Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099752.D
Acq On : 24 May 2019 20:59
Operator : JU/SJ
Sample : K2999-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-190521

Quant Time: May 24 22:06:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1204	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	3993	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3028	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	9003	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14106	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16664	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	623	0.20	ng	-0.01
5) Phenol-d6	6.96	99	455	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1535	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2904	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1030	0.57	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5569	0.48	ng	-0.01
25) Fluoranthene-d10	19.25	212	59028	0.48	ng	-0.01
29) Terphenyl-d14	19.85	244	16513	0.66	ng	-0.02
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	103308	2.236	ng	99

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

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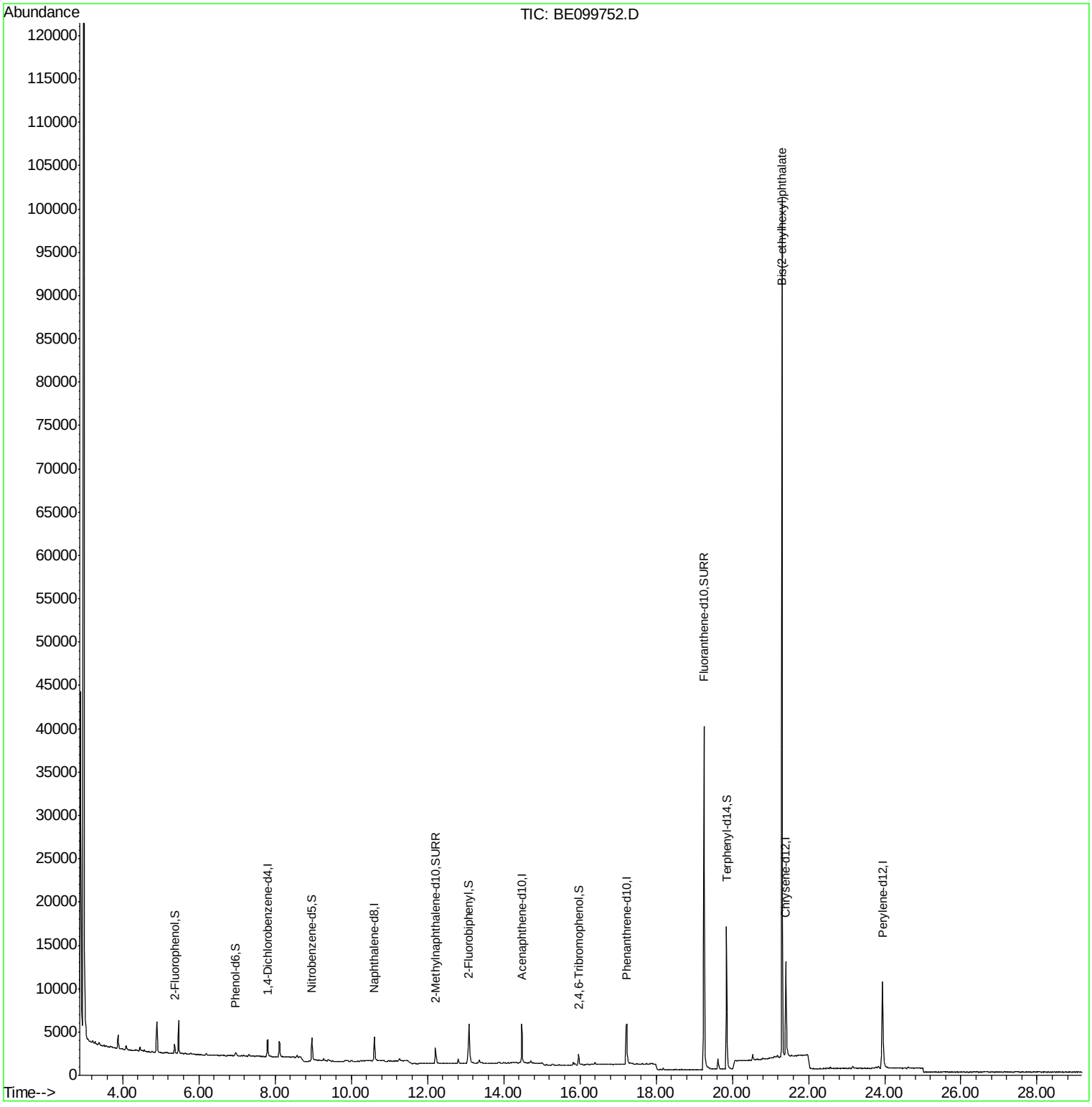
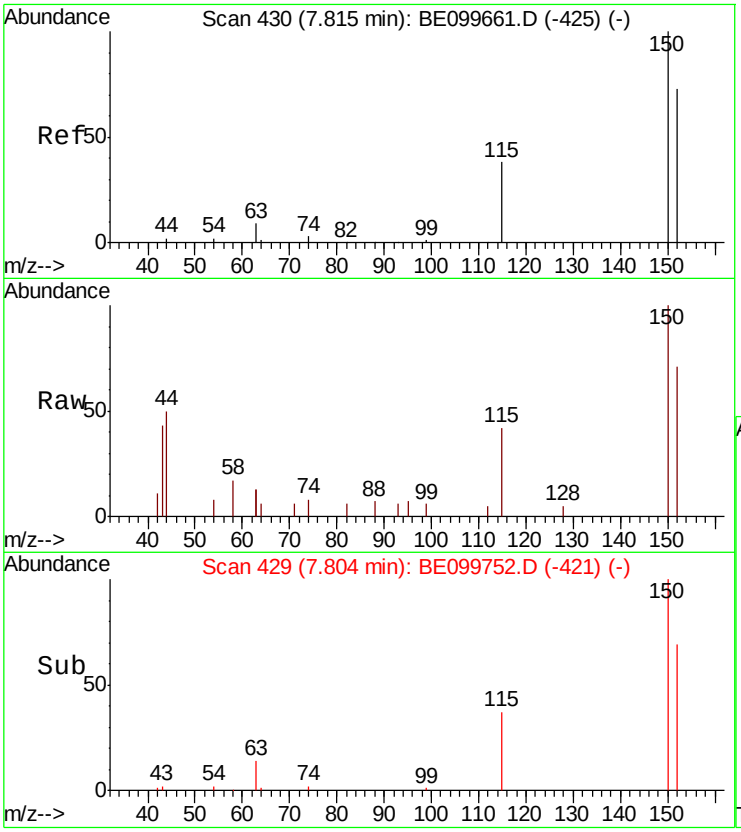


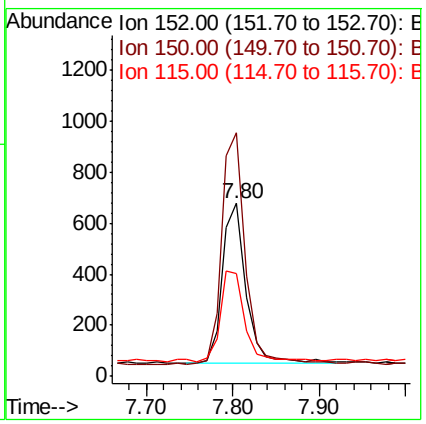


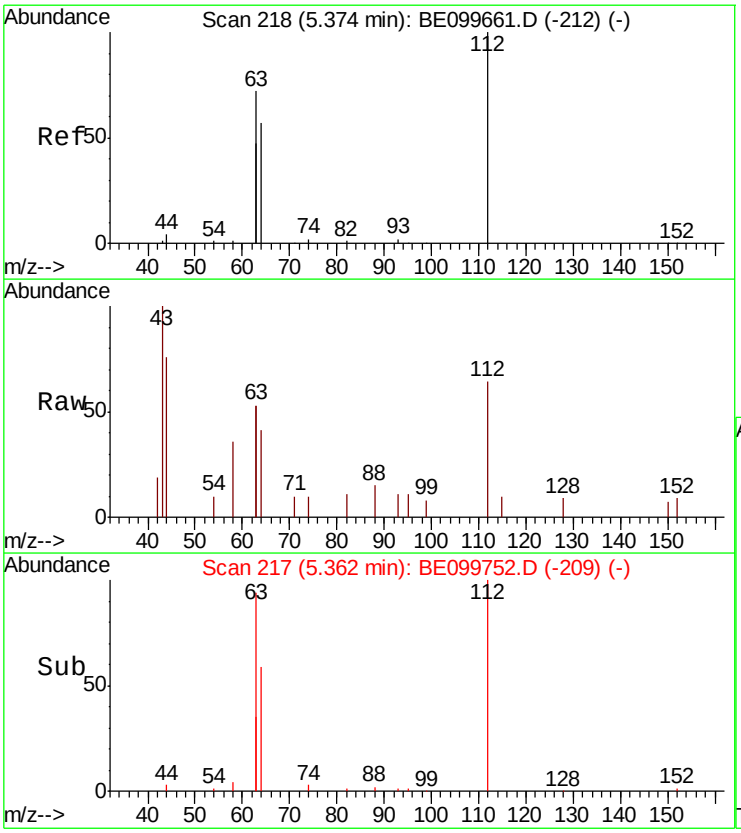
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:152 Resp: 1204

Ion	Ratio	Lower	Upper
152	100		
150	140.7	109.2	163.8
115	59.1	43.7	65.5

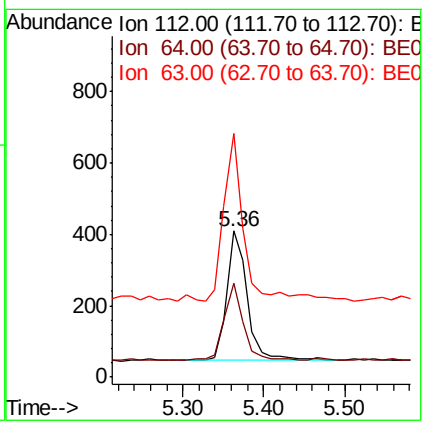


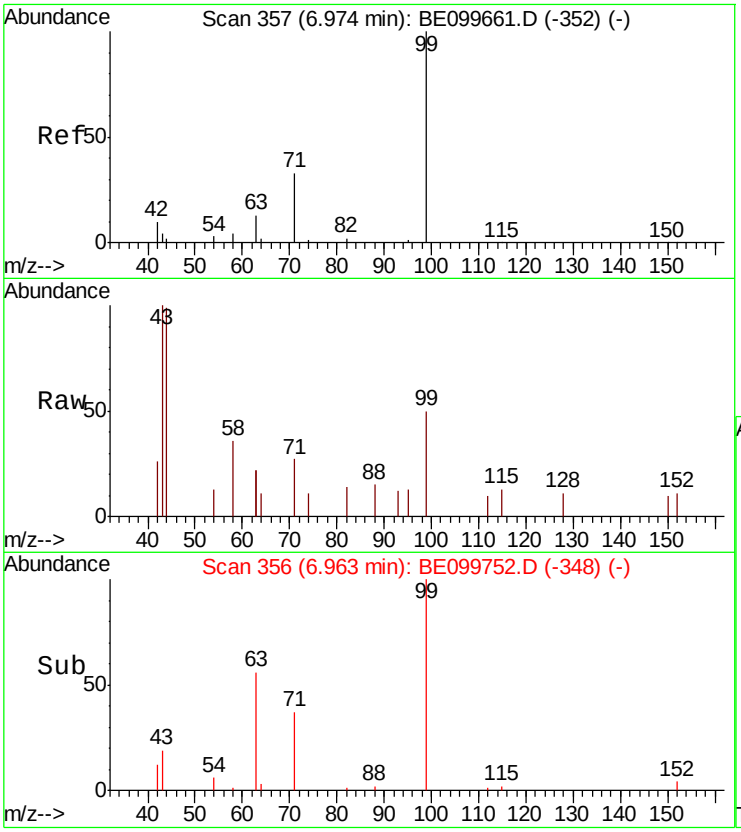


#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:112 Resp: 623

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.4	65.2
63	131.8	96.9	145.3



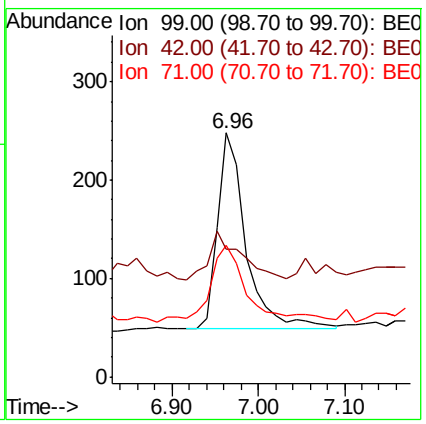


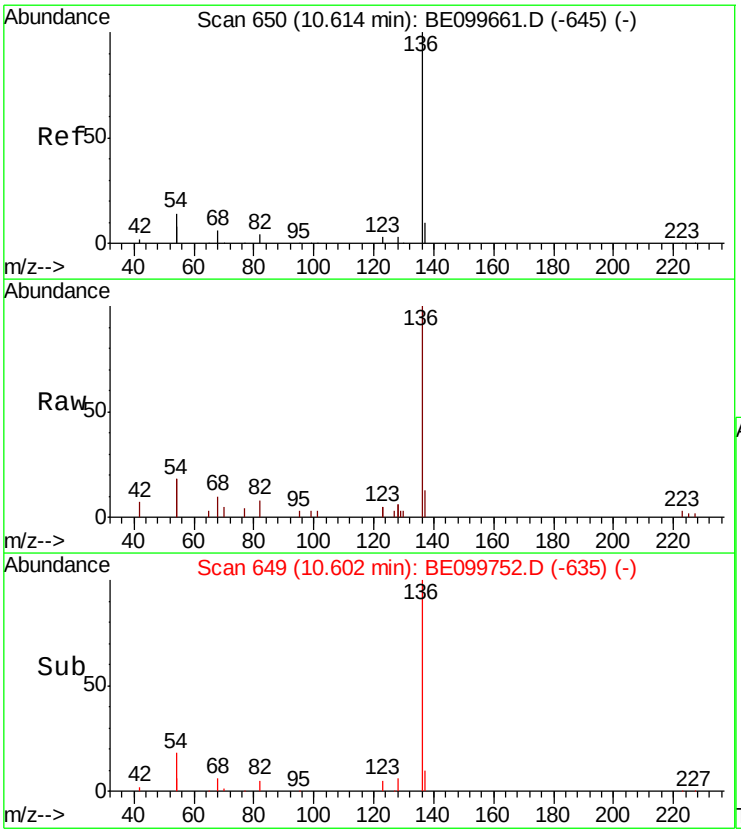
#5
Phenol-d6
Concen: 0.113 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion: 99 Resp: 455

Ion	Ratio	Lower	Upper
99	100		
42	27.5	12.2	18.2#
71	52.1	28.9	43.3#

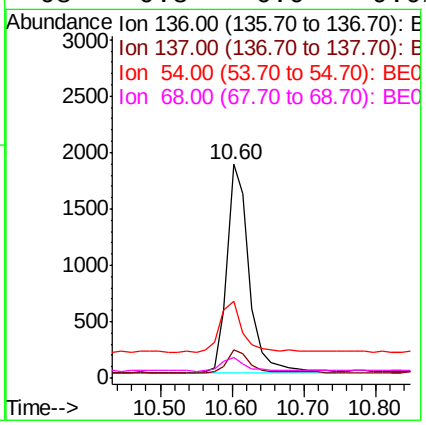


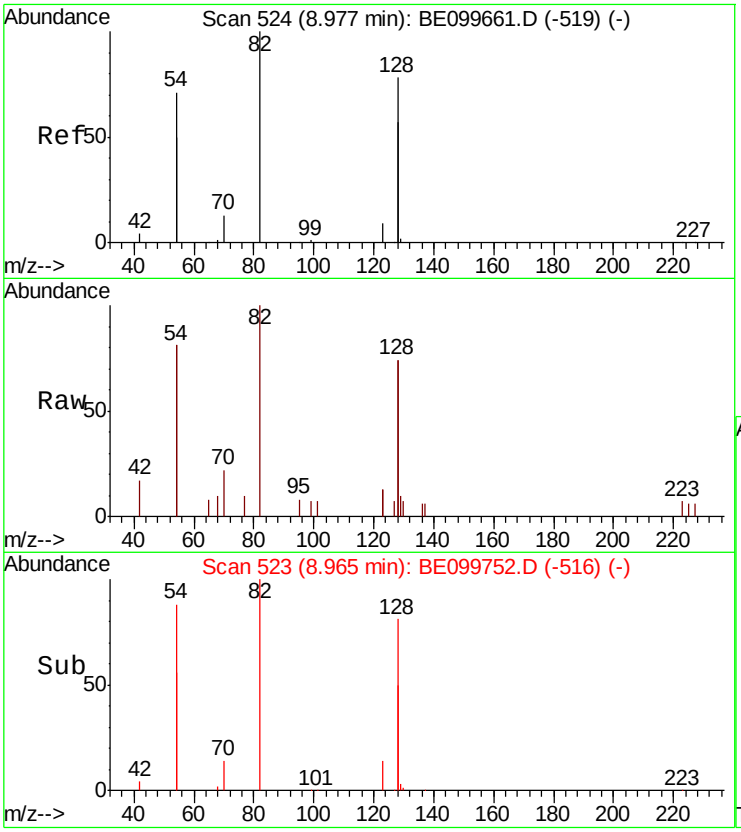


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:136 Resp: 3993

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.0	13.6
54	35.9	22.3	33.5#
68	9.8	6.0	9.0#



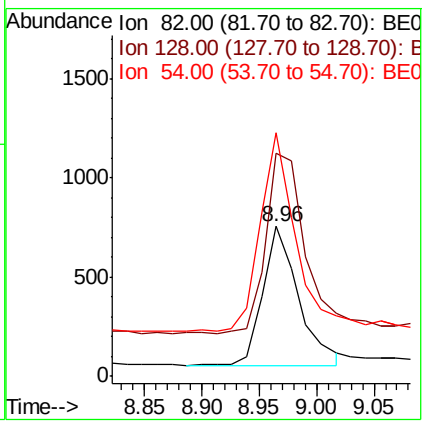


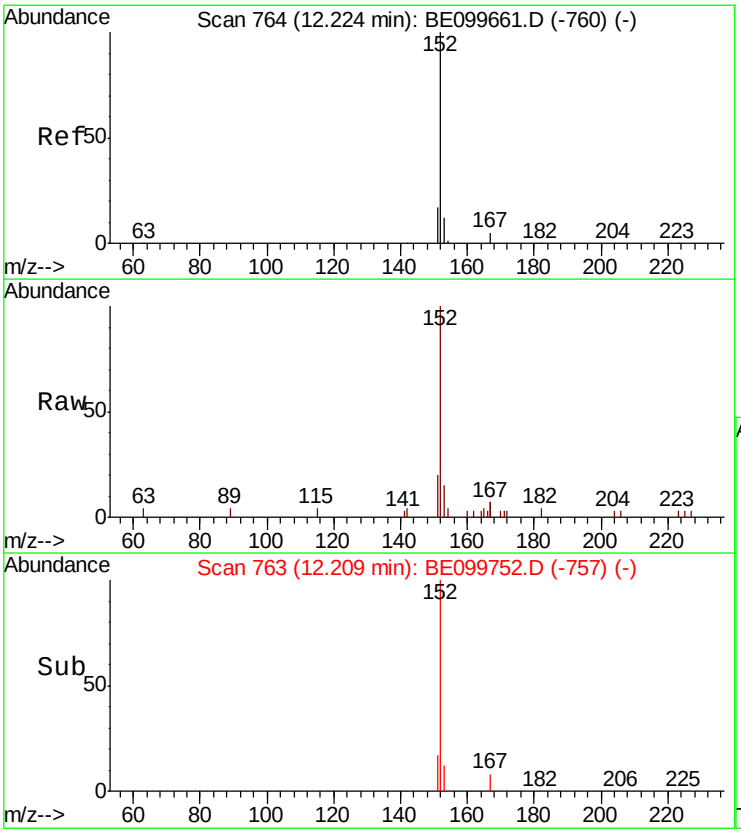
#8
Nitrobenzene-d5
Concen: 0.444 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion: 82 Resp: 1535

Ion	Ratio	Lower	Upper
82	100		
128	148.9	117.7	176.5
54	162.4	106.6	160.0#

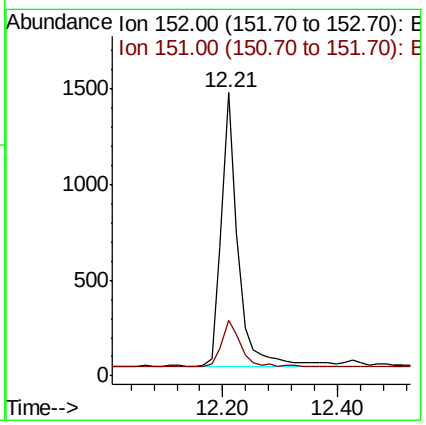


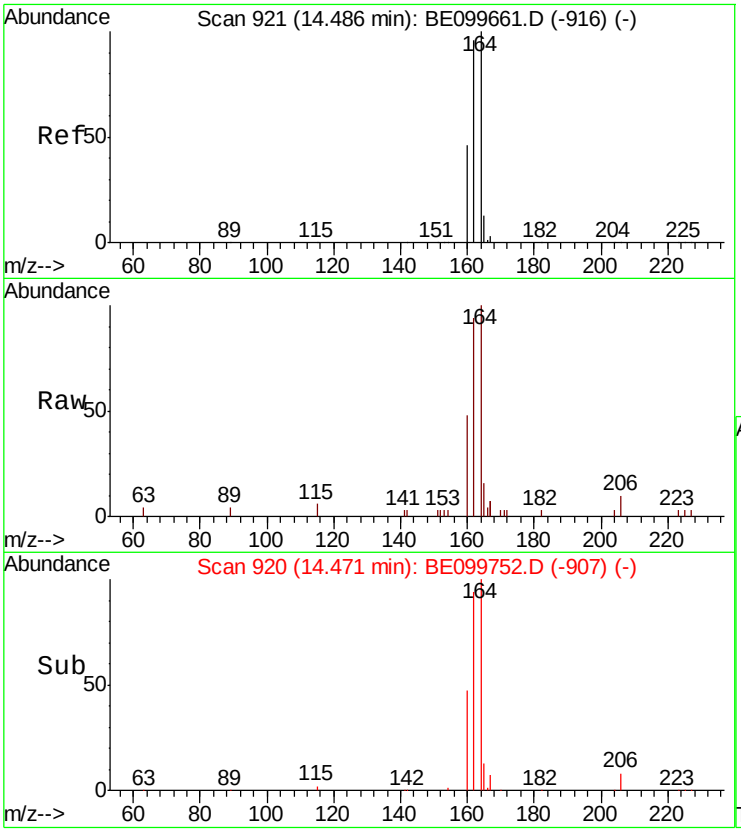


#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:152 Resp: 2904

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.4



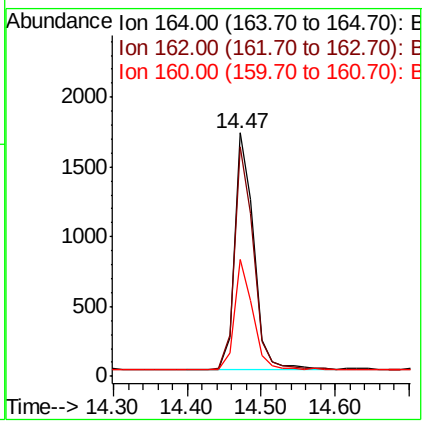


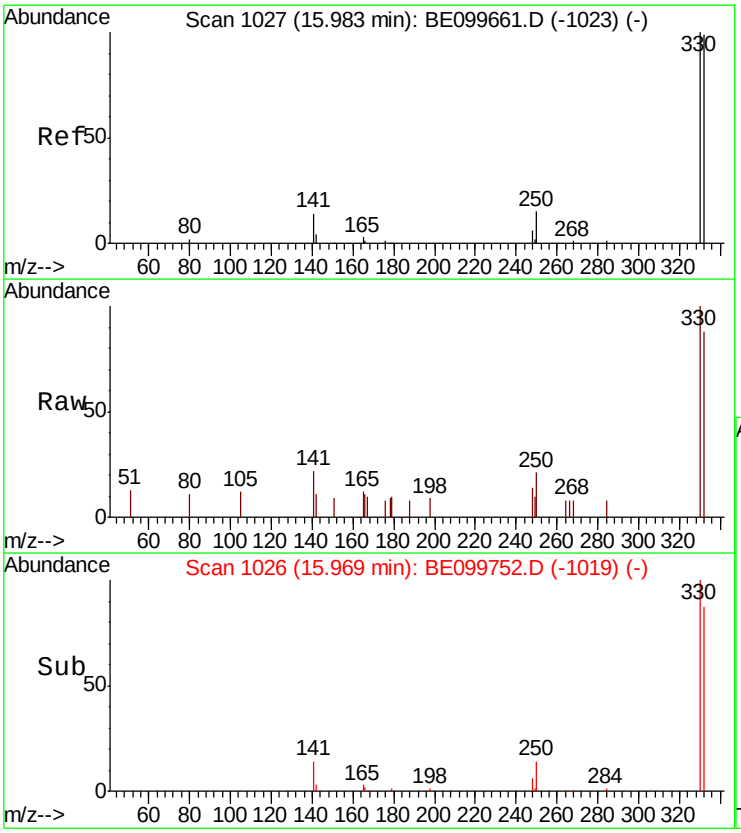
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:164 Resp: 3028

Ion	Ratio	Lower	Upper
164	100		
162	94.0	76.5	114.7
160	48.0	37.4	56.2

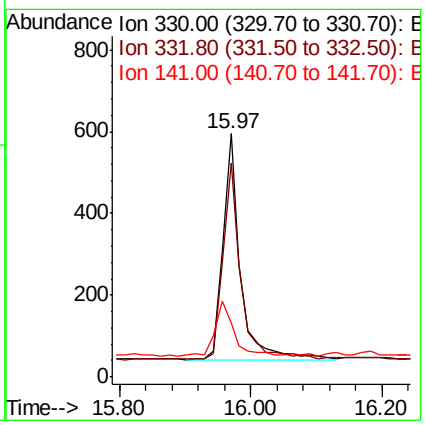


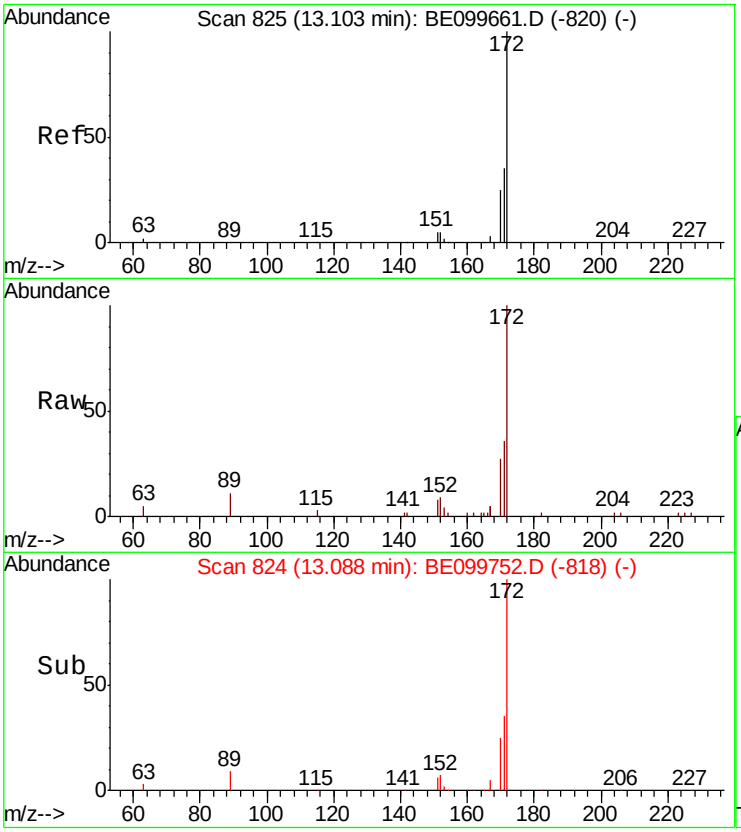


#14
2,4,6-Tribromophenol
Concen: 0.570 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:330 Resp: 1030

Ion	Ratio	Lower	Upper
330	100		
332	88.5	77.3	115.9
141	26.2	18.9	28.3



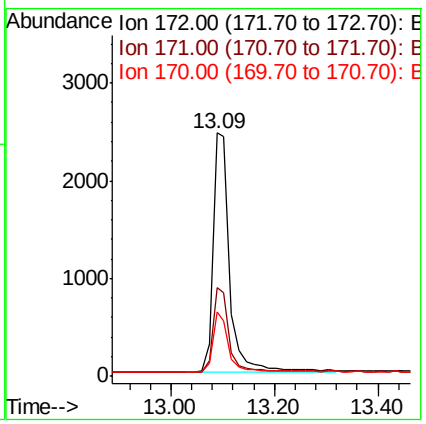


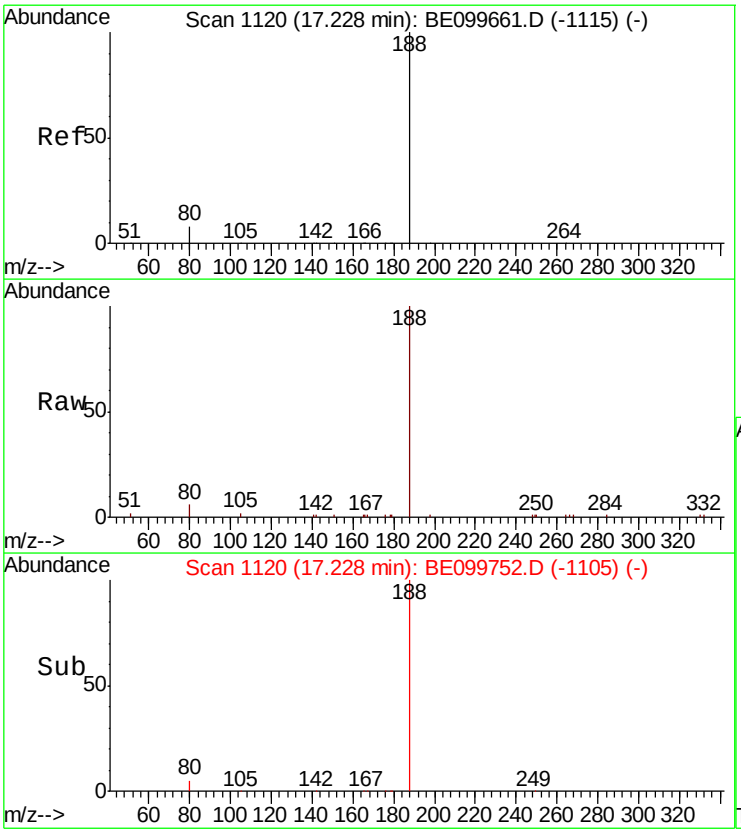
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:172 Resp: 5569

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	26.5	20.9	31.3

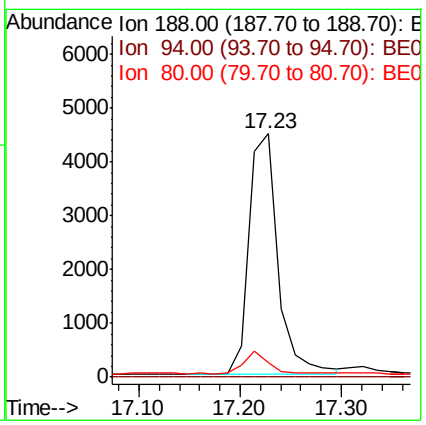


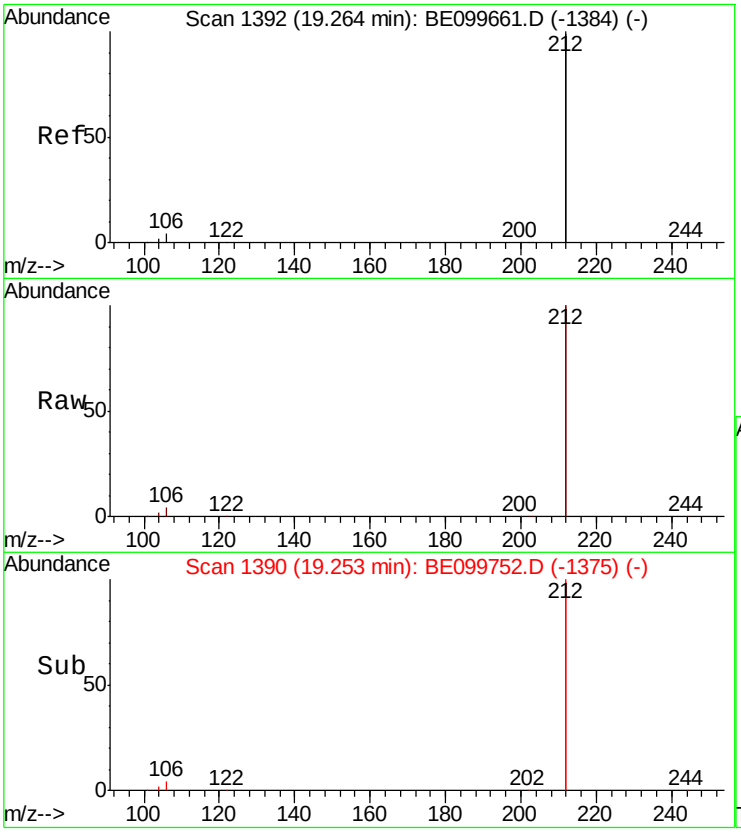


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:188 Resp: 9003

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.7	10.1#



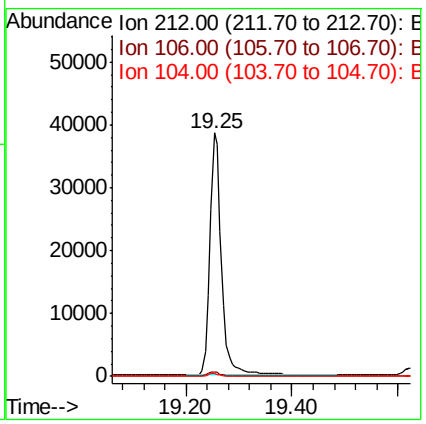


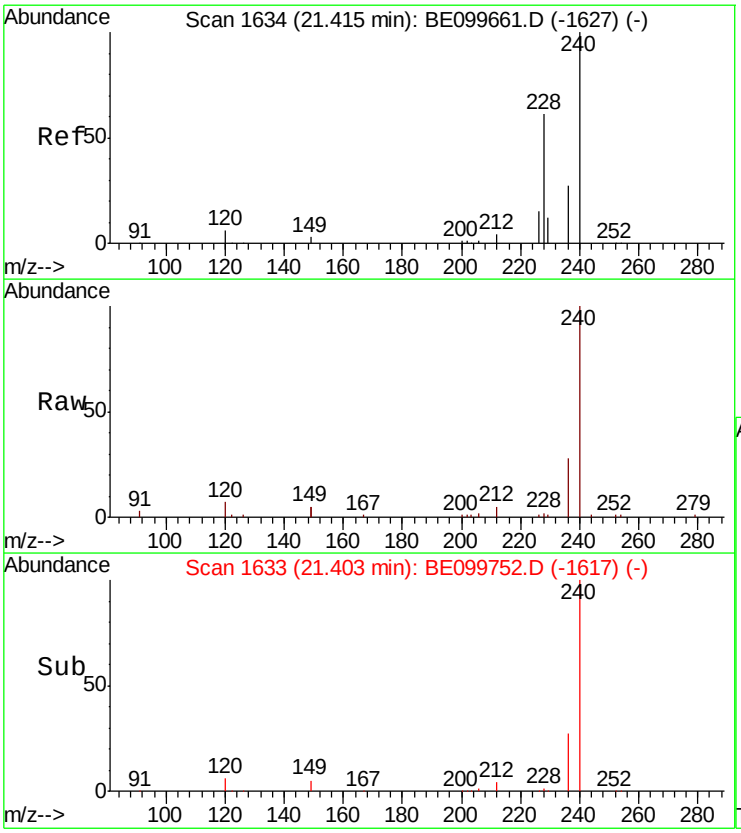
#25
Fluoranthene-d10
Concen: 0.480 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:212 Resp: 59028

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

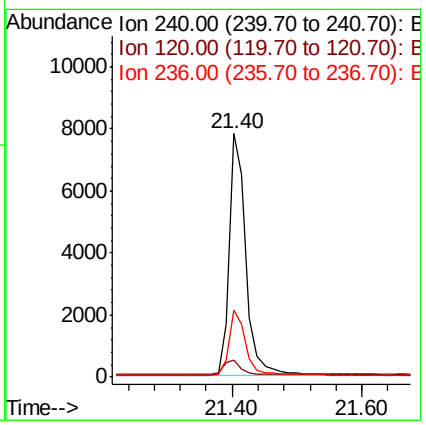


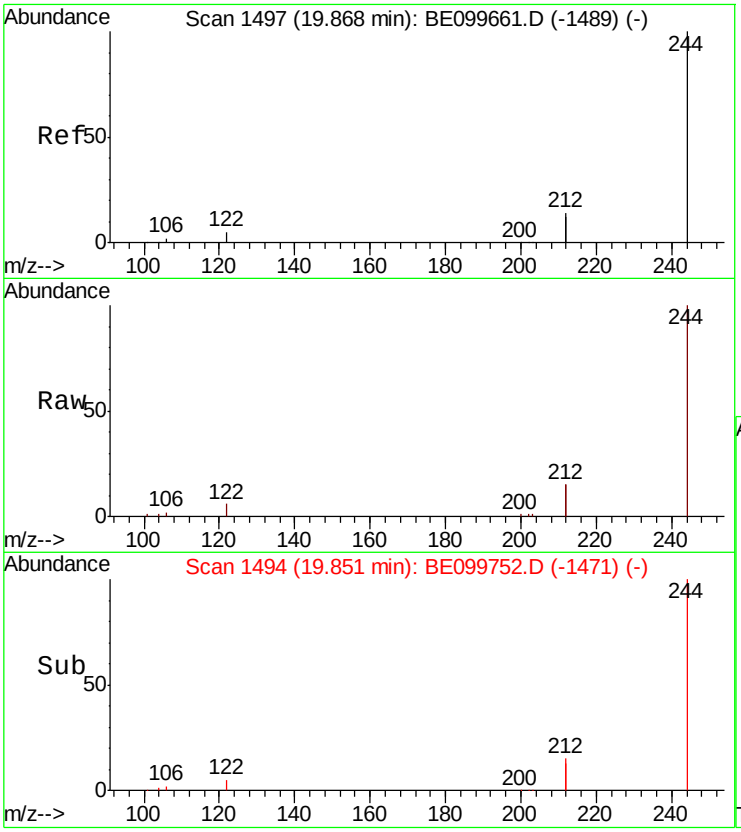


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:240 Resp: 14106

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.4	8.0
236	27.7	21.7	32.5



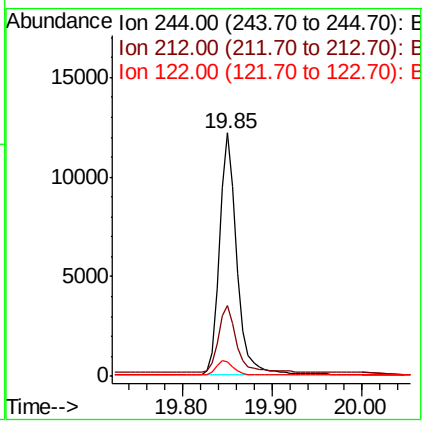


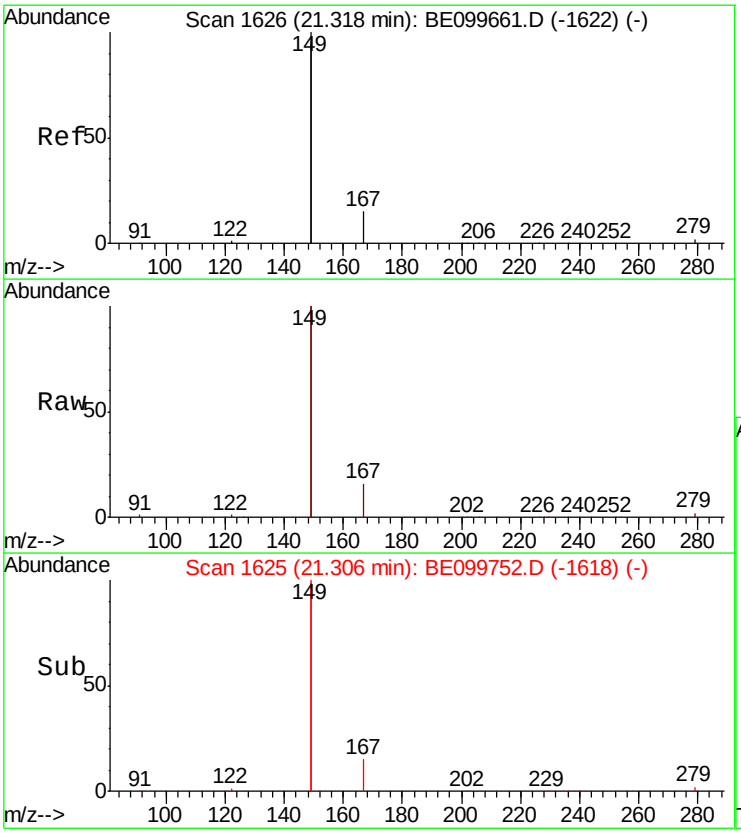
#29
Terphenyl-d14
Concen: 0.656 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:244 Resp: 16513

Ion	Ratio	Lower	Upper
244	100		
212	29.2	22.5	33.7
122	5.9	4.3	6.5

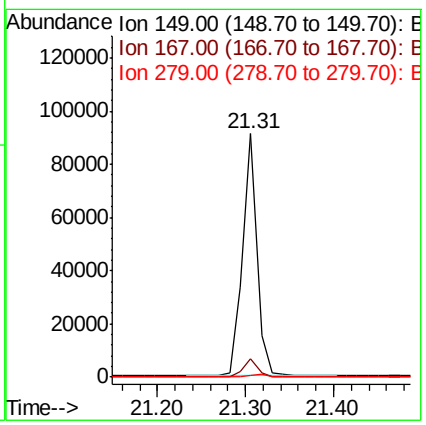


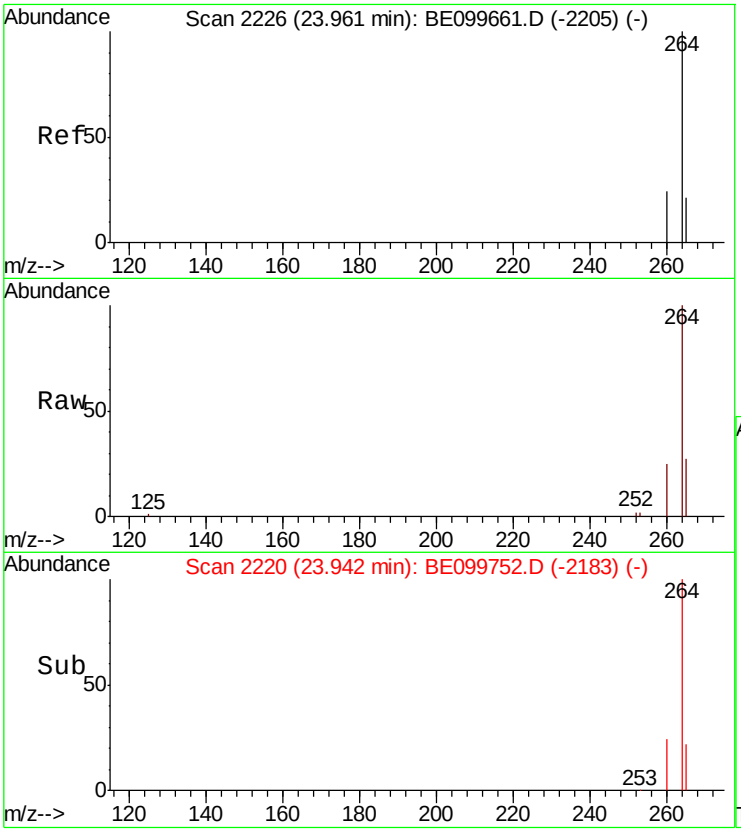


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.236 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:149 Resp: 103308

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.3	1.2	1.8





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190521

Tgt Ion:264 Resp: 16664

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	26.8	19.1	28.7