Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093016\
Data File : BE092438.D
Acq On : 30 Sep 2016 17:13
Operator : UM/SJ
Sample : PB93716BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB93716BL

Quant Time: Sep 30 19:13:38 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8915	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	35541	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	23116	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	43795	5.00	ng	0.02
24) Chrysene-d12	21.75	240	58243	5.00	ng	0.00
31) Perylene-d12	24.12	264	56716	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	16136	7.68	ng	-0.02
5) Phenol-d6	7.33	99	18780	6.27	ng	-0.02
8) Nitrobenzene-d5	9.34	82	7784	3.10	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	3428	4.26	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	20361	3.72	ng	0.00
26) Terphenyl-d14	20.19	244	26074	3.61	ng	0.02
Target Compounds						Qvalue

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

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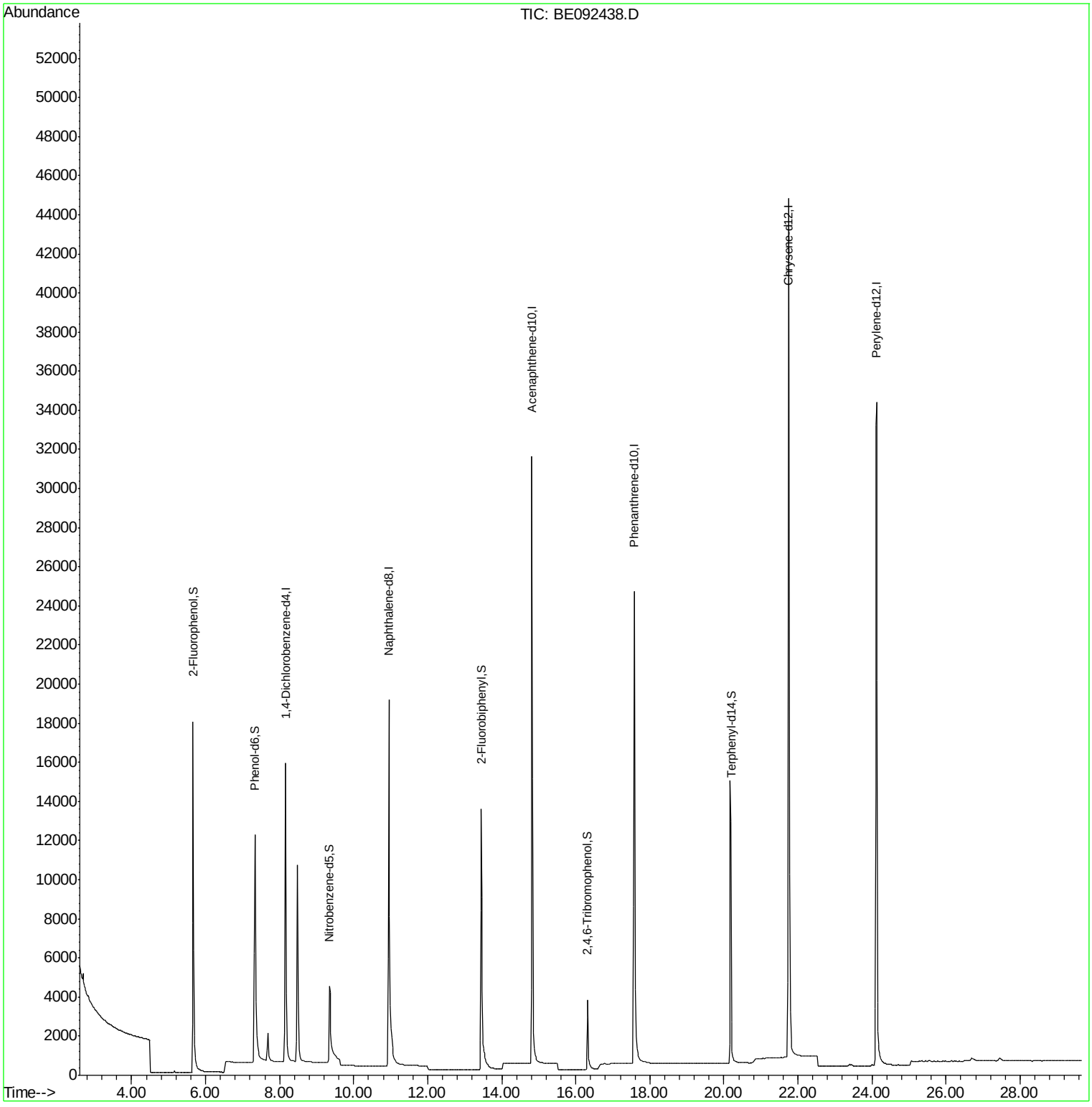
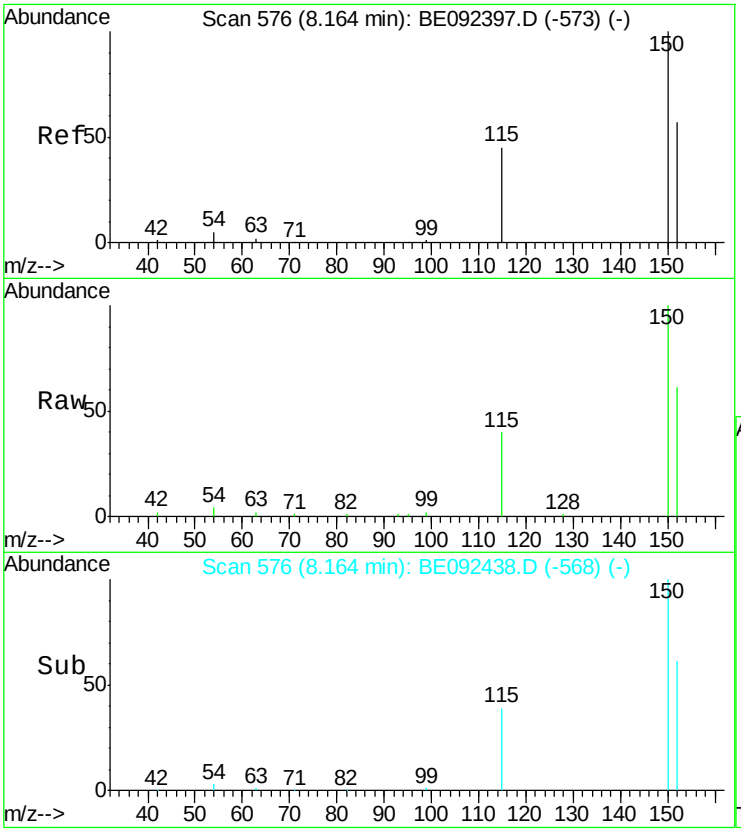


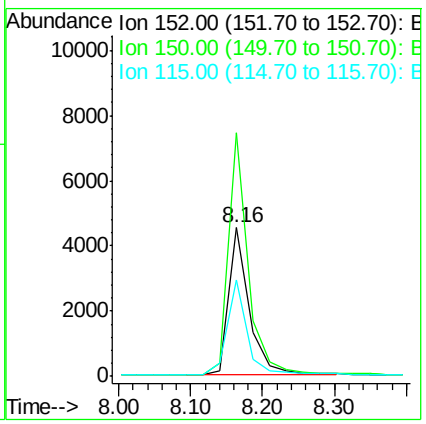


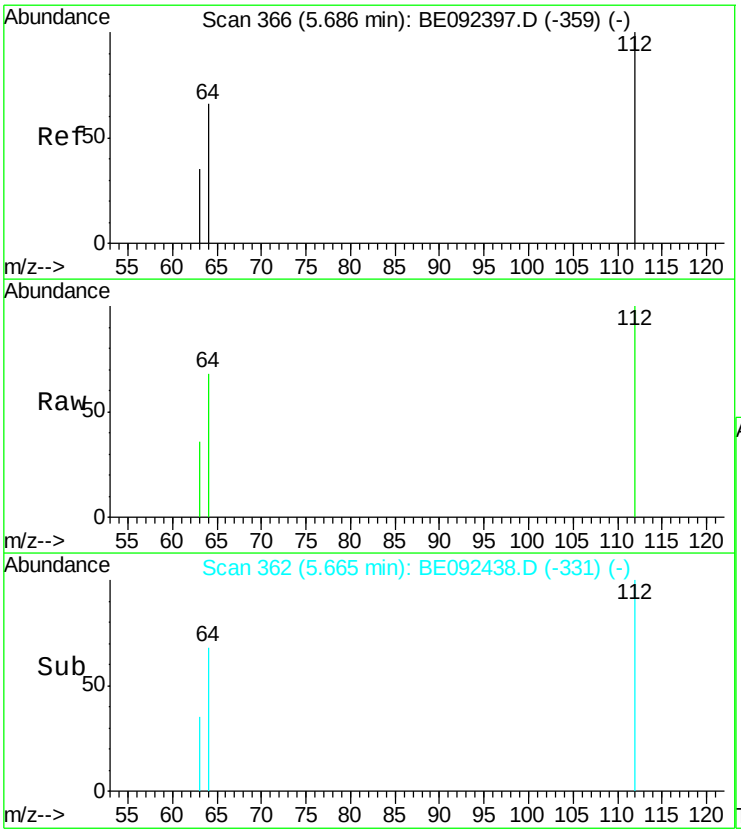
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion:152 Resp: 8915

Ion	Ratio	Lower	Upper
152	100		
150	163.9	106.0	159.0#
115	65.3	31.2	46.8#

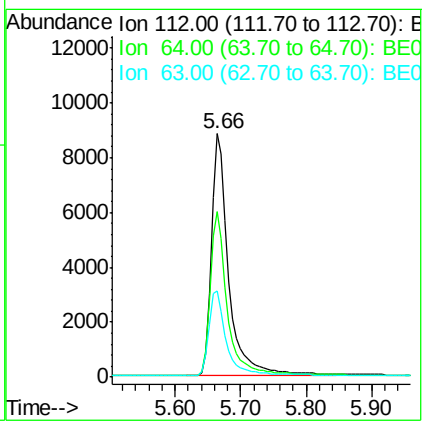


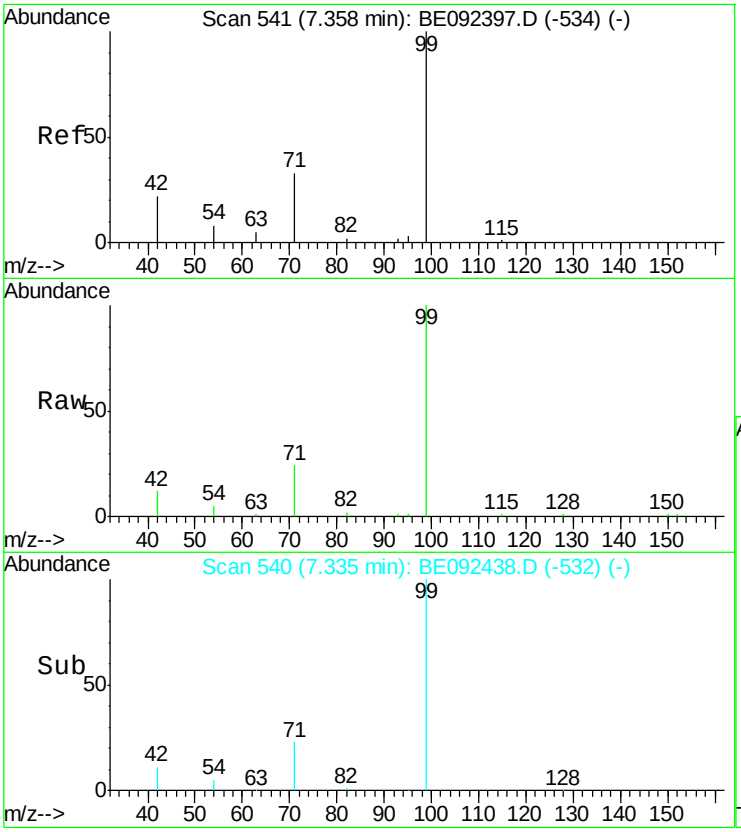


#4
2-Fluorophenol
Concen: 7.68 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:112 Resp: 16136

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.5	80.3
63	35.9	27.9	41.9



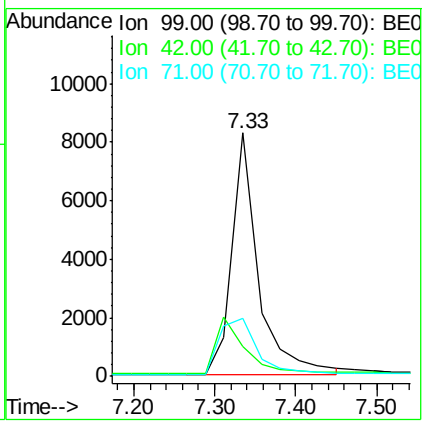


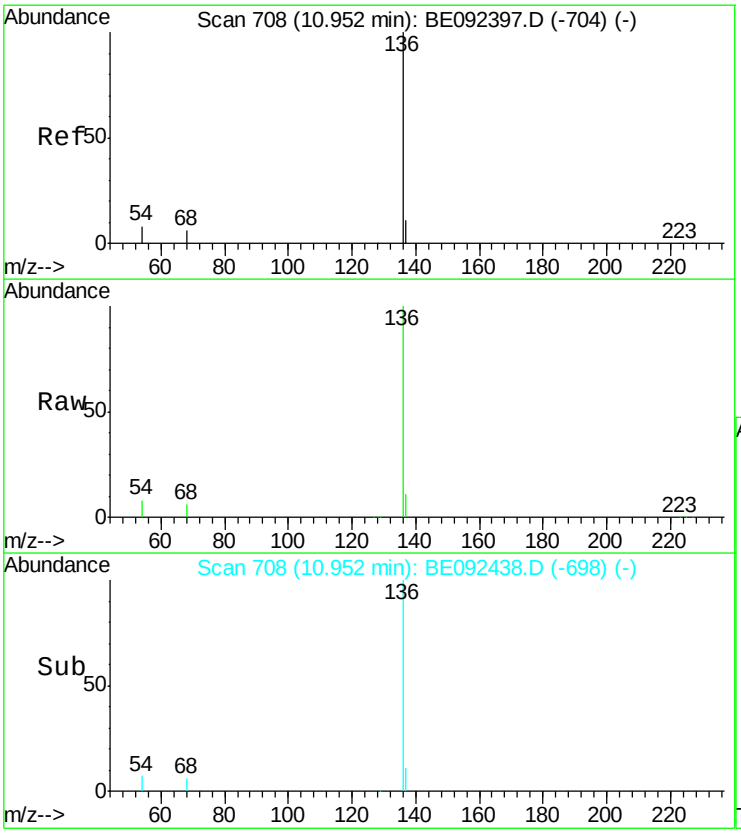
#5
Phenol-d6
Concen: 6.27 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion: 99 Resp: 18780

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.7	30.6	45.8

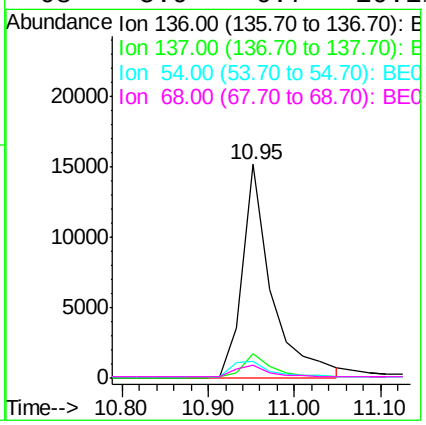


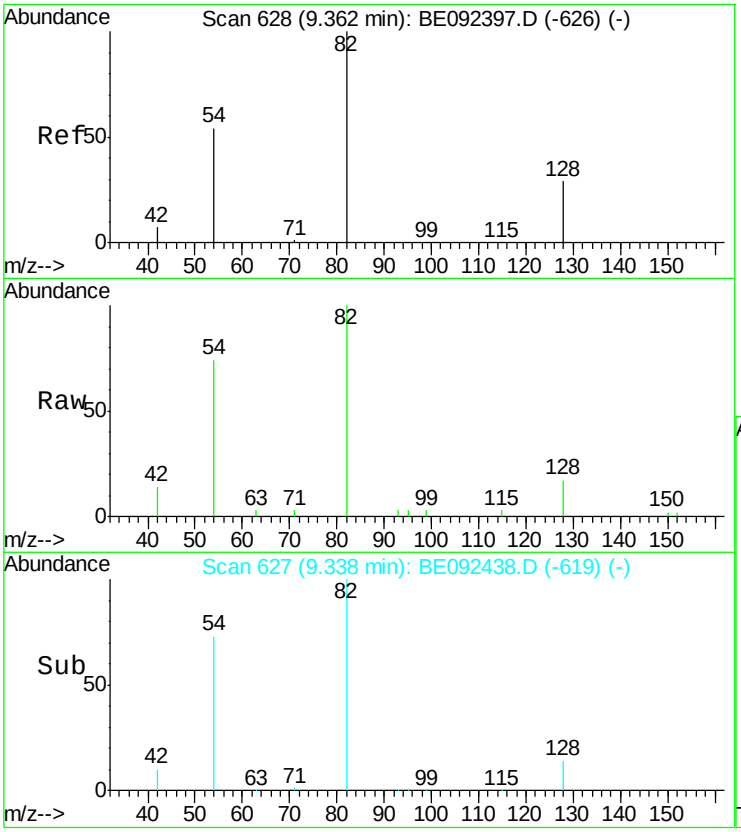


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:136 Resp: 35541

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.8	9.6	14.4#
68	5.9	6.7	10.1#



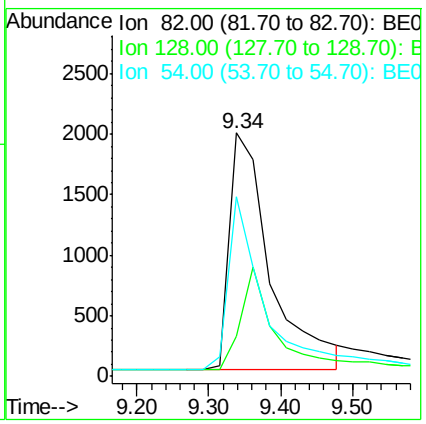


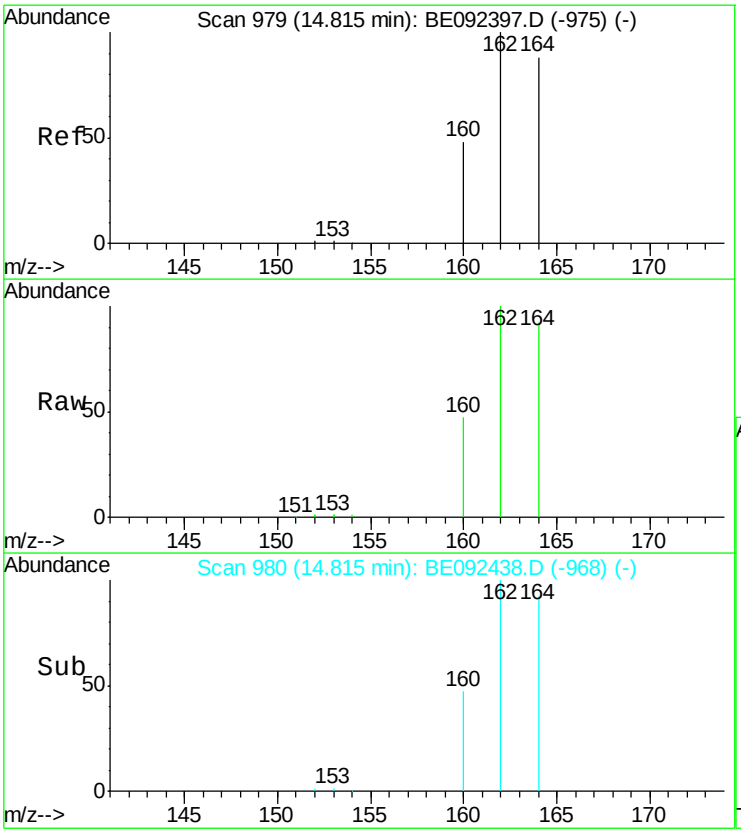
#8
Nitrobenzene-d5
Concen: 3.10 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion: 82 Resp: 7784

Ion	Ratio	Lower	Upper
82	100		
128	16.6	39.0	58.4#
54	73.9	44.8	67.2#

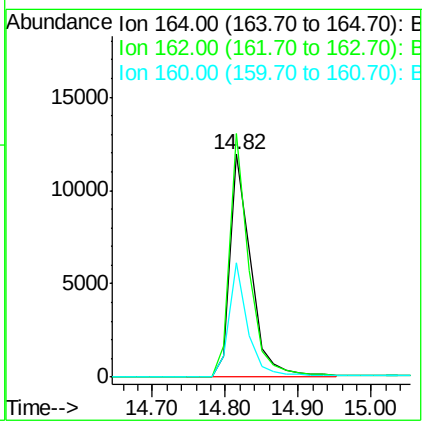


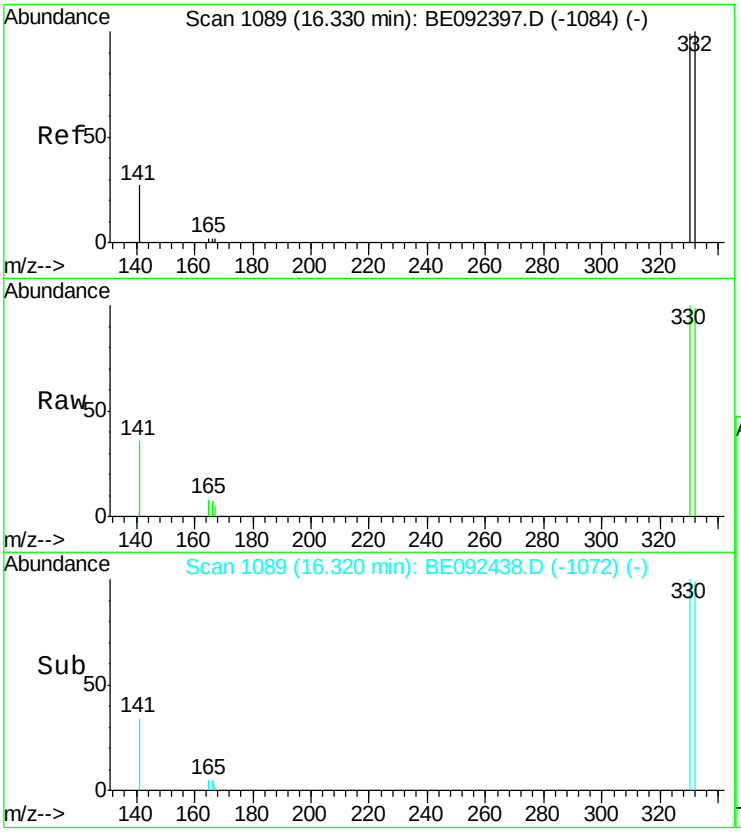


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:164 Resp: 23116

Ion	Ratio	Lower	Upper
164	100		
162	109.2	71.4	107.0#
160	51.4	27.4	41.2#



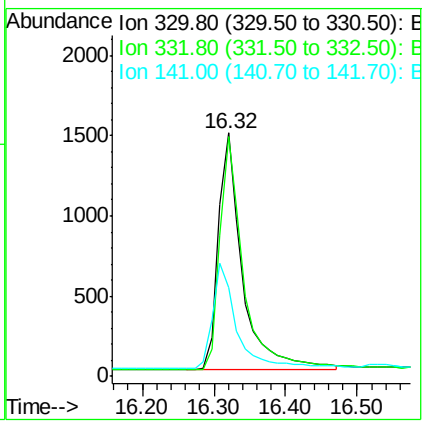


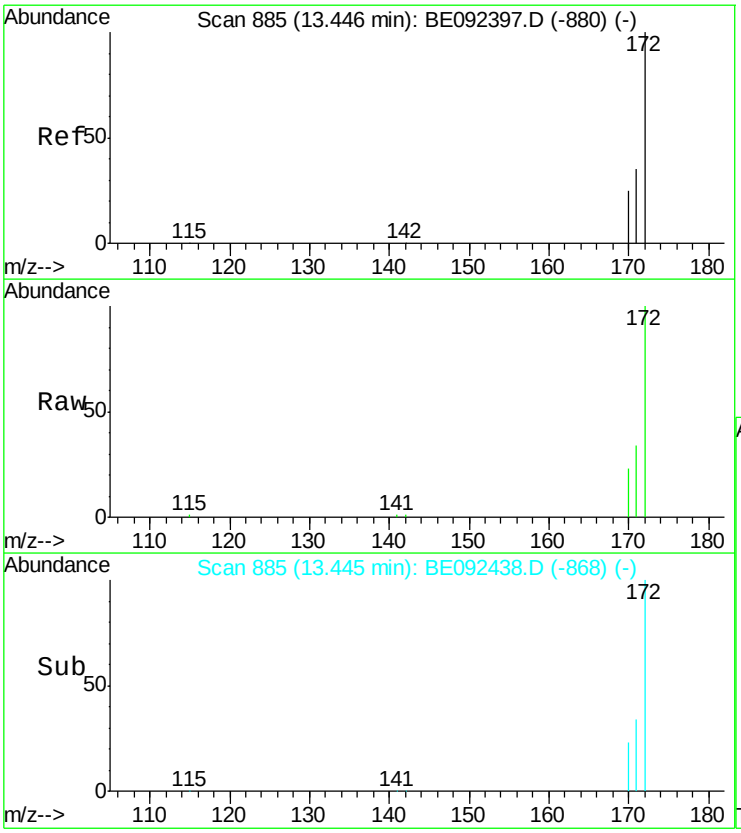
#13
2,4,6-Tribromophenol
Concen: 4.26 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion:330 Resp: 3428

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.0
141	44.1	31.0	46.6

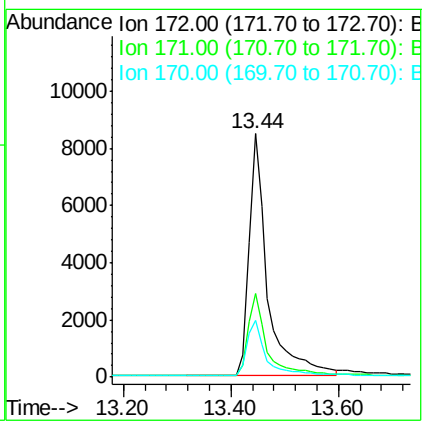


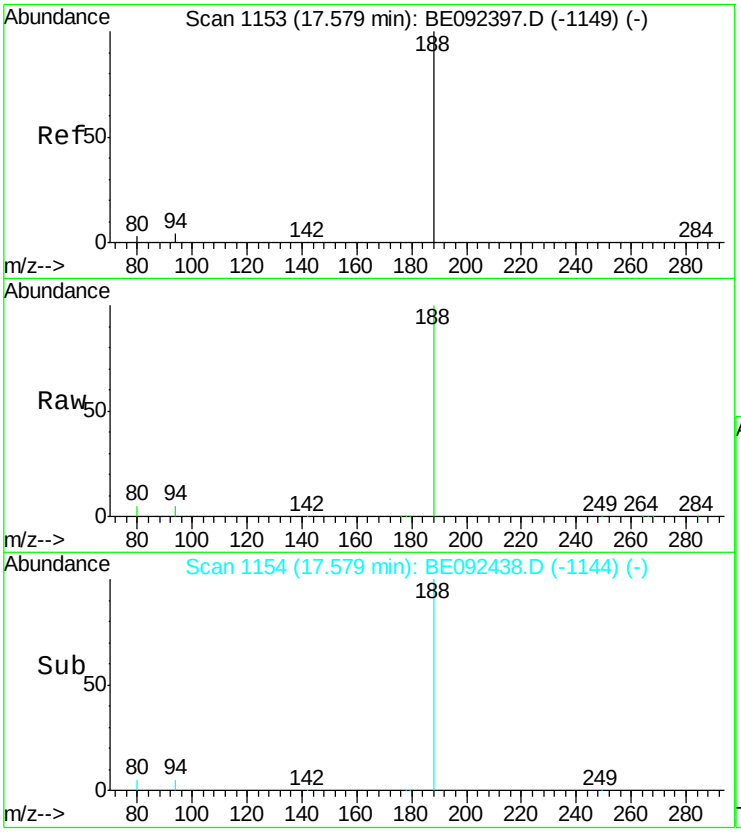


#14
2-Fluorobiphenyl
Concen: 3.72 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:172 Resp: 20361

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.1	45.1
170	23.4	21.8	32.6



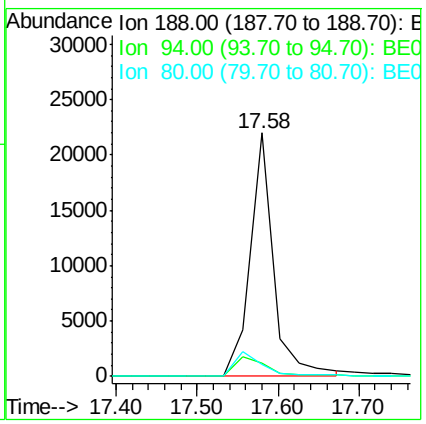


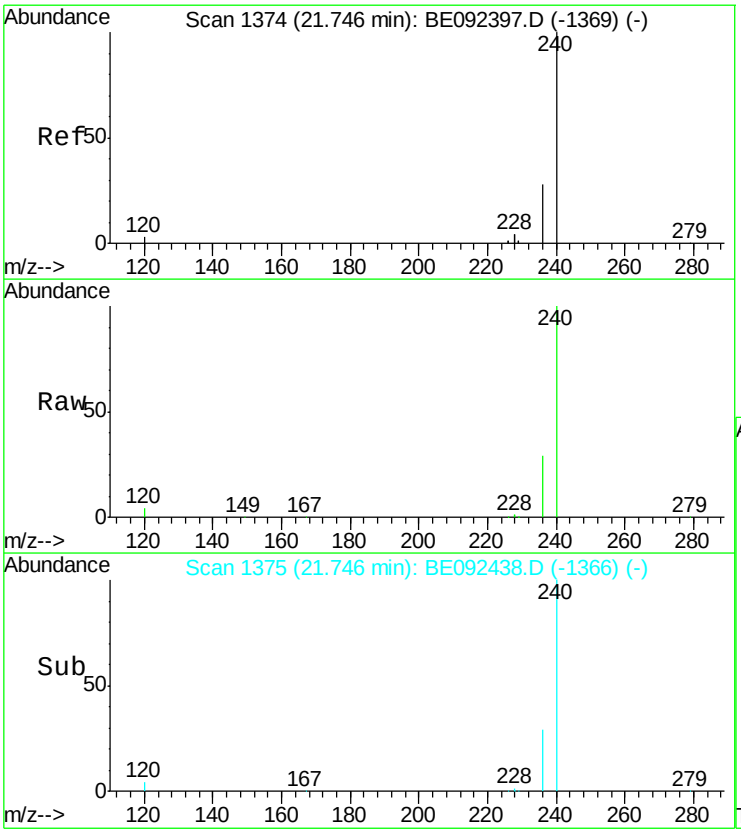
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion:188 Resp: 43795

Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.2	4.8#
80	4.9	2.6	3.8#

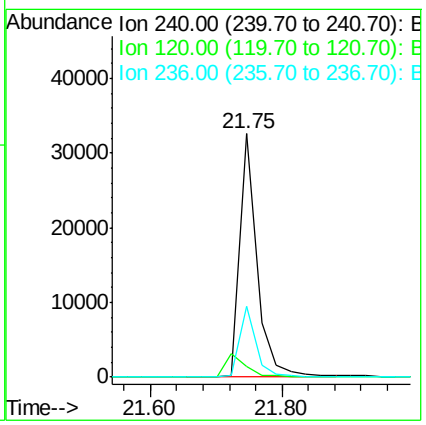


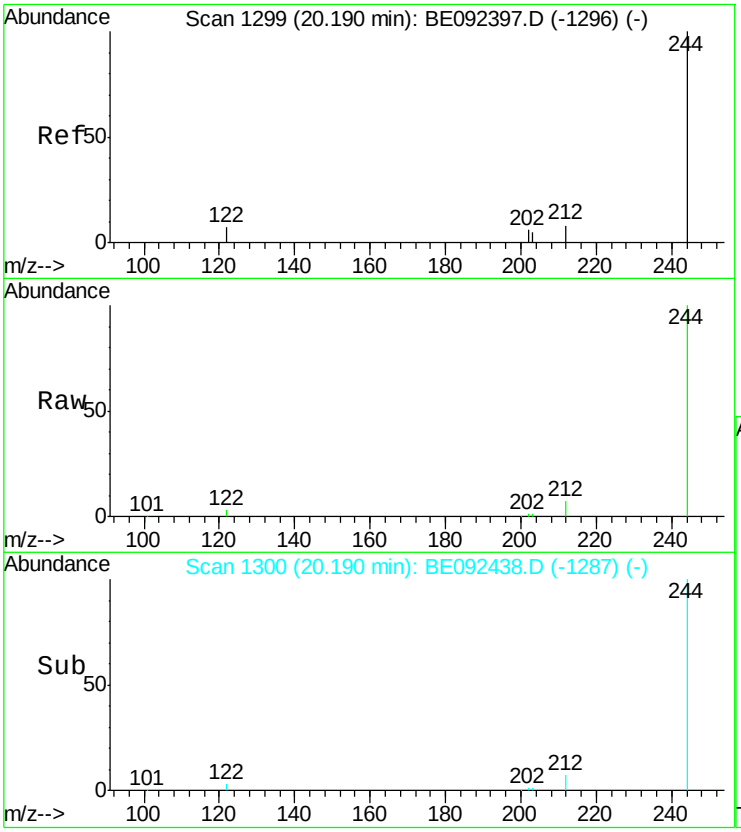


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:240 Resp: 58243

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	4.0#
236	29.0	24.6	37.0



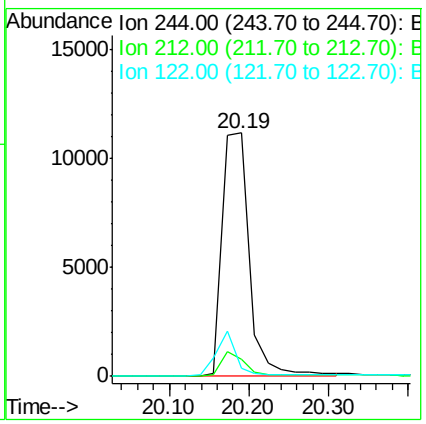


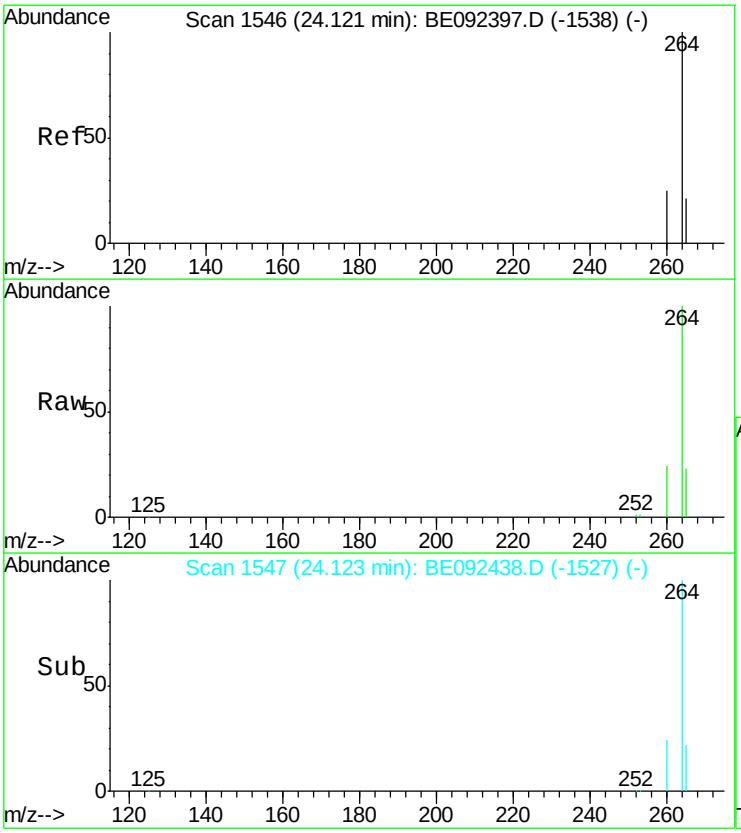
#26
Terphenyl-d14
Concen: 3.61 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB93716BL

Tgt Ion:244 Resp: 26074

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.7	10.1
122	3.5	3.6	5.4#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.04 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion:264 Resp: 56716

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	22.7	17.9	26.9