Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099223.D
Acq On : 26 Mar 2019 20:03
Operator : JU/SJ
Sample : K2073-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : P010-TW001-01

Quant Time: Mar 27 09:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3297	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14535	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11327	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	32595	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36476	0.40	ng	-0.01
34) Perylene-d12	23.90	264	32056	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1646	0.17	ng	0.00
5) Phenol-d6	6.99	99	1448	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4268	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10749	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1700	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18783	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	158459	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	33332	0.42	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.28	149	9816	0.068	ng	99

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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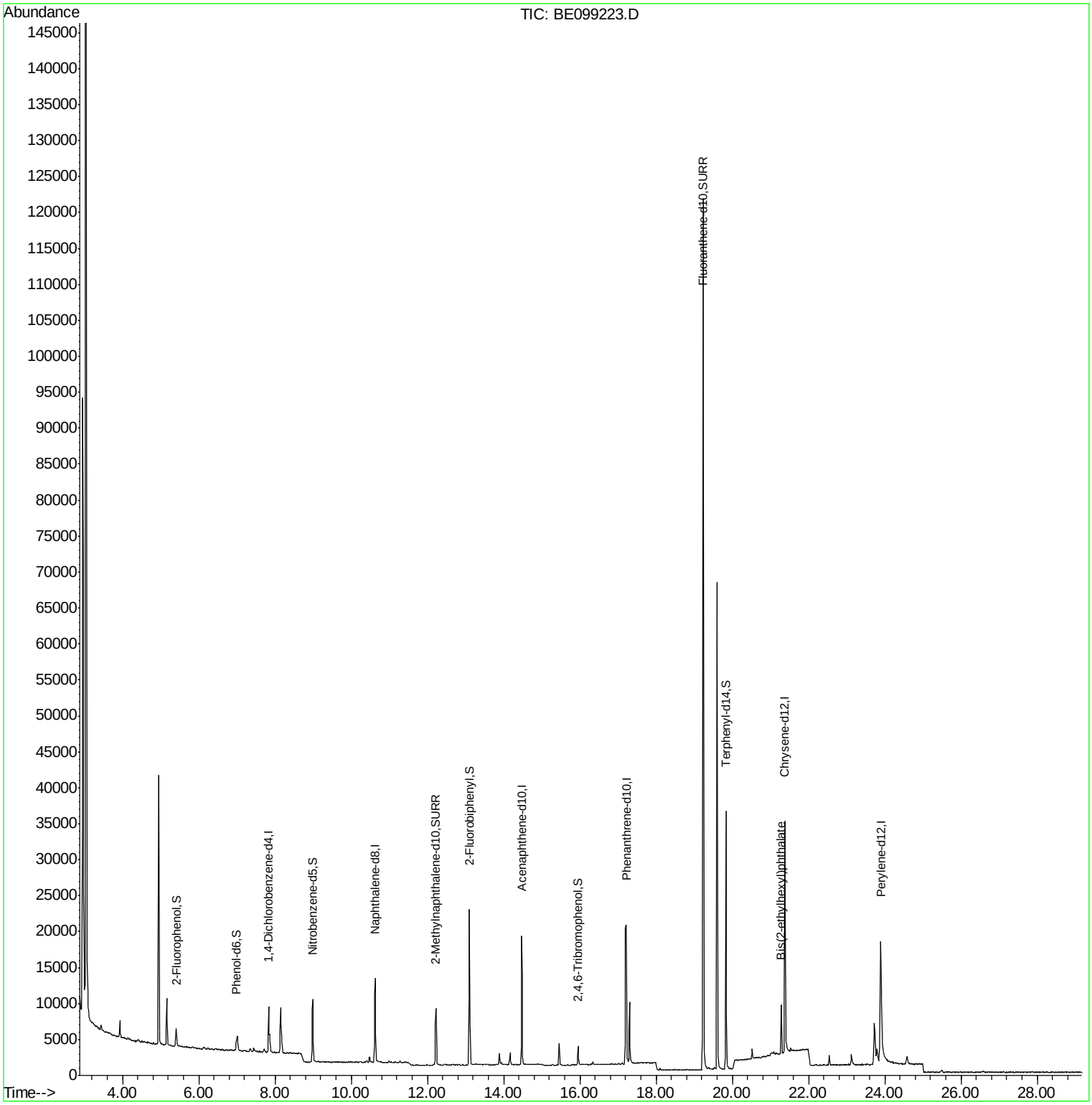
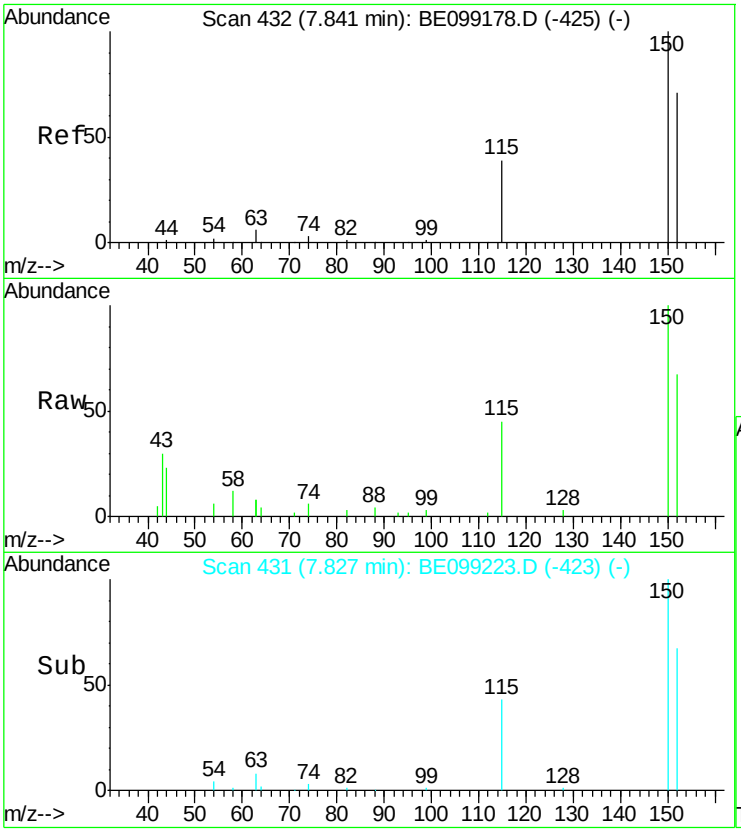


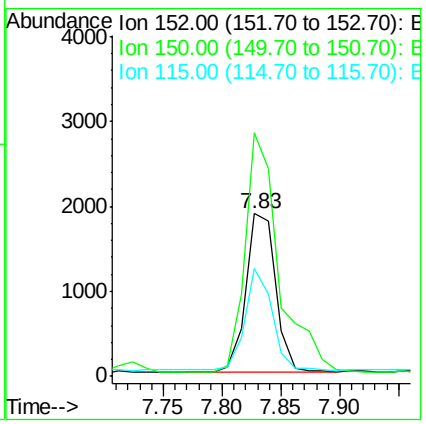


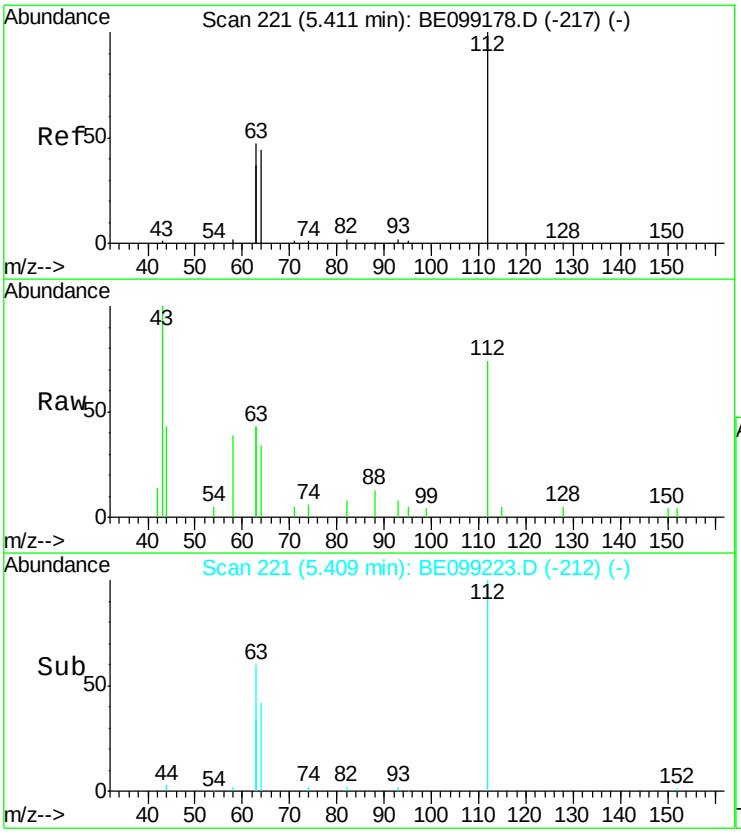
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:152 Resp: 3297

Ion	Ratio	Lower	Upper
152	100		
150	149.9	112.8	169.2
115	66.8	45.1	67.7

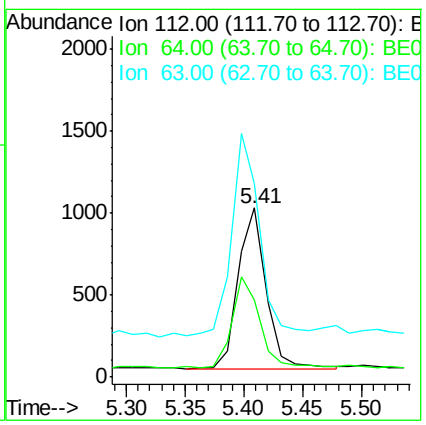


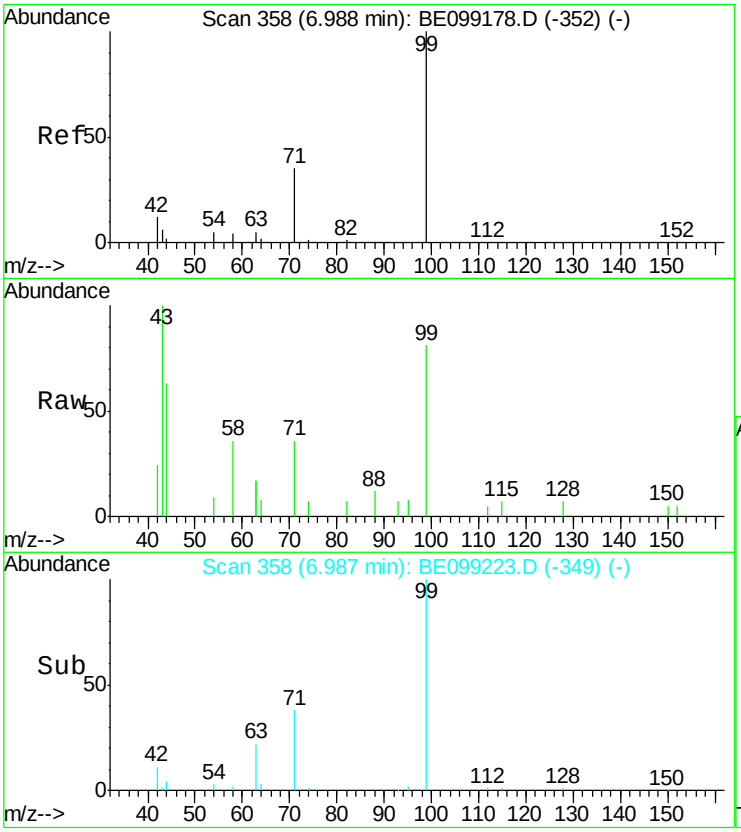


#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:112 Resp: 1646

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.2	69.2
63	126.3	89.9	134.9



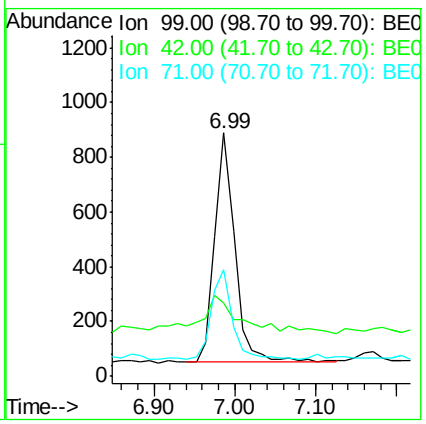


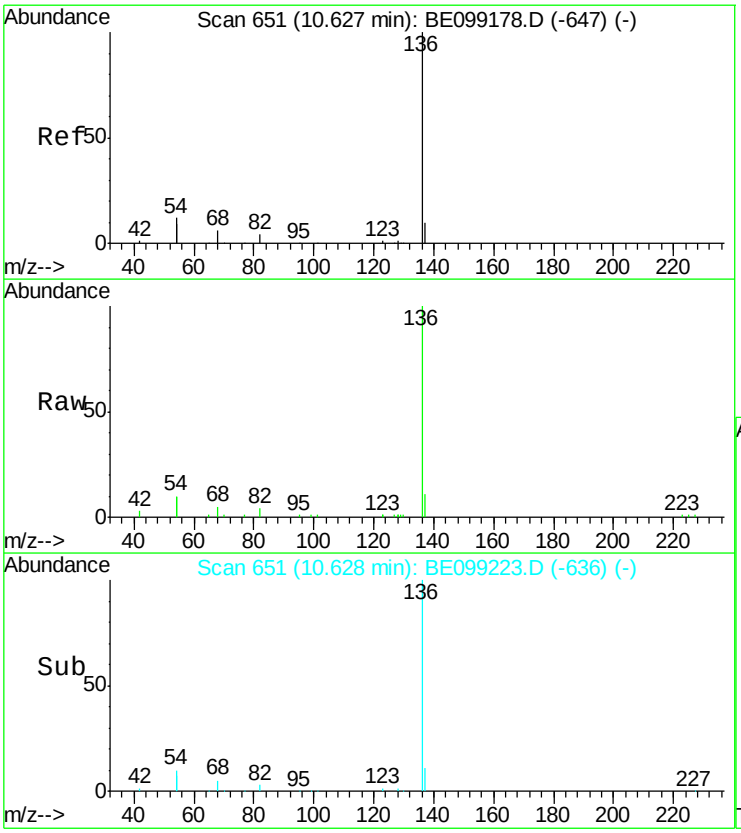
#5
Phenol-d6
Concen: 0.096 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion: 99 Resp: 1448

Ion	Ratio	Lower	Upper
99	100		
42	27.7	12.4	18.6#
71	41.2	28.4	42.6

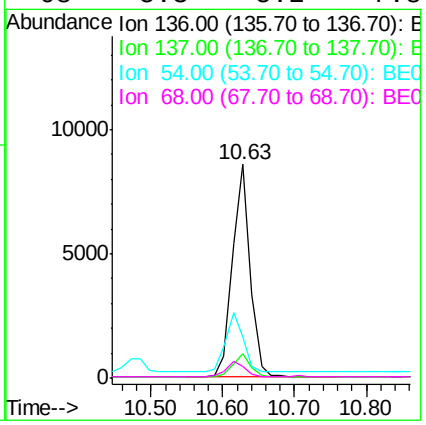


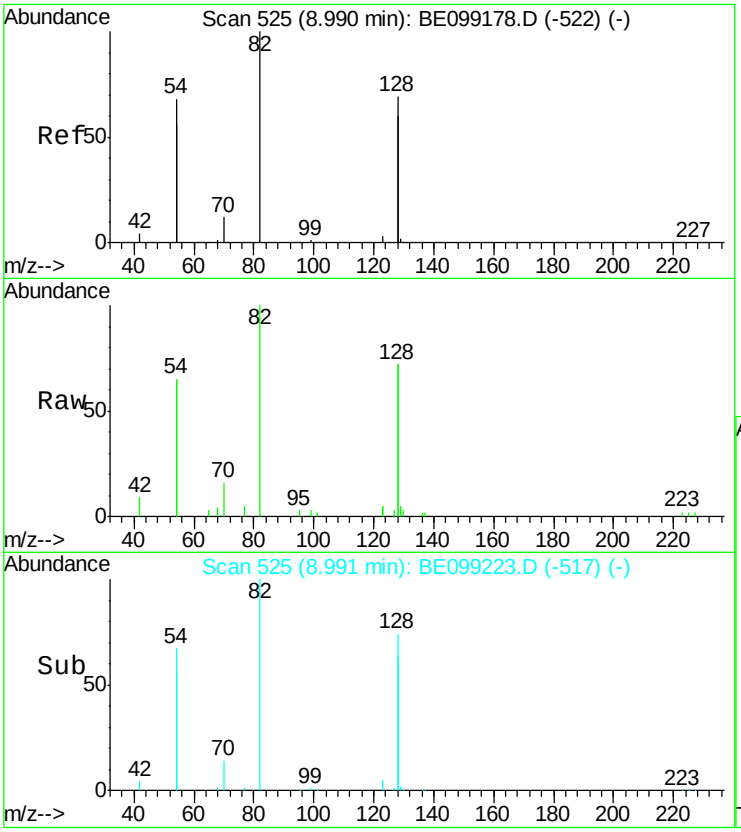


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:136 Resp: 14535

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	19.3	18.7	28.1
68	5.3	5.2	7.8



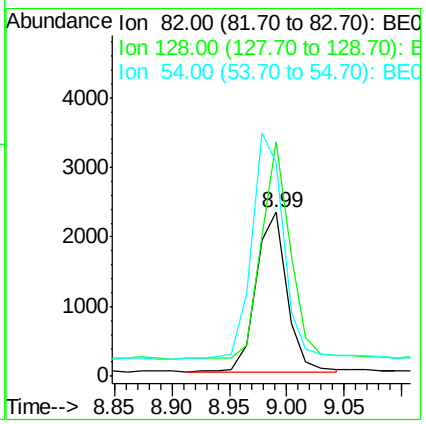


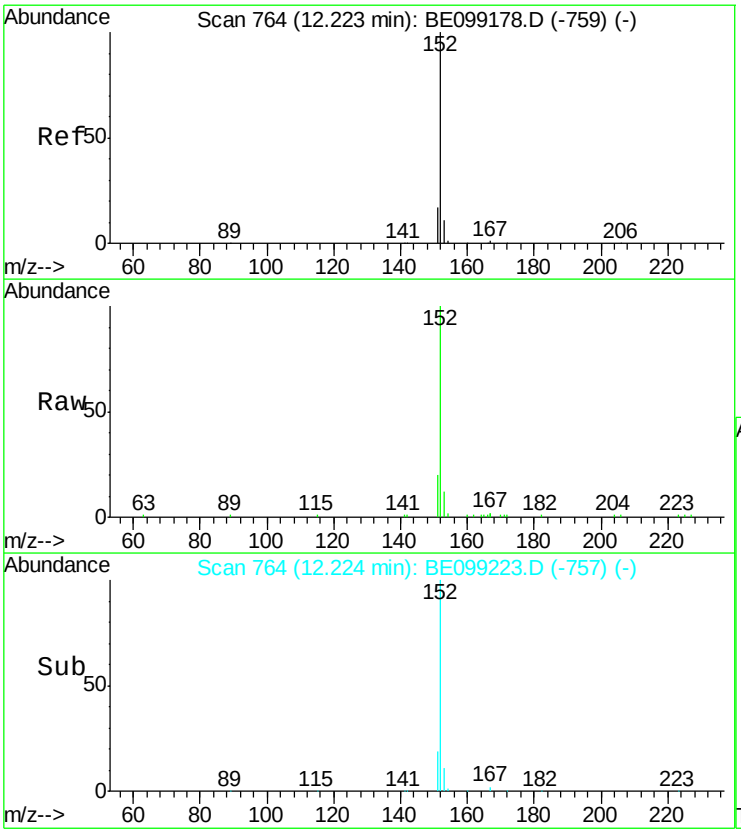
#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion: 82 Resp: 4268

Ion	Ratio	Lower	Upper
82	100		
128	143.5	107.5	161.3
54	130.3	106.3	159.5

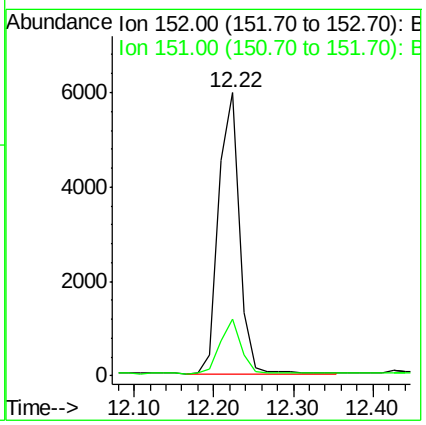


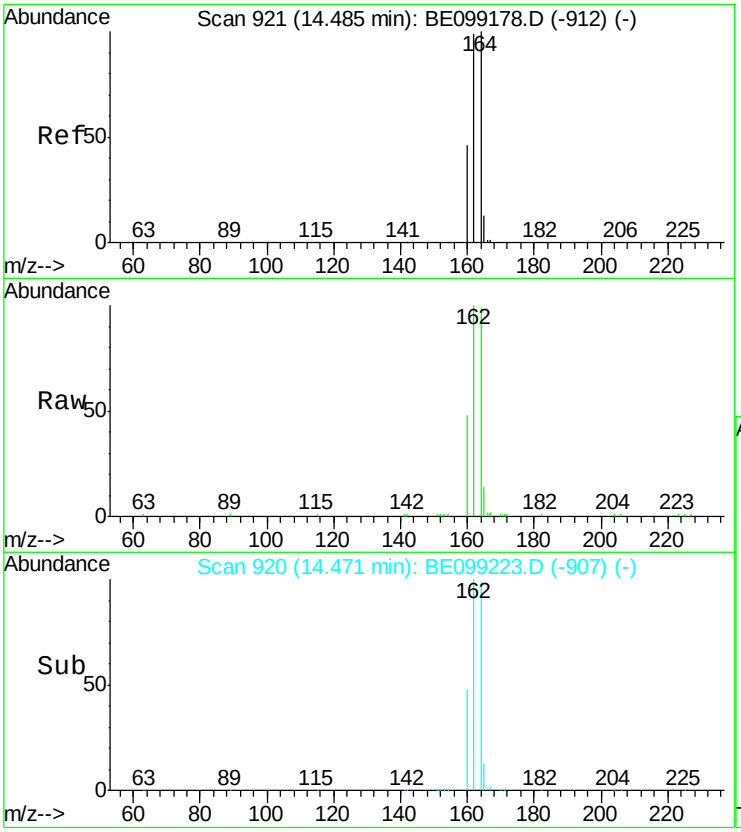


#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:152 Resp: 10749

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.6



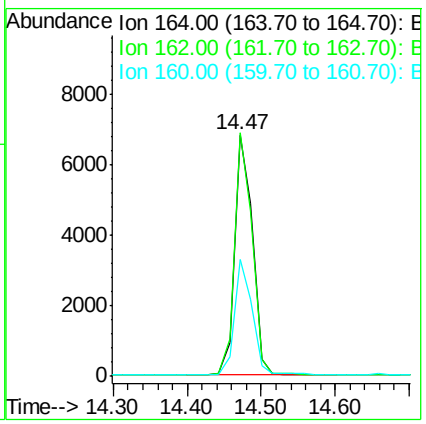


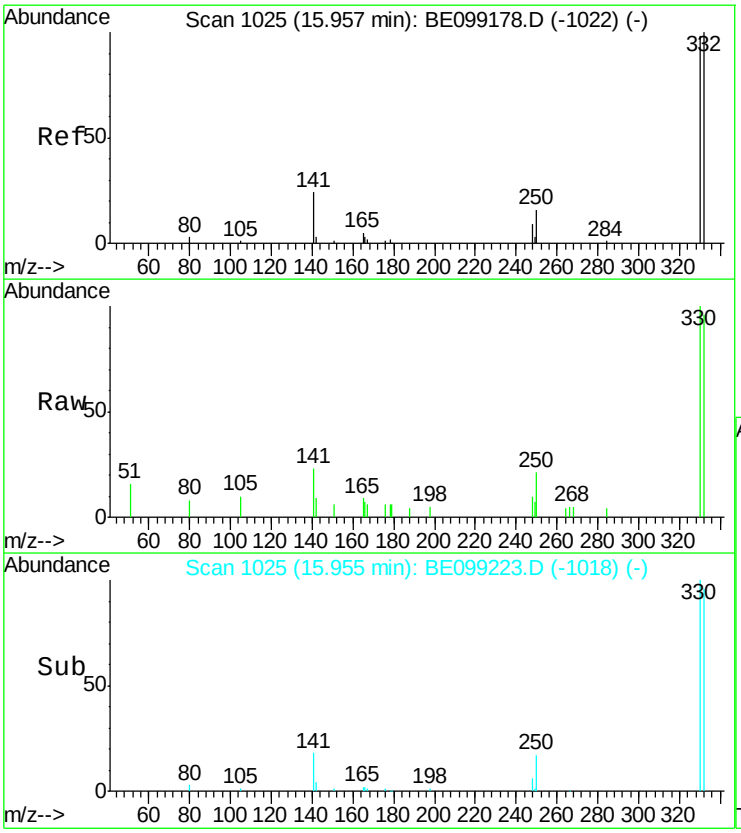
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:164 Resp: 11327

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.2	118.8
160	48.6	36.7	55.1

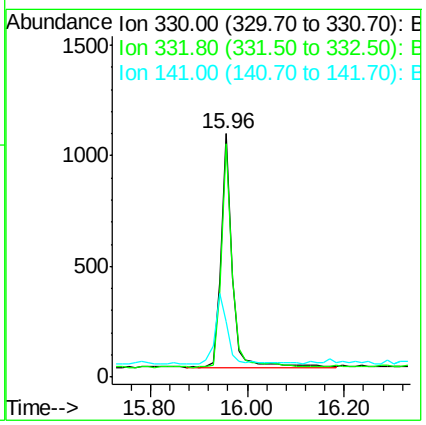


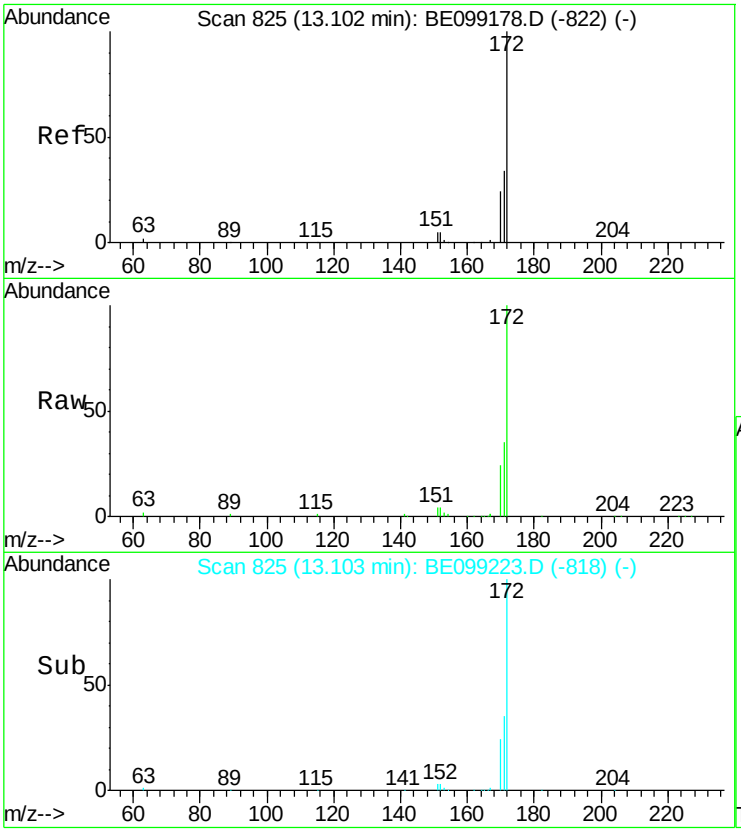


#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:330 Resp: 1700

Ion	Ratio	Lower	Upper
330	100		
332	96.1	71.3	106.9
141	32.2	21.7	32.5



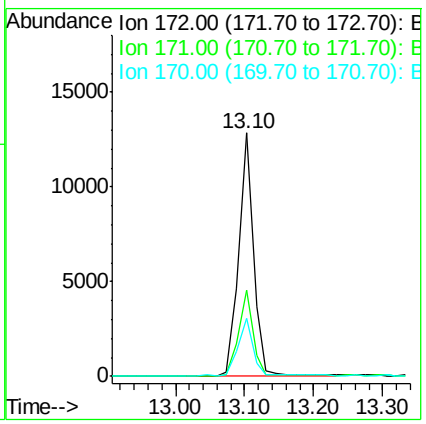


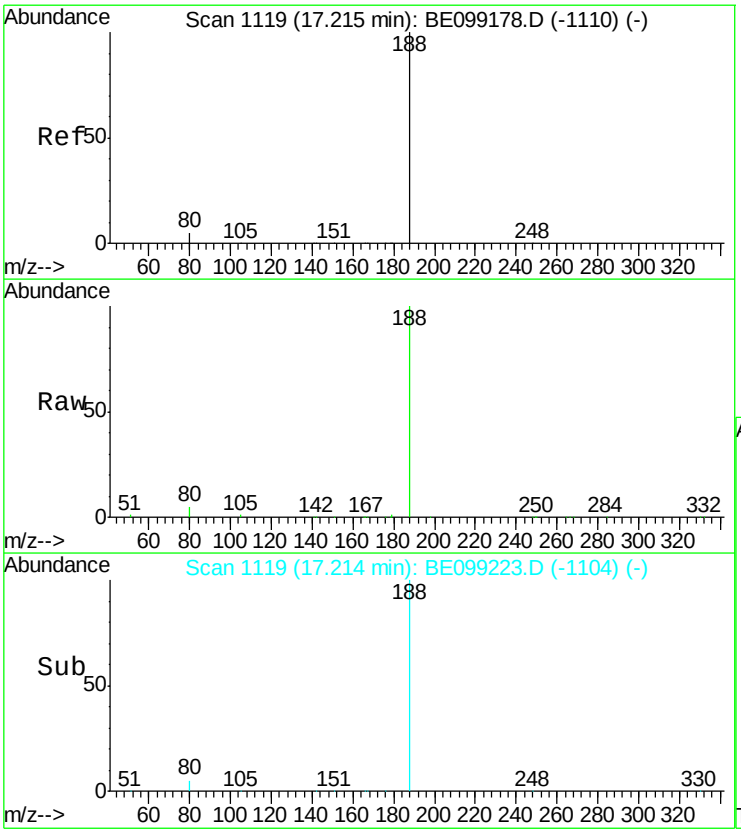
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:172 Resp: 18783

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.0
170	24.0	19.1	28.7

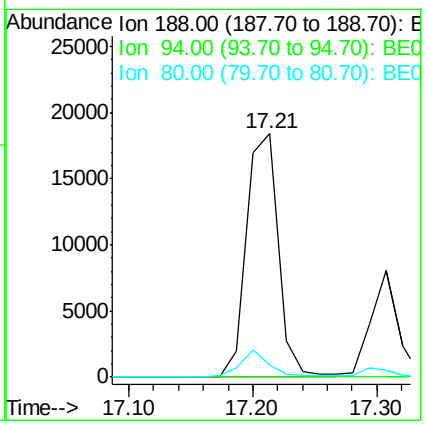


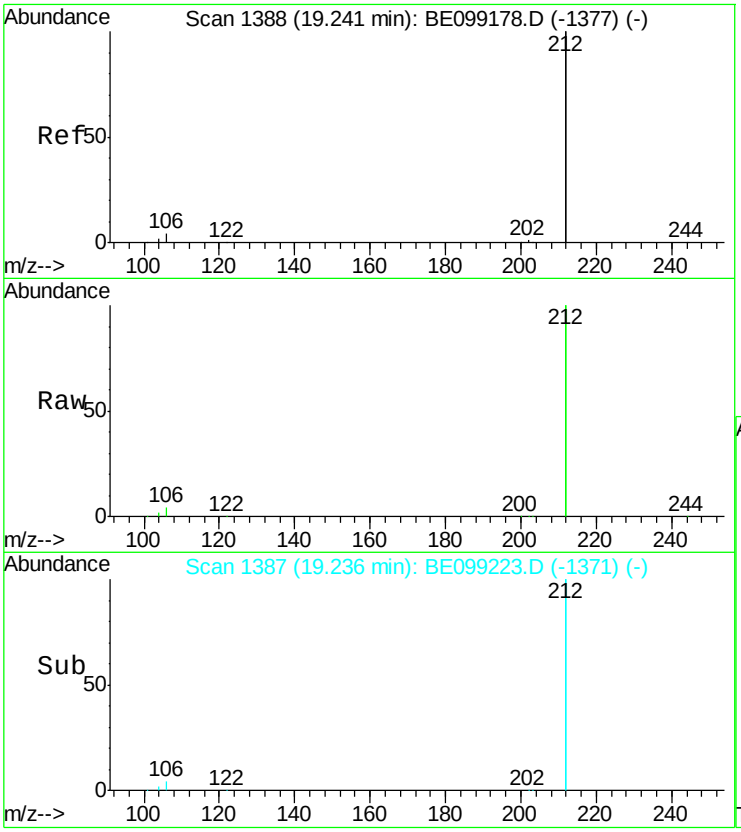


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:188 Resp: 32595

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.0	4.5	6.7



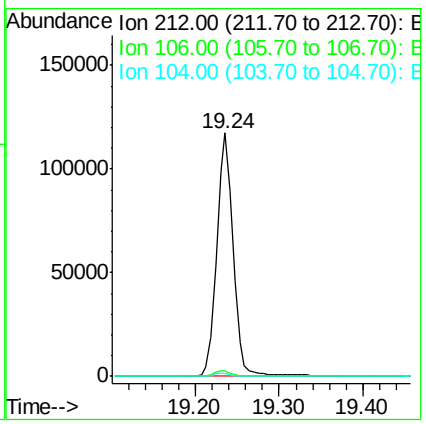


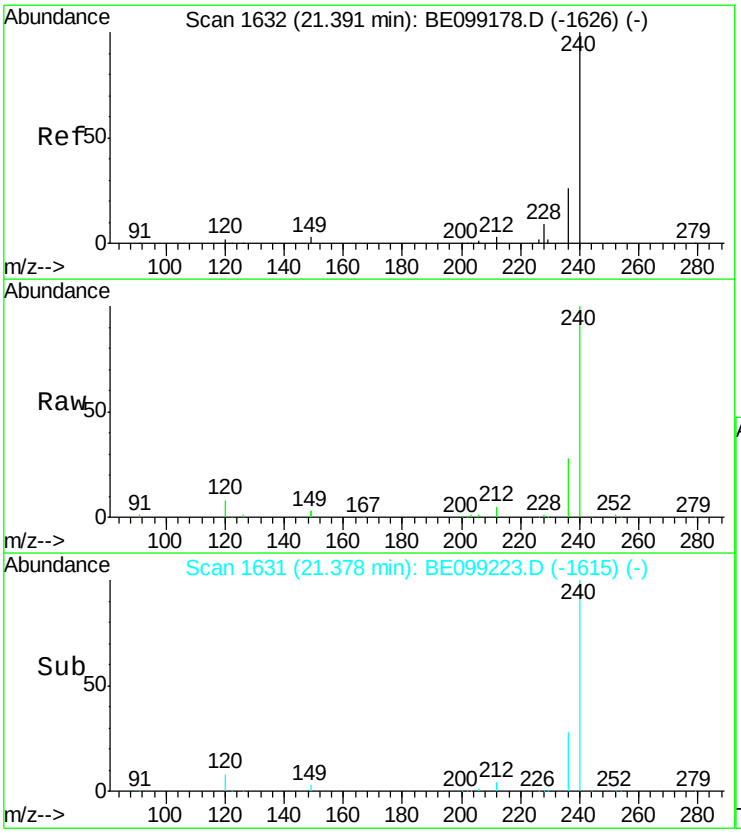
#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:212 Resp: 158459

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

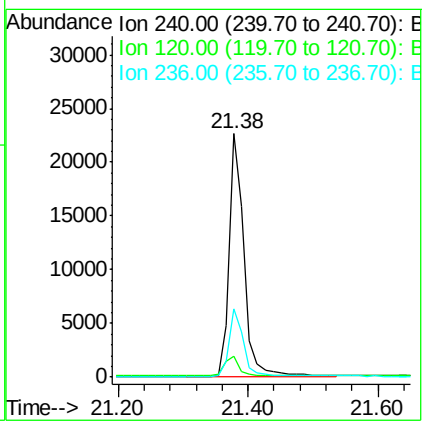


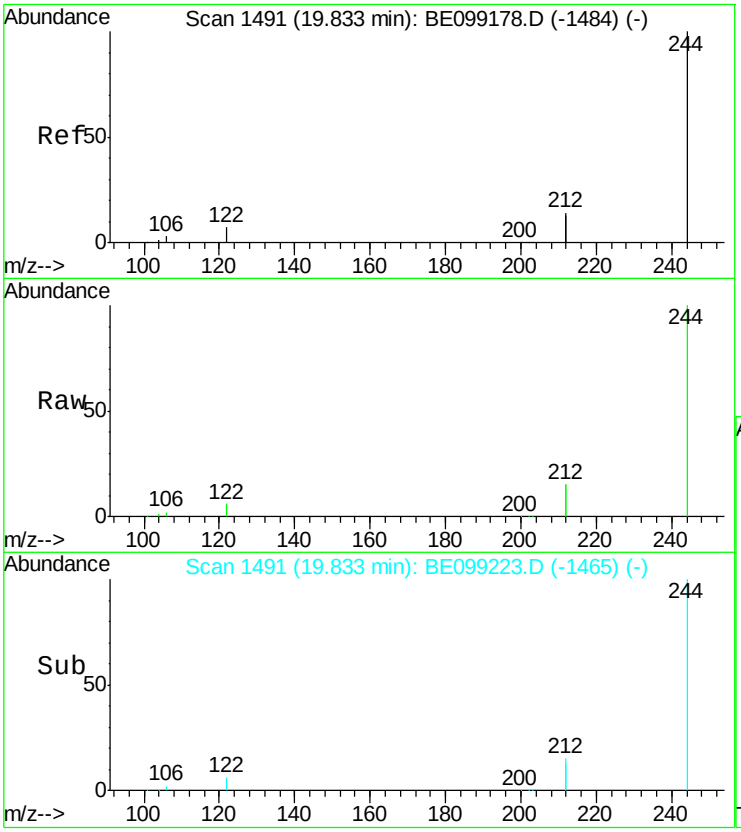


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:240 Resp: 36476

Ion	Ratio	Lower	Upper
240	100		
120	8.4	2.6	3.8#
236	28.1	20.9	31.3



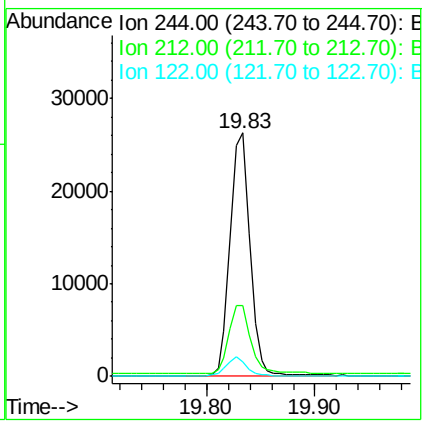


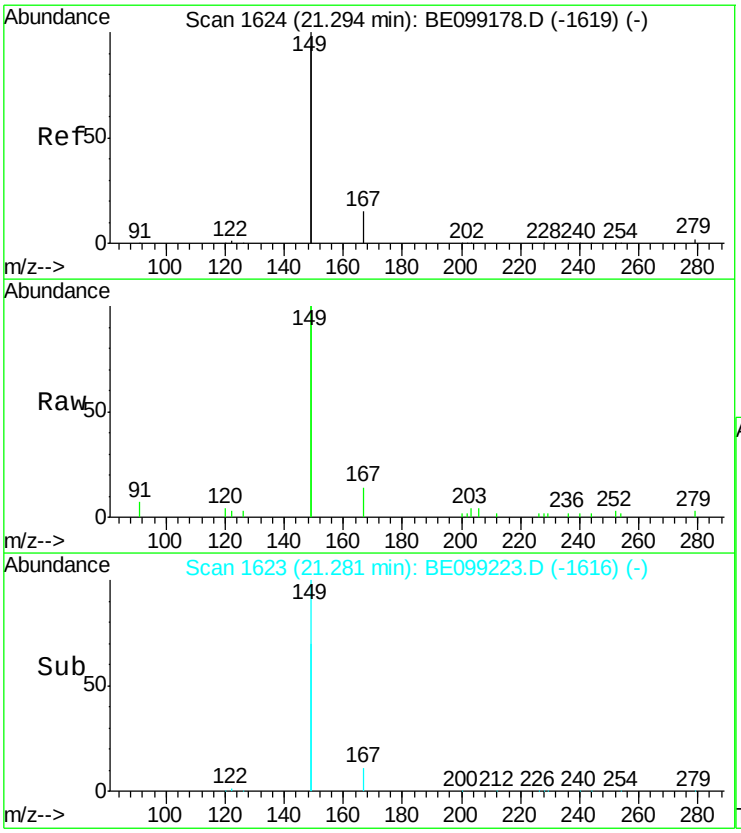
#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:244 Resp: 33332

Ion	Ratio	Lower	Upper
244	100		
212	29.1	22.7	34.1
122	6.1	5.8	8.6

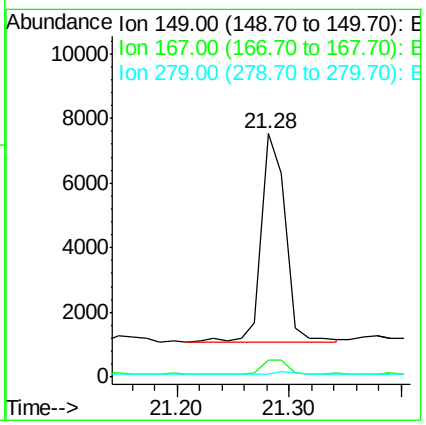


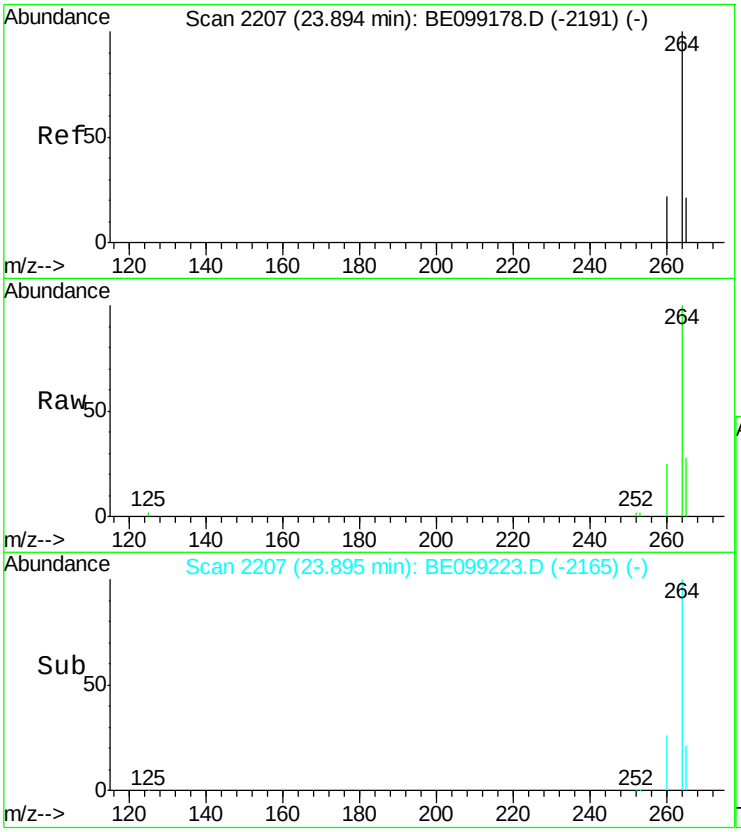


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Tgt Ion:149 Resp: 9816

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.9	8.9
279	1.4	1.0	1.6





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099223.D
Acq: 26 Mar 2019 20:03

Instrument :
BNA_E
ClientSampleId :
P010-TW001-01

Tgt Ion:264 Resp: 32056

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	27.8	21.8	32.8