Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102116\
Data File : BE092465.D
Acq On : 21 Oct 2016 13:54
Operator : UM/SJ
Sample : H5340-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-161018

Quant Time: Oct 21 17:24:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:07:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9733	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	44664	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32879	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67233	5.00	ng	0.00
24) Chrysene-d12	21.75	240	88162	5.00	ng	0.00
31) Perylene-d12	24.12	264	74758	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	4360	1.98	ng	-0.02
5) Phenol-d6	7.34	99	4166	1.34	ng	-0.02
8) Nitrobenzene-d5	9.34	82	12397	3.89	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	5964	5.18	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	35912	4.61	ng	-0.01
26) Terphenyl-d14	20.17	244	58232	5.32	ng	-0.02
Target Compounds						Qvalue
29) Bis(2-ethylhexyl)phthalate	21.63	149	801	0.11	ng	# 56

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

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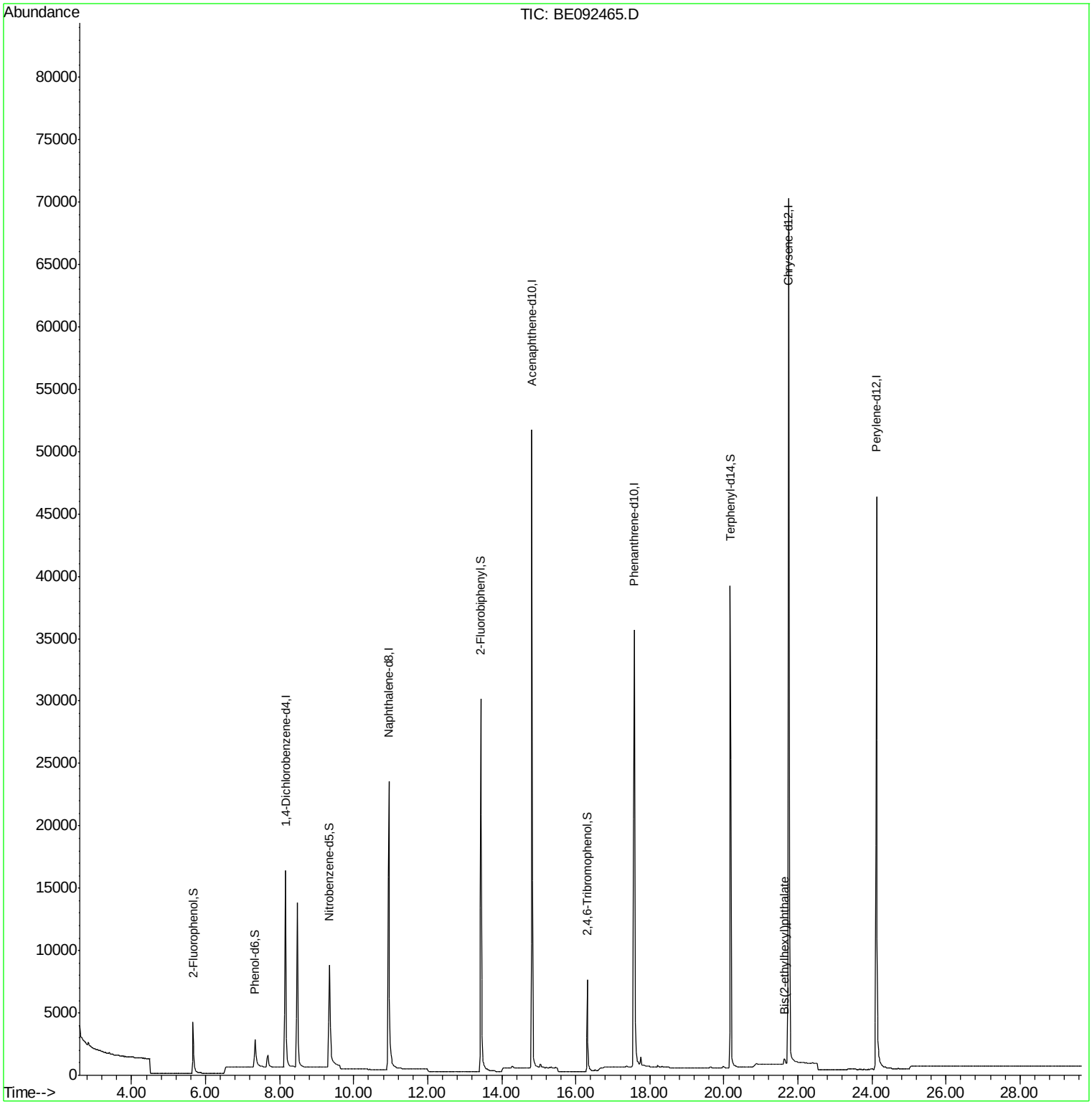
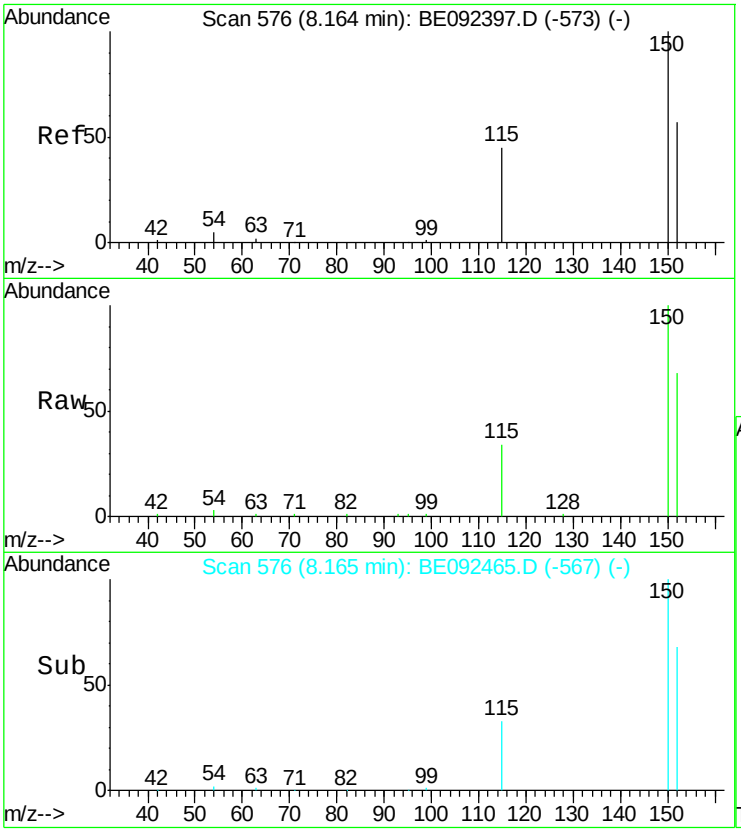


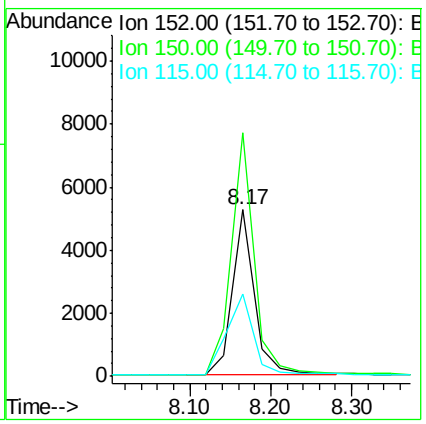


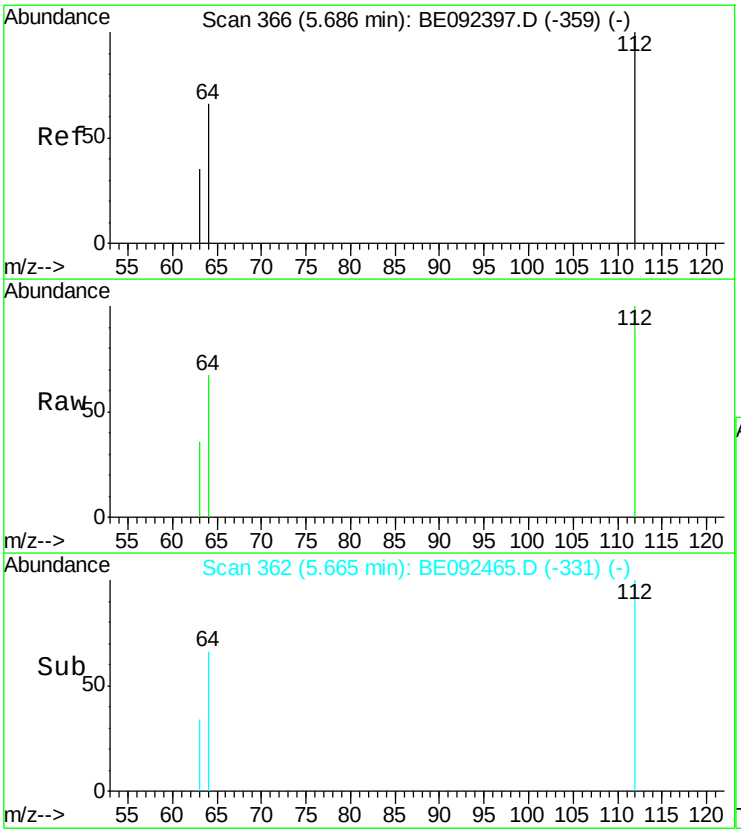
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion:152 Resp: 9733

Ion	Ratio	Lower	Upper
152	100		
150	146.5	106.0	159.0
115	49.6	31.2	46.8#

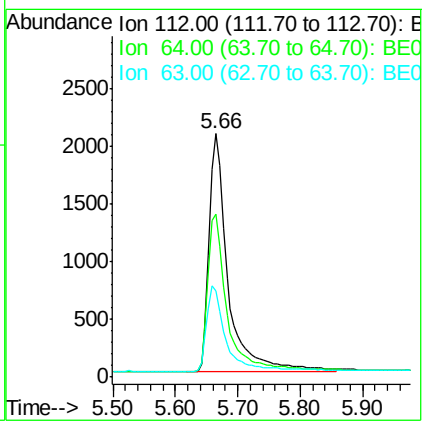


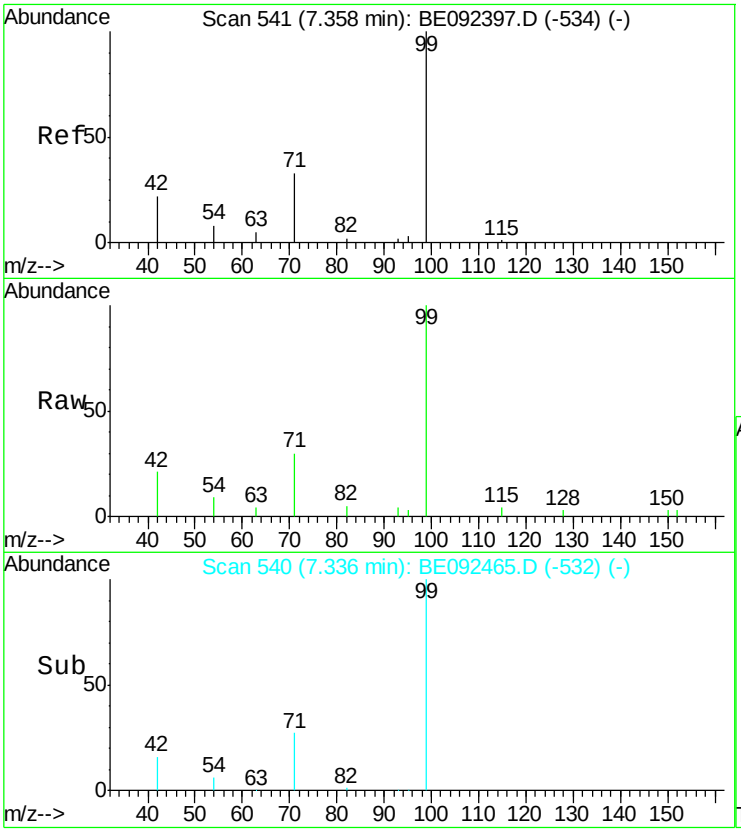


#4
2-Fluorophenol
Concen: 1.98 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:112 Resp: 4360

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.5	80.3
63	36.2	27.9	41.9



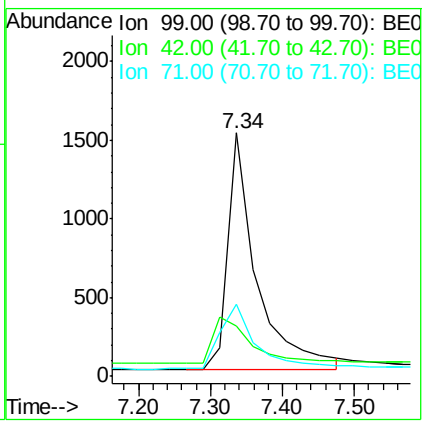


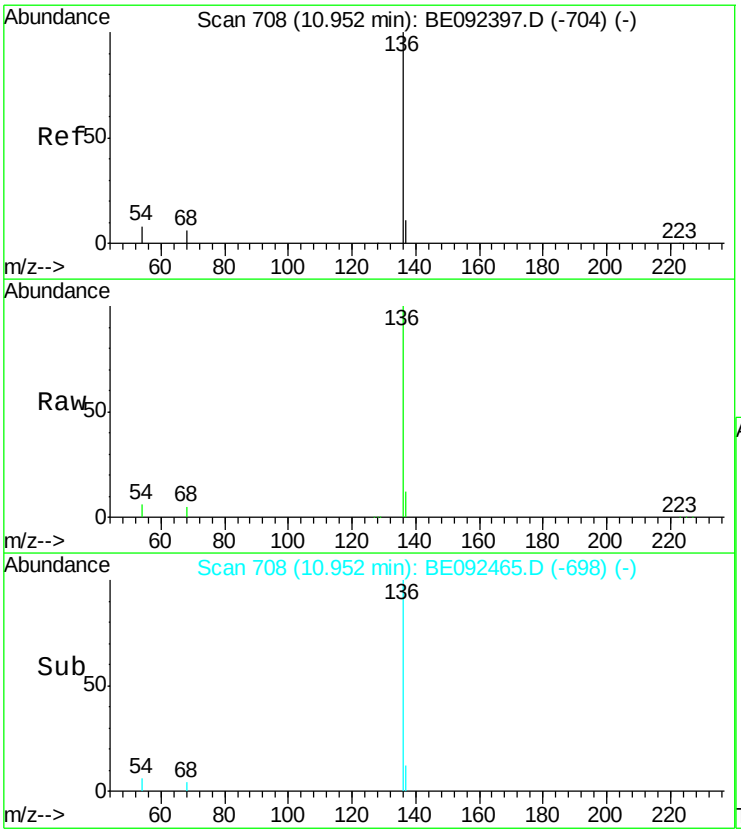
#5
Phenol-d6
Concen: 1.34 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion: 99 Resp: 4166

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.8	30.6	45.8

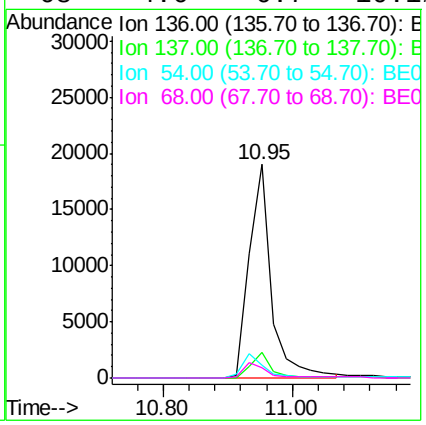


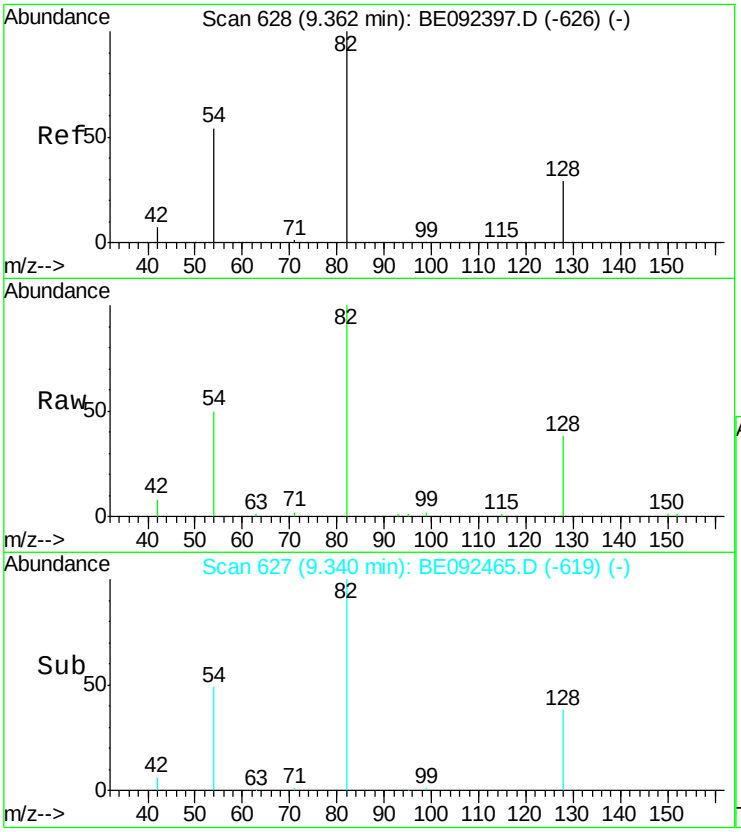


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:136 Resp: 44664

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.1	9.6	14.4#
68	4.6	6.7	10.1#



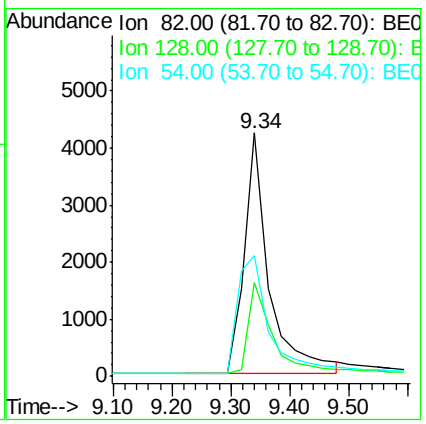


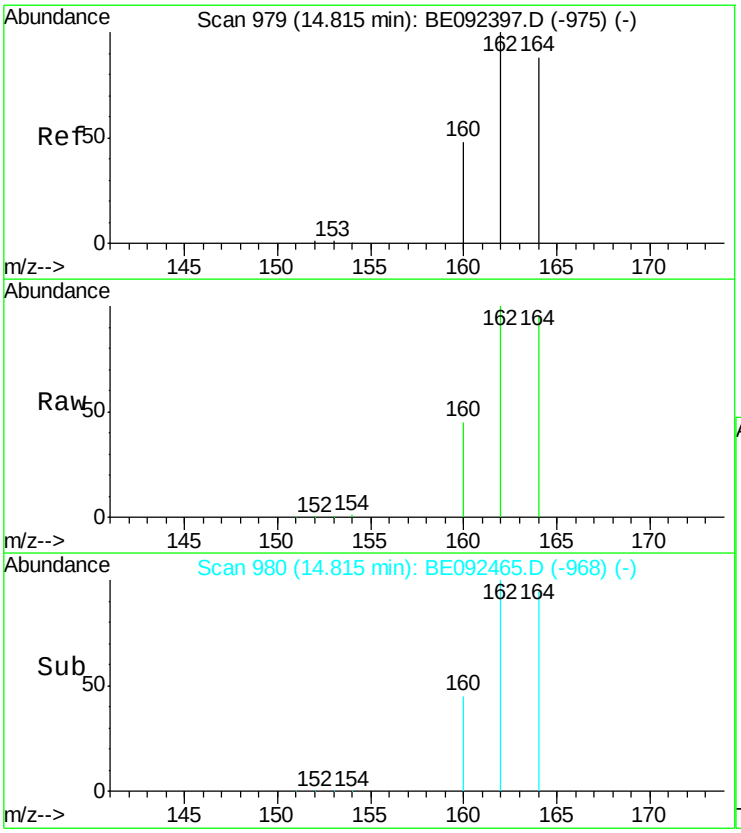
#8
Nitrobenzene-d5
Concen: 3.89 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion: 82 Resp: 12397

Ion	Ratio	Lower	Upper
82	100		
128	38.4	39.0	58.4#
54	49.6	44.8	67.2

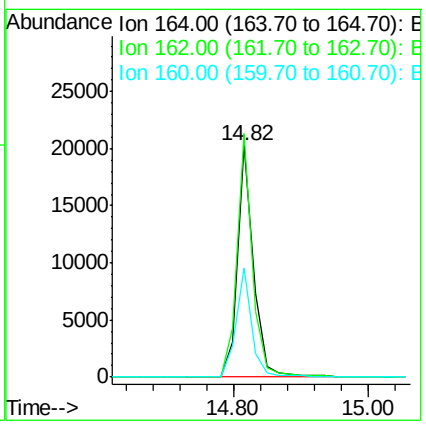


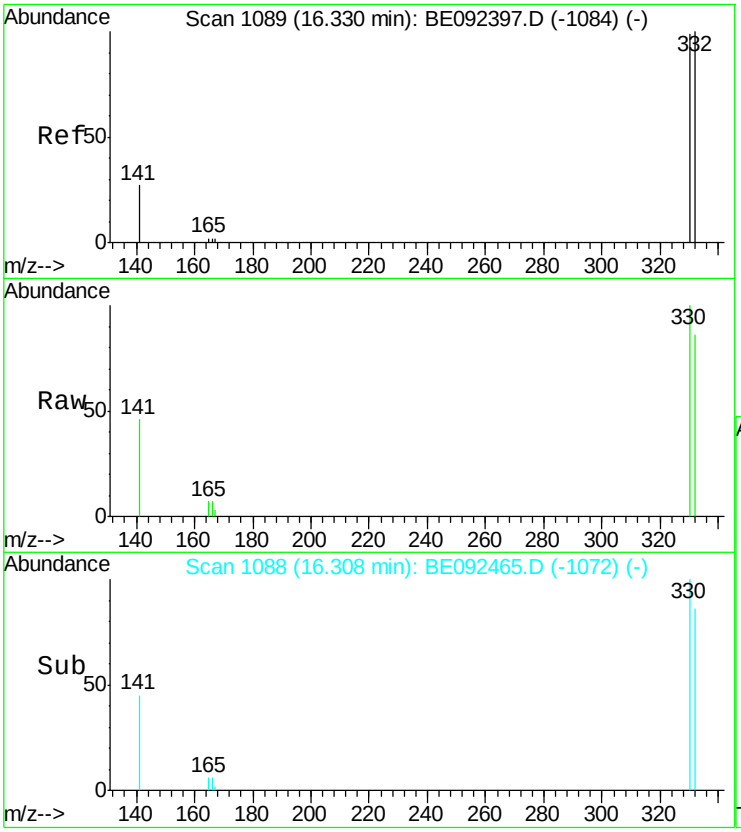


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:164 Resp: 32879

Ion	Ratio	Lower	Upper
164	100		
162	105.1	71.4	107.0
160	47.4	27.4	41.2#



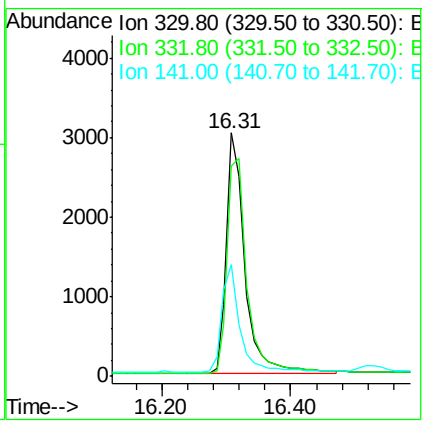


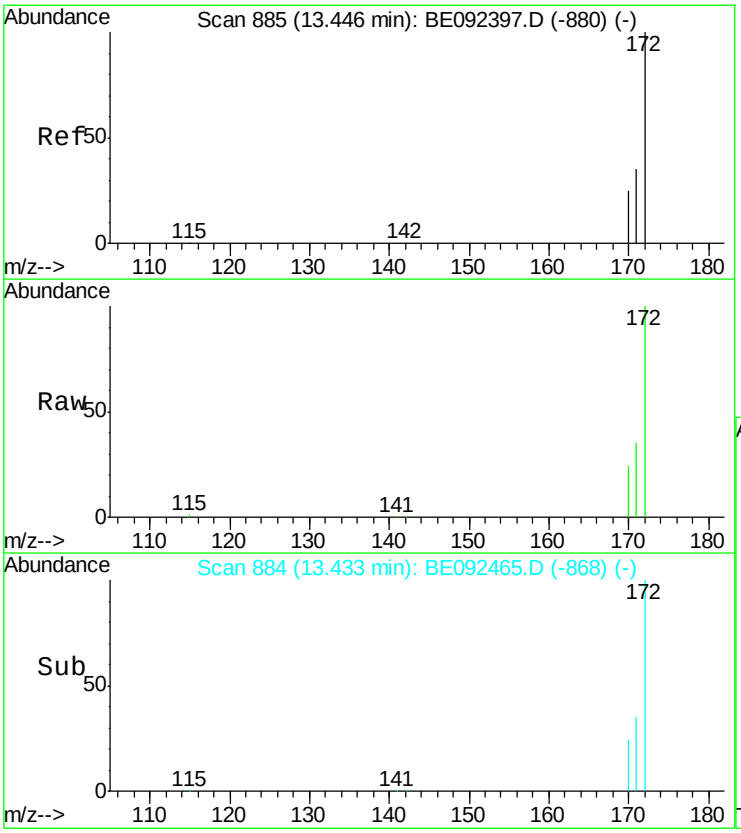
#13
2,4,6-Tribromophenol
Concen: 5.18 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion:330 Resp: 5964

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	45.0	31.0	46.6

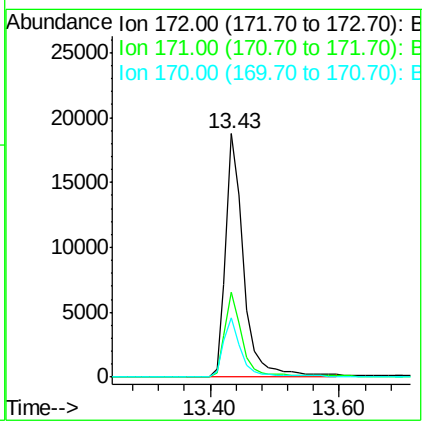


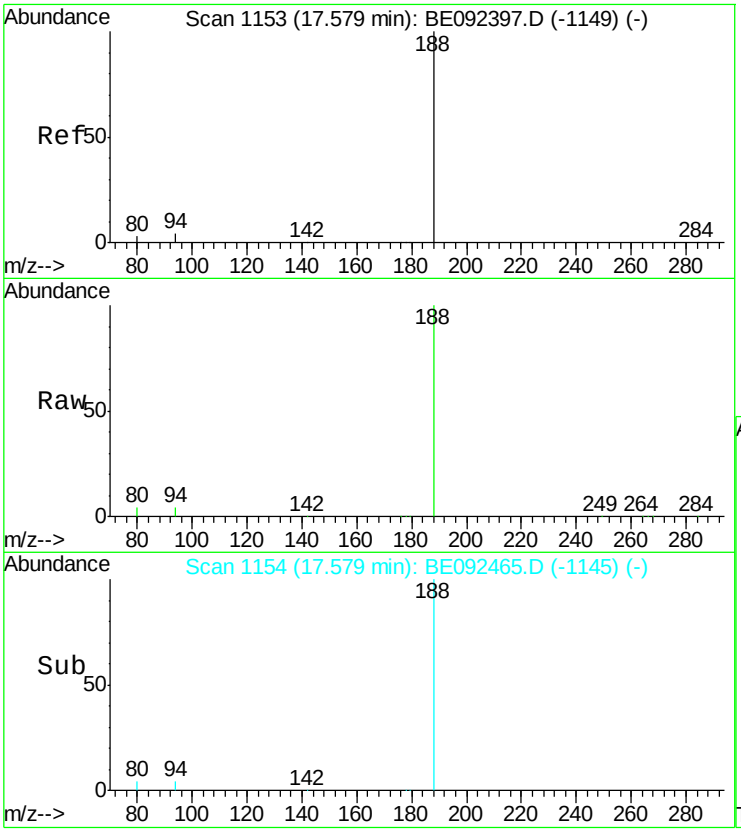


#14
2-Fluorobiphenyl
Concen: 4.61 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:172 Resp: 35912

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.1	45.1
170	24.3	21.8	32.6



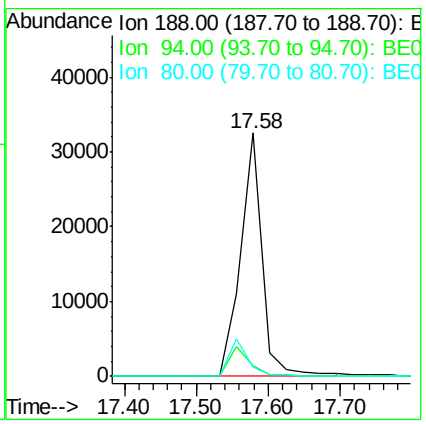


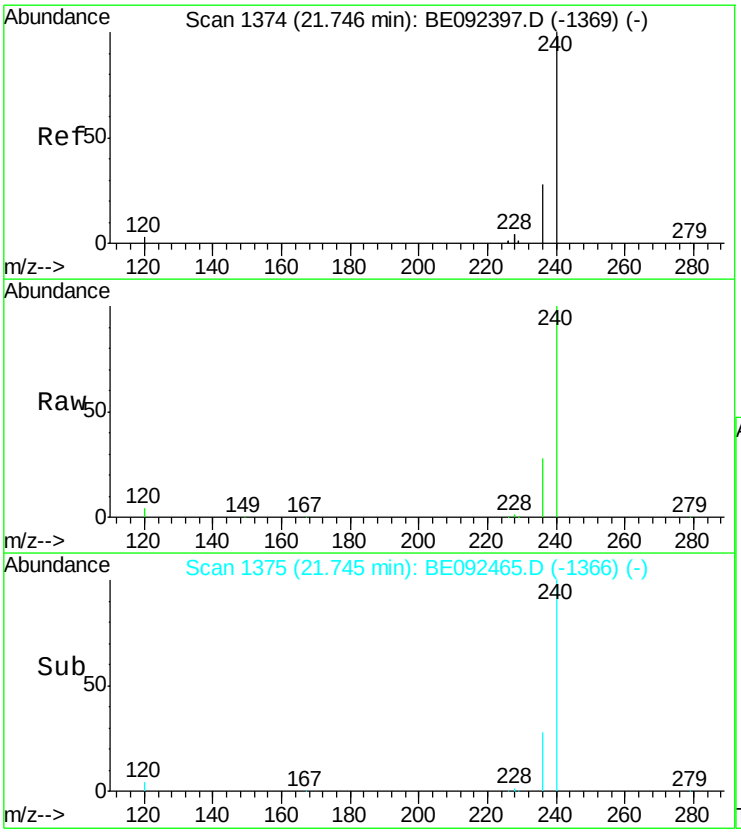
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion:188 Resp: 67233

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

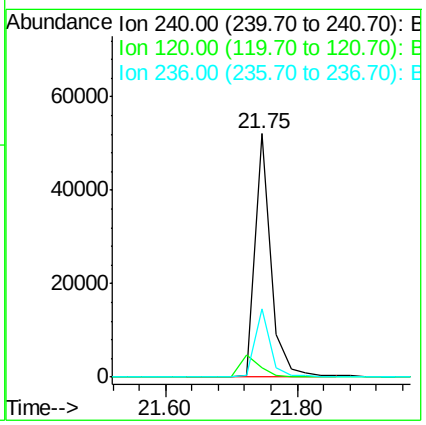


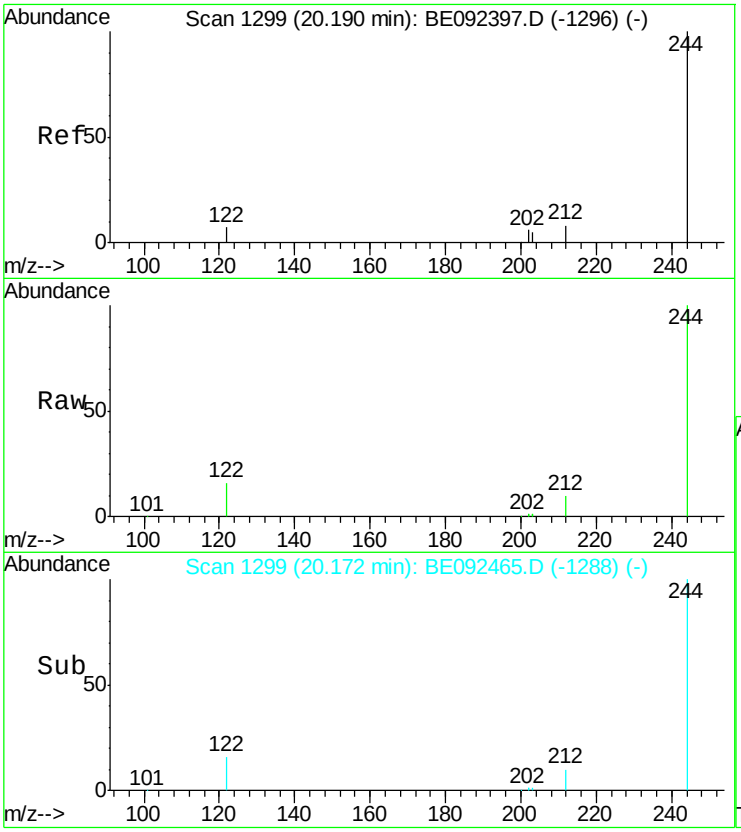


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:240 Resp: 88162

Ion	Ratio	Lower	Upper
240	100		
120	3.7	2.6	4.0
236	28.2	24.6	37.0



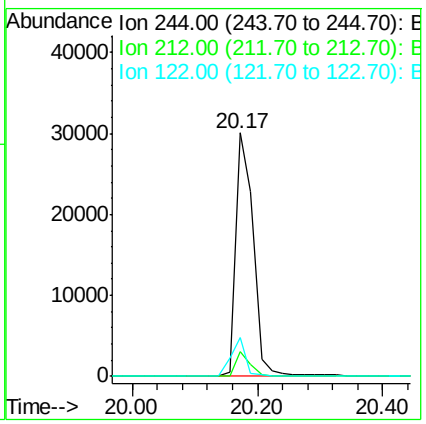


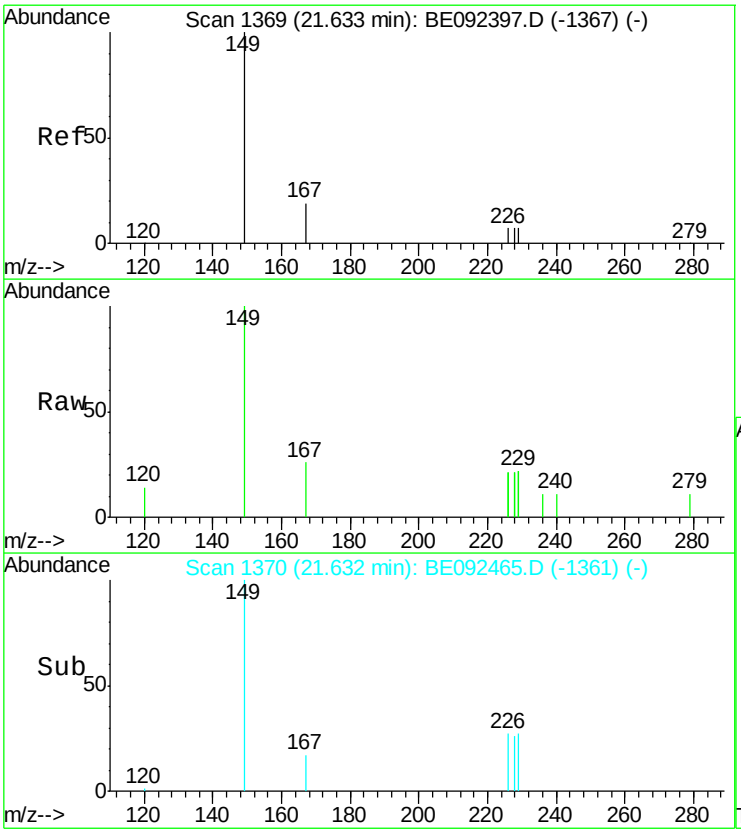
#26
Terphenyl-d14
Concen: 5.32 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion:244 Resp: 58232

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.7	10.1#
122	16.0	3.6	5.4#

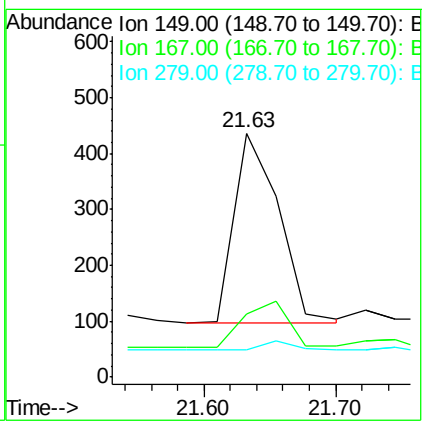


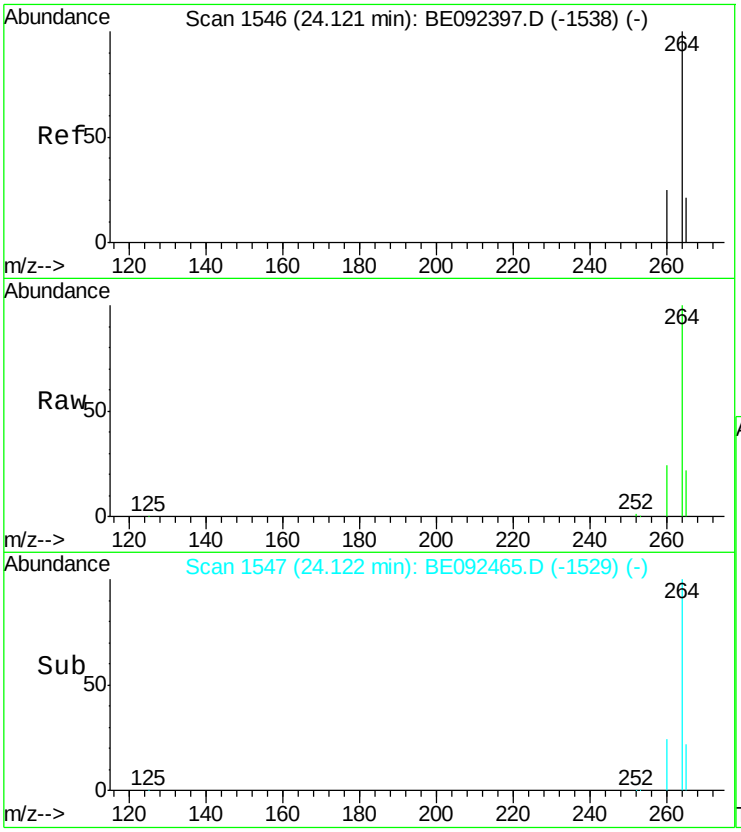


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Tgt Ion:149 Resp: 801

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





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BE092465.D
Acq: 21 Oct 2016 13:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161018

Tgt Ion:264 Resp: 74758

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.2	17.9	26.9