Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
Data File : BE093689.D
Acq On : 5 Aug 2017 23:50
Operator : SJ/JU
Sample : I4427-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LASB-141-1

Quant Time: Aug 06 03:44:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3069	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	15640	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8902	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20265	0.40	ng	0.00
27) Chrysene-d12	21.41	240	22477	0.40	ng	0.00
34) Perylene-d12	23.92	264	20438	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2427	0.27	ng	0.00
5) Phenol-d6	7.09	99	3898	0.28	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3311	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5057	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	518	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6622	0.19	ng	-0.02
25) Fluoranthene-d10	19.27	212	38264	0.17	ng	0.00
29) Terphenyl-d14	19.86	244	5866	0.15	ng	0.00
Target Compounds						Qvalue
26) Fluoranthene	19.30	202	1632	0.023	ng	# 78
28) Pyrene	19.67	202	1468	0.020	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.30	149	9082	0.101	ng	97

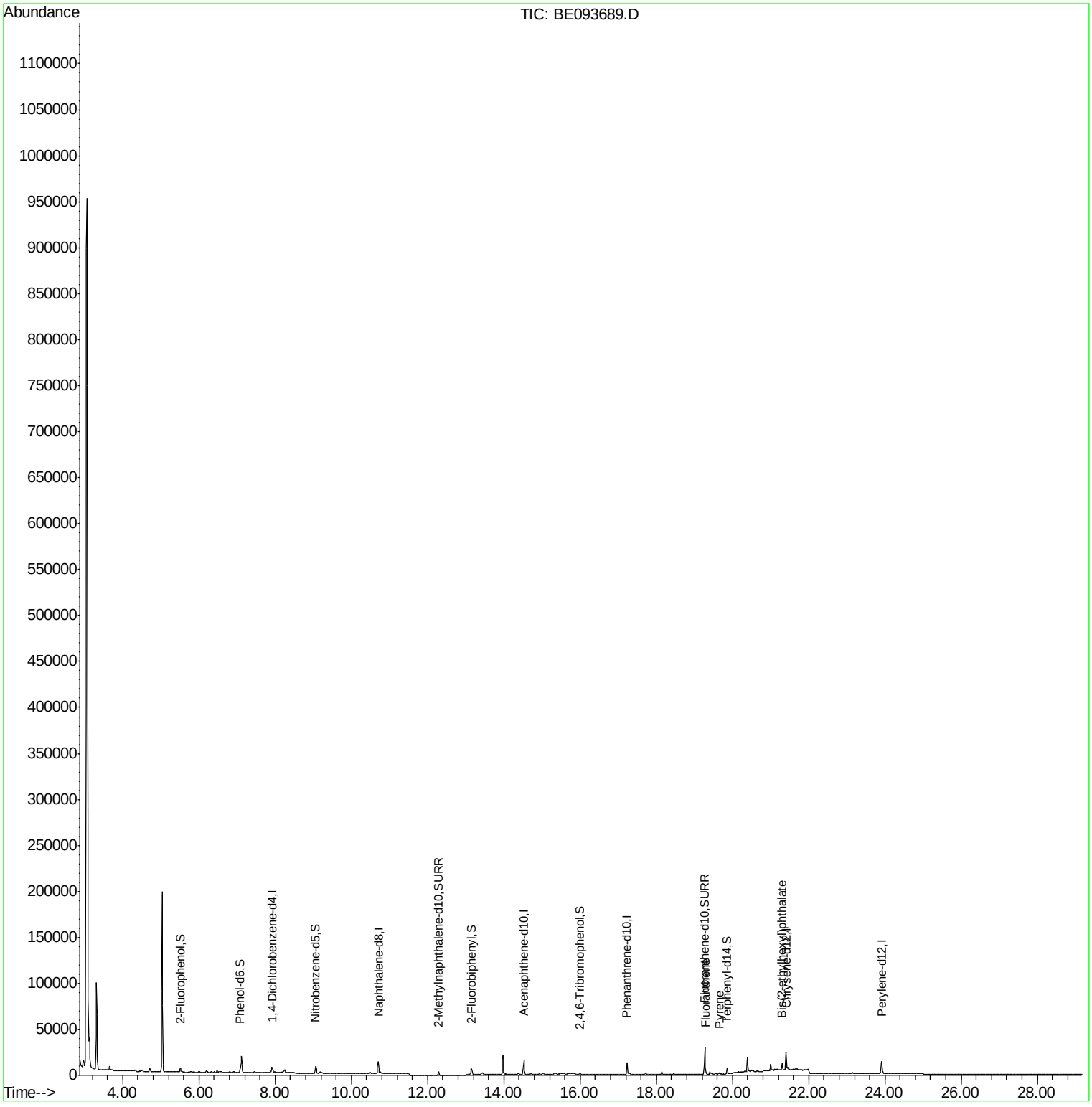
(#) = qualifier out of range (m) = manual integration (+) = signals summed

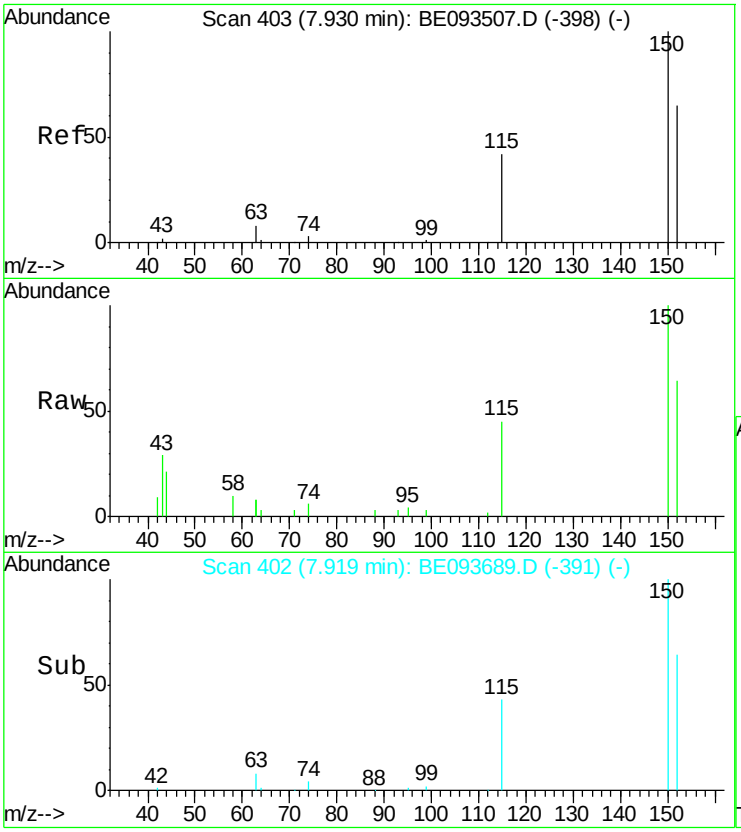
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
Data File : BE093689.D
Acq On : 5 Aug 2017 23:50
Operator : SJ/JU
Sample : I4427-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Quant Time: Aug 06 03:44:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



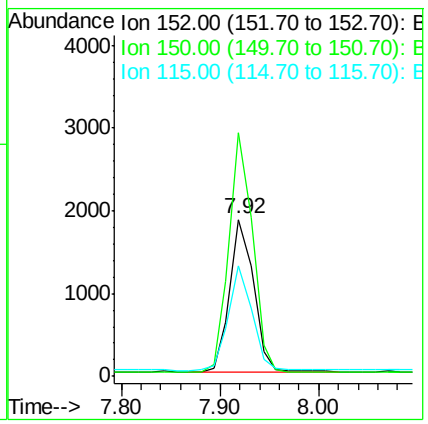


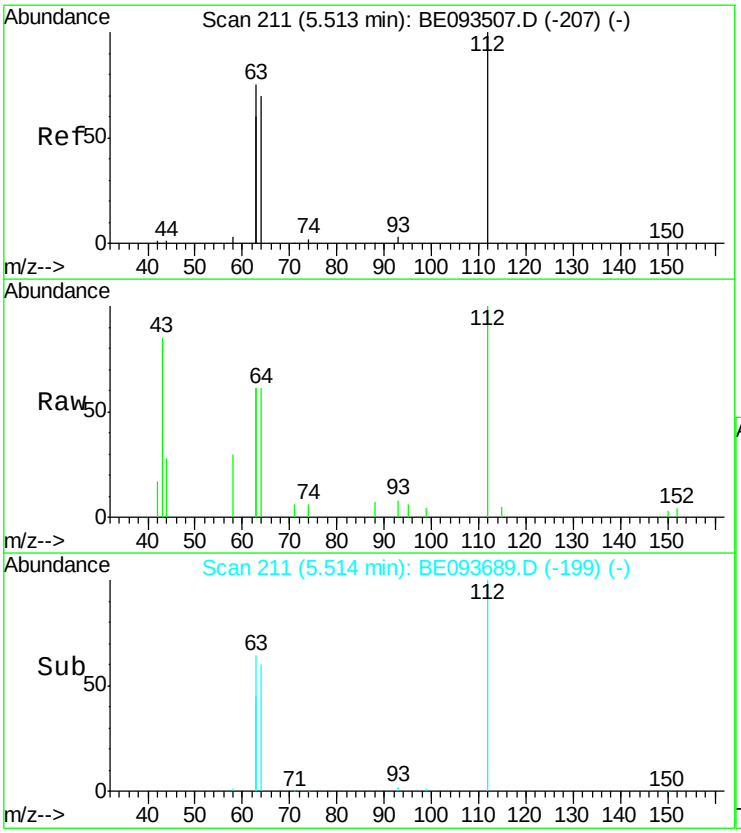
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:152 Resp: 3069

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.1	187.7
115	70.7	55.7	83.5

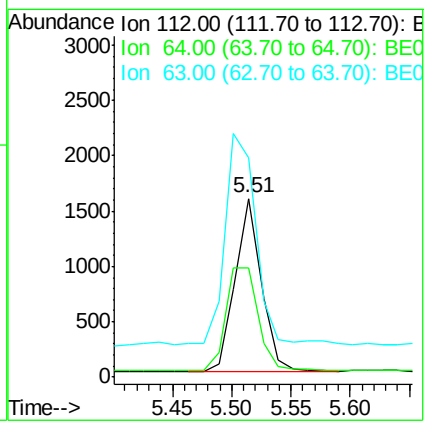


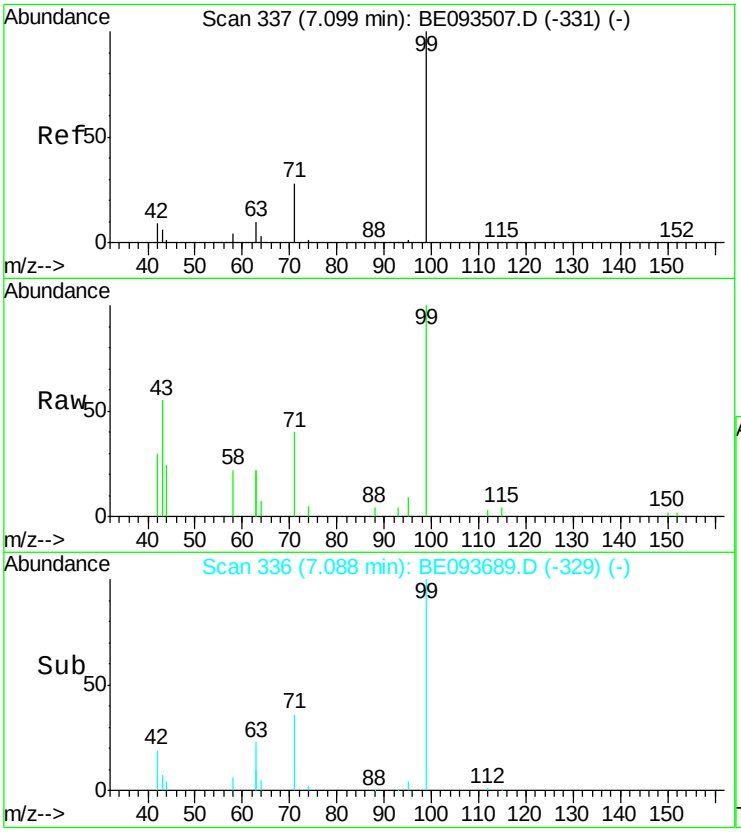


#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:112 Resp: 2427

Ion	Ratio	Lower	Upper
112	100		
64	75.0	56.4	84.6
63	143.4	29.3	43.9#



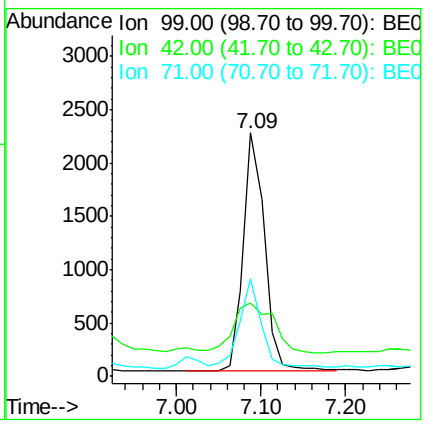


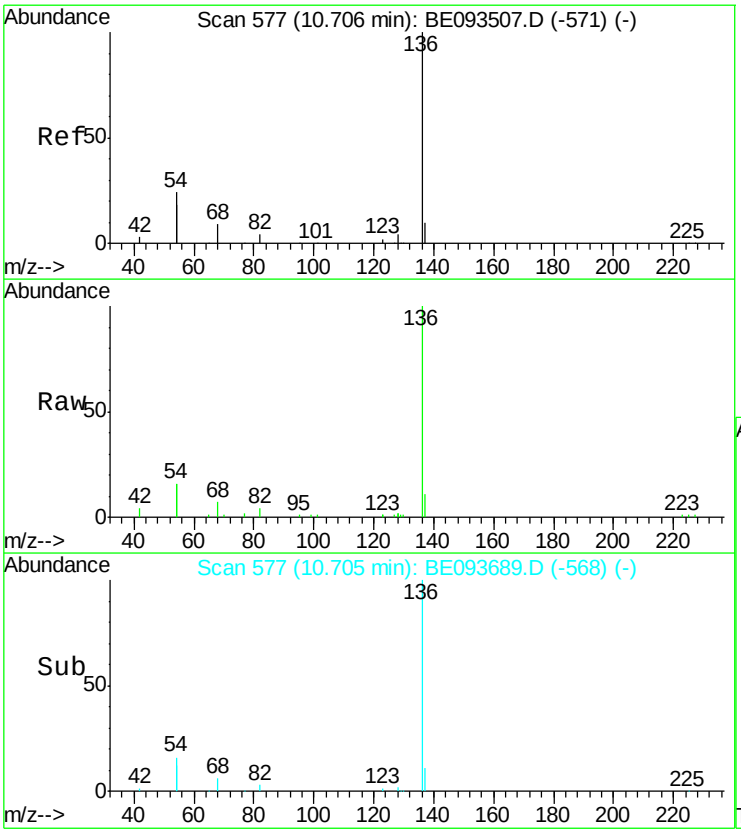
#5
Phenol-d6
Concen: 0.283 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion: 99 Resp: 3898

Ion	Ratio	Lower	Upper
99	100		
42	38.8	0.0	0.0#
71	37.8	0.0	0.0#

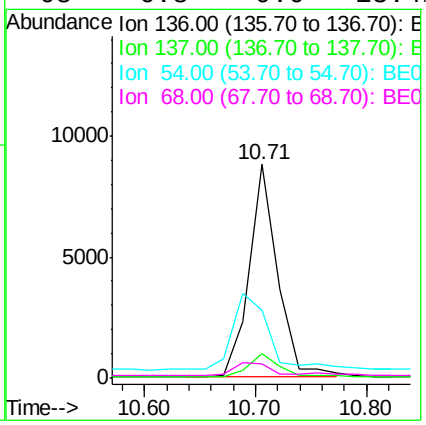


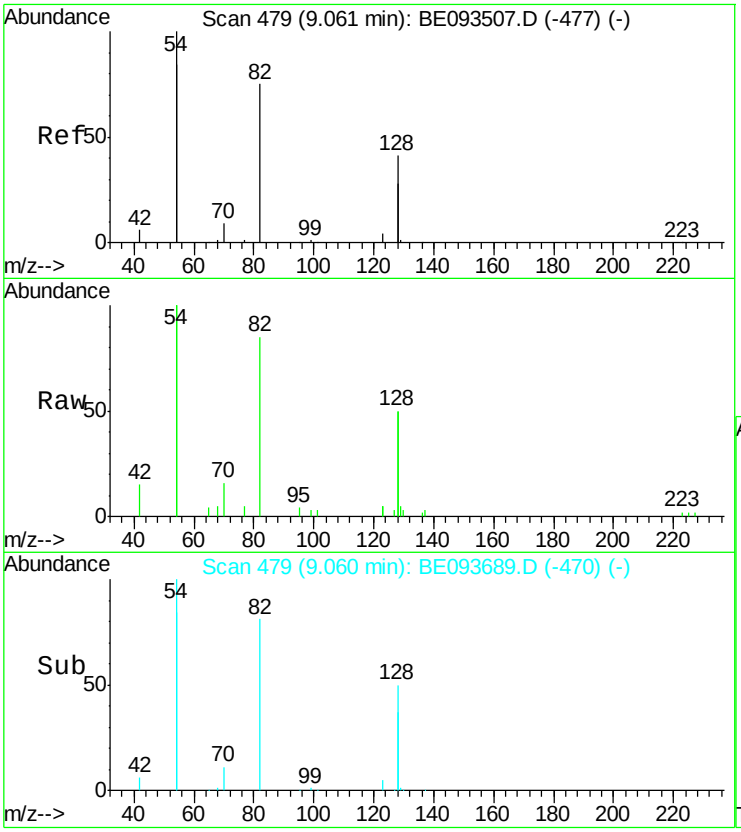


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:136 Resp: 15640

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	31.9	10.3	15.5#
68	6.8	9.0	13.4#



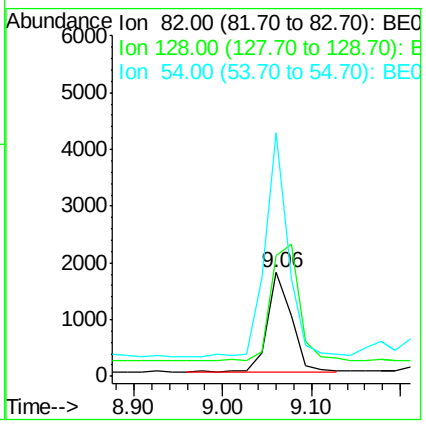


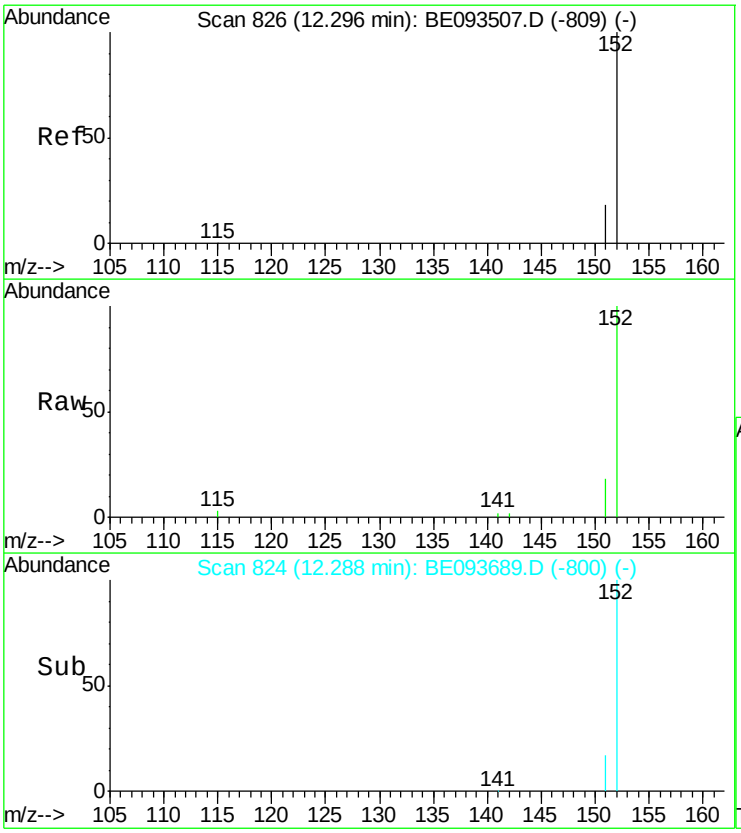
#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion: 82 Resp: 3311

Ion	Ratio	Lower	Upper
82	100		
128	116.6	17.0	25.4#
54	234.8	53.8	80.6#

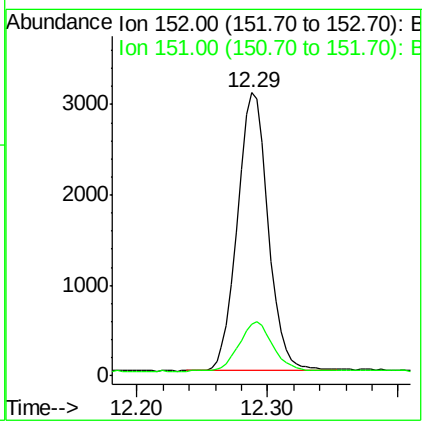


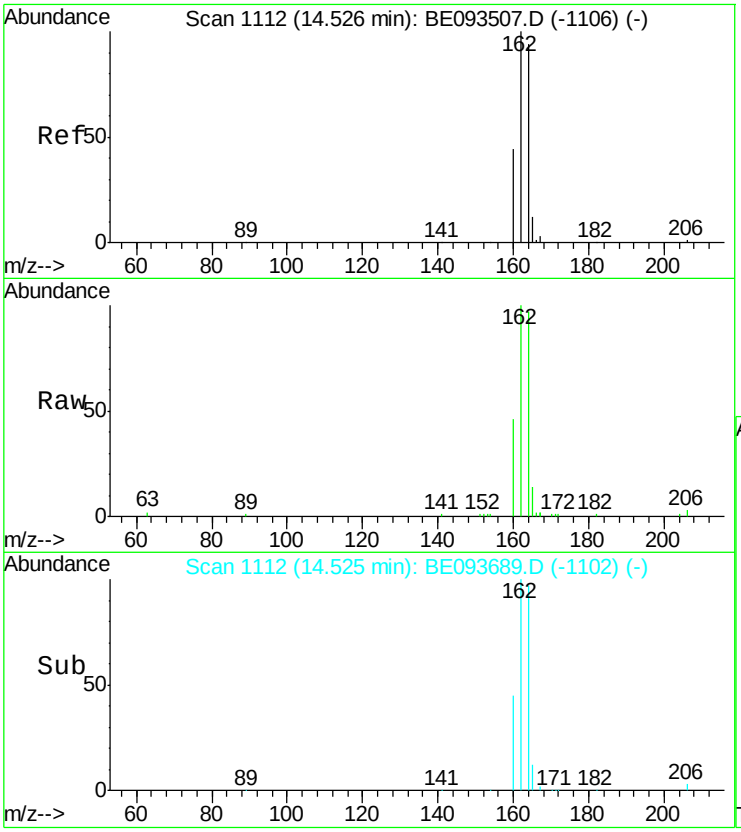


#11
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:152 Resp: 5057

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7



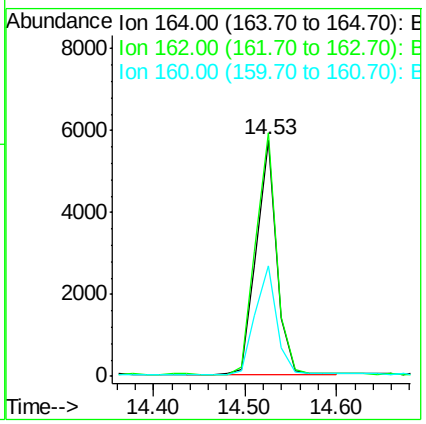


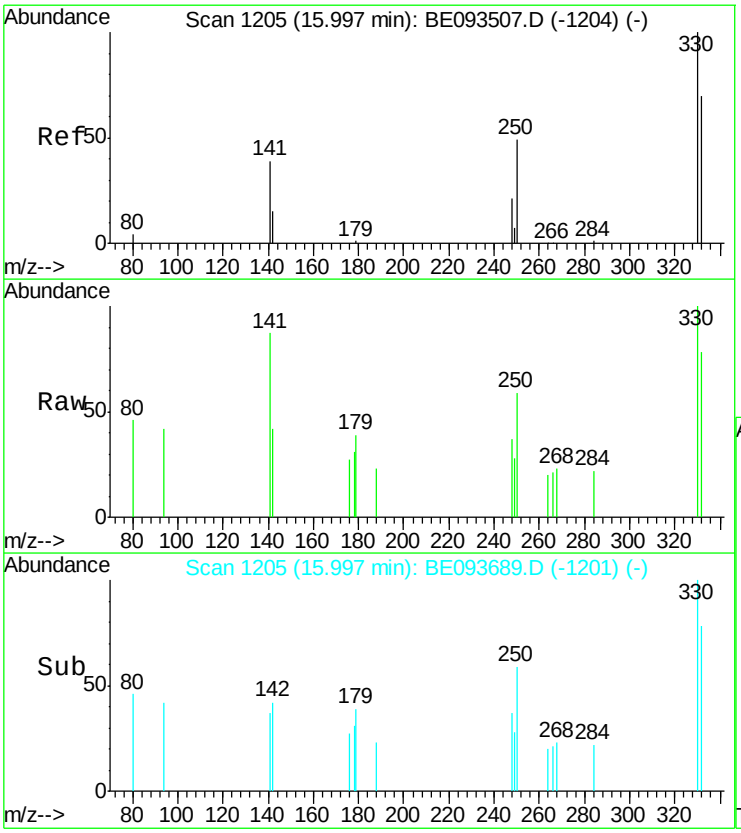
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:164 Resp: 8902

Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.6	127.0
160	46.9	41.8	62.6

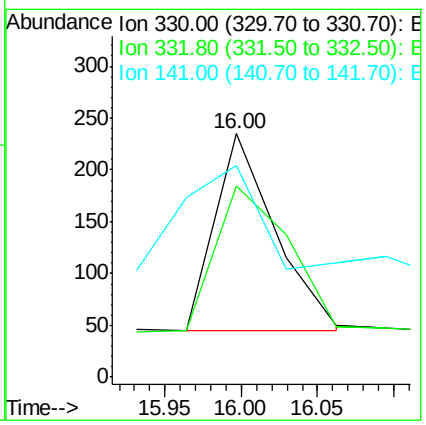


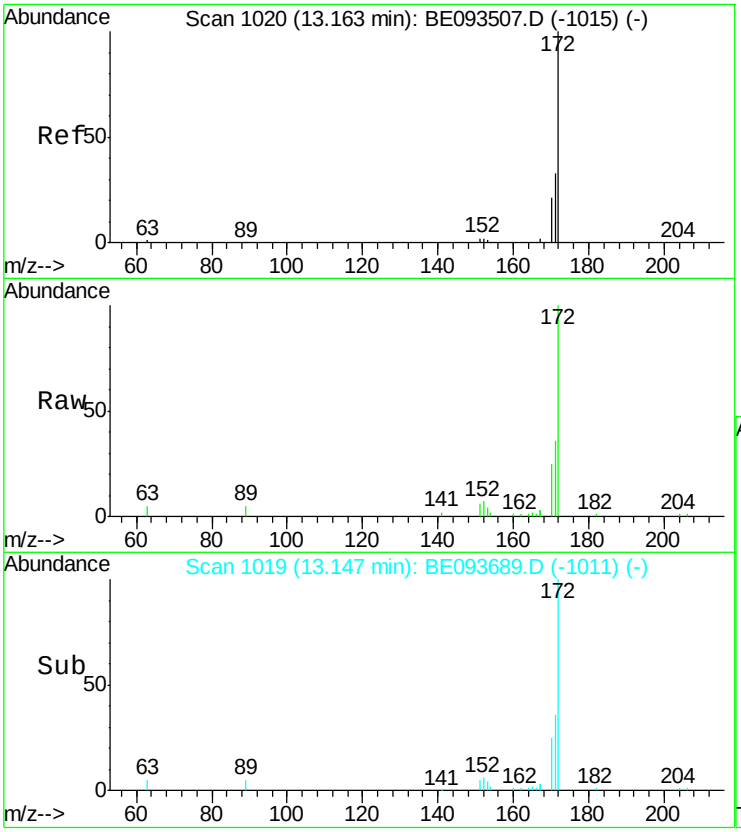


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:330 Resp: 518

Ion	Ratio	Lower	Upper
330	100		
332	90.2	77.7	116.5
141	65.3	56.2	84.4



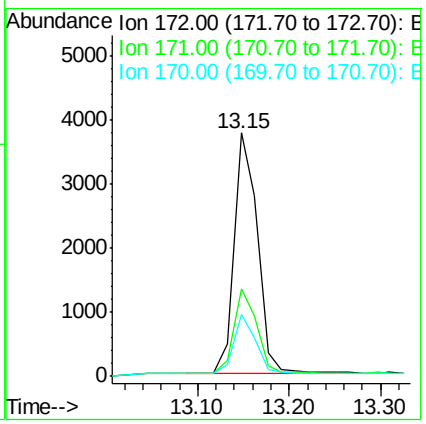


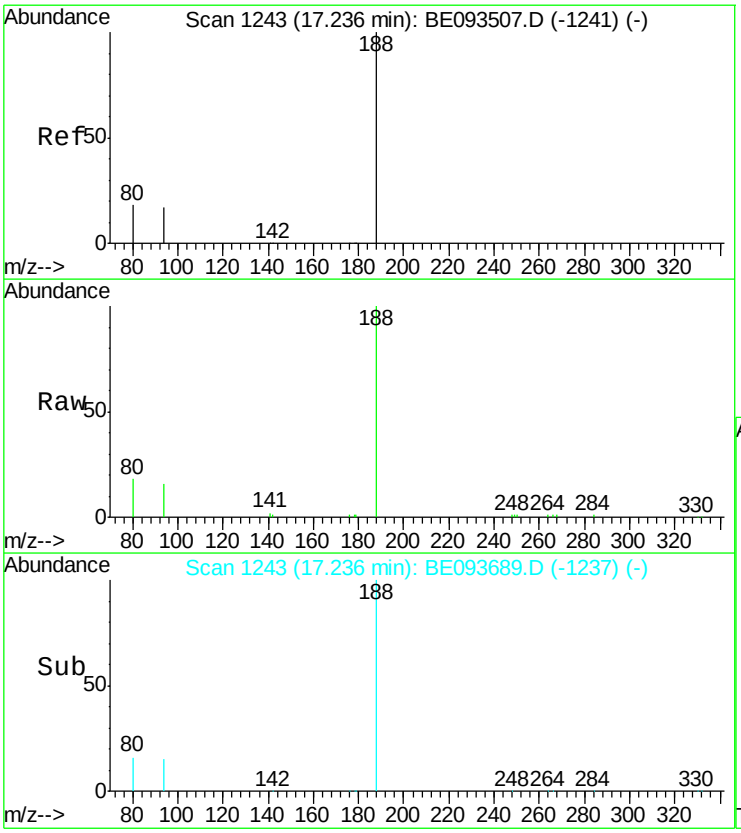
#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:172 Resp: 6622

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	25.3	20.7	31.1

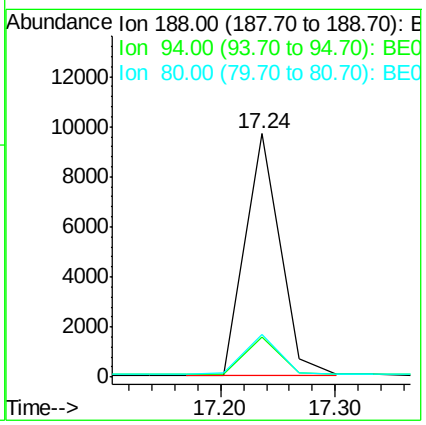


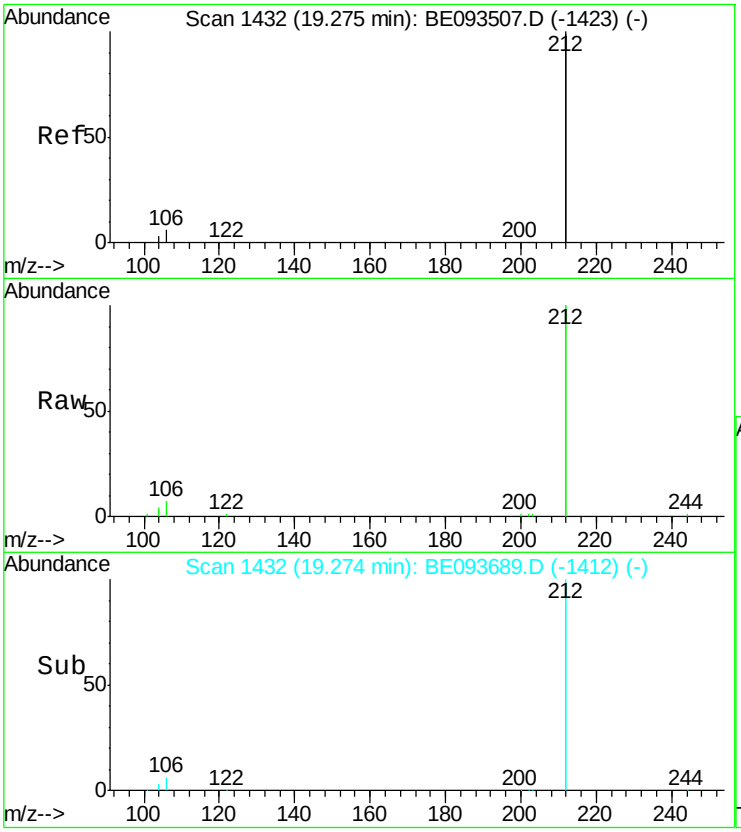


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:188 Resp: 20265

Ion	Ratio	Lower	Upper
188	100		
94	16.3	11.3	16.9
80	17.5	11.7	17.5#



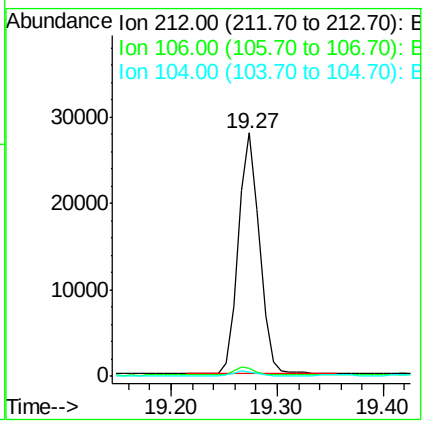


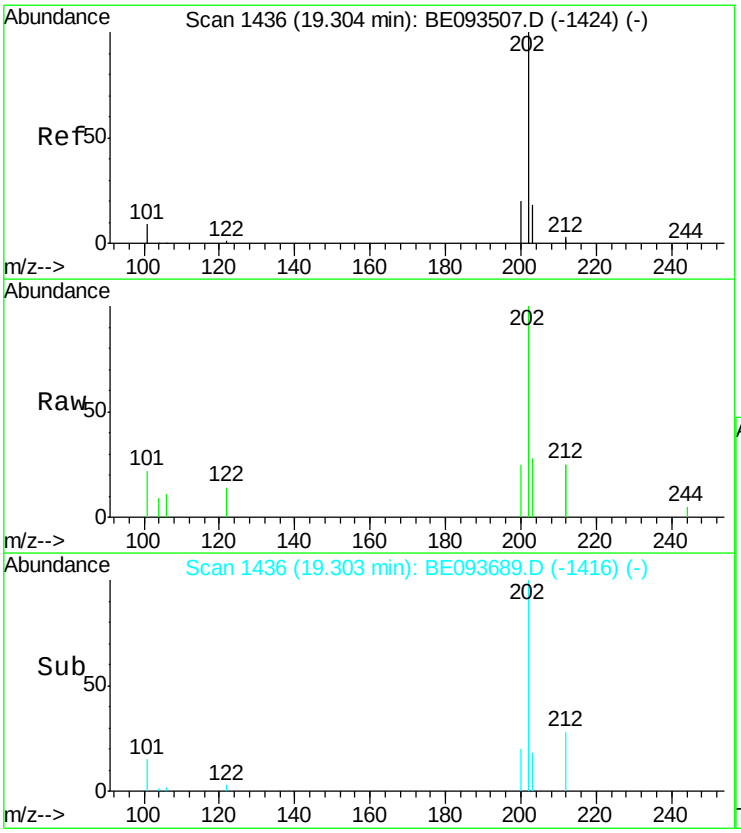
#25
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:212 Resp: 38264

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.4	3.6#
104	2.0	1.6	2.4

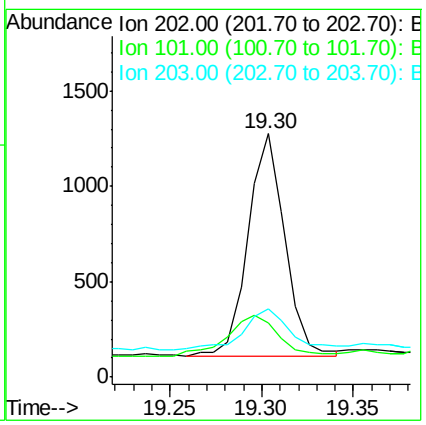


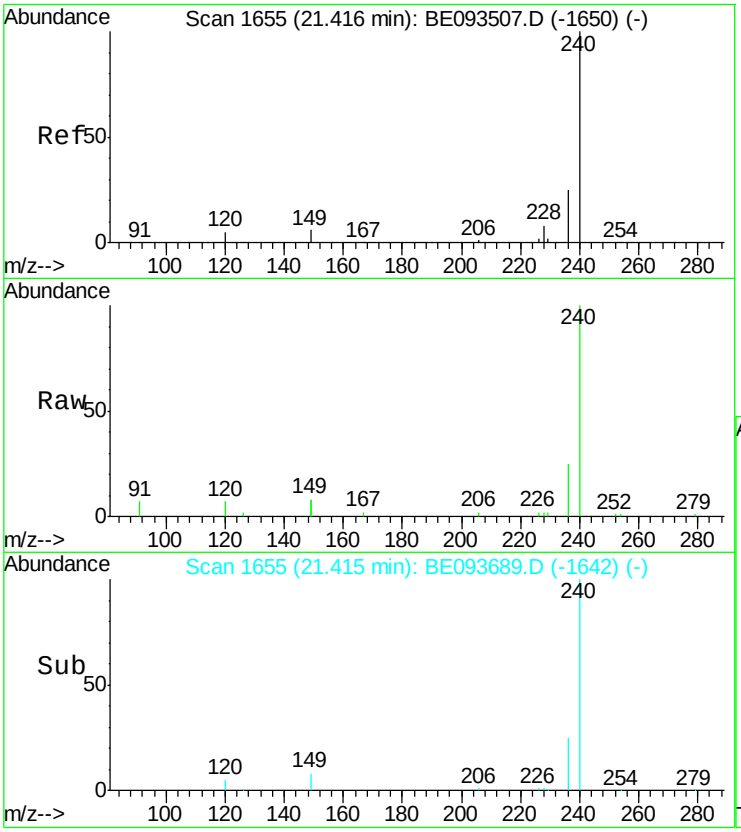


#26
Fluoranthene
Concen: 0.023 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:202 Resp: 1632

Ion	Ratio	Lower	Upper
202	100		
101	26.8	9.6	14.4#
203	23.3	14.4	21.6#



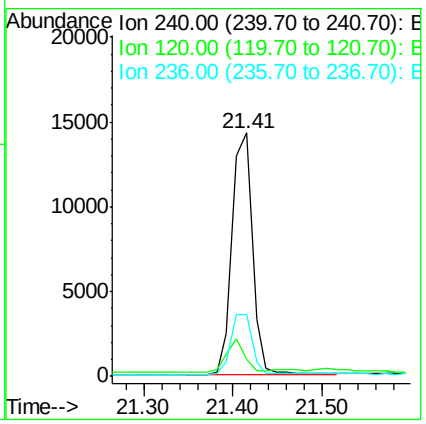


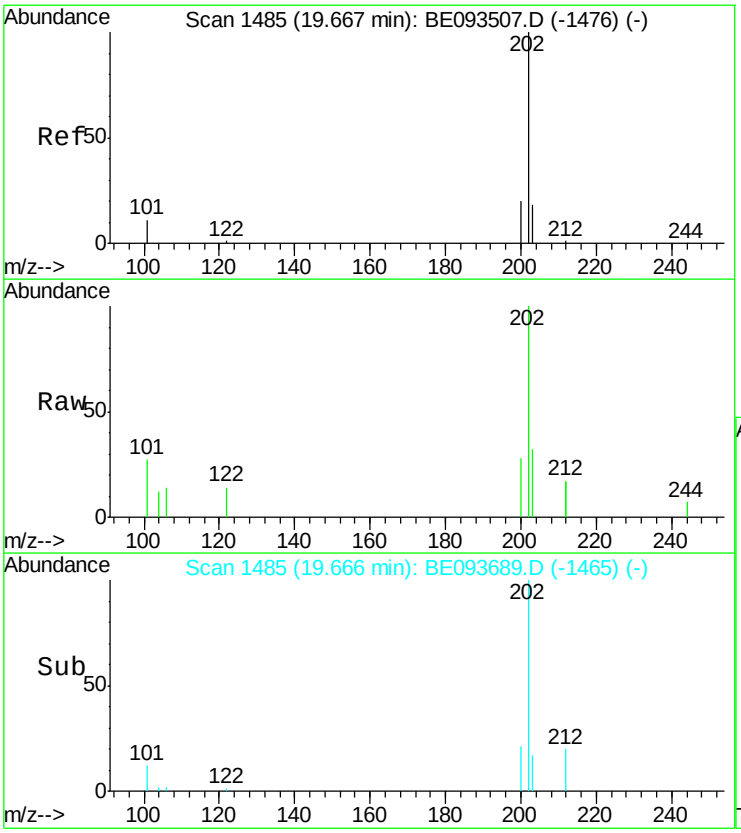
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:240 Resp: 22477

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.6	7.0
236	25.5	20.8	31.2

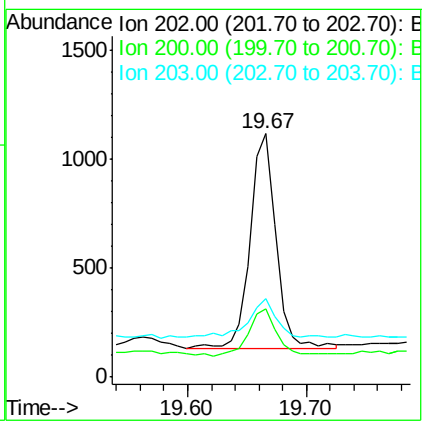


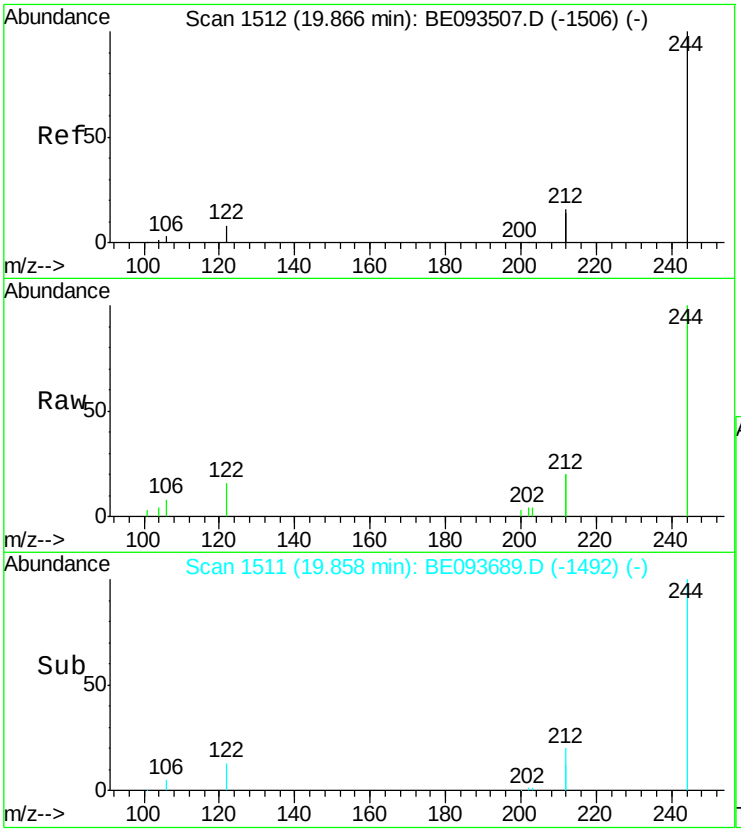


#28
Pyrene
Concen: 0.020 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:202 Resp: 1468

Ion	Ratio	Lower	Upper
202	100		
200	23.8	0.0	0.0#
203	18.7	13.7	20.5



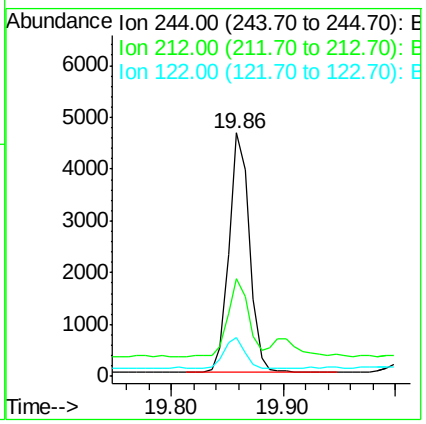


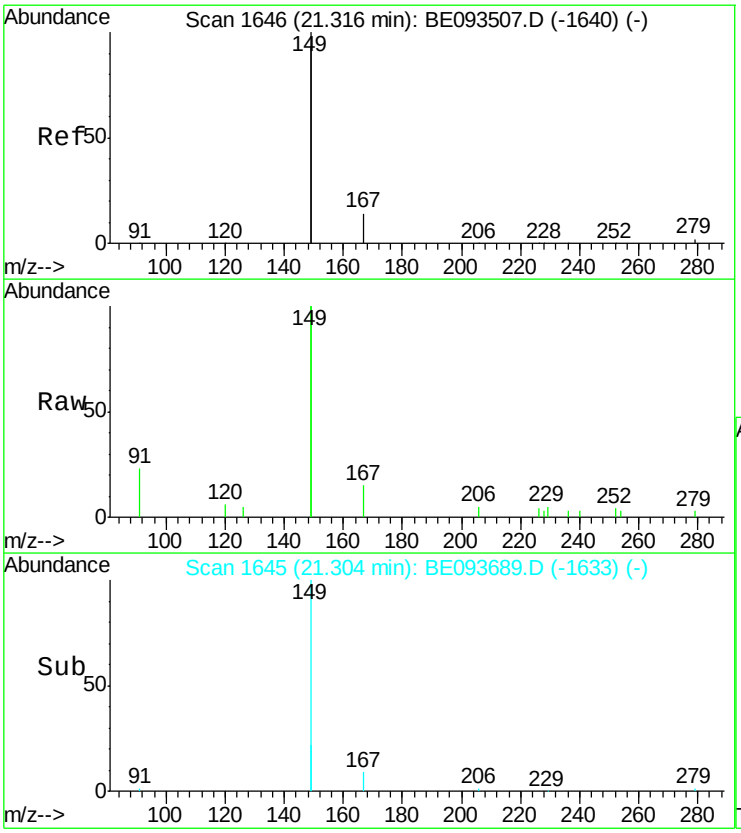
#29
Terphenyl-d14
Concen: 0.145 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:244 Resp: 5866

Ion	Ratio	Lower	Upper
244	100		
212	40.3	10.6	16.0#
122	16.0	15.4	23.0

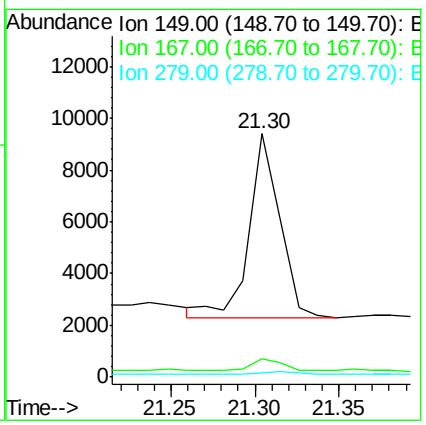


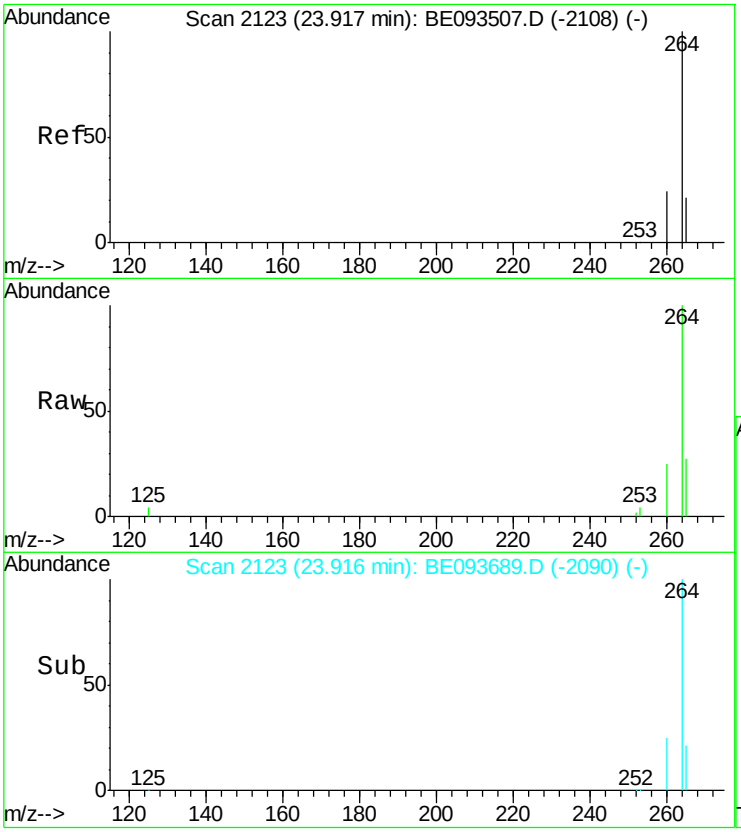


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Tgt Ion:149 Resp: 9082

Ion	Ratio	Lower	Upper
149	100		
167	7.2	4.8	7.2
279	1.2	0.8	1.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

Instrument :
BNA_E
ClientSampleId :
LASB-141-1

Tgt Ion:264 Resp: 20438

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	27.3	24.6	36.8