Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041919\
Data File : BE099350.D
Acq On : 19 Apr 2019 15:48
Operator : JU/SJ
Sample : K2450-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-190416

Quant Time: Apr 19 23:07:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4054	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	13603	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	9067	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	28017	0.40	ng		0.00
27) Chrysene-d12	21.37	240	33084	0.40	ng		0.00
34) Perylene-d12	23.86	264	35895	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1701	0.17	ng		0.00
5) Phenol-d6	6.97	99	2081	0.15	ng		0.00
8) Nitrobenzene-d5	8.96	82	27672	2.62	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	9145	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1231	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	97208	2.73	ng		0.00
25) Fluoranthene-d10	19.22	212	145686	0.43	ng		0.00
29) Terphenyl-d14	19.81	244	232542	3.57	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	9700	0.065	ng	#	98
12) 2-Methylnaphthalene	12.27	142	2156	0.085	ng		96
23) Phenanthrene	17.23	178	1681	0.023	ng	#	95
32) Bis(2-ethylhexyl)phthalate	21.26	149	10155	0.115	ng		99

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

Quantitation Report (QT Reviewed)

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Data File : BE099350.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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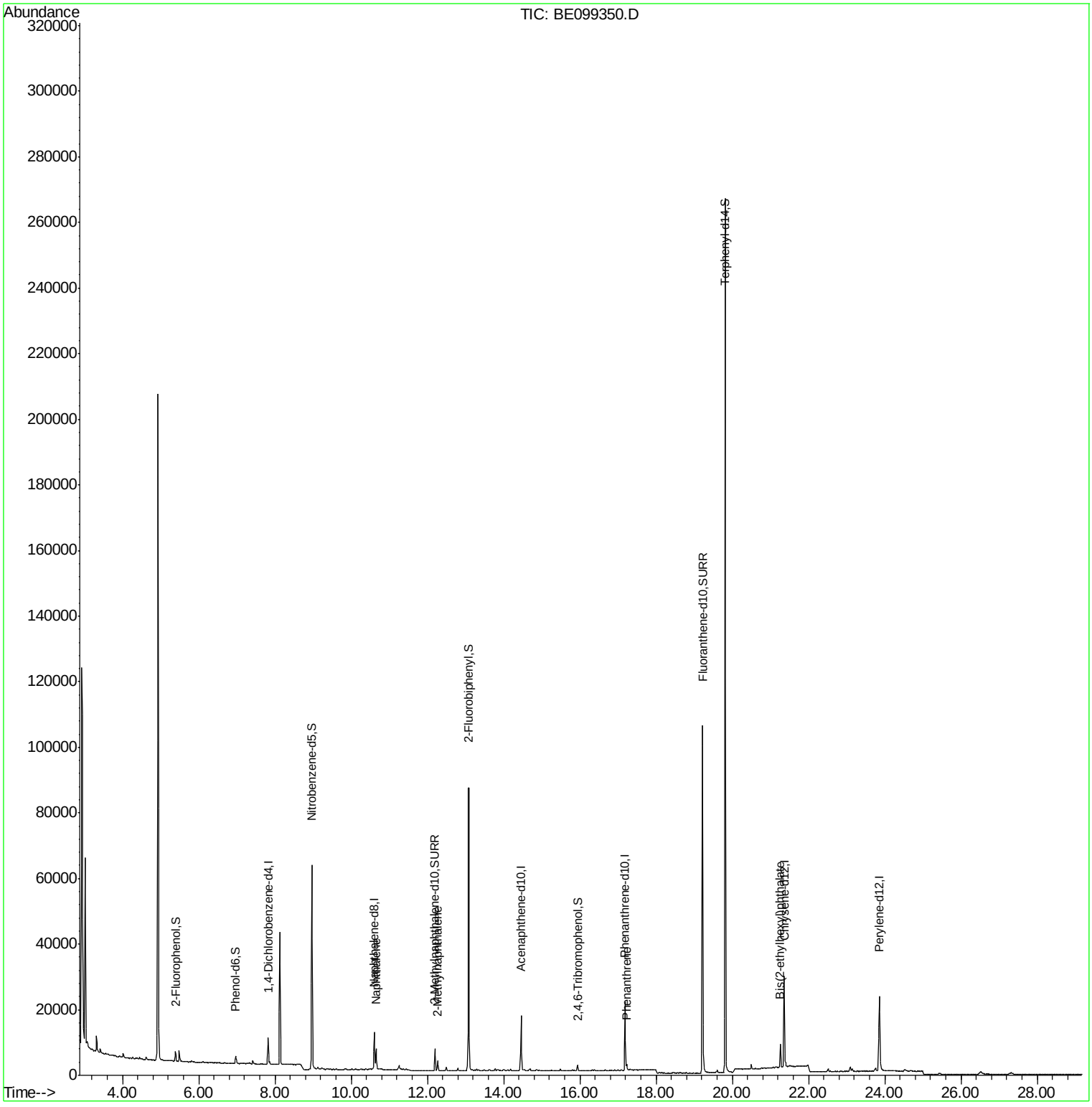
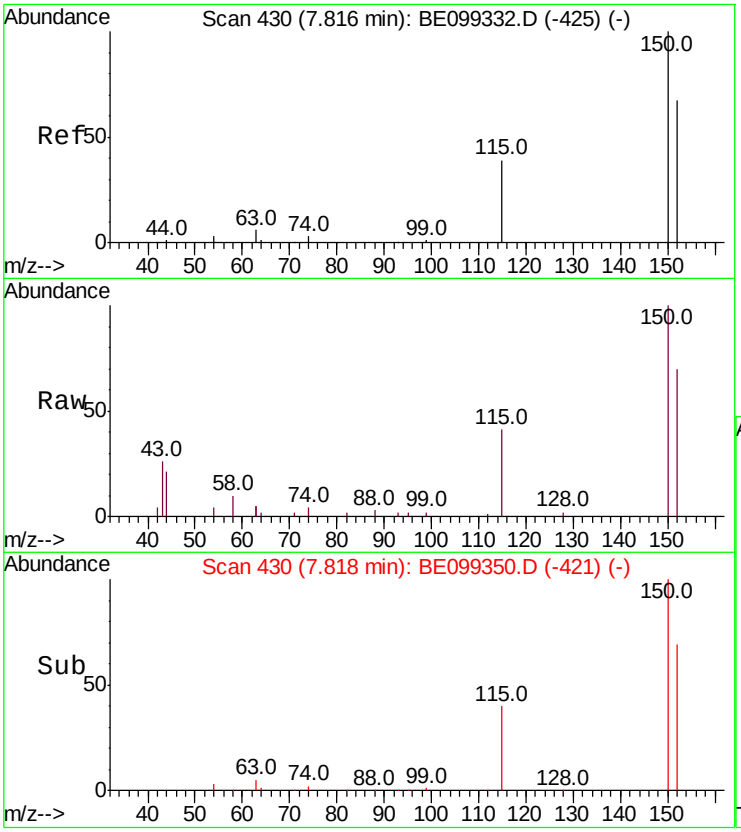


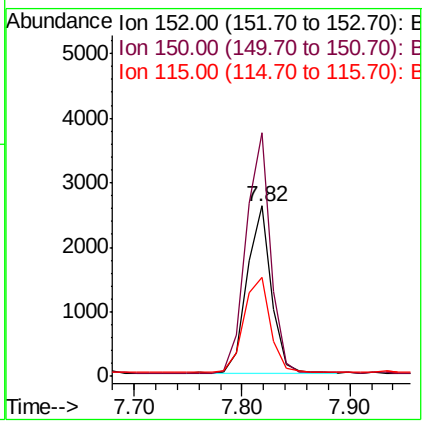


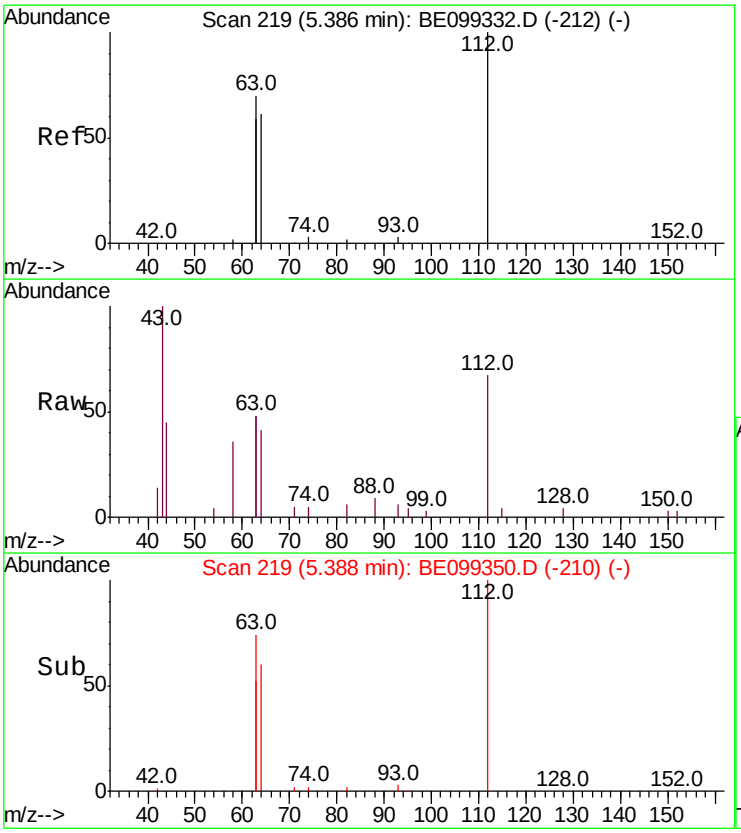
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:152 Resp: 4054

Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	58.3	47.5	71.3

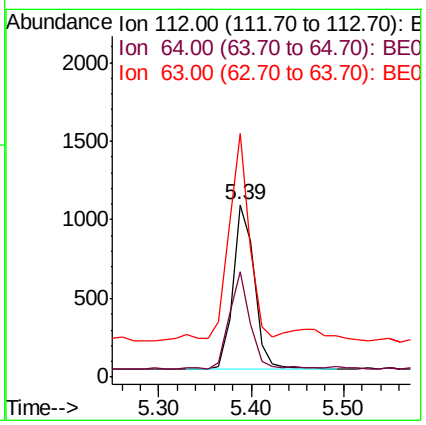


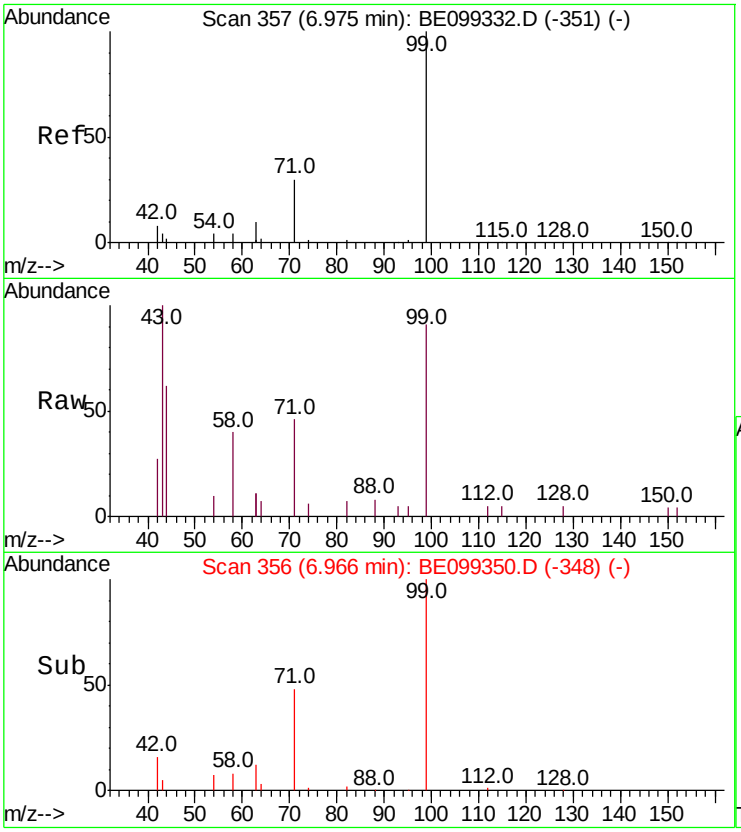


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:112 Resp: 1701

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.9	67.3
63	118.0	97.4	146.0



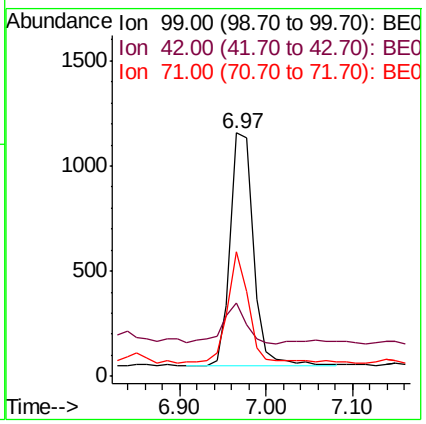


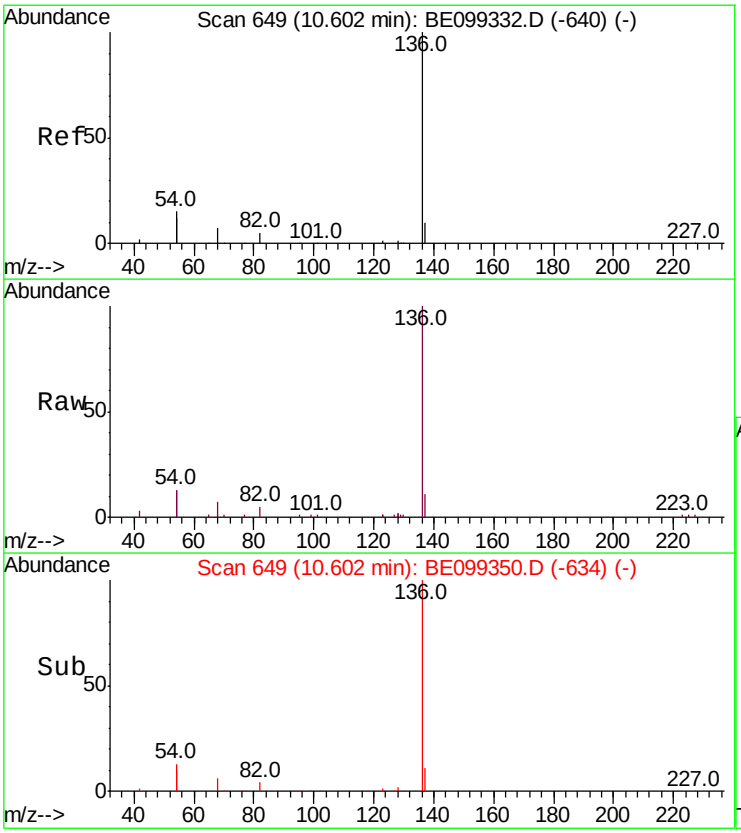
#5
Phenol-d6
Concen: 0.147 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion: 99 Resp: 2081

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.7	17.5
71	44.7	29.6	44.4#

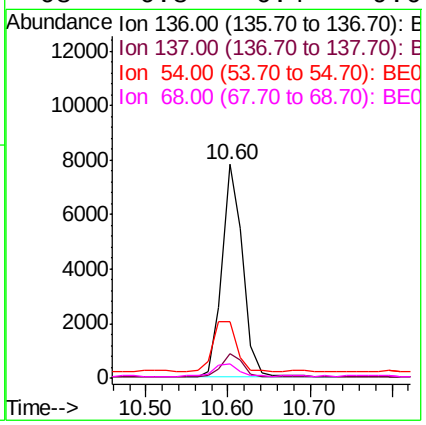


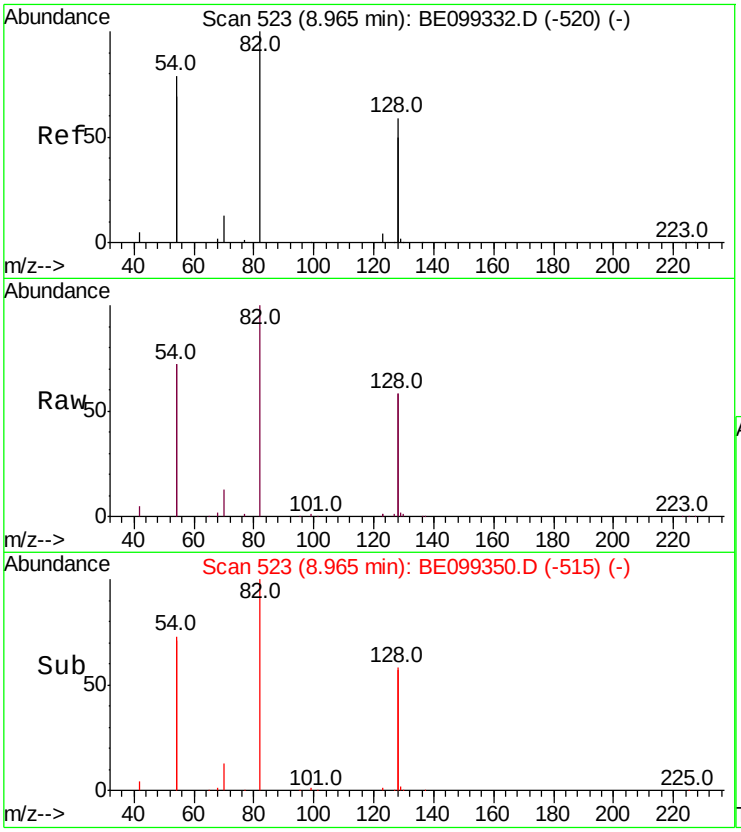


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:136 Resp: 13603

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	26.5	23.8	35.8
68	6.8	6.4	9.6



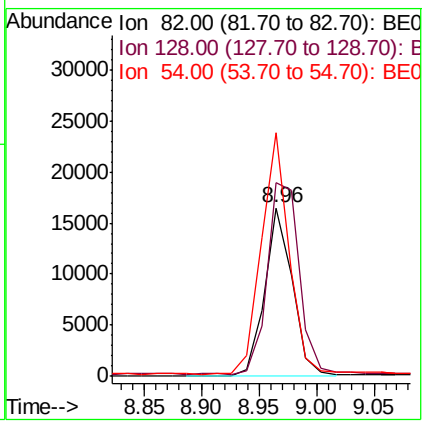


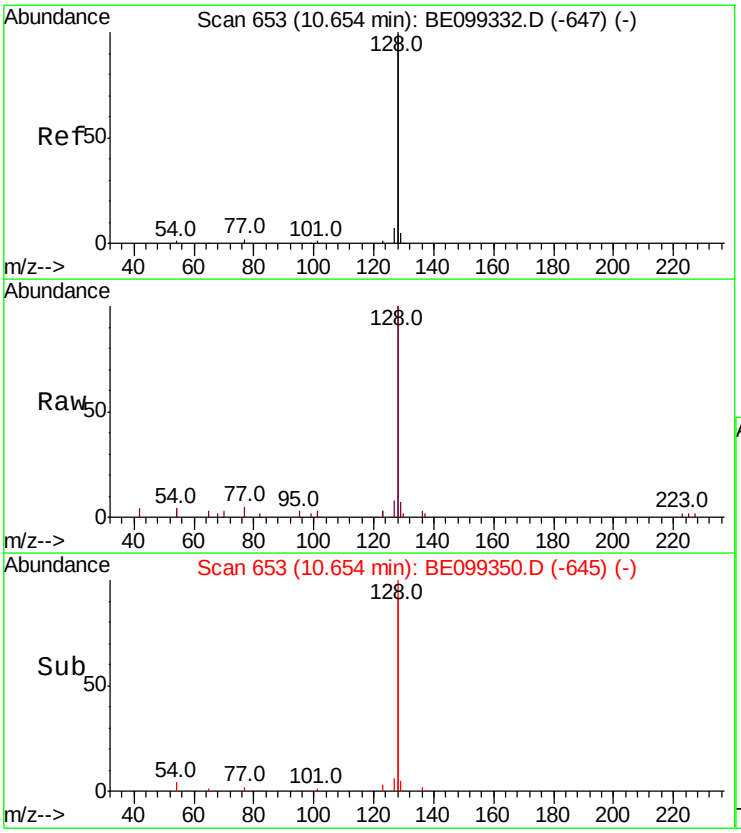
#8
Nitrobenzene-d5
Concen: 2.621 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion: 82 Resp: 27672

Ion	Ratio	Lower	Upper
82	100		
128	115.5	91.7	137.5
54	144.8	122.8	184.2

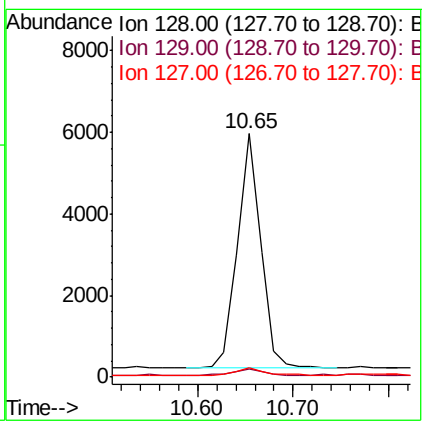


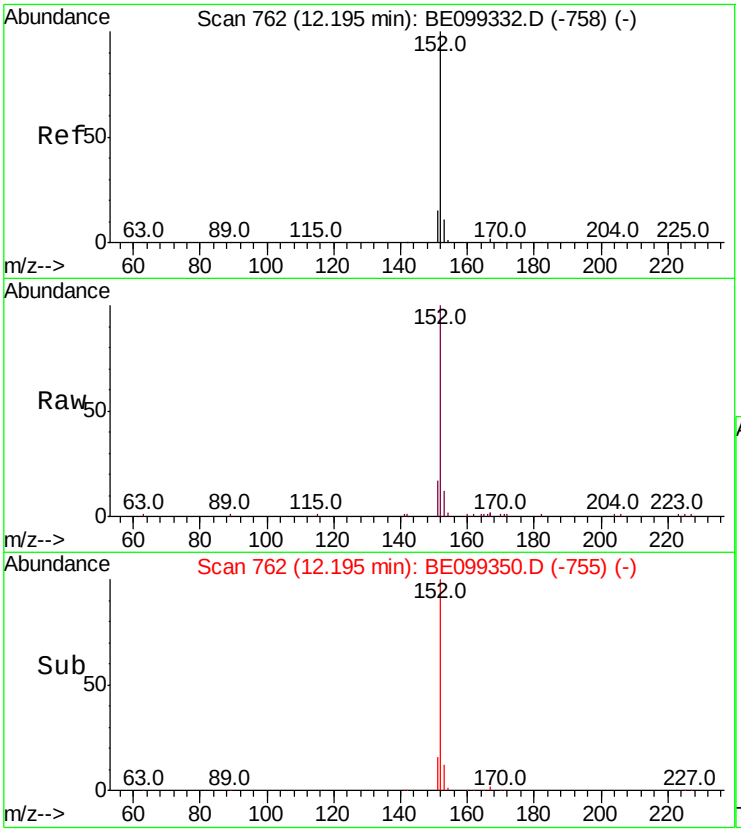


#9
Naphthalene
Concen: 0.065 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:128 Resp: 9700

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.3	3.5#
127	4.1	2.8	4.2



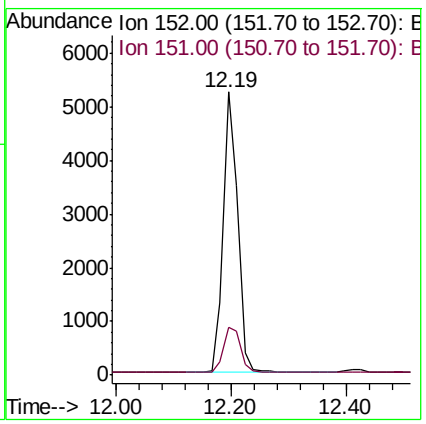


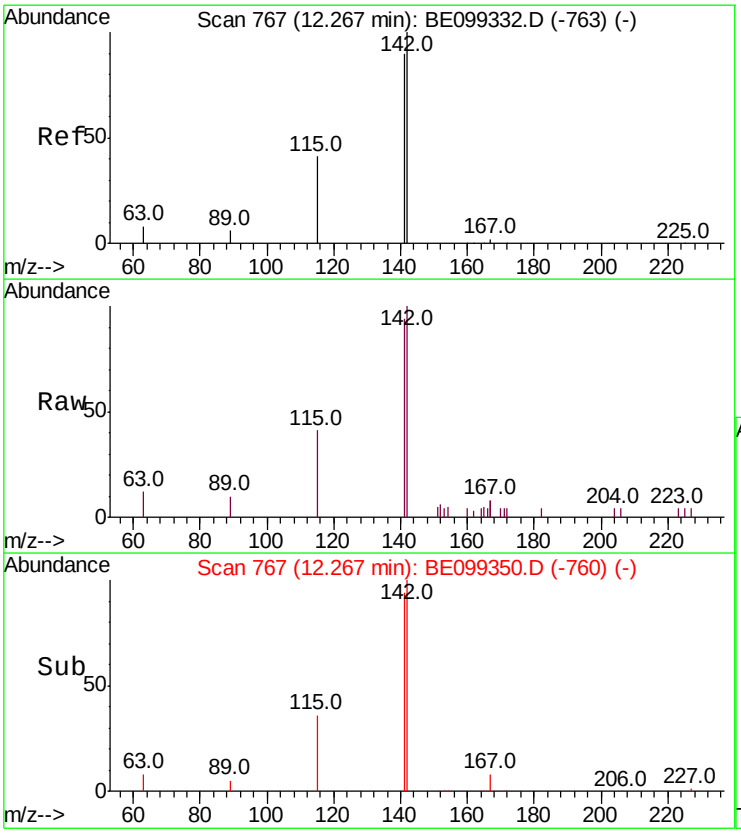
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:152 Resp: 9145

Ion	Ratio	Lower	Upper
152	100		
151	18.9	14.9	22.3

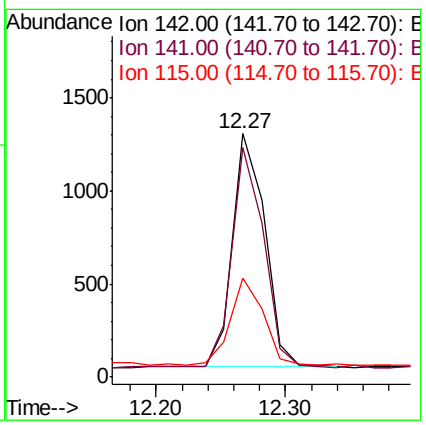


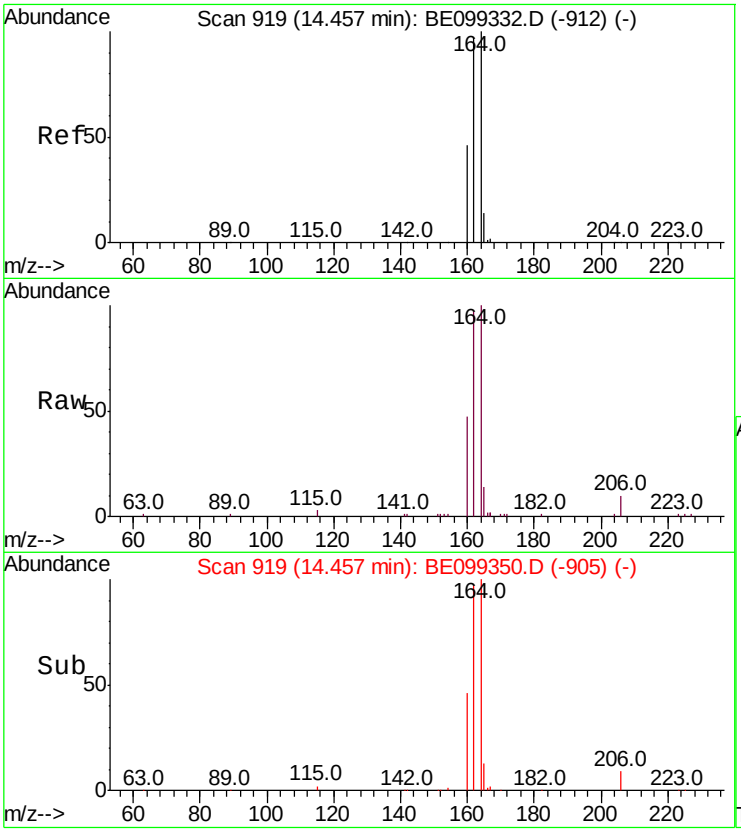


#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:142 Resp: 2156

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.0	108.0
115	40.7	33.4	50.0



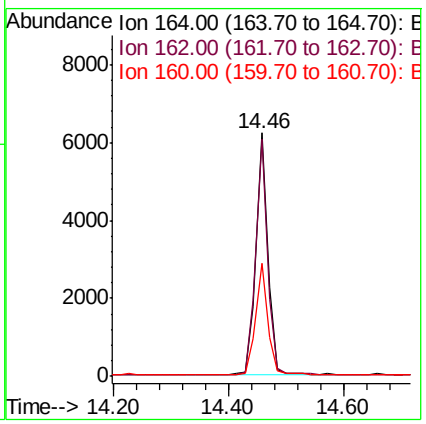


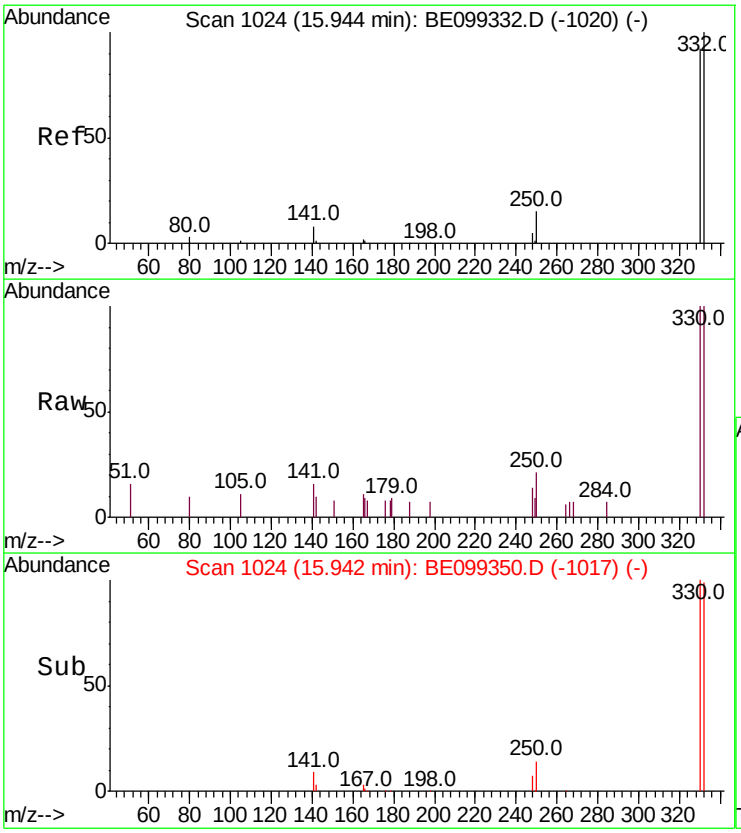
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:164 Resp: 9067

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.6
160	46.5	37.1	55.7

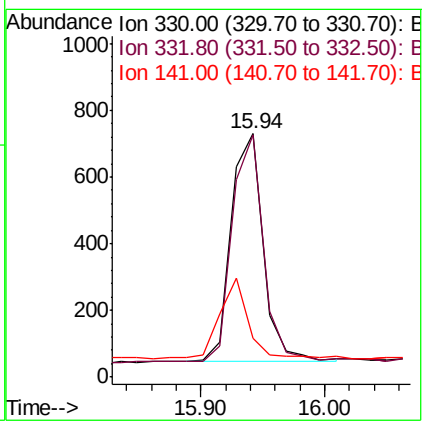


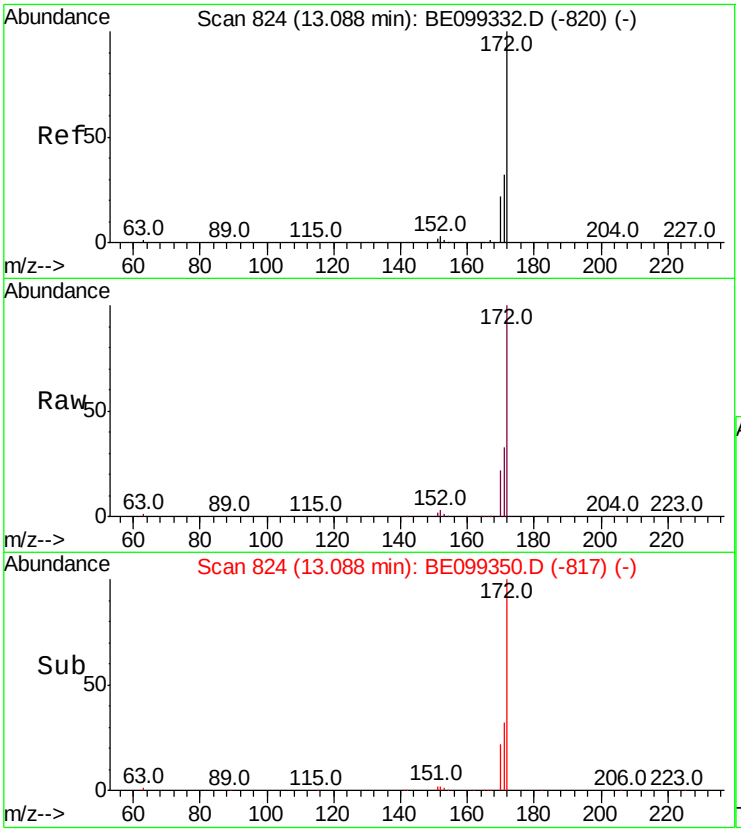


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:330 Resp: 1231

Ion	Ratio	Lower	Upper
330	100		
332	96.5	82.5	123.7
141	33.5	24.9	37.3



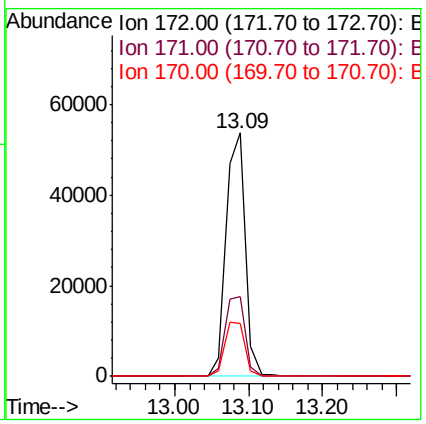


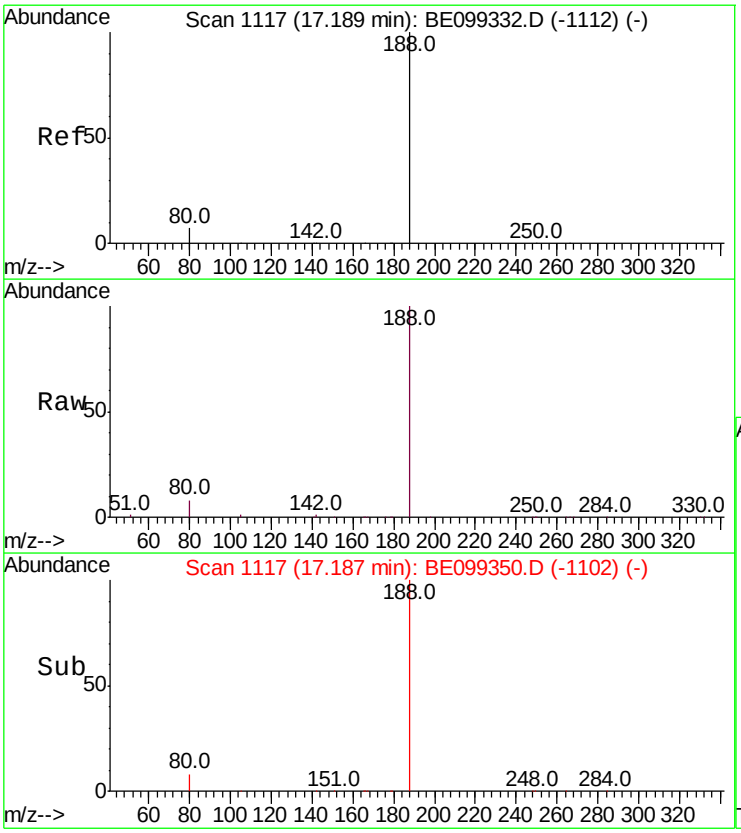
#15
2-Fluorobiphenyl
Concen: 2.728 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:172 Resp: 97208

Ion	Ratio	Lower	Upper
172	100		
171	32.5	26.2	39.2
170	21.6	18.1	27.1

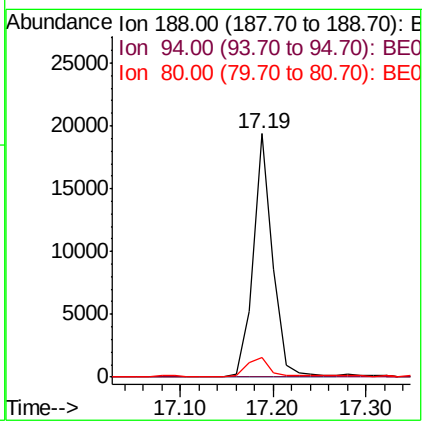


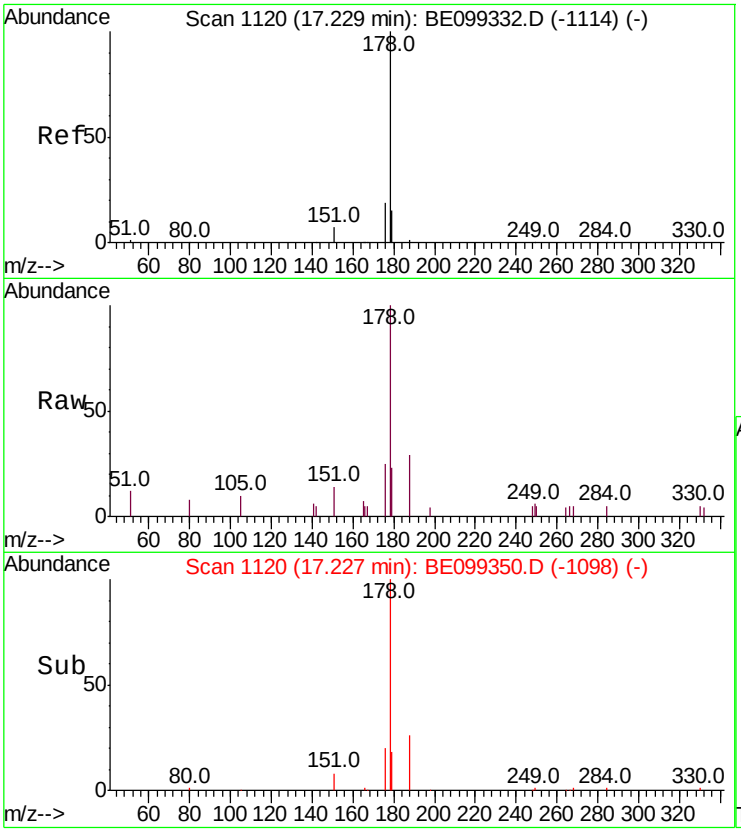


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:188 Resp: 28017

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.2	9.4



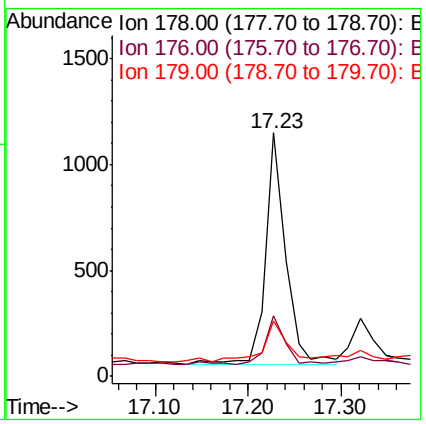


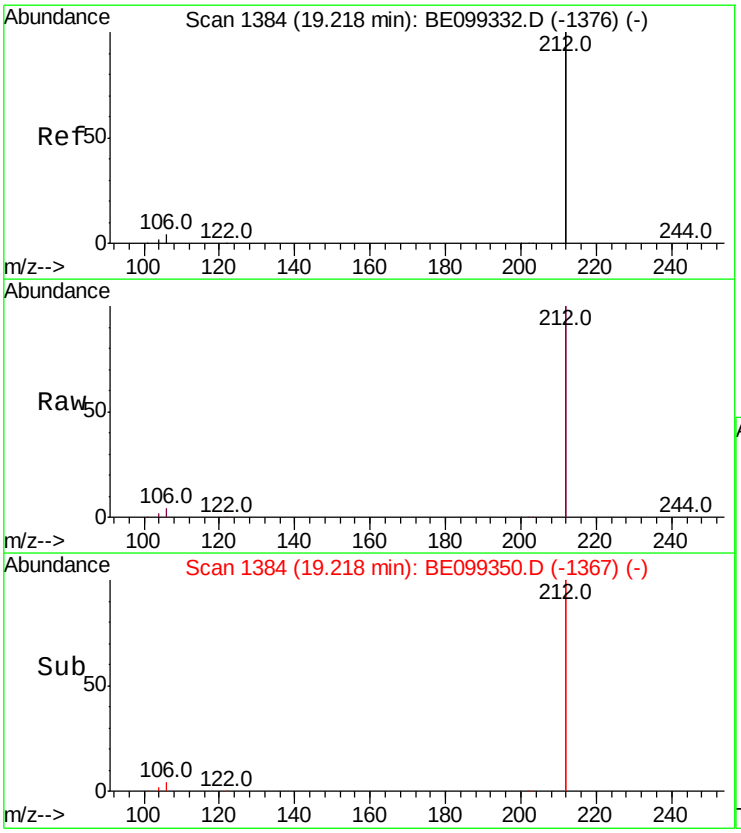
#23
Phenanthrene
Concen: 0.023 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:178 Resp: 1681

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	19.8	12.4	18.6#

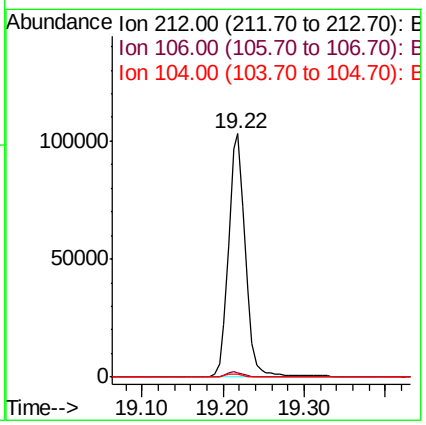


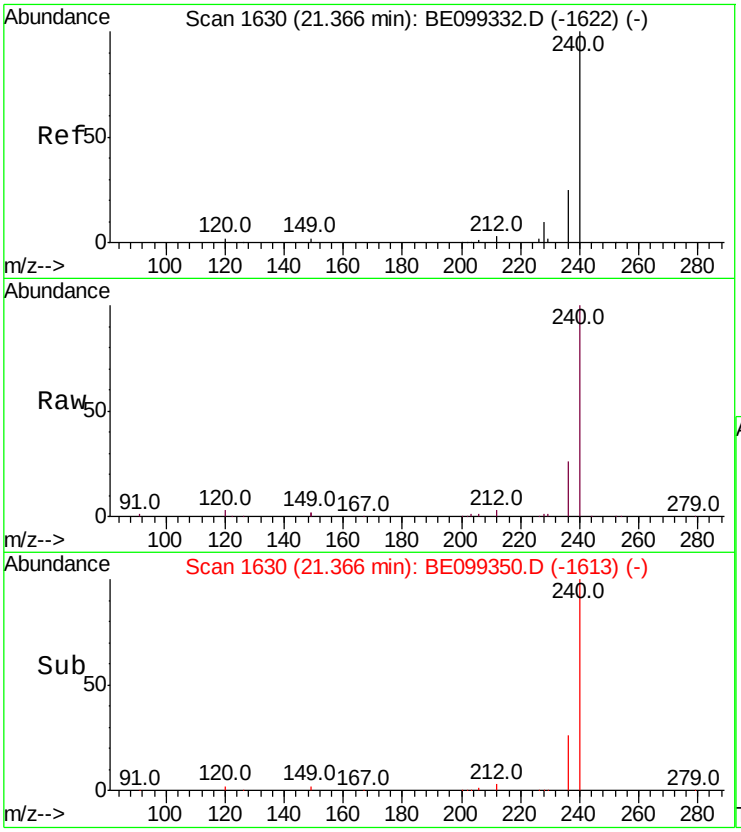


#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:212 Resp: 145686

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.6
104	1.3	1.0	1.4



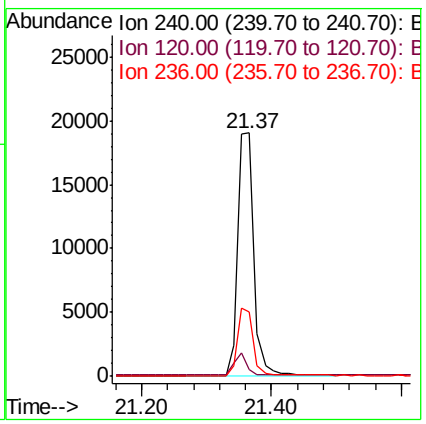


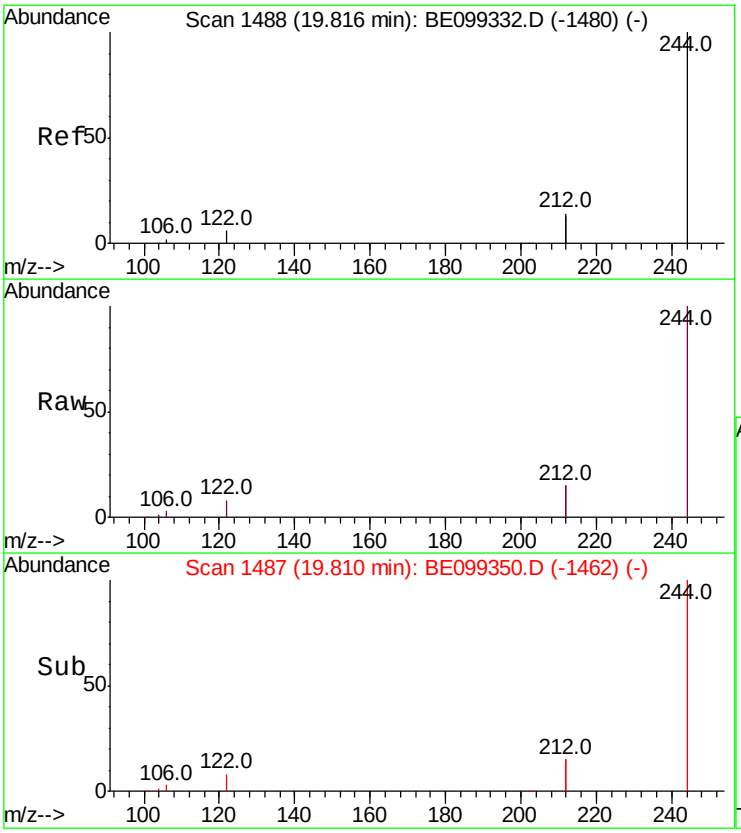
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:240 Resp: 33084

Ion	Ratio	Lower	Upper
240	100		
120	2.9	2.2	3.2
236	26.3	20.2	30.4

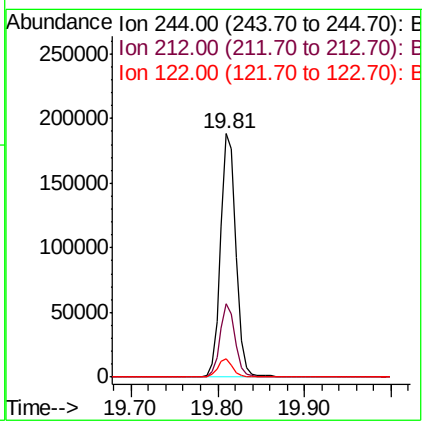


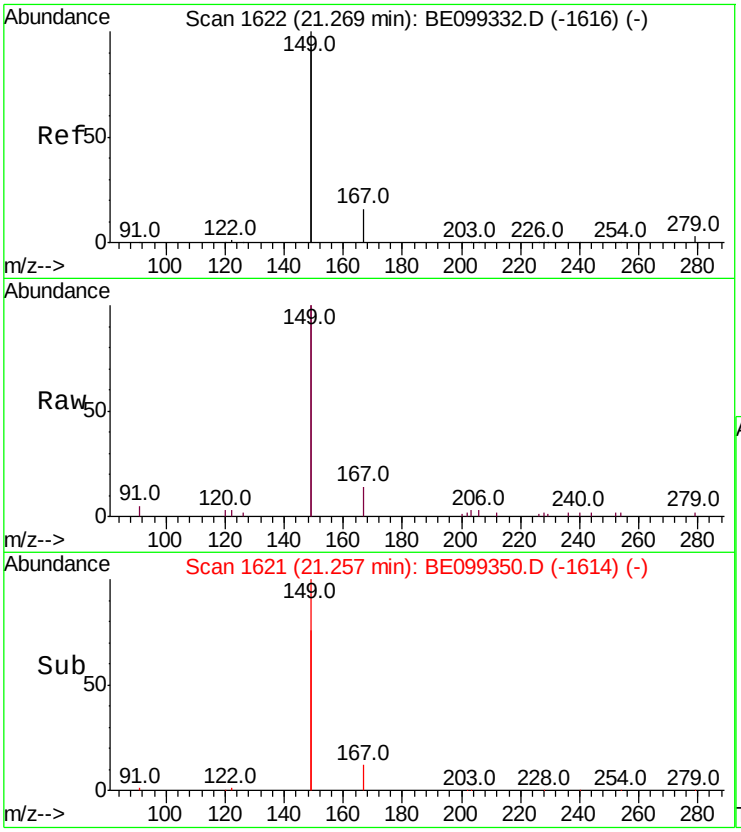


#29
Terphenyl-d14
Concen: 3.571 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:244 Resp: 232542

Ion	Ratio	Lower	Upper
244	100		
212	30.2	22.6	33.8
122	7.6	4.6	7.0#



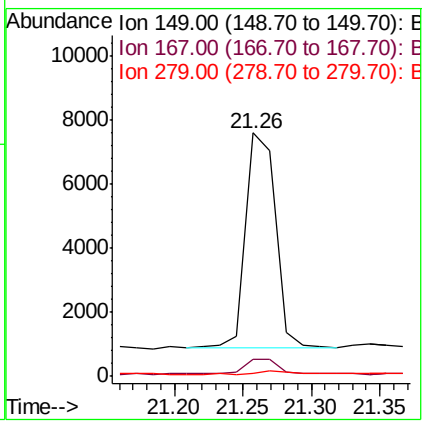


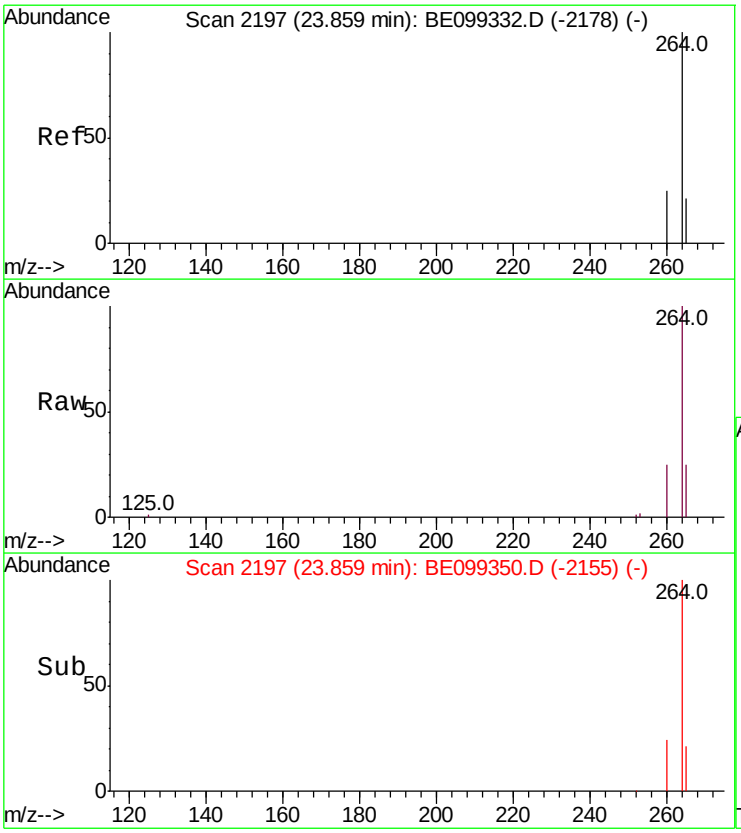
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190416

Tgt Ion:149 Resp: 10155

Ion	Ratio	Lower	Upper
149	100		
167	7.9	6.0	9.0
279	1.4	1.1	1.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099350.D
Acq: 19 Apr 2019 15:48

Tgt Ion:264 Resp: 35895

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	25.3	19.9	29.9