Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092982.D
Acq On : 10 May 2017 15:11
Operator : SJ/MA
Sample : PB98586BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB98586BL

Quant Time: May 11 05:17:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	41913	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	163239	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	76428	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	180147	0.40	ng	0.00
26) Chrysene-d12	21.28	240	199618	0.40	ng	0.00
33) Perylene-d12	23.70	264	195115	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	341594	2.90	ng	0.00
5) Phenol-d6	6.94	99	490940	3.33	ng	0.00
8) Nitrobenzene-d5	8.90	82	267904	2.10	ng	0.00
11) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng	
14) 2,4,6-Tribromophenol	15.88	330	70563	3.54	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	505042	1.76	ng	0.00
24) Fluoranthene-d10	0.00	212	0	0.00	ng	
28) Terphenyl-d14	19.74	244	509340	1.66	ng	0.00

Target Compounds	Qvalue

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

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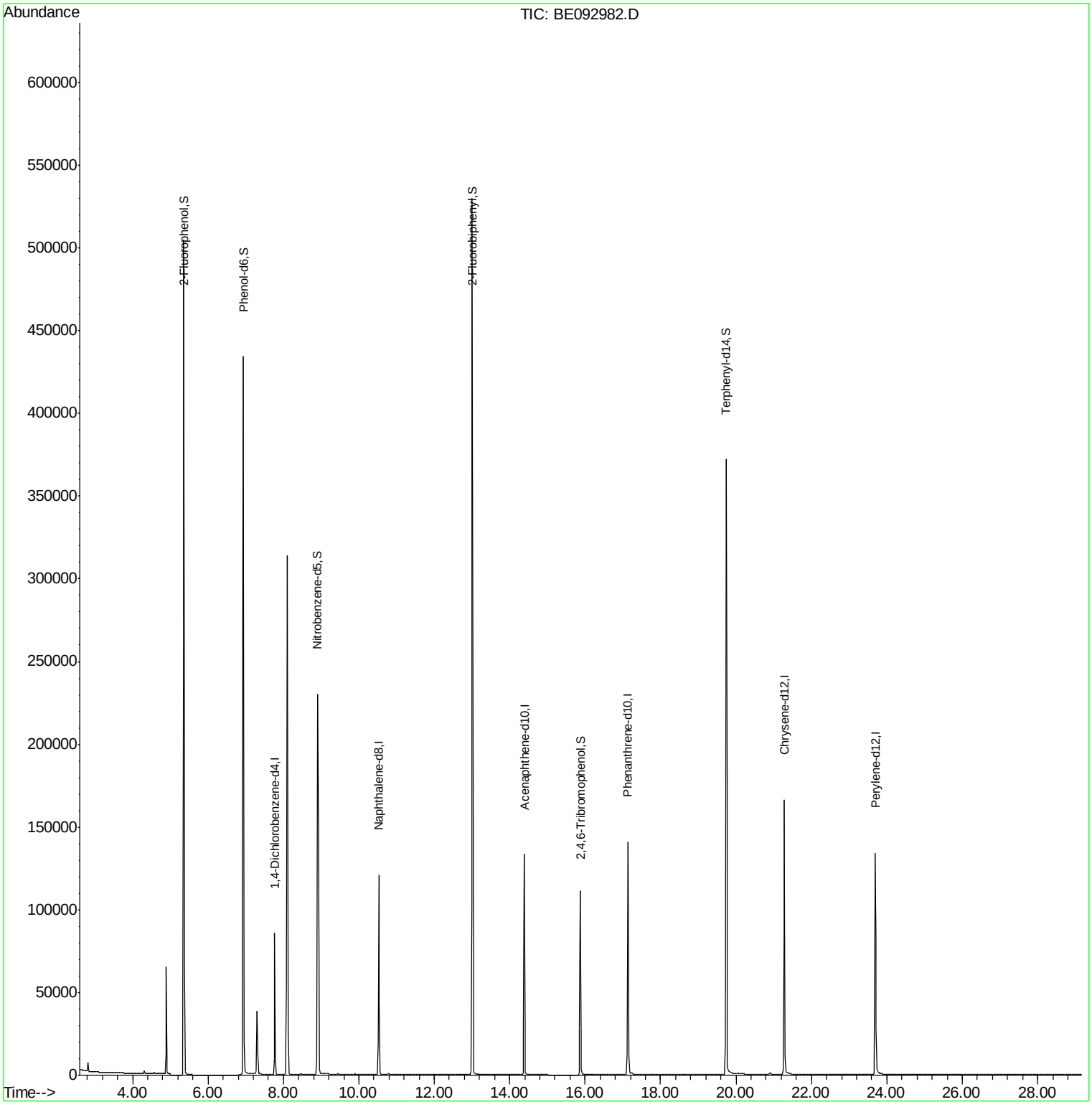
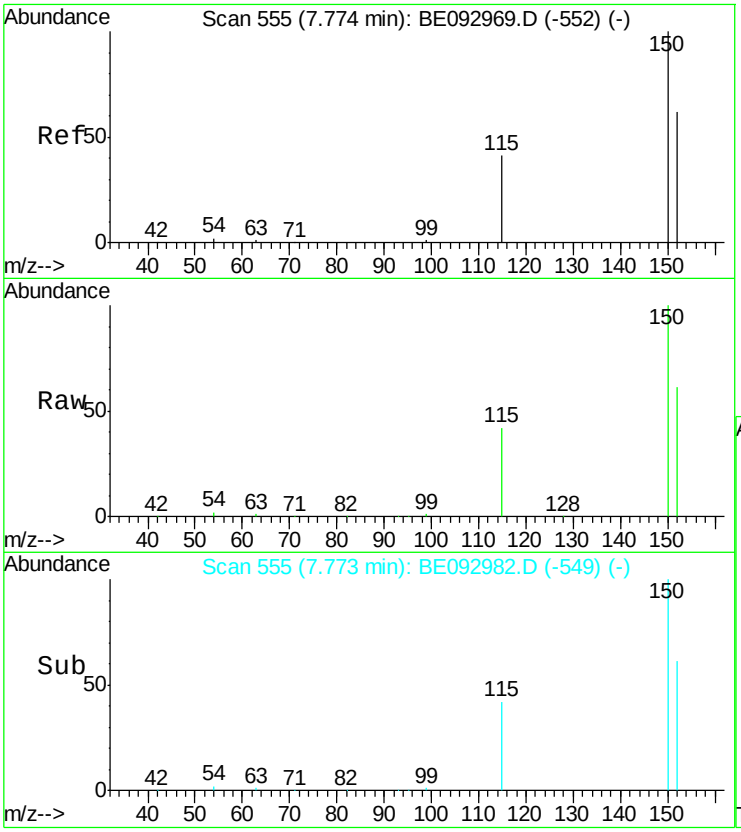


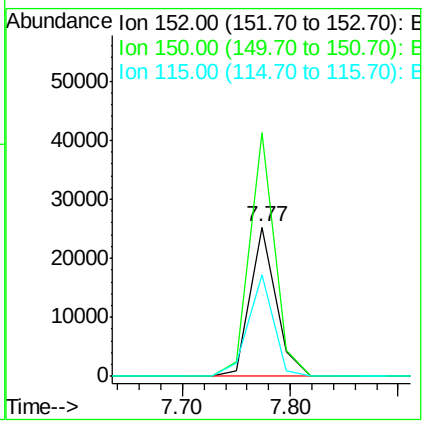


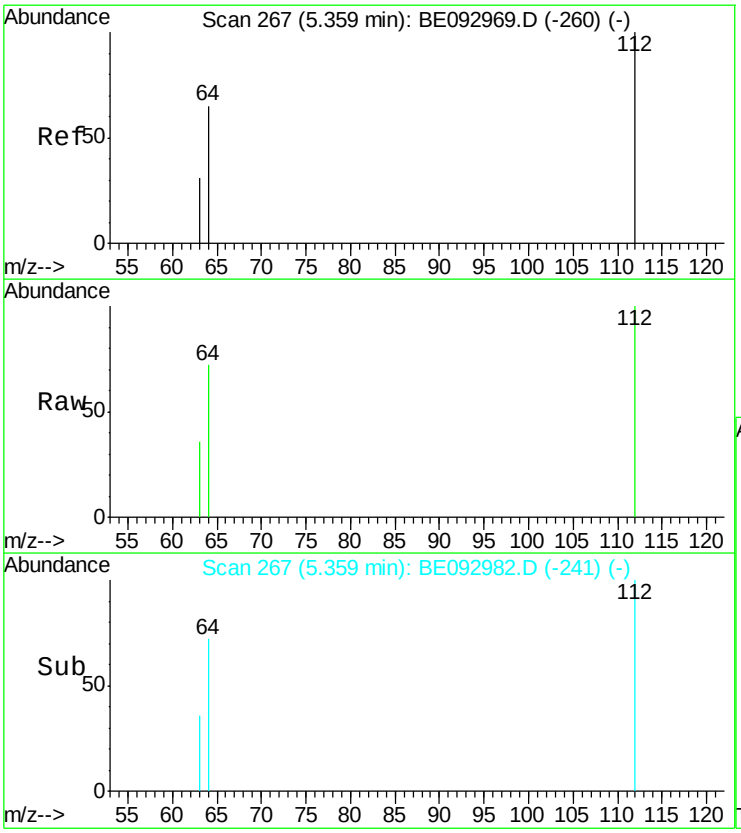
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion:152 Resp: 41913

Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.1	187.7
115	67.9	55.7	83.5

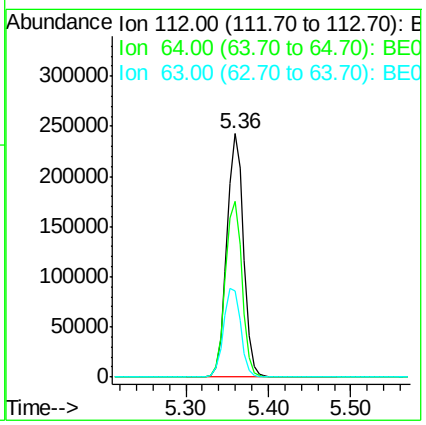


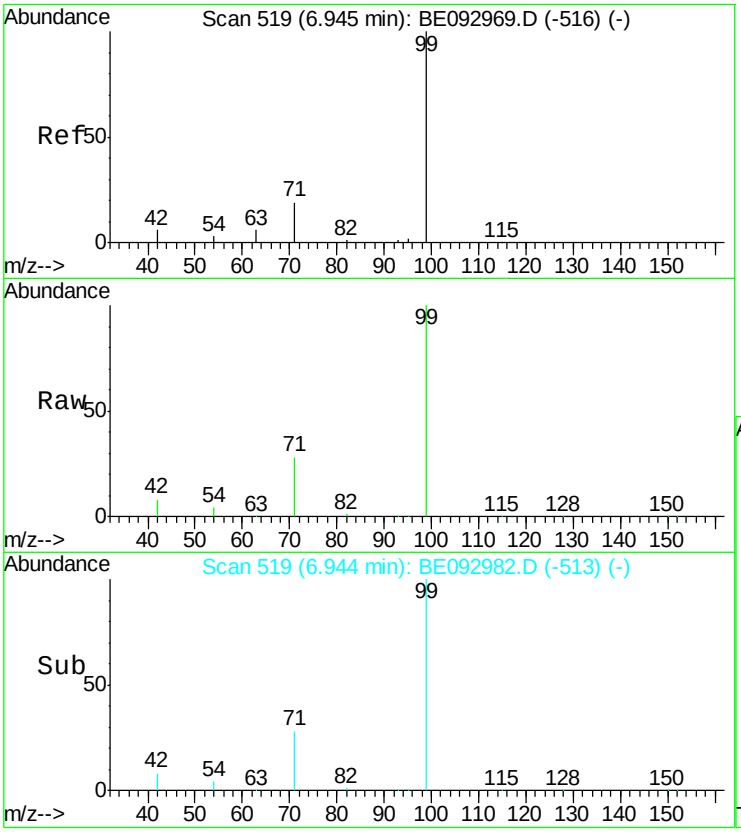


#4
2-Fluorophenol
Concen: 2.90 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:112 Resp: 341594

Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.4	84.6
63	37.3	29.3	43.9



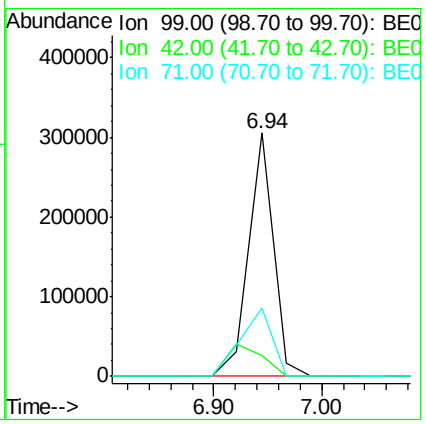


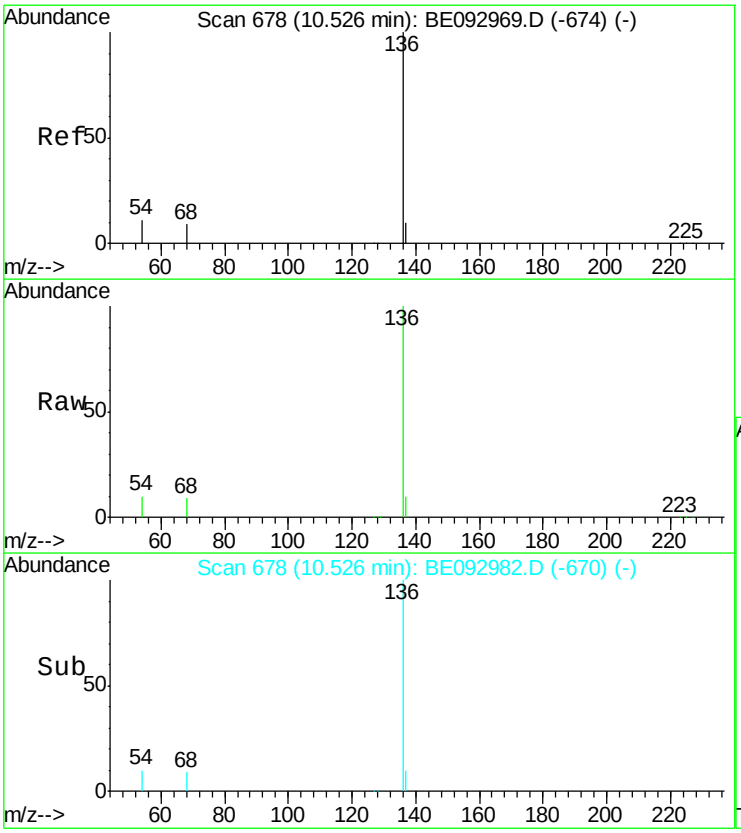
#5
Phenol-d6
Concen: 3.33 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion: 99 Resp: 490940

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	35.3	0.0	0.0#

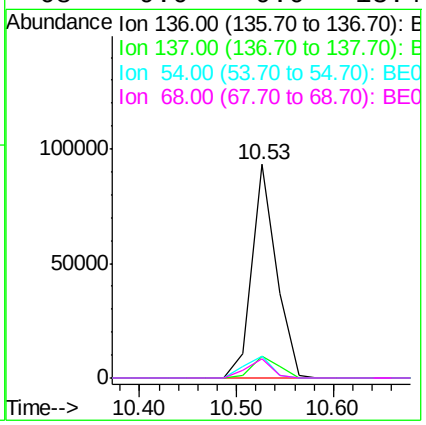


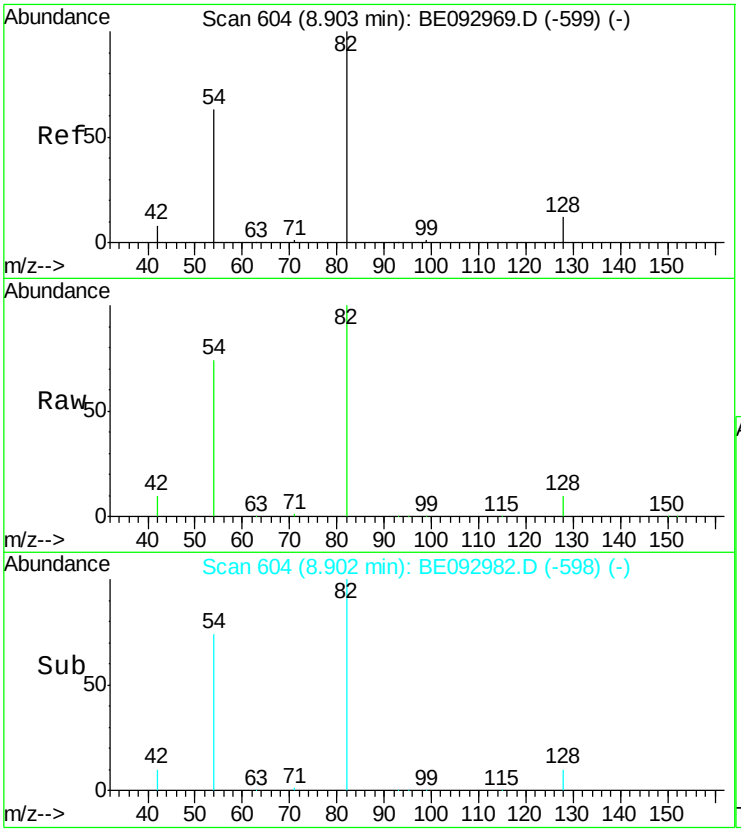


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:136 Resp: 163239

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.8
54	10.3	10.3	15.5
68	9.0	9.0	13.4



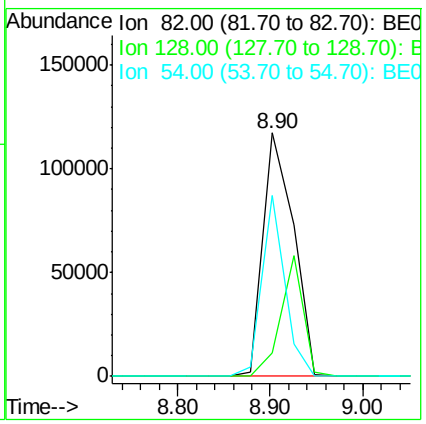


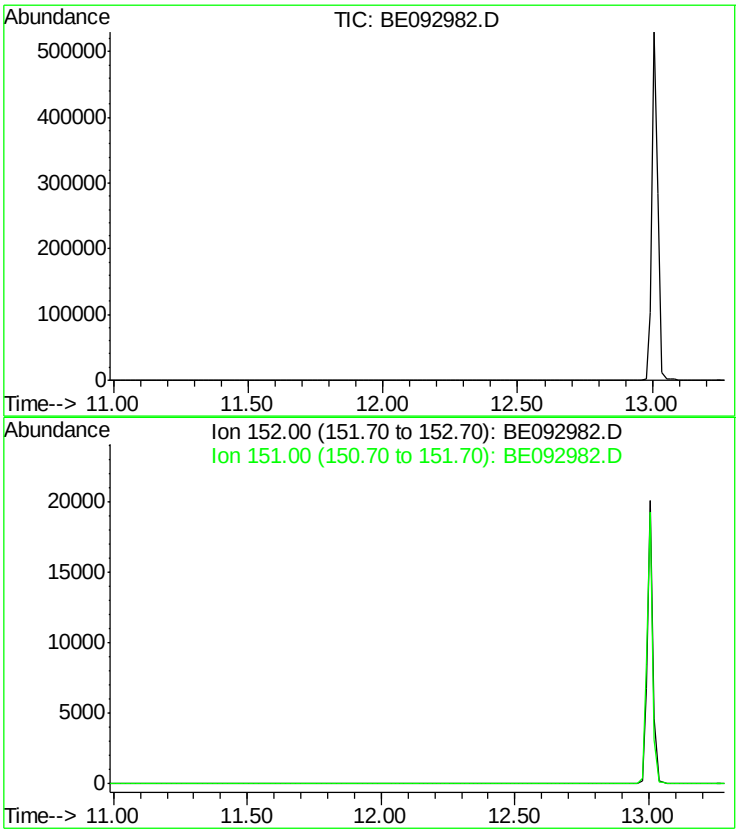
#8
Nitrobenzene-d5
Concen: 2.10 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion: 82 Resp: 267904

Ion	Ratio	Lower	Upper
82	100		
128	9.9	17.0	25.4#
54	74.2	53.8	80.6



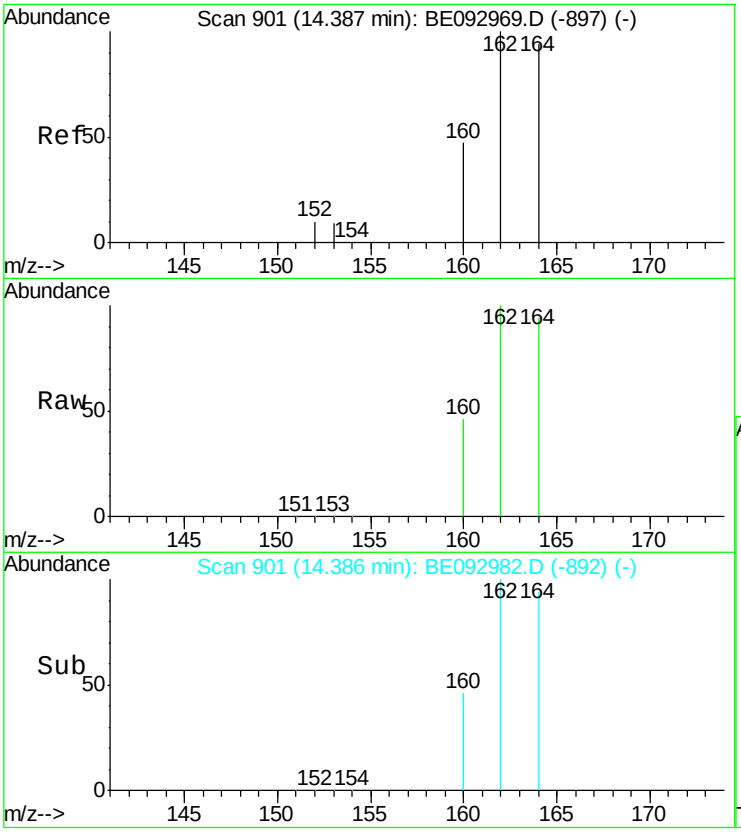


#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
Expected RT: 12.13 min

Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion: 152

Sig	Exp Ratio
152	100
151	18.9

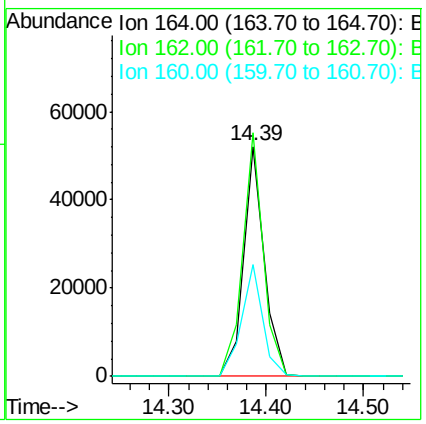


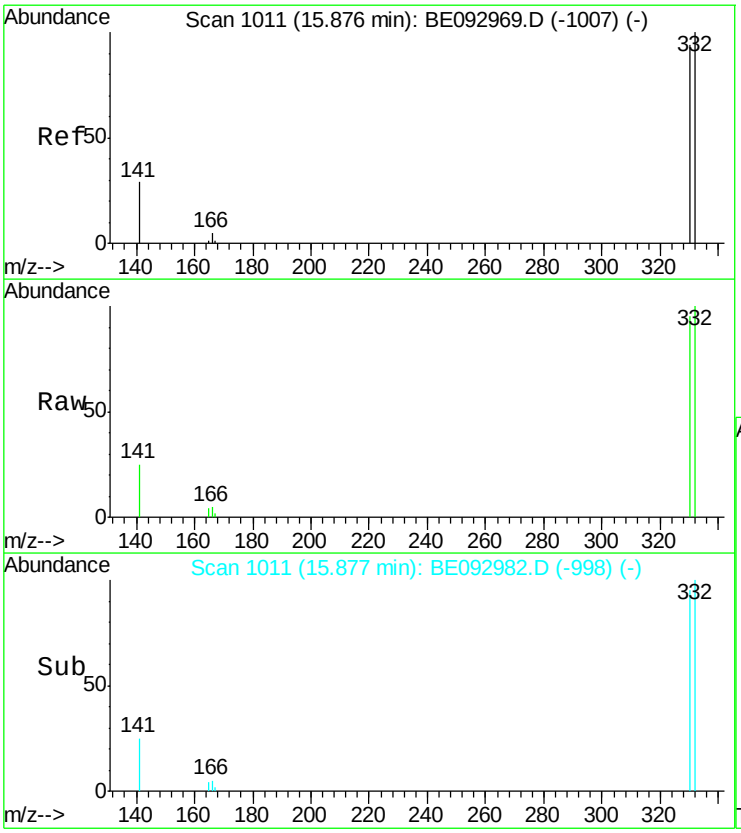
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion:164 Resp: 76428

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.6	127.0
160	48.8	41.8	62.6

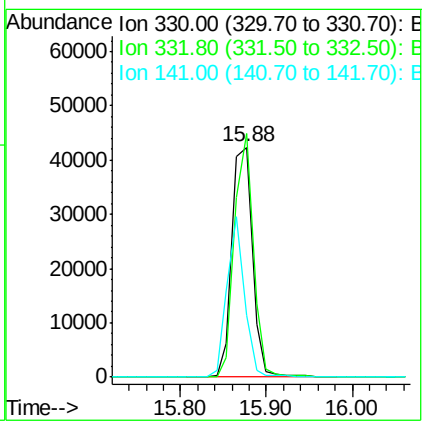


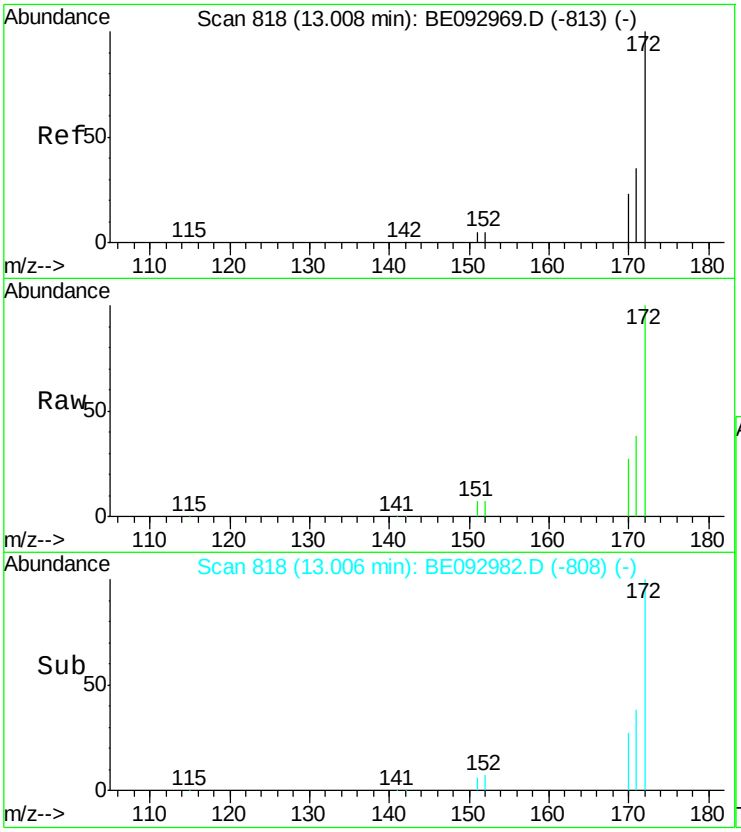


#14
2,4,6-Tribromophenol
Concen: 3.54 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:330 Resp: 70563

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	59.3	56.2	84.4



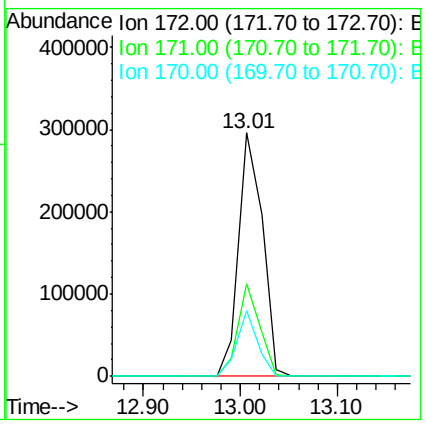


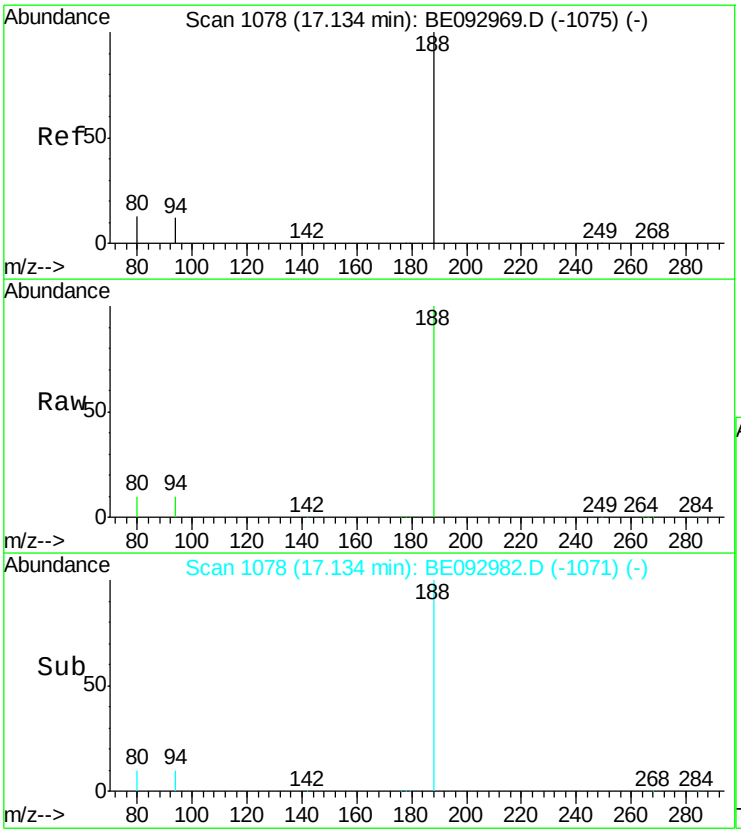
#15
2-Fluorobiphenyl
Concen: 1.76 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion:172 Resp: 505042

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	27.2	20.7	31.1

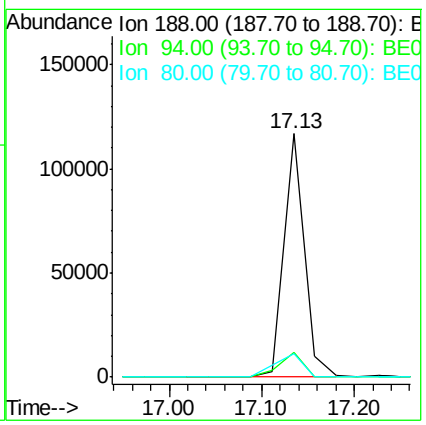


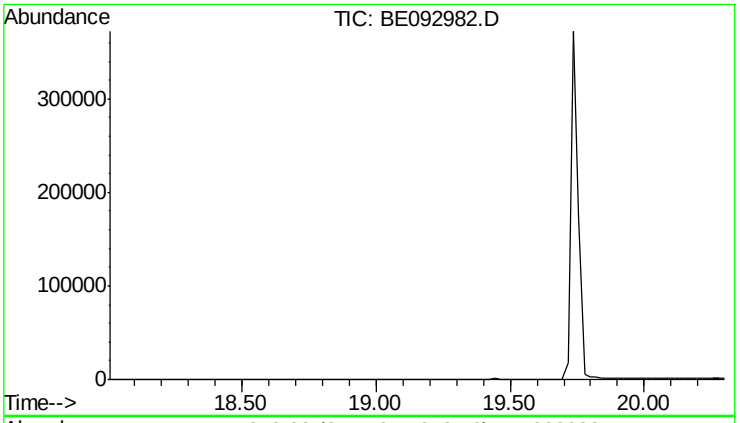


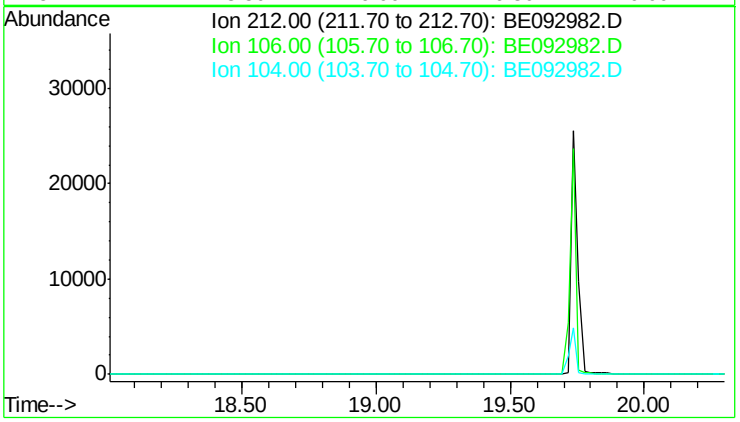
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:188 Resp: 180147

Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.3	16.9#
80	9.8	11.7	17.5#







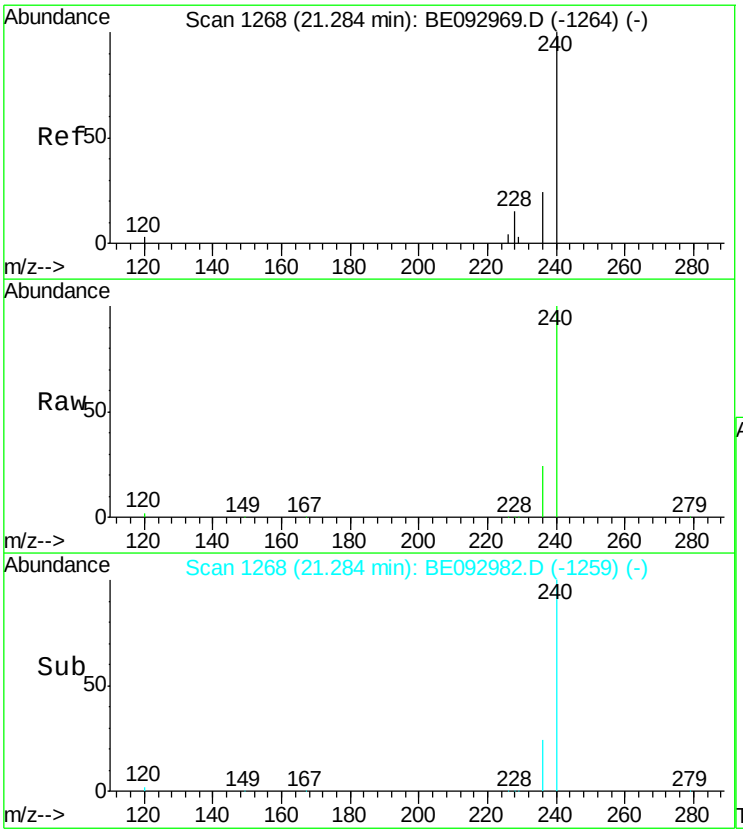
#24
Fluoranthene-d10
Concen: 0.00 ng
Expected RT: 19.15 min

Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion: 212

Sig	Exp Ratio
212	100
106	0.0
104	0.0

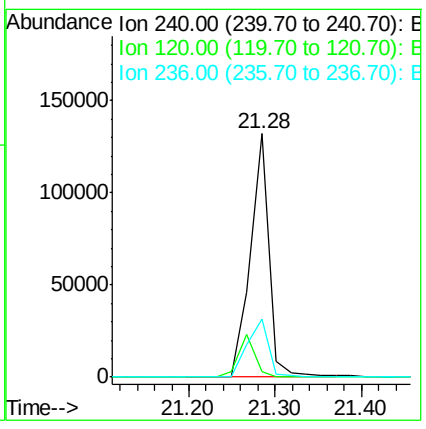
Instrument :
BNA_E
ClientSampleId :
PB98586BL

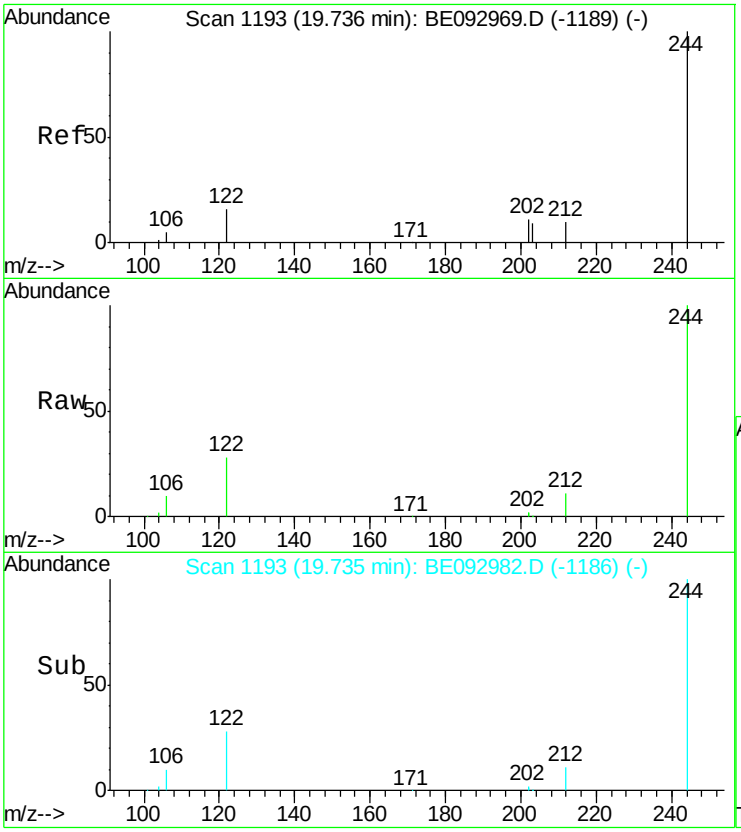


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:240 Resp: 199618

Ion	Ratio	Lower	Upper
240	100		
120	2.0	4.6	7.0#
236	23.6	20.8	31.2



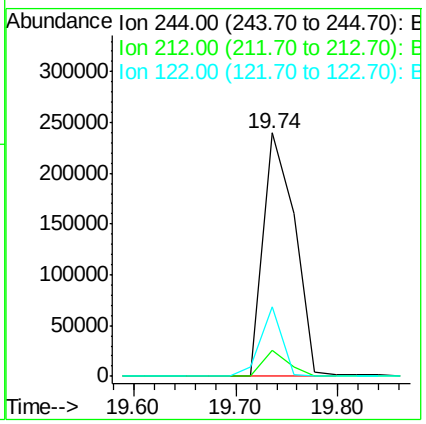


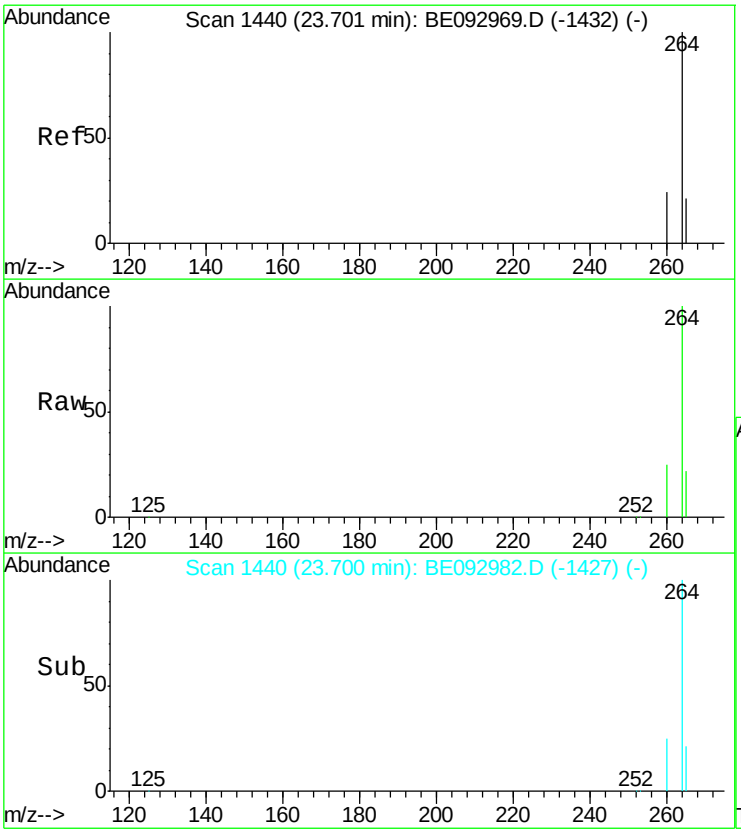
#28
Terphenyl-d14
Concen: 1.66 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Instrument :
BNA_E
ClientSampleId :
PB98586BL

Tgt Ion:244 Resp: 509340

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.6	16.0
122	28.4	15.4	23.0#





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:264 Resp: 195115

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	21.6	24.6	36.8#