Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
Data File : BE094428.D
Acq On : 17 Oct 2017 12:26
Operator : SJ/JU
Sample : PB102812BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB102812BL

Quant Time: Oct 17 20:27:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	58759	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	299878	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	179355	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	375417	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	429699	0.40	ng	0.00
34) Perylene-d12	23.96	264	421554	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	562105	2.83	ng	0.00
5) Phenol-d6	7.10	99	838065	2.71	ng	-0.03
8) Nitrobenzene-d5	9.06	82	529224	2.03	ng	-0.02
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	16.03	330	148778	2.18	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1107368	1.73	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.87	244	1409141	1.63	ng	0.00

Target Compounds	Qvalue

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

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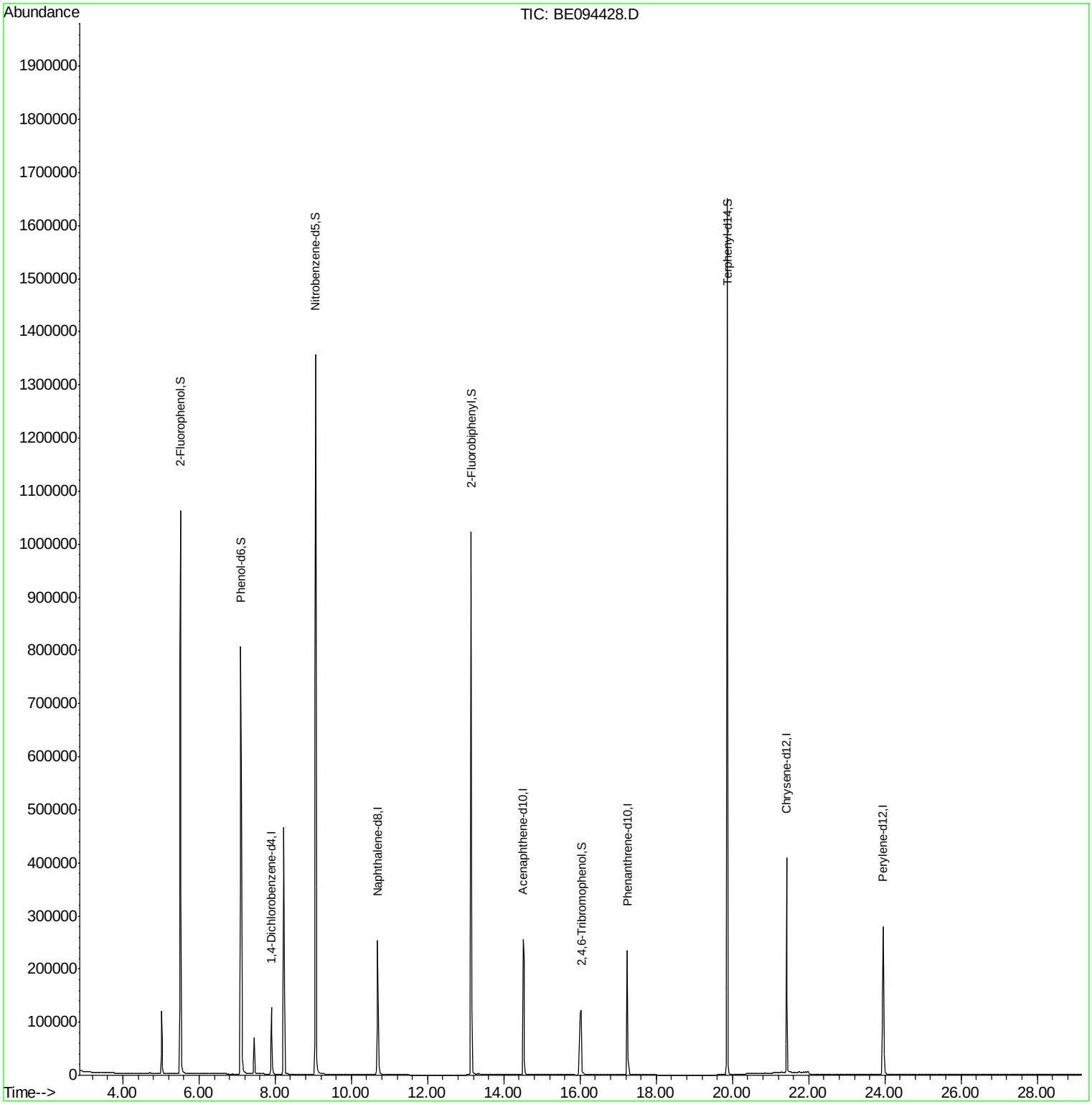
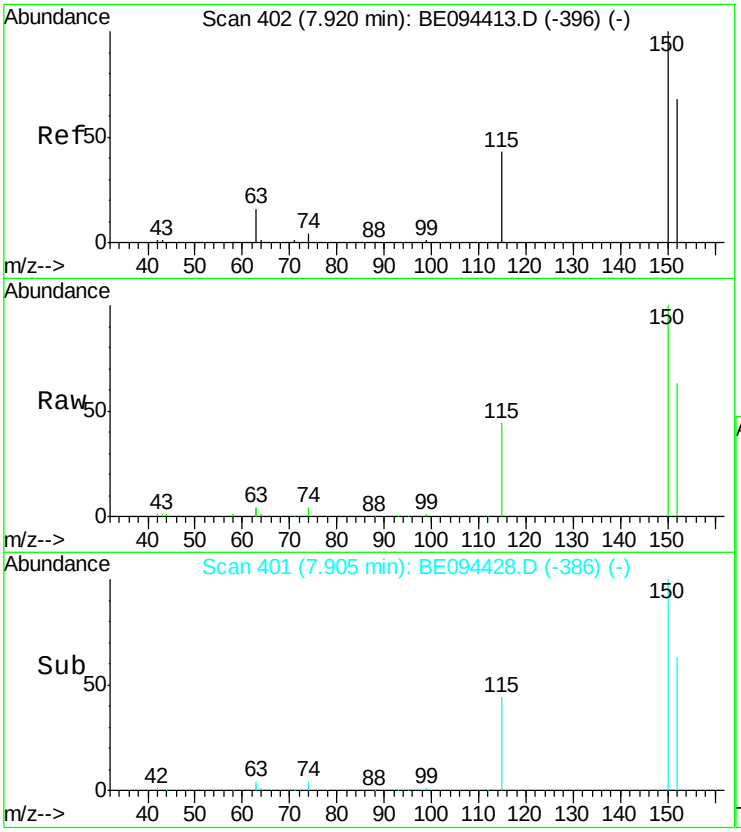


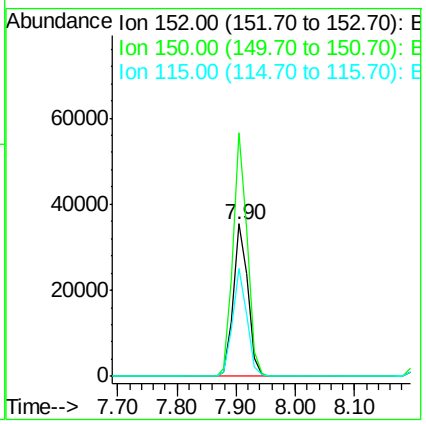


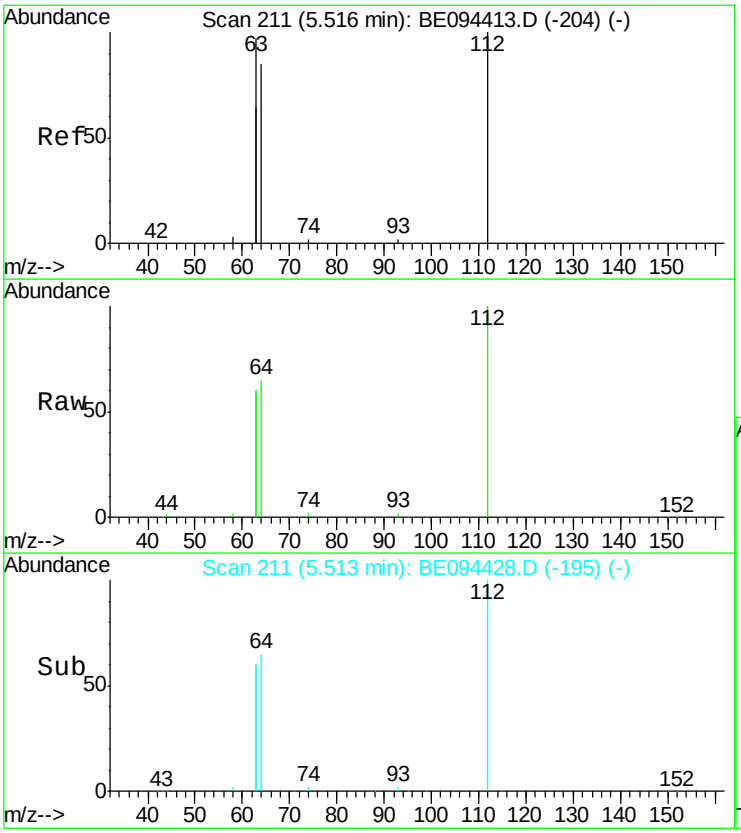
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion:152 Resp: 58759

Ion	Ratio	Lower	Upper
152	100		
150	159.7	117.2	175.8
115	70.6	57.0	85.6

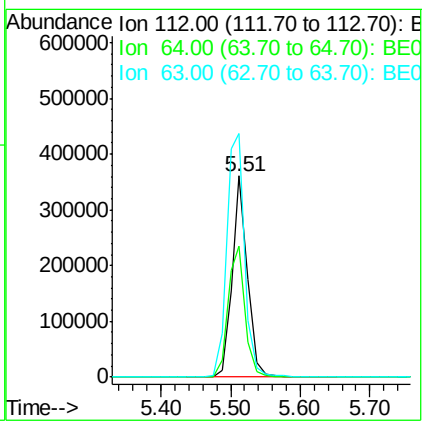


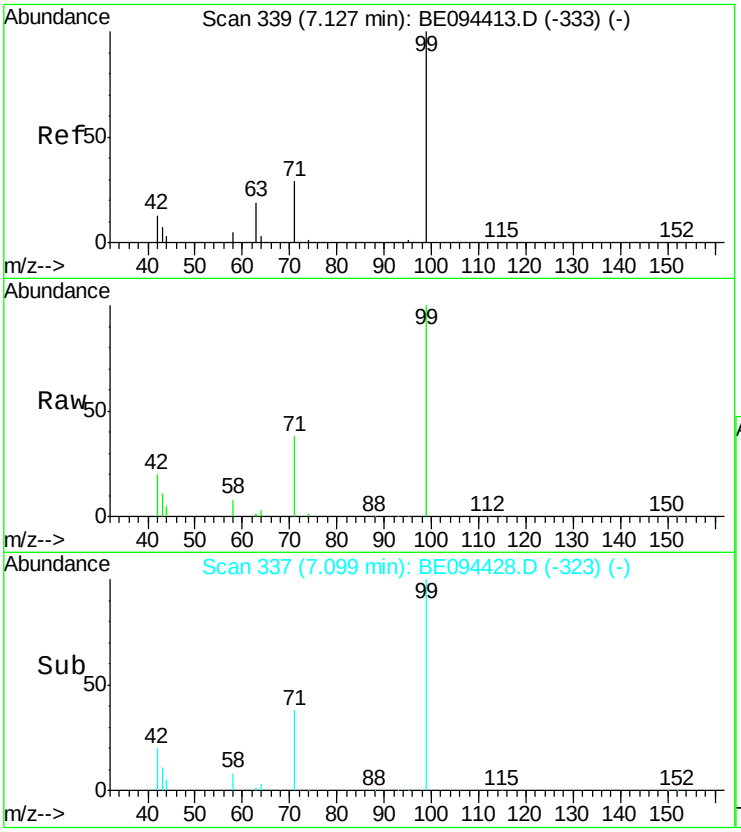


#4
2-Fluorophenol
Concen: 2.831 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:112 Resp: 562105

Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.1	90.1
63	142.4	116.8	175.2



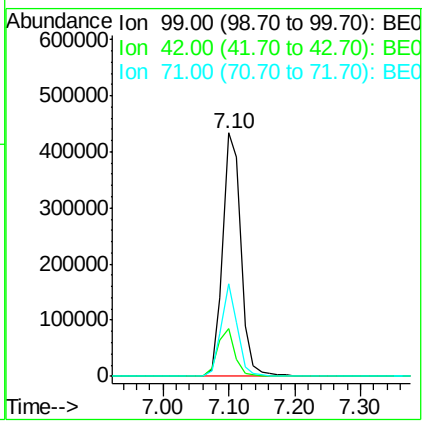


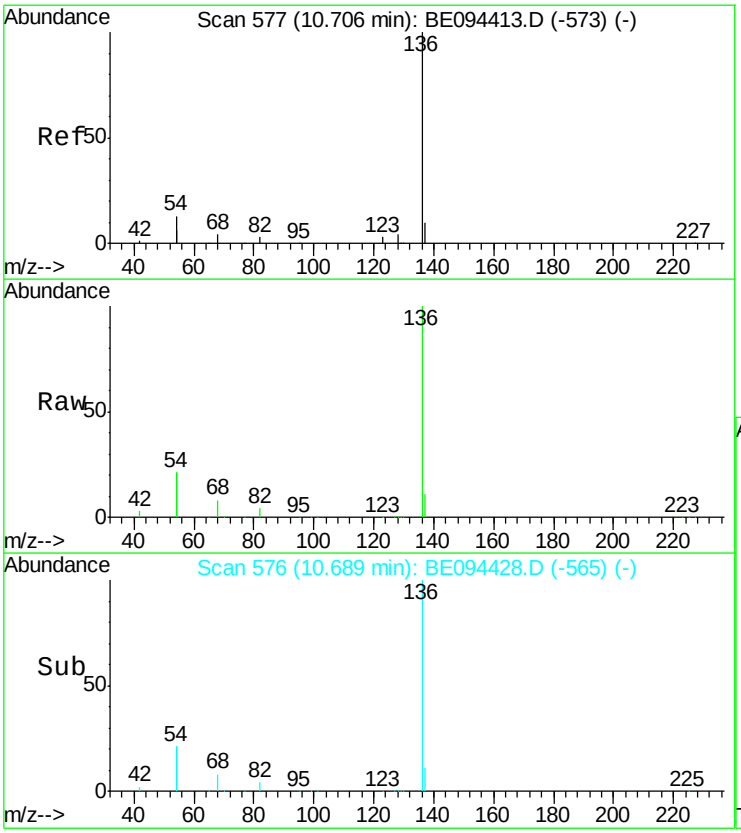
#5
Phenol-d6
Concen: 2.706 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.03 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion: 99 Resp: 838065

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.2	30.2#
71	34.0	28.4	42.6

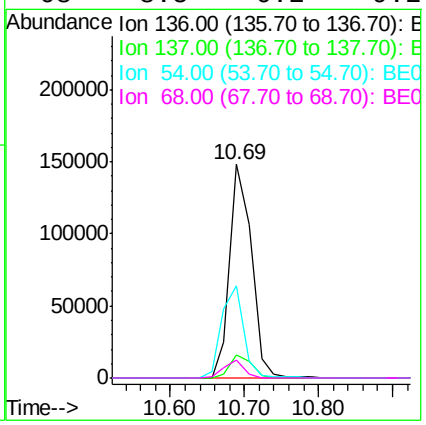


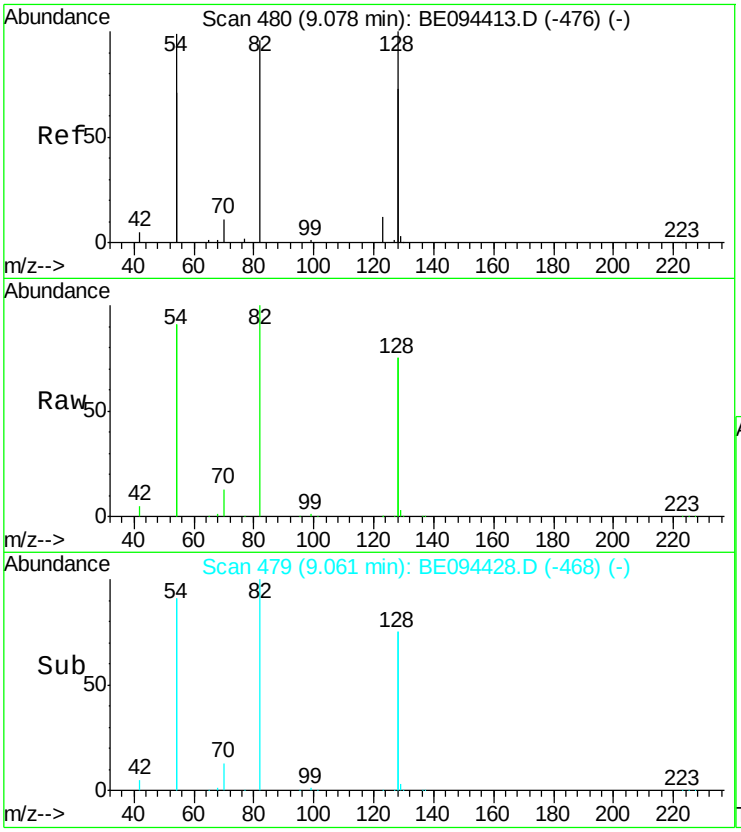


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:136 Resp: 299878

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	43.0	29.1	43.7
68	8.5	6.2	9.2



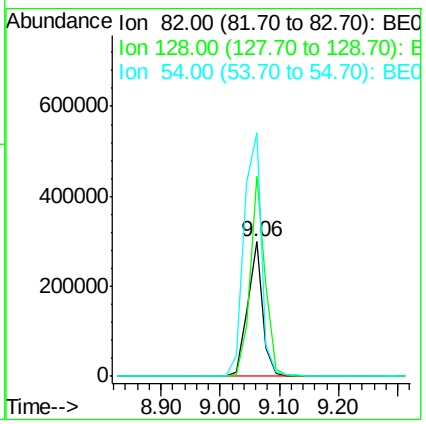


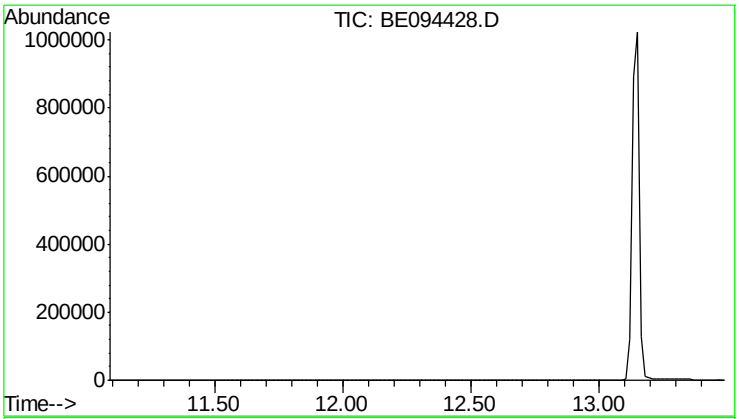
#8
Nitrobenzene-d5
Concen: 2.031 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion: 82 Resp: 529224

Ion	Ratio	Lower	Upper
82	100		
128	149.5	150.0	225.0#
54	181.4	154.2	231.4



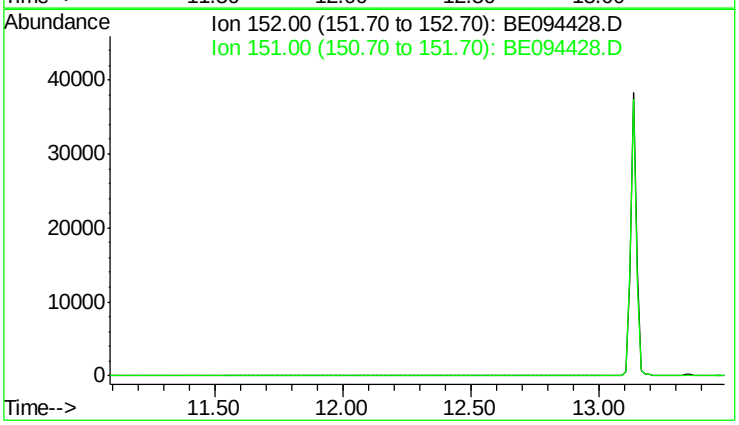


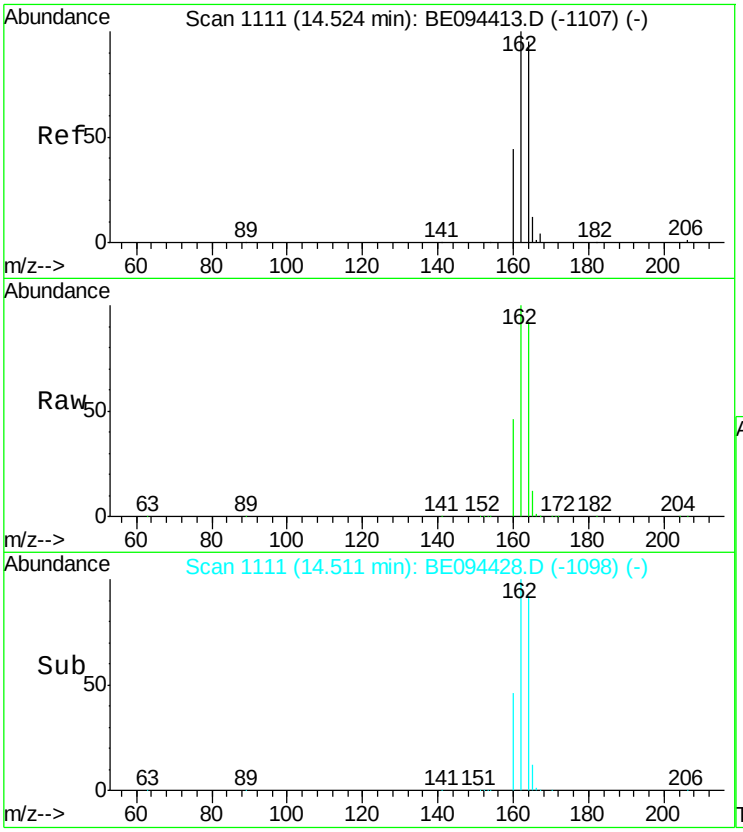
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 12.29 min

Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion: 152

Sig	Exp Ratio
152	100
151	19.2



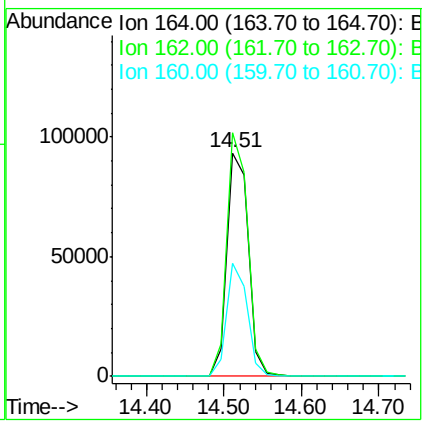


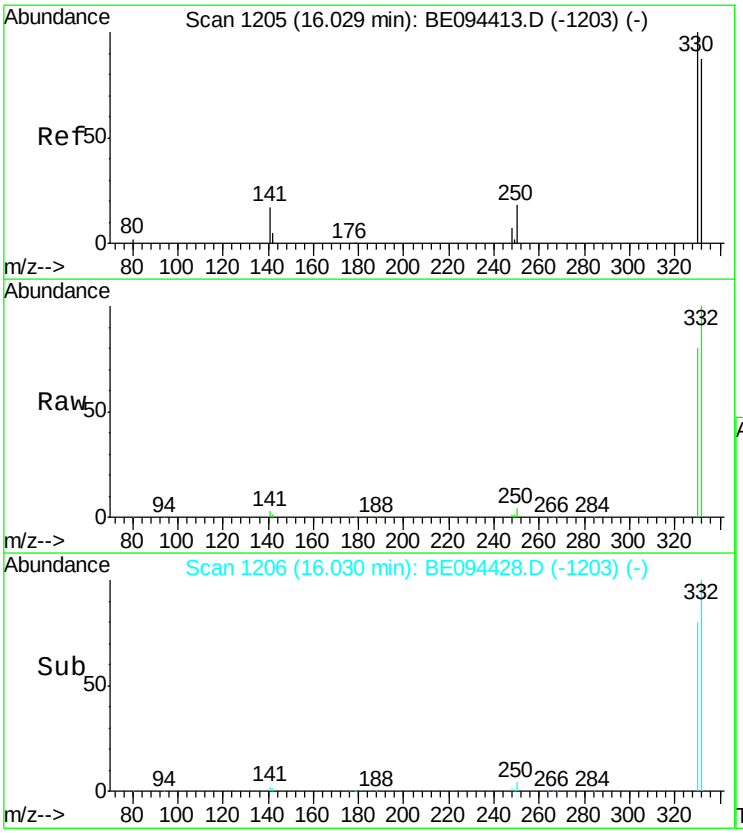
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion:164 Resp: 179355

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	50.5	37.1	55.7

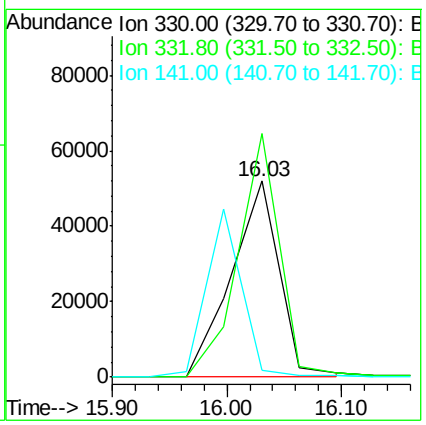


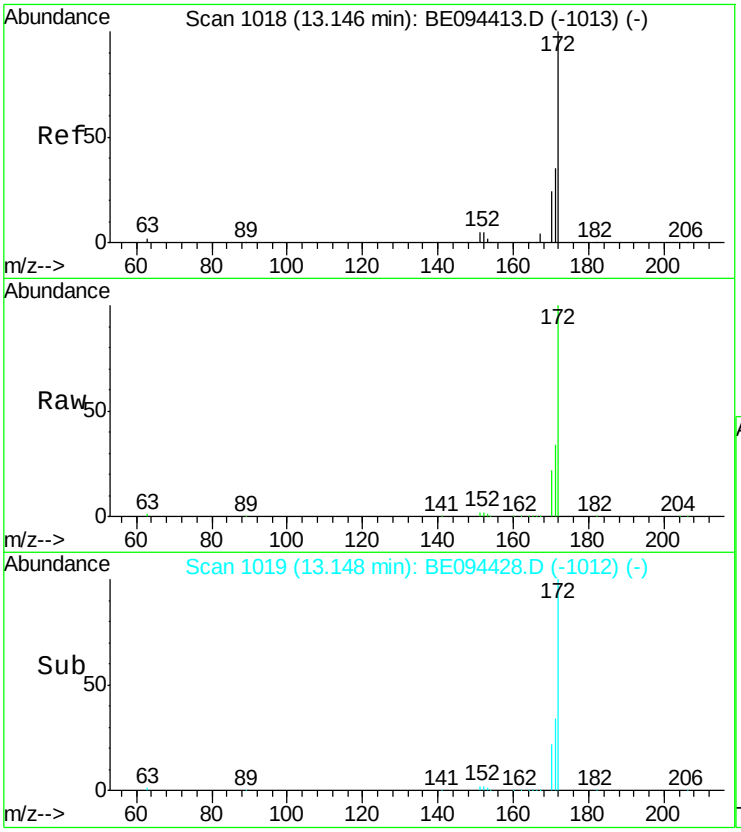


#14
2,4,6-Tribromophenol
Concen: 2.177 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:330 Resp: 148778

Ion	Ratio	Lower	Upper
330	100		
332	107.2	152.7	229.1#
141	0.0	33.7	50.5#



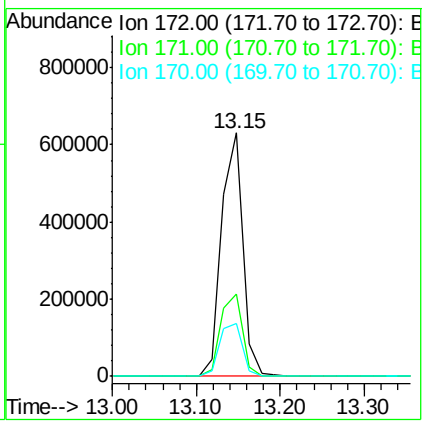


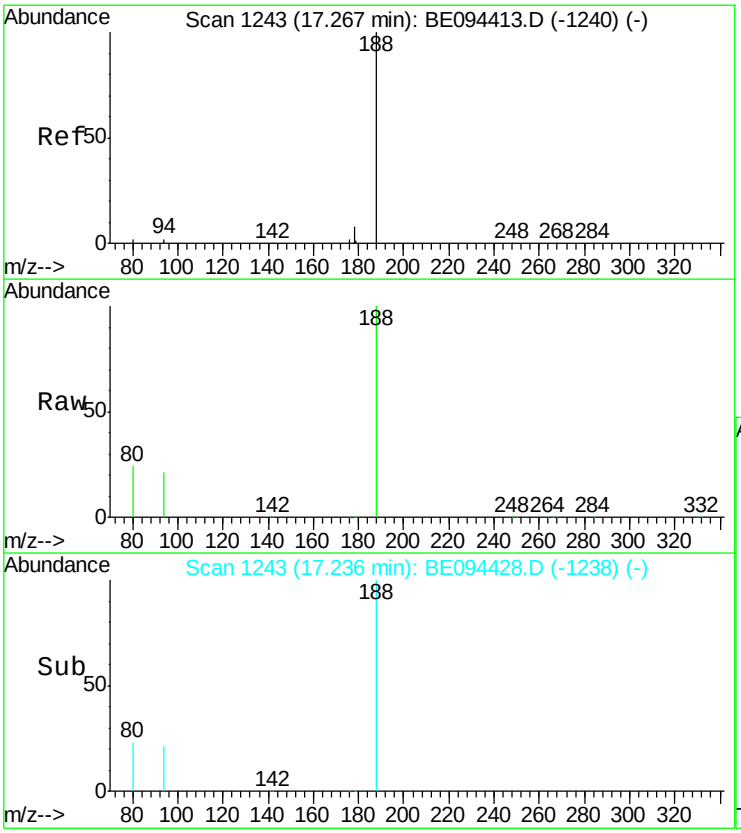
#15
2-Fluorobiphenyl
Concen: 1.730 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion:172 Resp: 1107368

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	21.6	21.8	32.8#

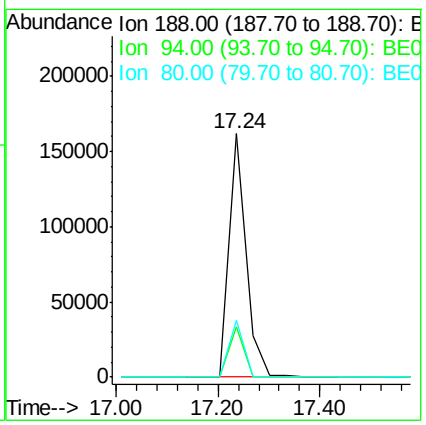


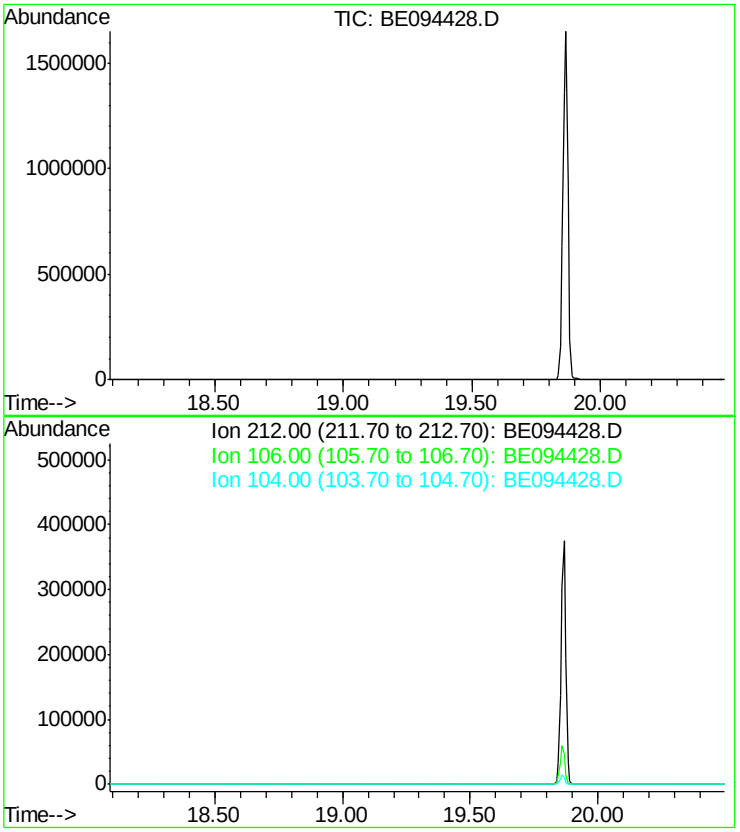


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:188 Resp: 375417

Ion	Ratio	Lower	Upper
188	100		
94	20.8	3.9	5.9#
80	23.5	3.6	5.4#





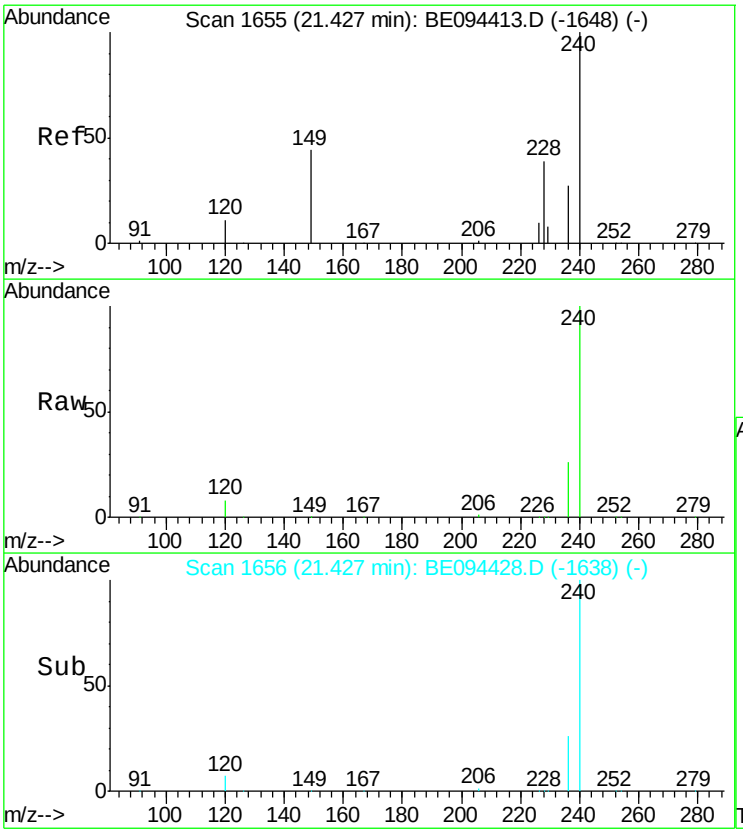
#25
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.29 min

Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion: 212

Sig	Exp Ratio
212	100
106	3.5
104	2.0

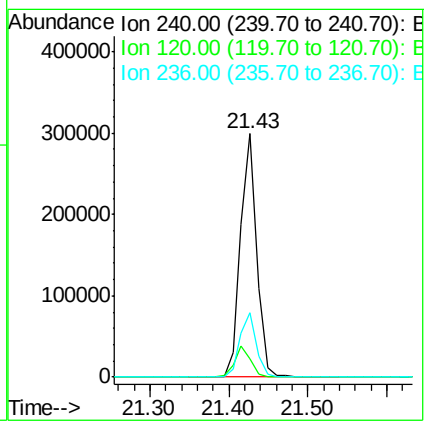
Instrument :
BNA_E
ClientSampleId :
PB102812BL

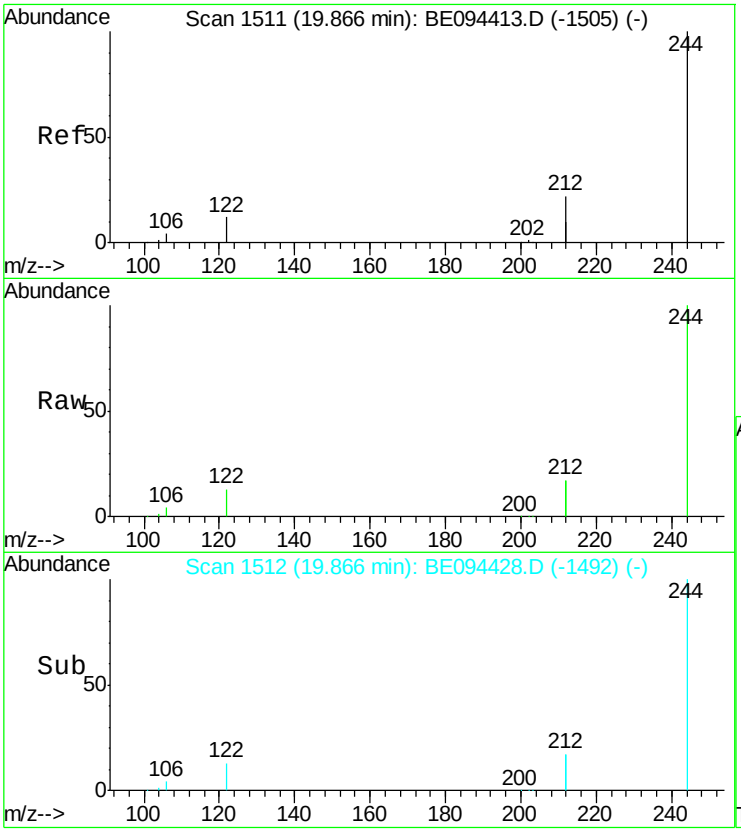


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:240 Resp: 429699

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.5	8.3
236	26.3	20.7	31.1



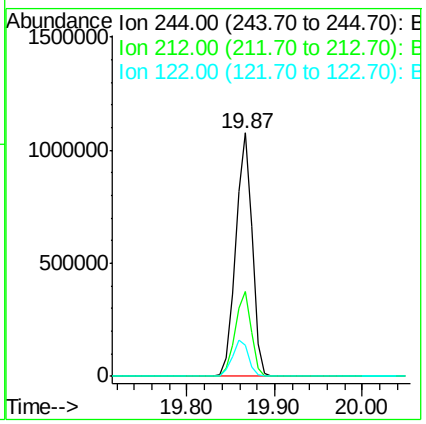


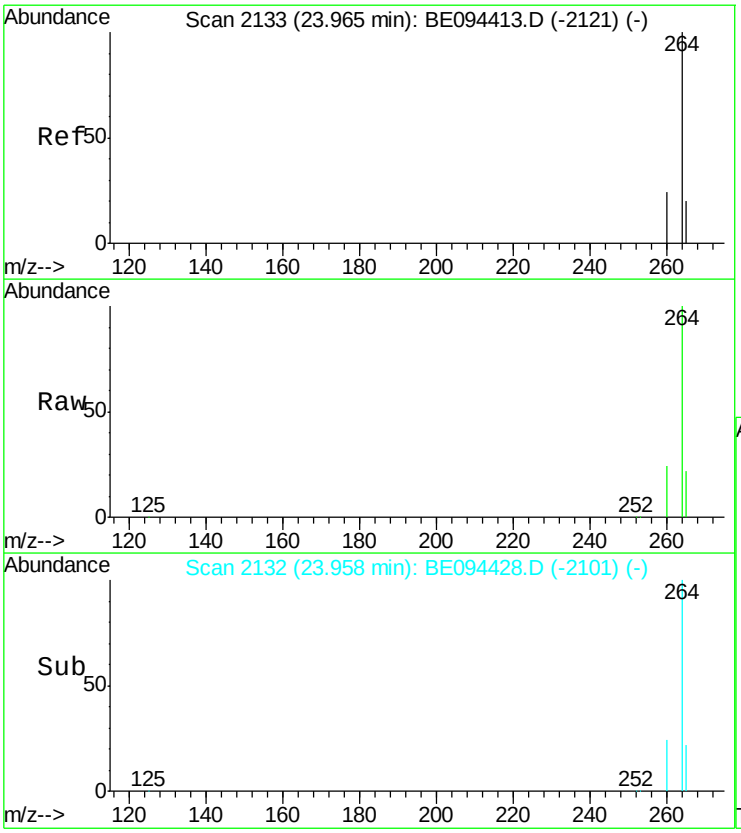
#29
Terphenyl-d14
Concen: 1.625 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion:244 Resp: 1409141

Ion	Ratio	Lower	Upper
244	100		
212	34.8	25.4	38.0
122	12.6	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:264 Resp: 421554

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	21.8	22.8	34.2#