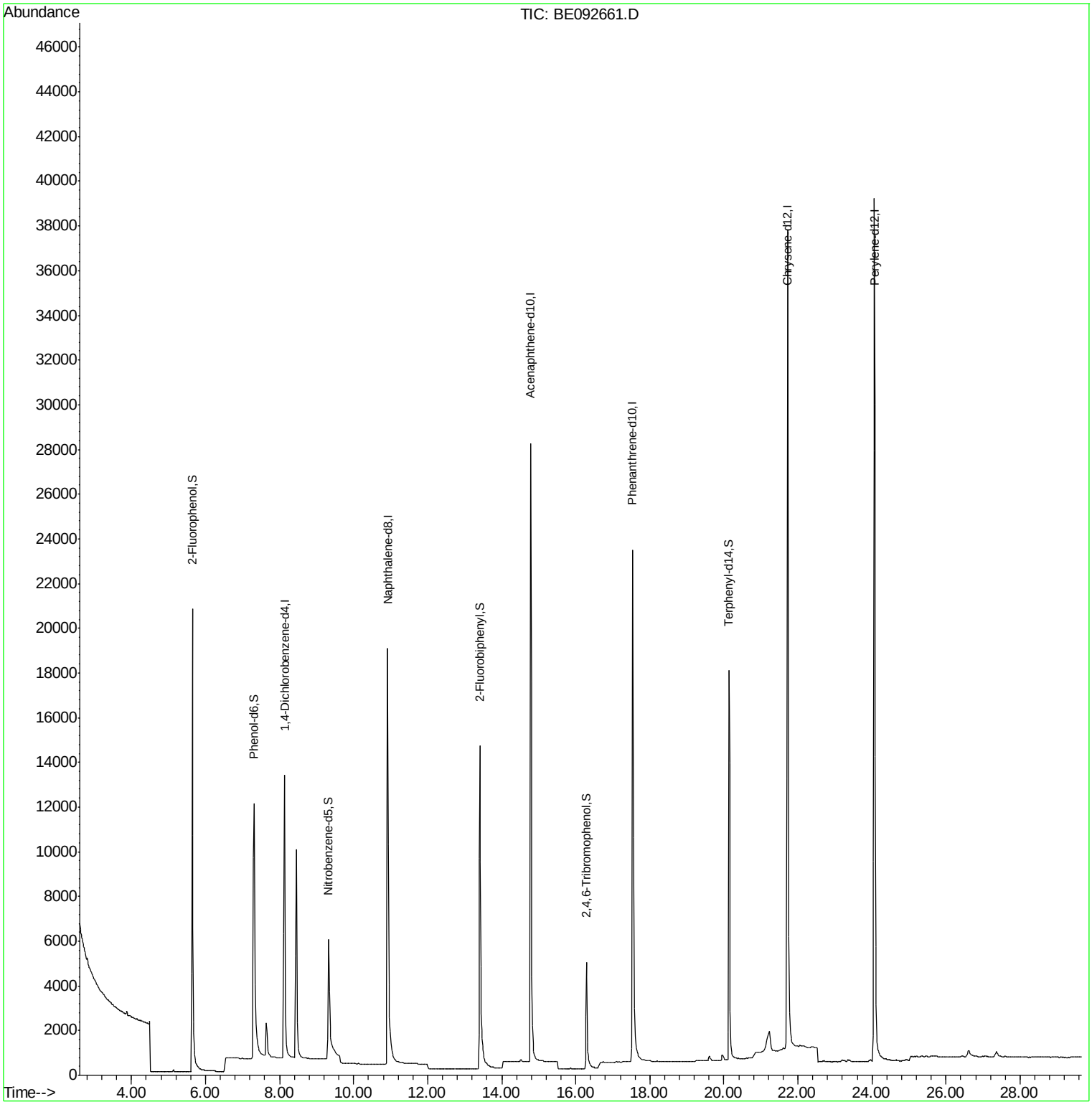
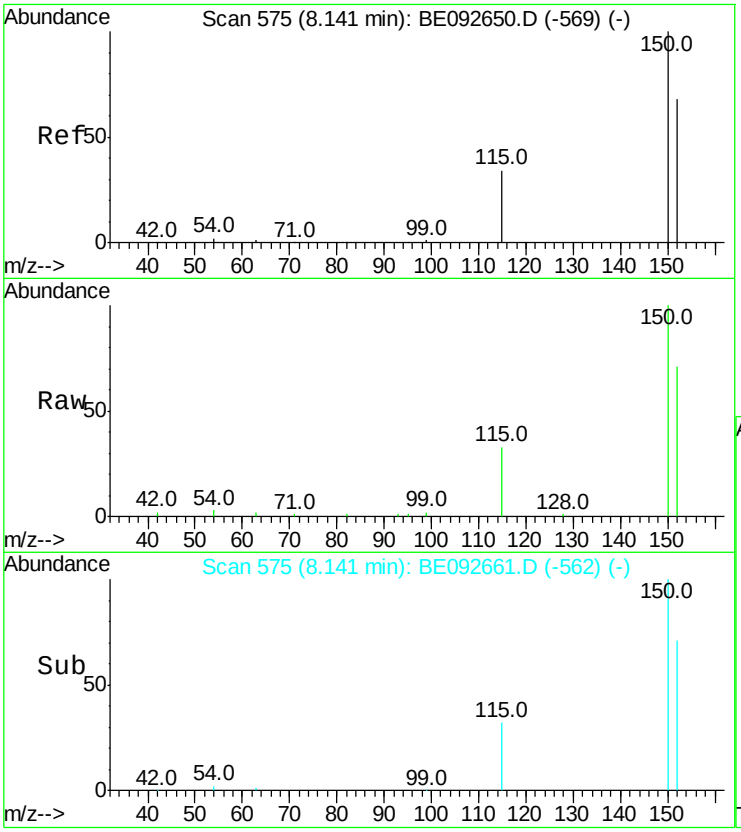


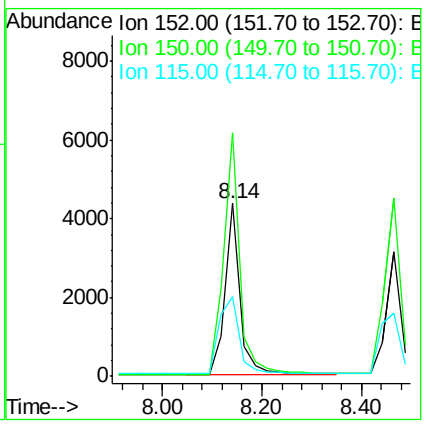


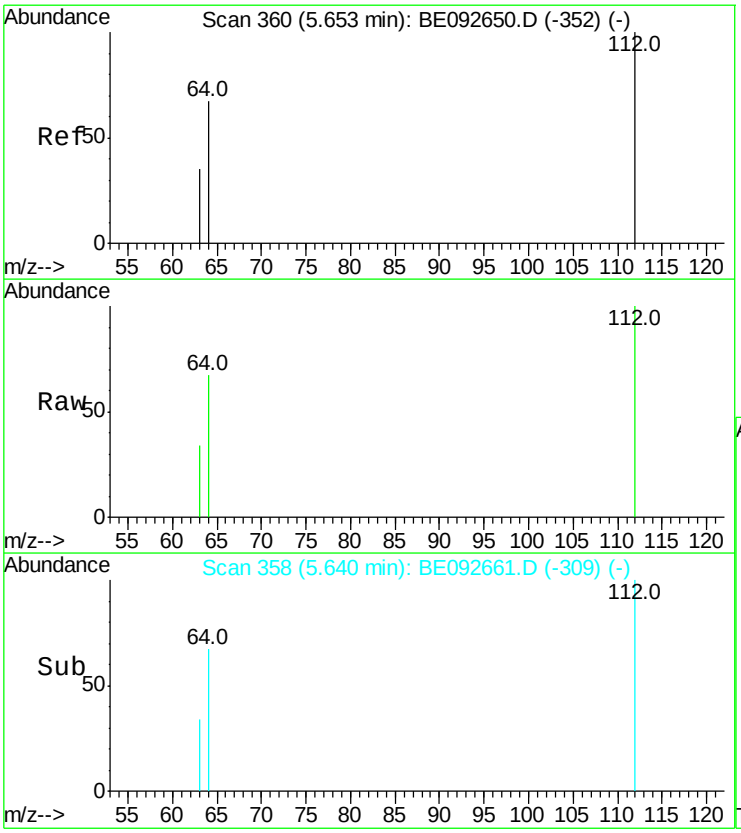
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion:152 Resp: 9022

Ion	Ratio	Lower	Upper
152	100		
150	140.7	106.0	159.0
115	46.1	31.2	46.8

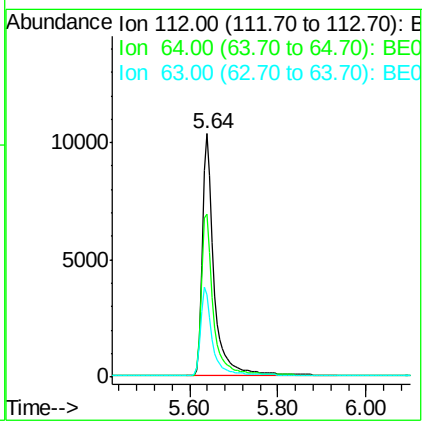


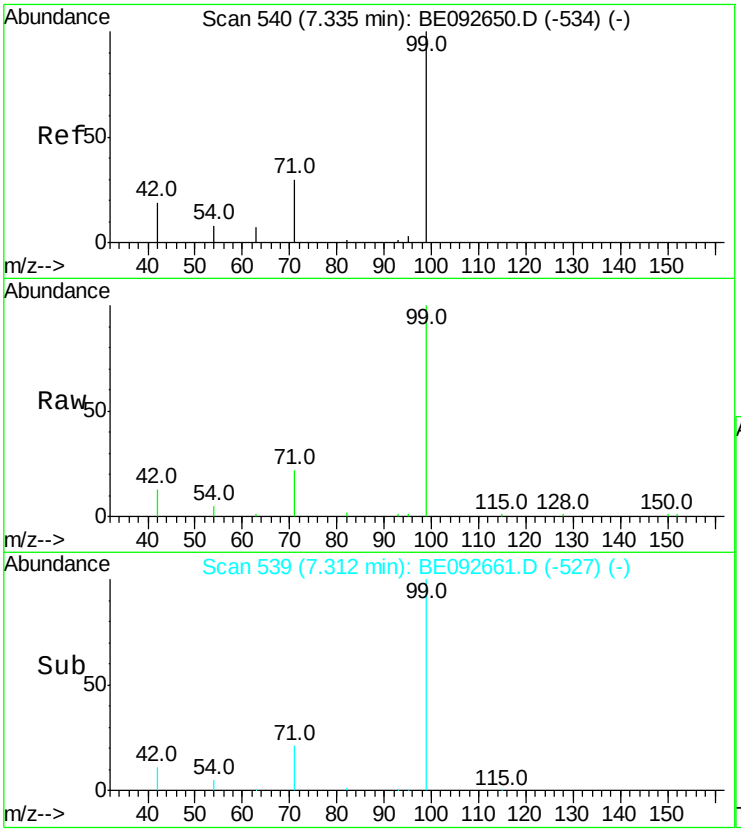


#4
2-Fluorophenol
Concen: 9.66 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:112 Resp: 19454

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	36.5	27.9	41.9



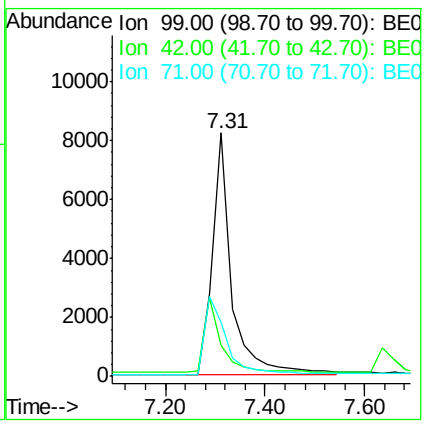


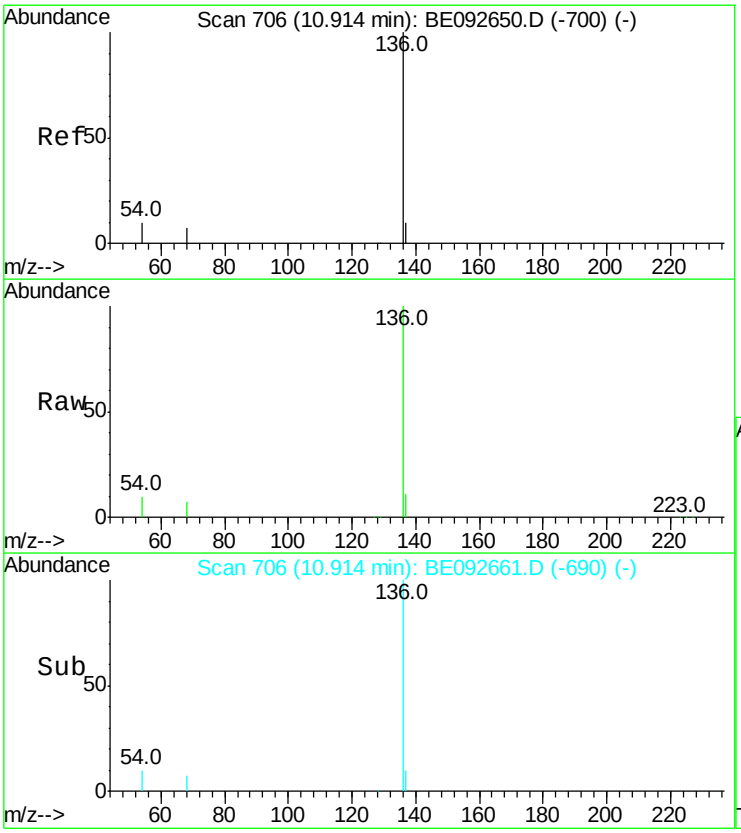
#5
Phenol-d6
Concen: 9.09 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion: 99 Resp: 22434

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

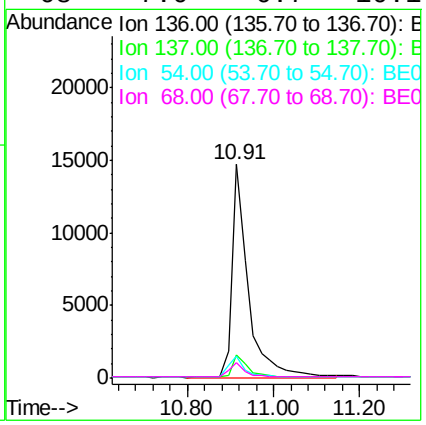


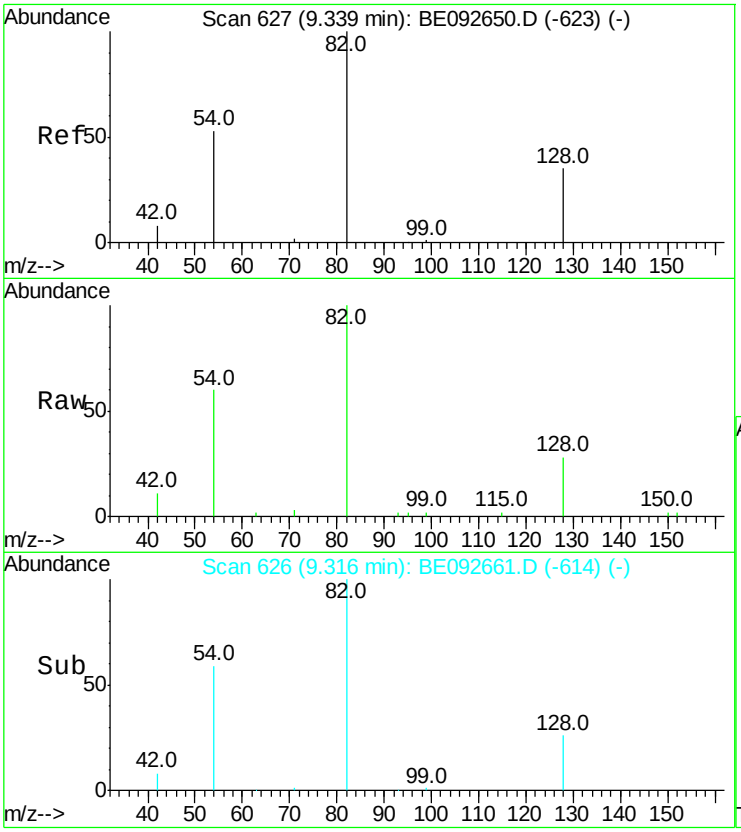


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:136 Resp: 37806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	10.2	9.6	14.4
68	7.0	6.7	10.1



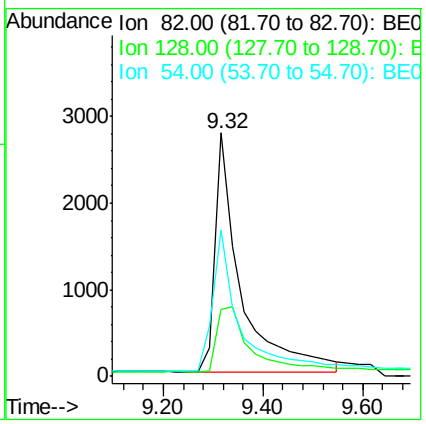


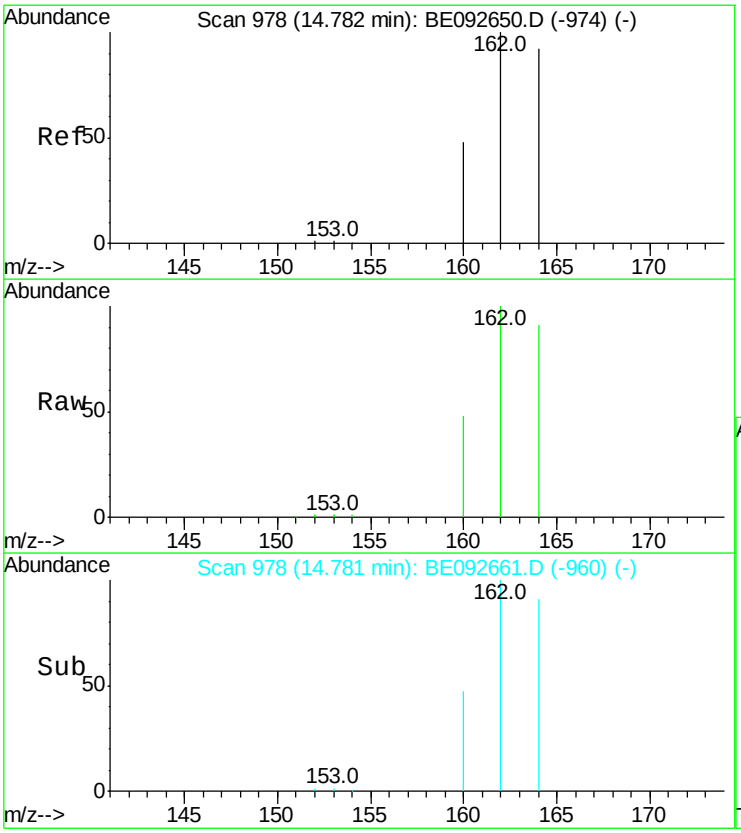
#8
Nitrobenzene-d5
Concen: 4.01 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion: 82 Resp: 9829

Ion	Ratio	Lower	Upper
82	100		
128	27.7	39.0	58.4#
54	59.9	44.8	67.2

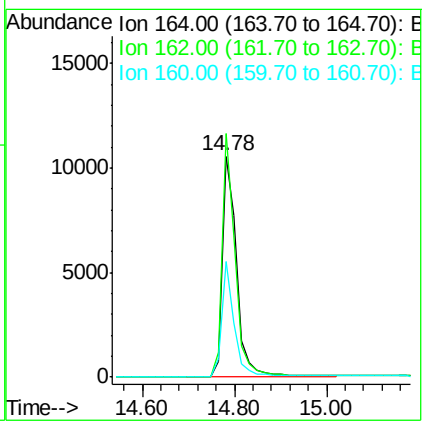


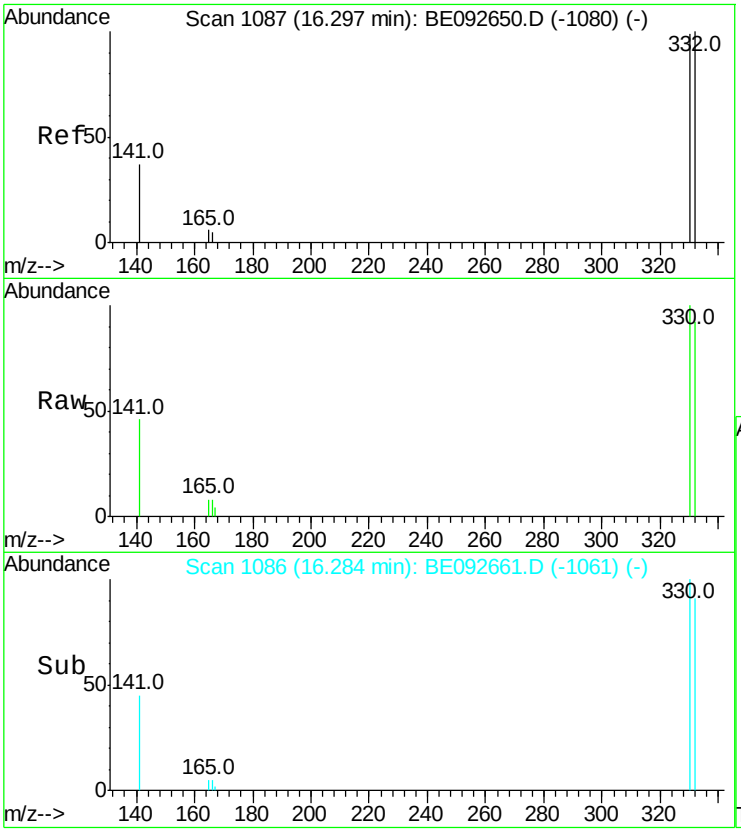


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:164 Resp: 22652

Ion	Ratio	Lower	Upper
164	100		
162	110.1	71.4	107.0#
160	52.4	27.4	41.2#



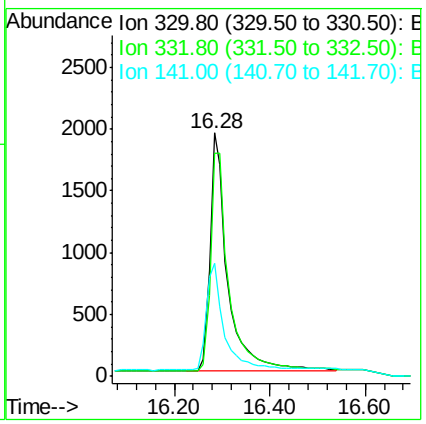


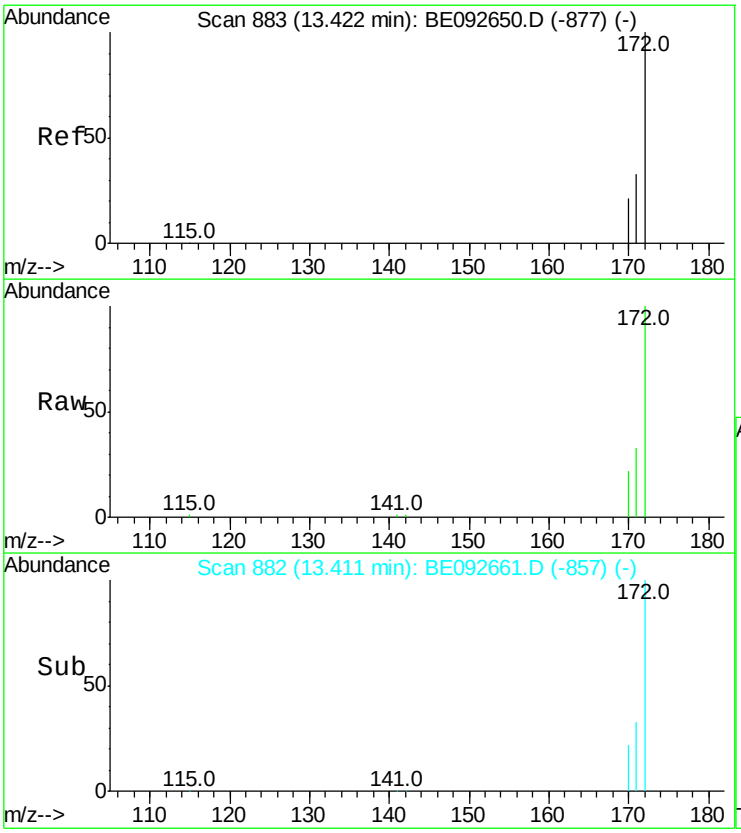
#13
2,4,6-Tribromophenol
Concen: 7.59 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion:330 Resp: 5069

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	45.0	31.0	46.6

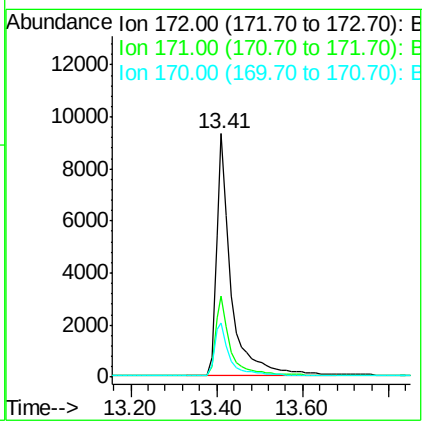


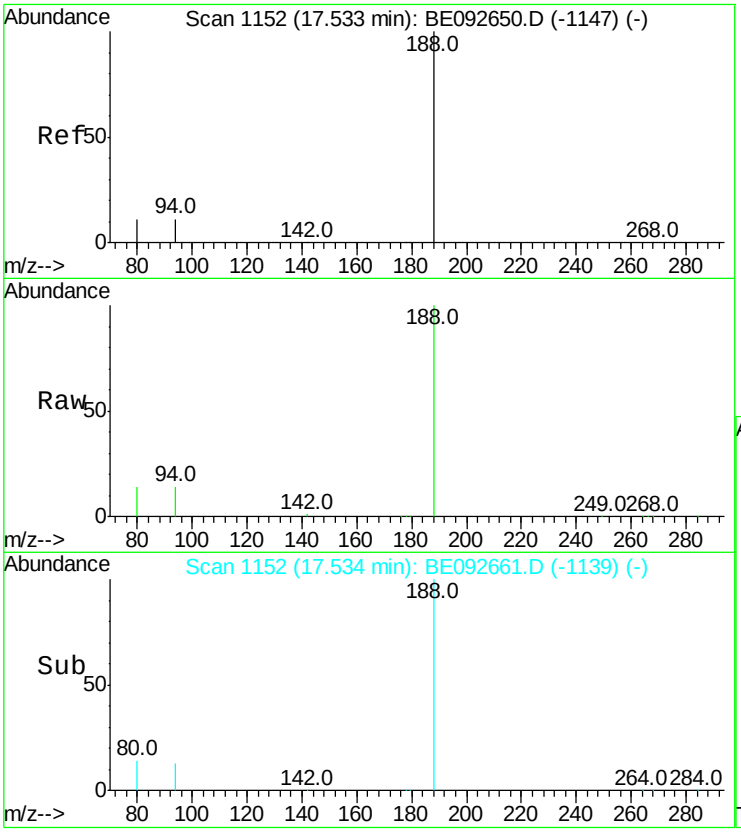


#14
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:172 Resp: 22606

Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.1	45.1
170	22.2	21.8	32.6



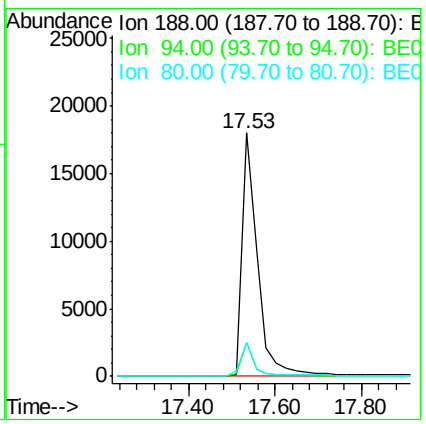


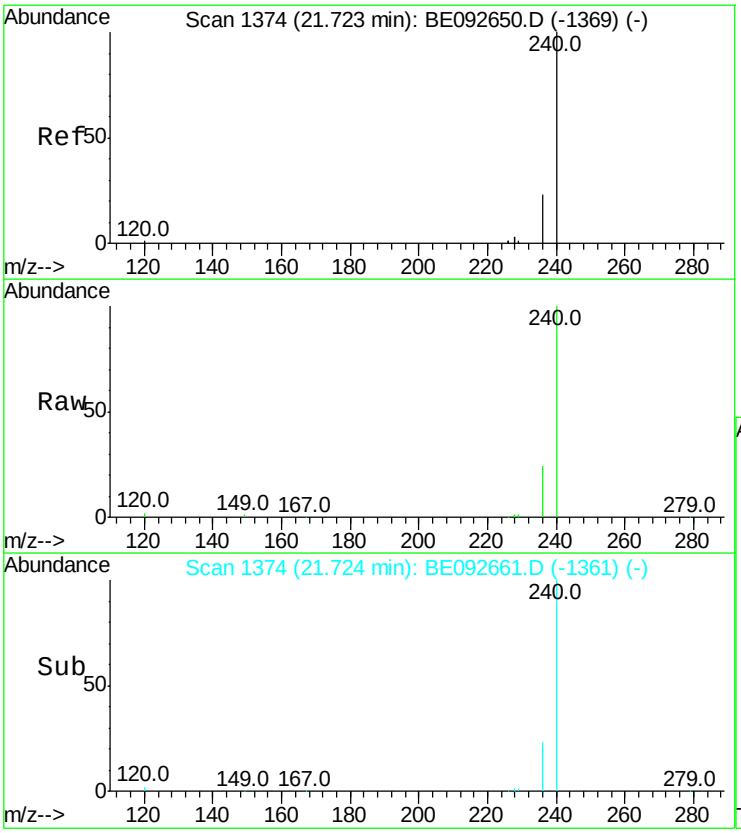
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion:188 Resp: 43977

Ion	Ratio	Lower	Upper
188	100		
94	13.7	3.2	4.8#
80	14.0	2.6	3.8#

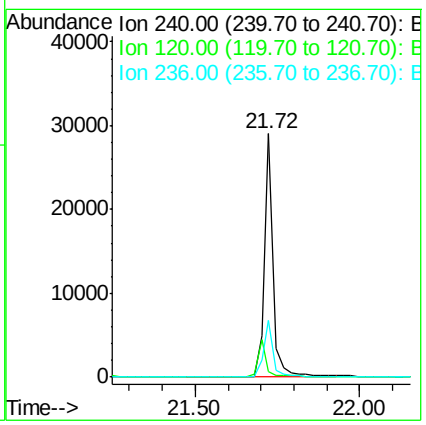


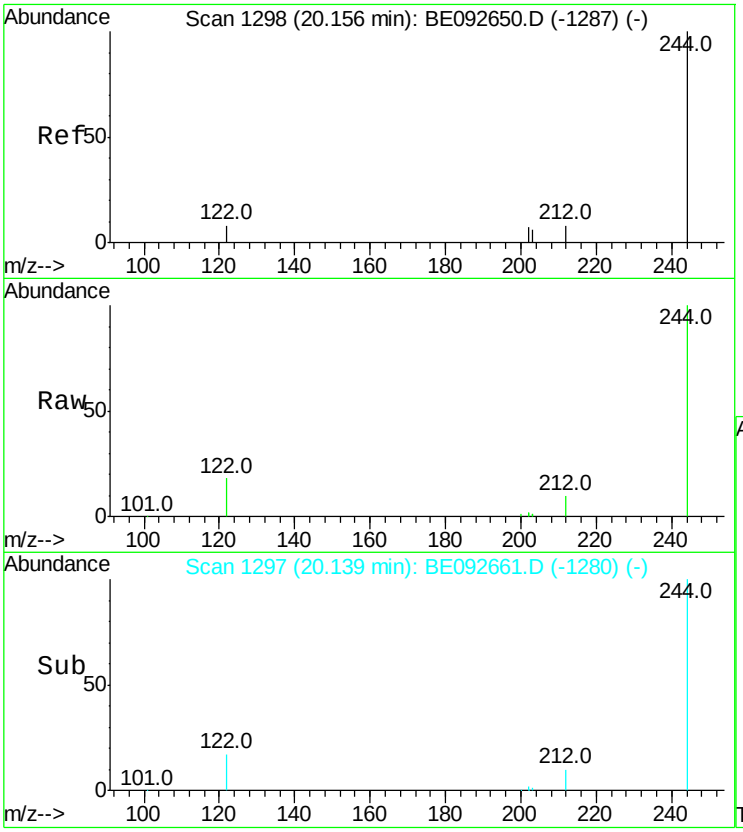


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:240 Resp: 54360

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.6	4.0#
236	23.5	24.6	37.0#



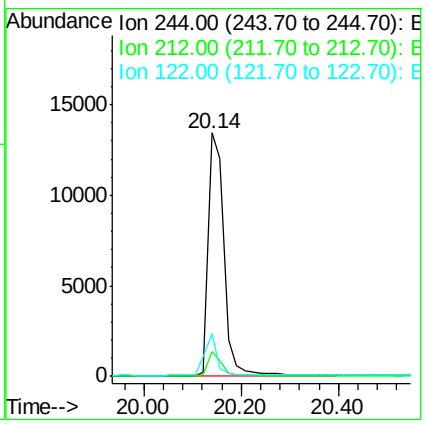


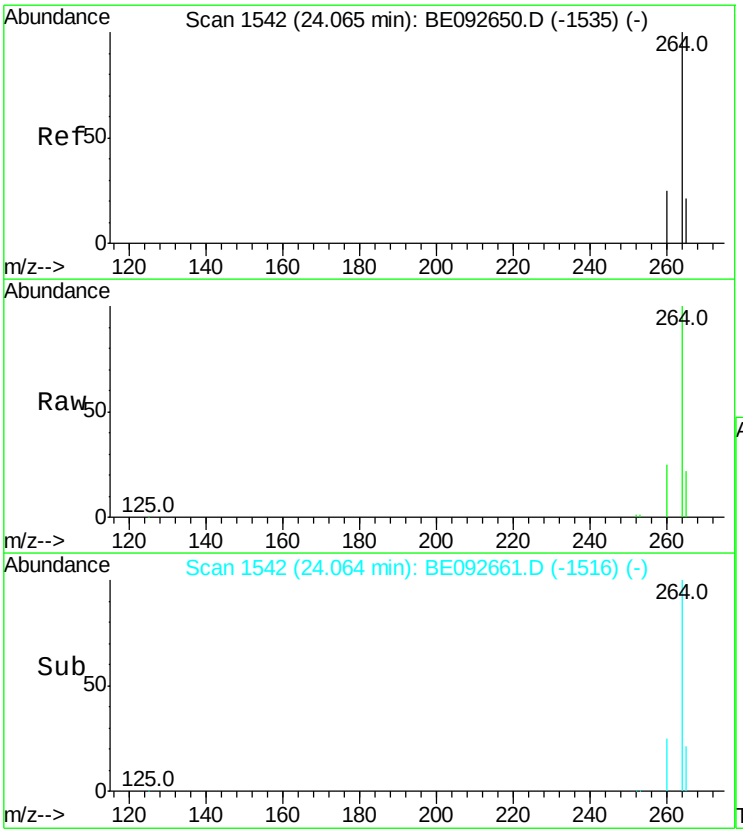
#26
Terphenyl-d14
Concen: 3.90 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion:244 Resp: 29974

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	17.6	3.6	5.4#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion:264 Resp: 63650

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.9	26.9