Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
Data File : BE100503.D
Acq On : 23 Jul 2019 16:08
Operator : HP/JU
Sample : K3856-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-190716

Quant Time: Jul 24 03:22:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2934	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	11079	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	6771	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	17570	0.40	ng	0.00
27) Chrysene-d12	21.38	240	19385	0.40	ng	0.00
34) Perylene-d12	23.85	264	21276	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1487	0.21	ng	0.00
5) Phenol-d6	7.03	99	1301	0.13	ng	0.00
8) Nitrobenzene-d5	9.02	82	4274	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7116	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1635	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11054	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	103323	0.43	ng	0.00
29) Terphenyl-d14	19.83	244	19868	0.42	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	11015	0.081	ng	98

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

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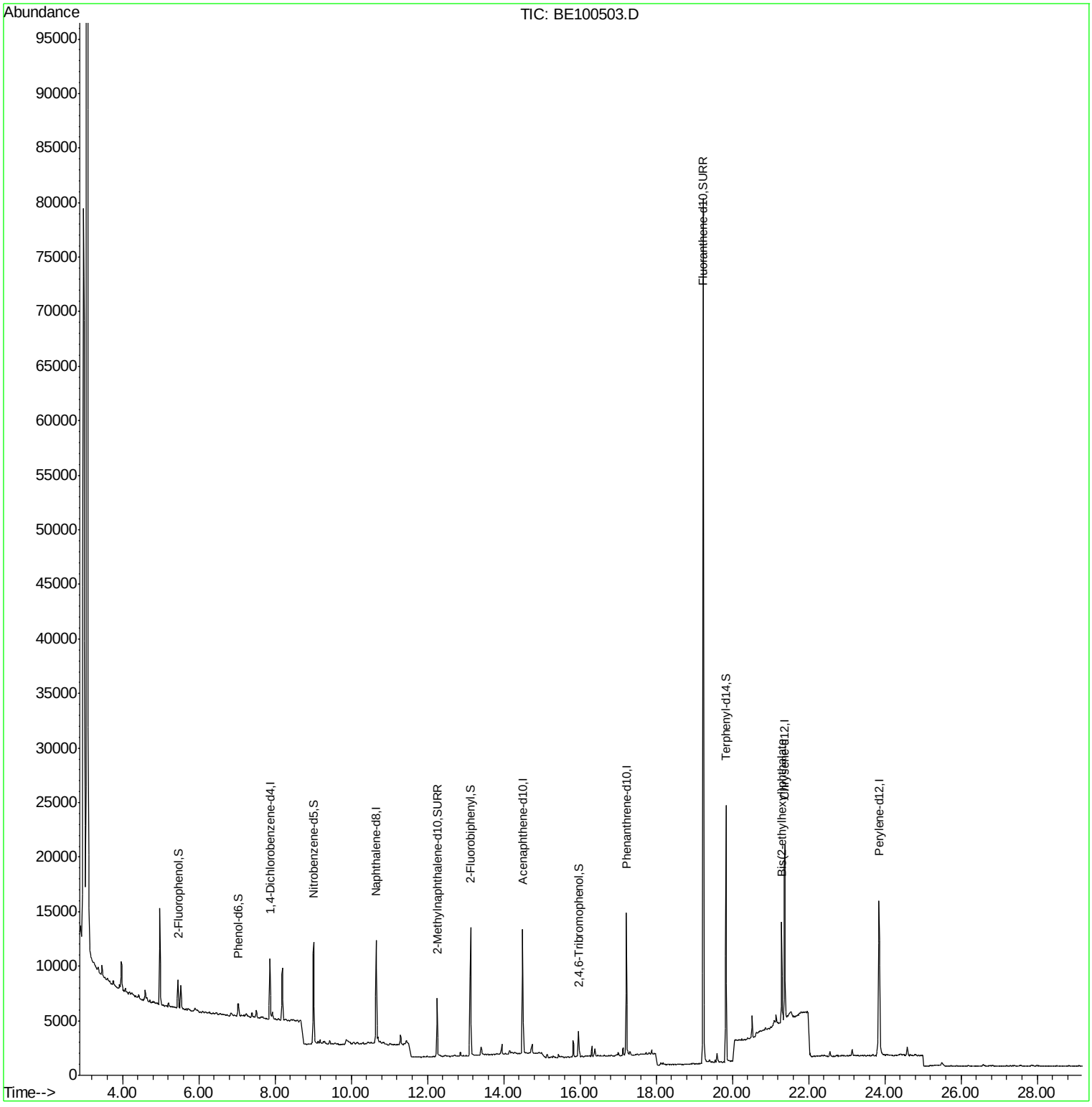
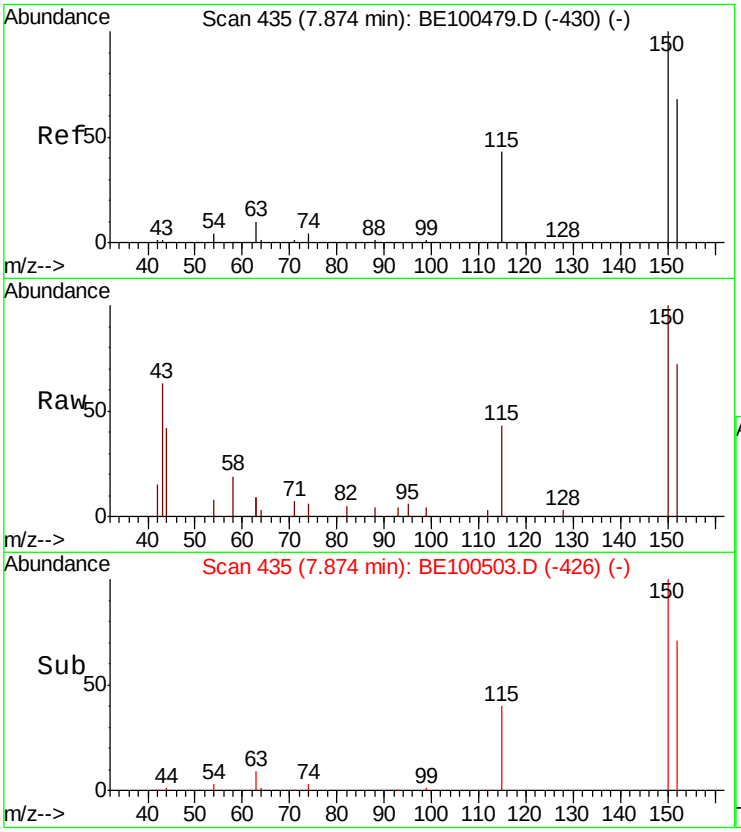


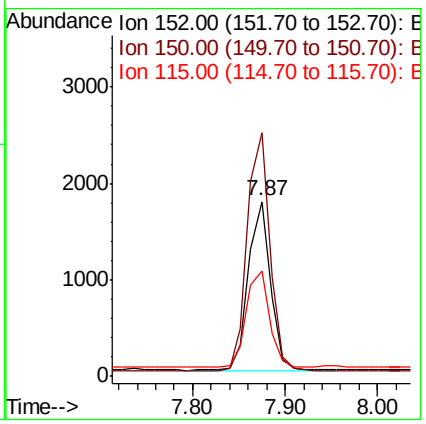


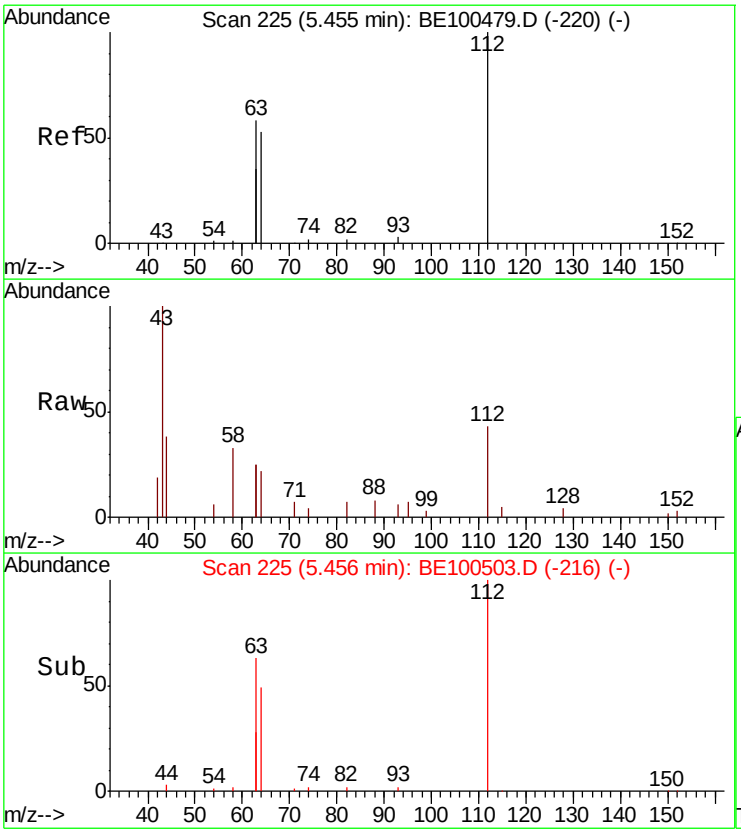
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:152 Resp: 2934

Ion	Ratio	Lower	Upper
152	100		
150	139.5	115.0	172.6
115	60.5	52.9	79.3

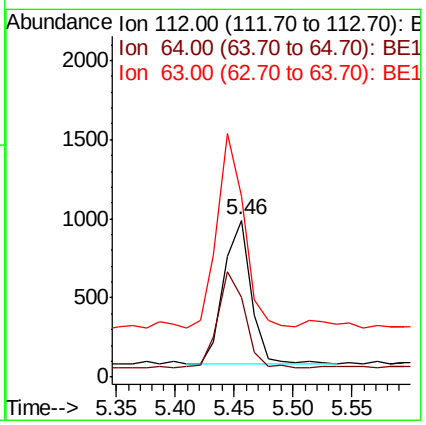


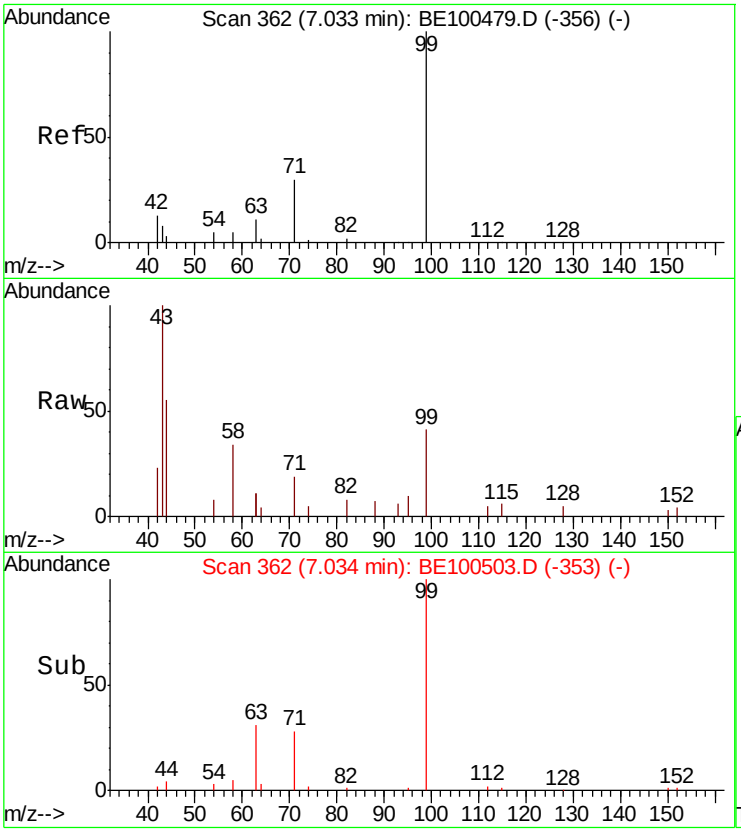


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:112 Resp: 1487

Ion	Ratio	Lower	Upper
112	100		
64	65.0	54.1	81.1
63	132.2	104.6	157.0



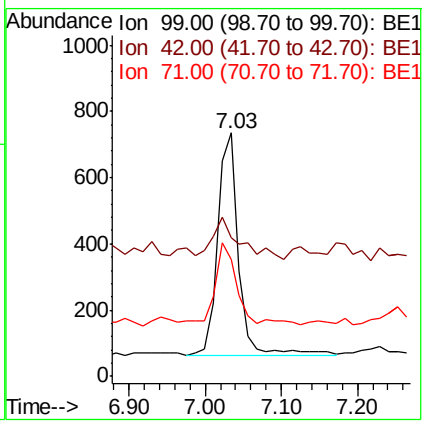


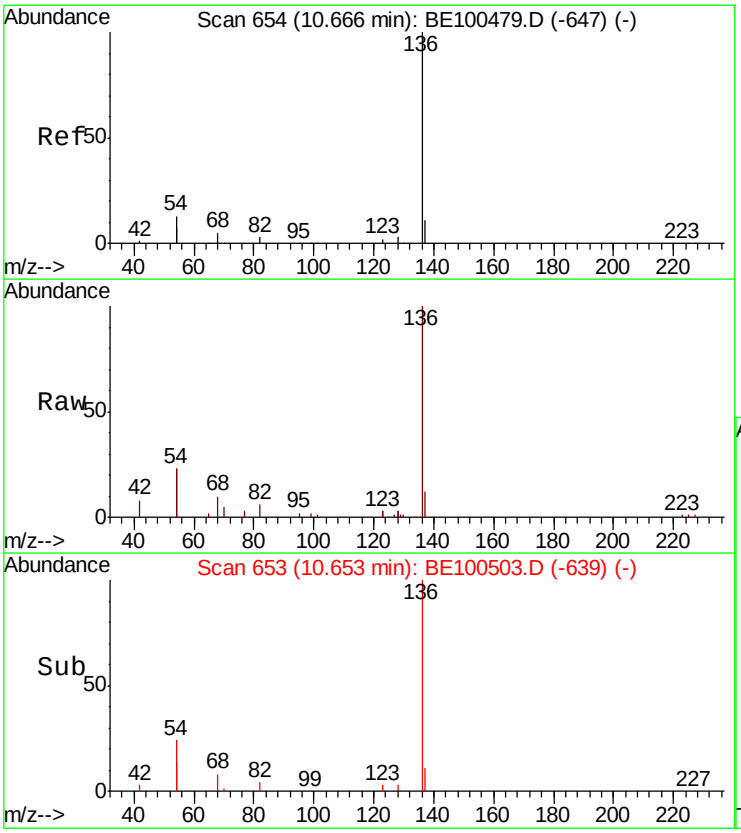
#5
Phenol-d6
Concen: 0.127 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion: 99 Resp: 1301

Ion	Ratio	Lower	Upper
99	100		
42	25.1	14.5	21.7#
71	38.9	26.4	39.6

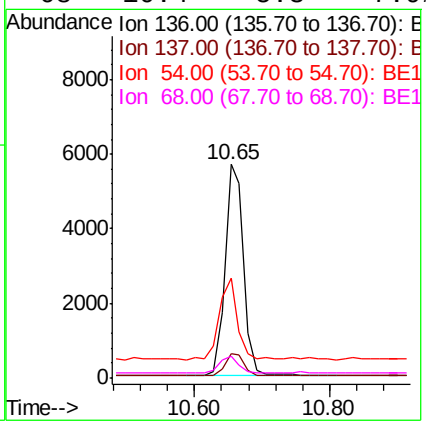


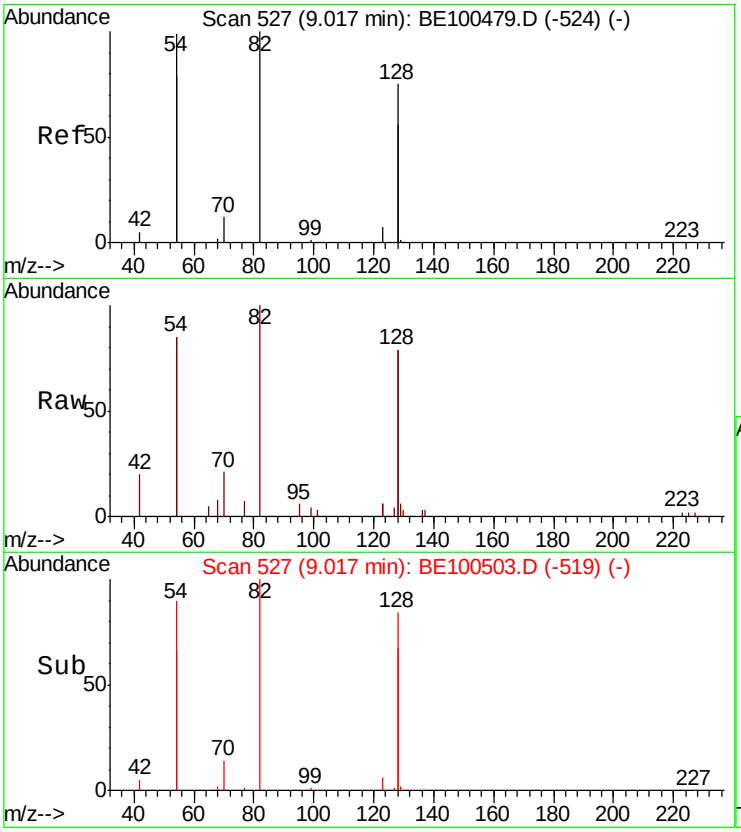


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:136 Resp: 11079

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	46.8	20.6	31.0#
68	10.4	5.3	7.9#



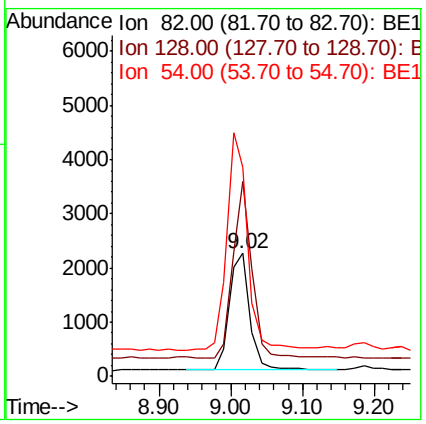


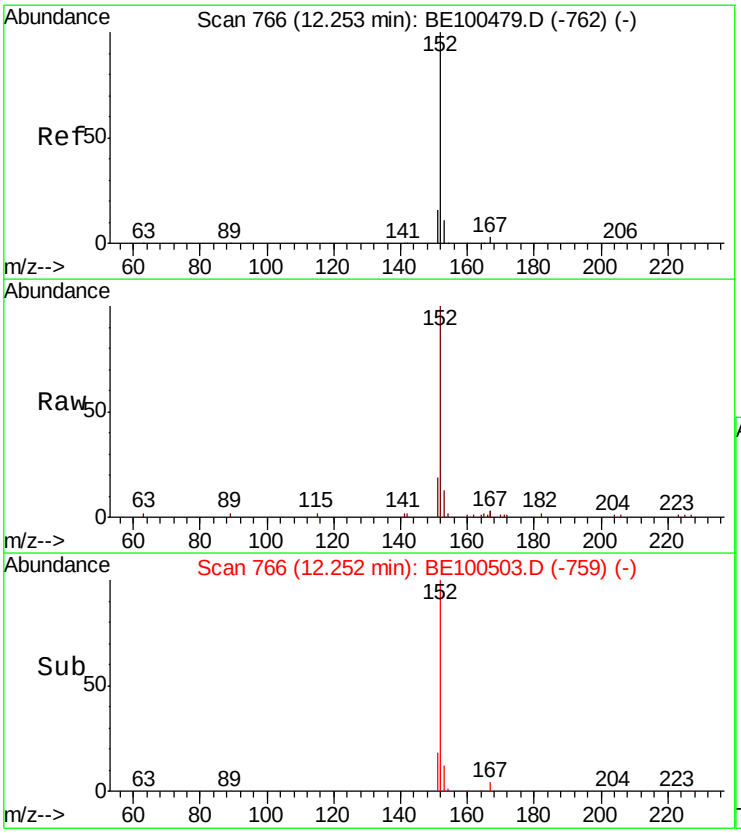
#8
Nitrobenzene-d5
Concen: 0.464 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion: 82 Resp: 4274

Ion	Ratio	Lower	Upper
82	100		
128	158.4	113.6	170.4
54	170.5	150.6	226.0

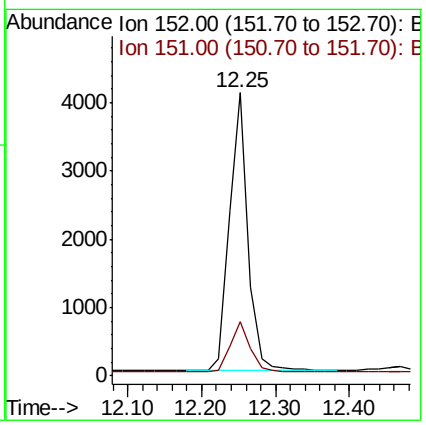


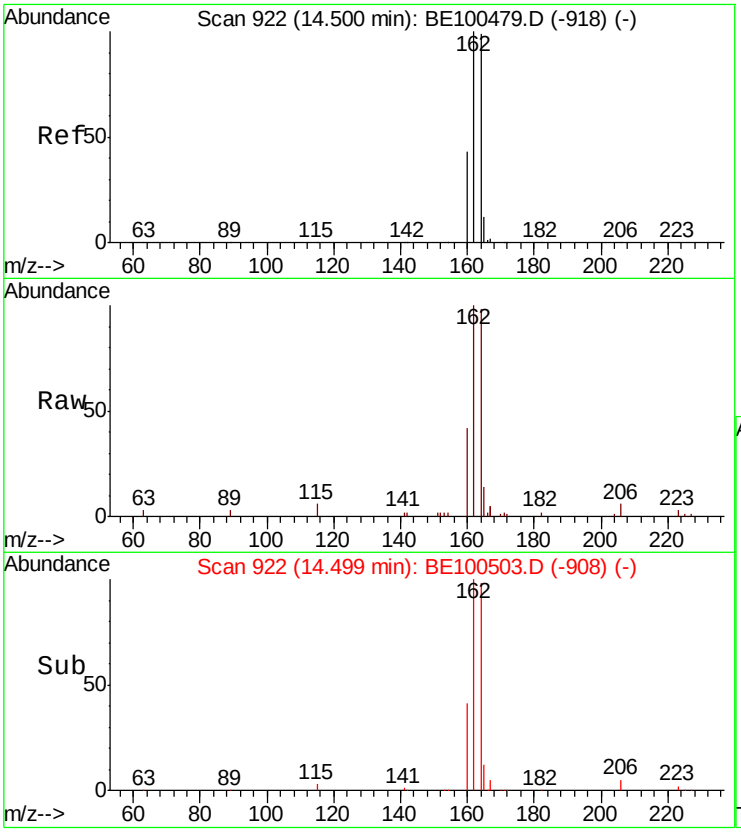


#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:152 Resp: 7116

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7



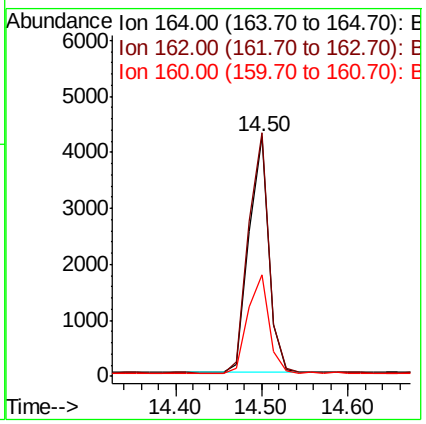


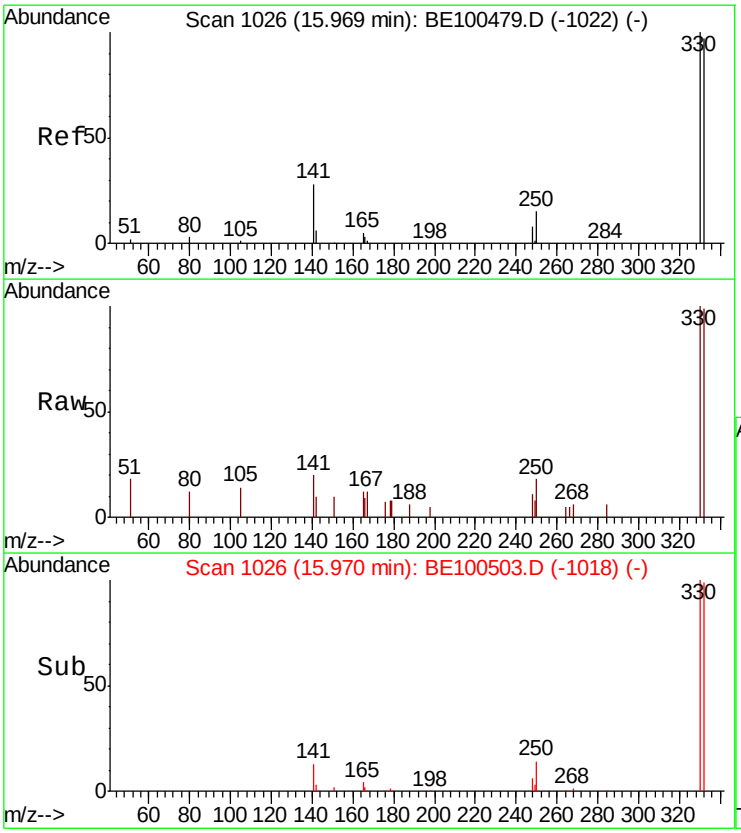
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:164 Resp: 6771

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.8	121.2
160	42.6	34.9	52.3

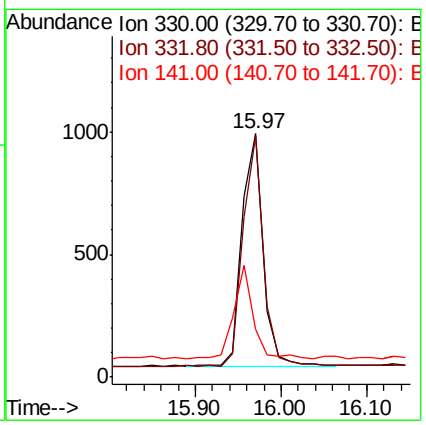


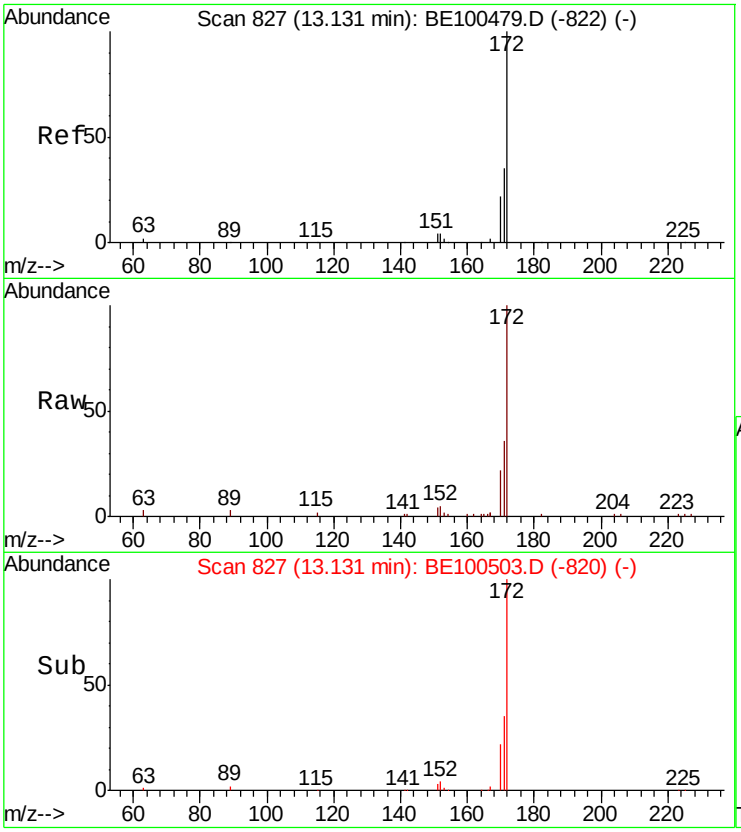


#14
2,4,6-Tribromophenol
Concen: 0.557 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:330 Resp: 1635

Ion	Ratio	Lower	Upper
330	100		
332	96.3	80.5	120.7
141	36.1	29.9	44.9



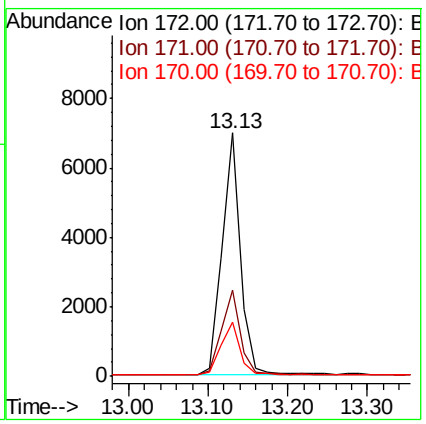


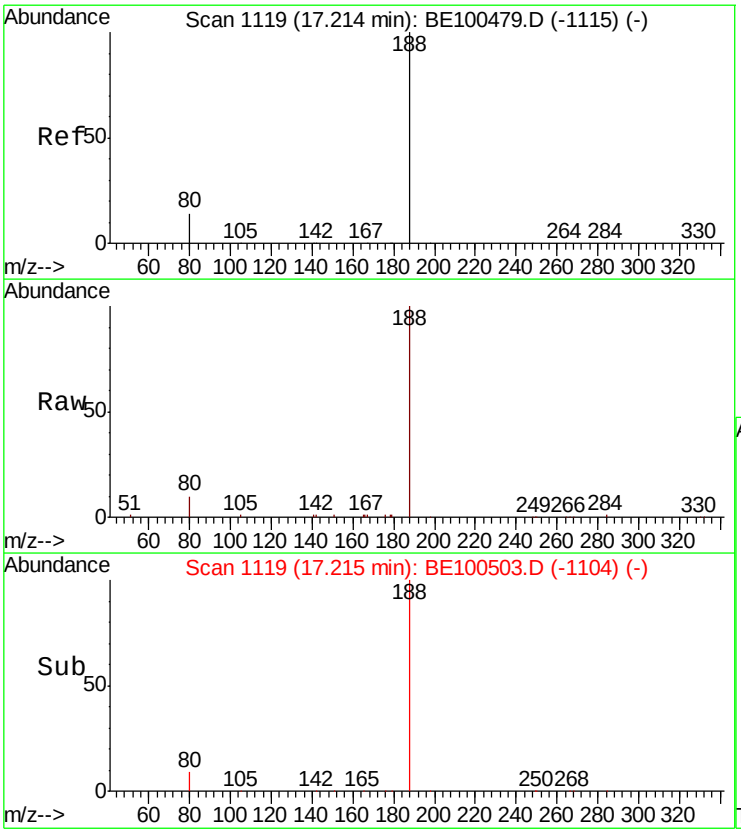
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:172 Resp: 11054

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	22.2	17.8	26.8

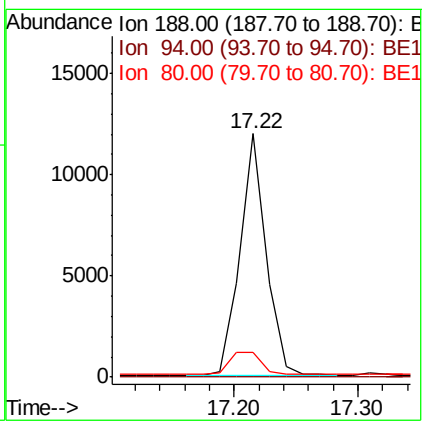


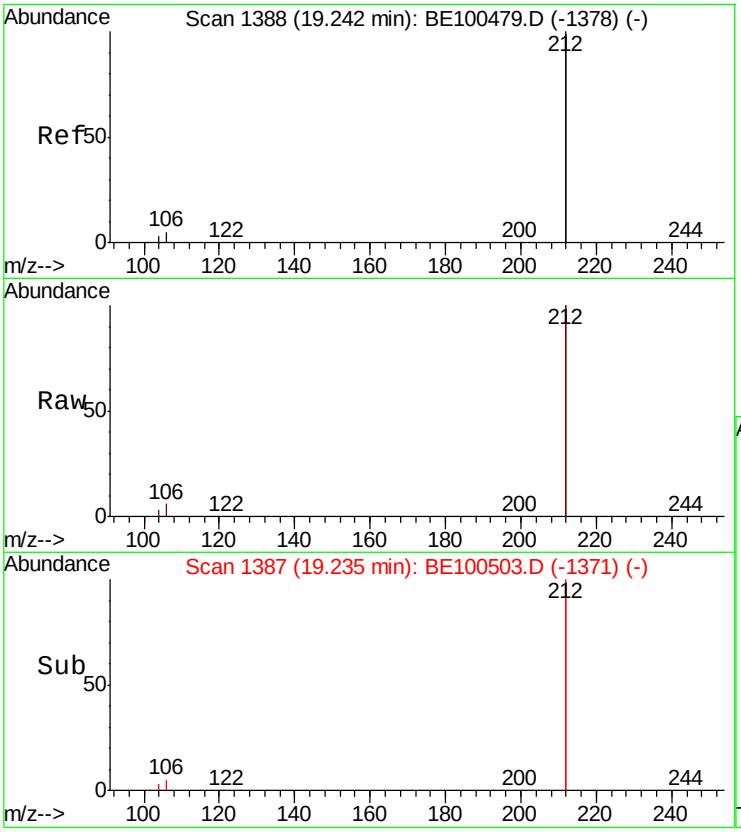


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:188 Resp: 17570

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	11.9	17.9#



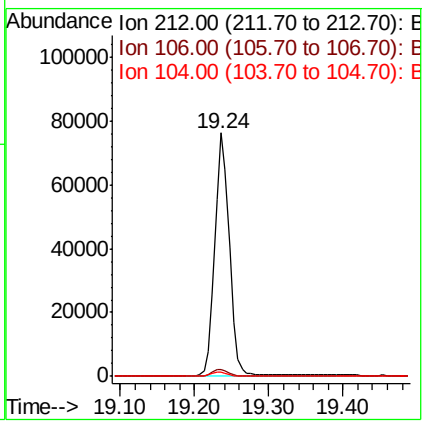


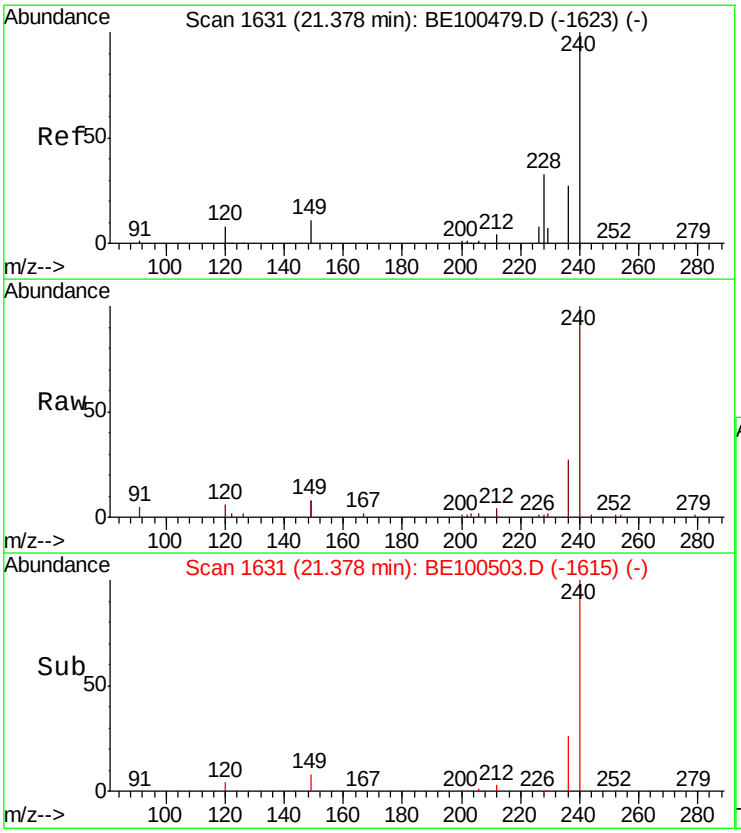
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:212 Resp: 103323

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.6	1.2	1.8

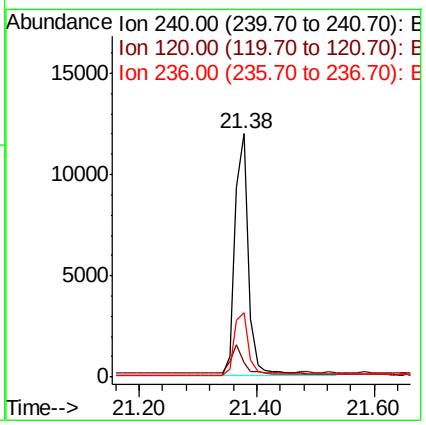


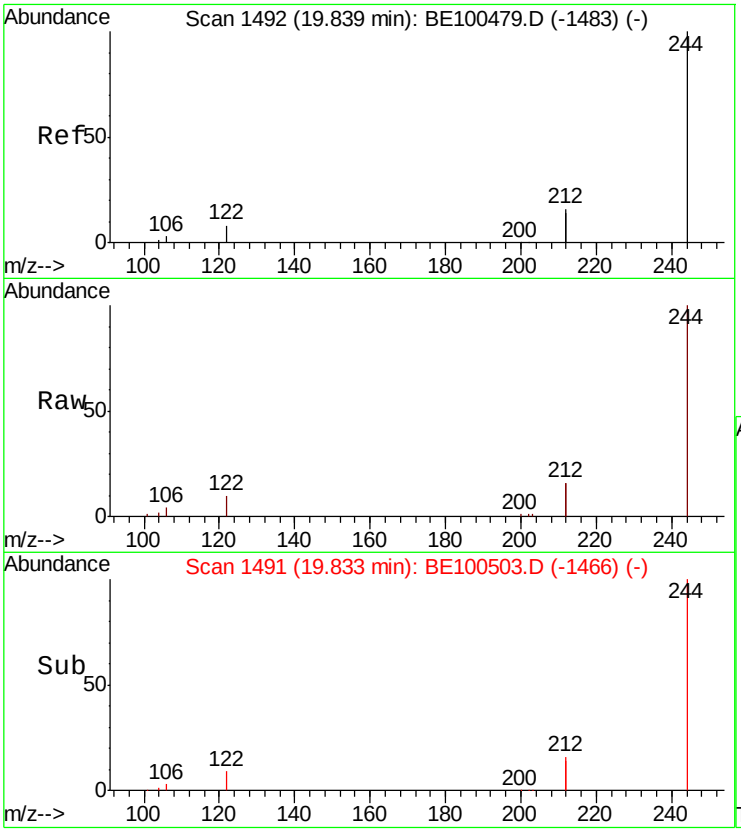


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:240 Resp: 19385

Ion	Ratio	Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	26.6	22.6	34.0



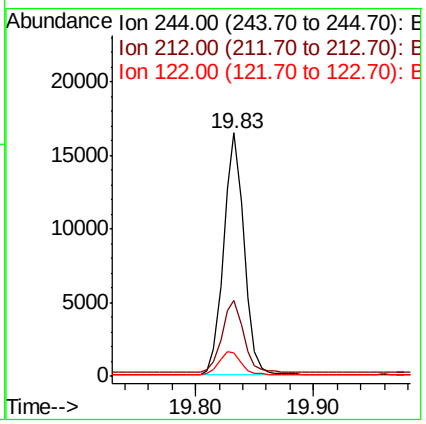


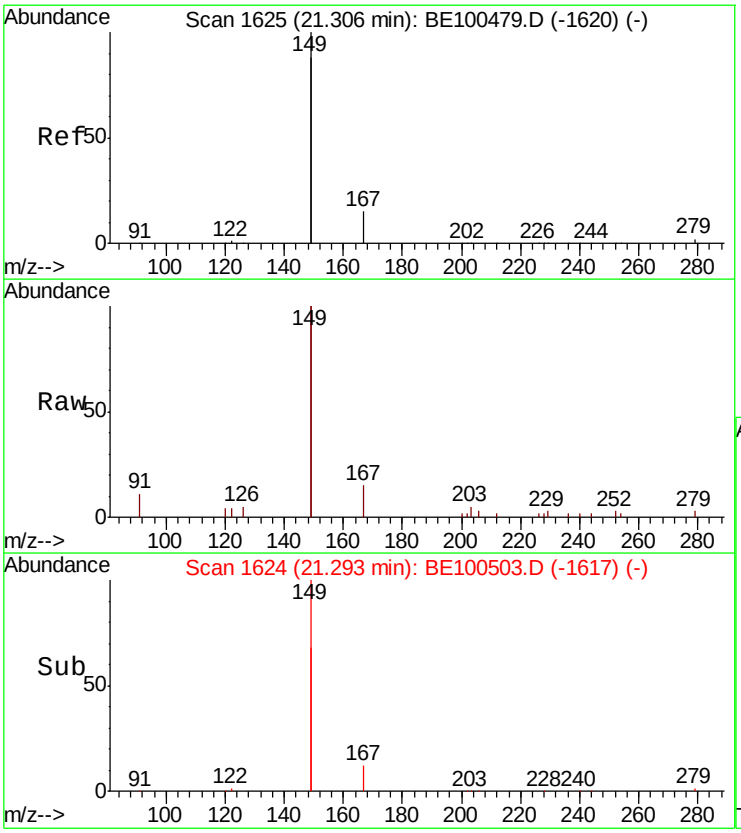
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:244 Resp: 19868

Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.6	38.4
122	9.8	7.2	10.8

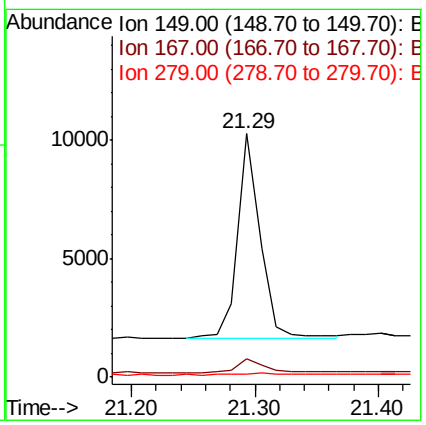


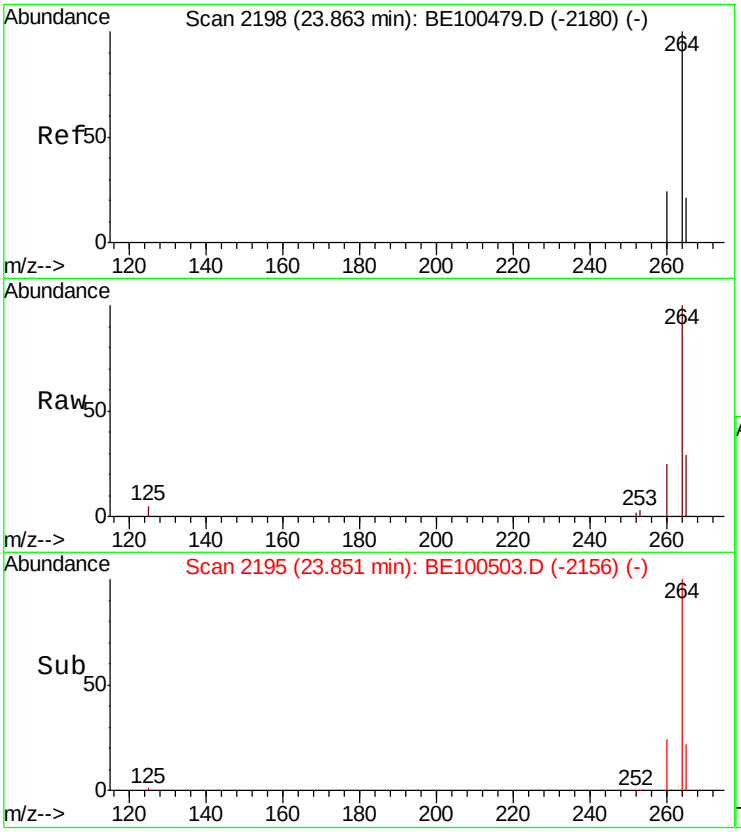


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:149 Resp: 11015

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.9	8.9
279	1.2	1.0	1.6





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190716

Tgt Ion:264 Resp: 21276

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	29.2	23.4	35.2