Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
Data File : BE099300.D
Acq On : 4 Apr 2019 21:22
Operator : JU/SJ
Sample : K2247-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-190402

Quant Time: Apr 05 04:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2829	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	10324	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6873	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	20672	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	33628	0.40	ng	-0.02
34) Perylene-d12	23.86	264	34727	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1306	0.17	ng	-0.02
5) Phenol-d6	6.98	99	1697	0.16	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3352	0.47	ng	-0.03
11) 2-Methylnaphthalene-d10	12.19	152	7342	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	1391	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11491	0.43	ng	-0.01
25) Fluoranthene-d10	19.22	212	128155	0.47	ng	-0.02
29) Terphenyl-d14	19.82	244	26188	0.43	ng	-0.02
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.27	149	19602	0.145	ng	98

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

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Instrument :
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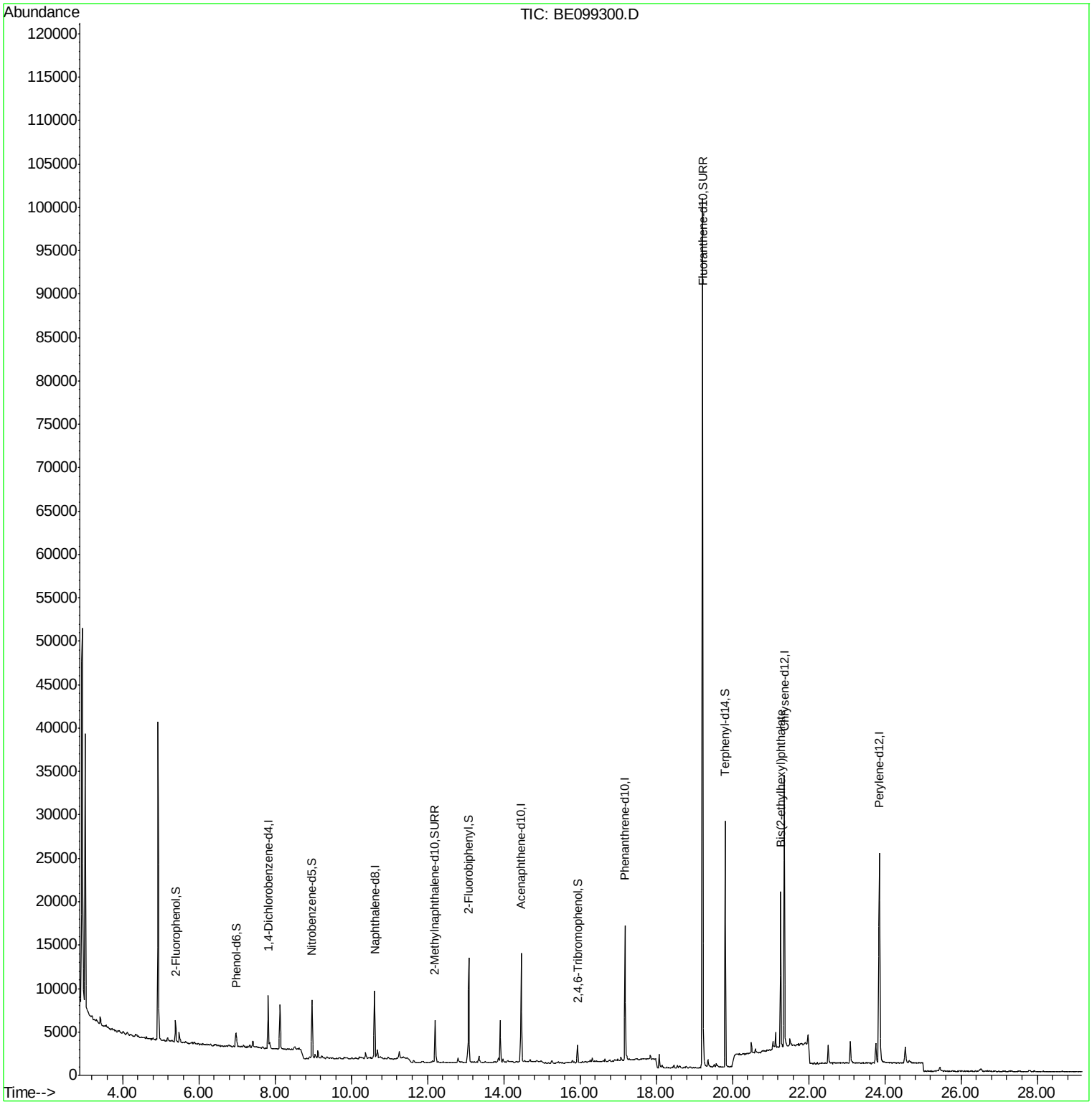
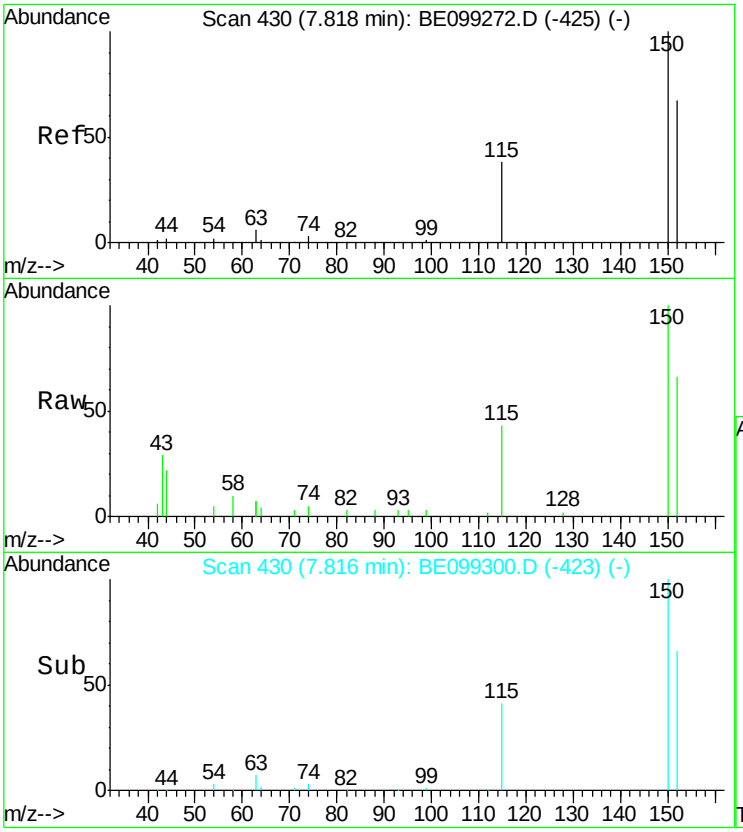


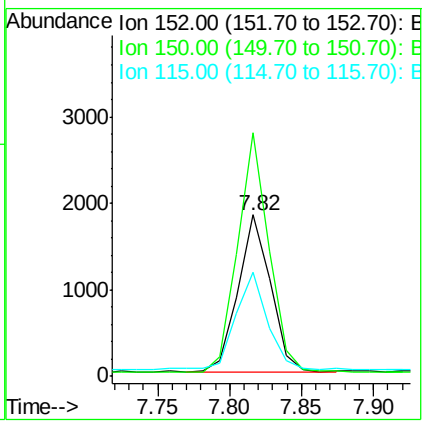


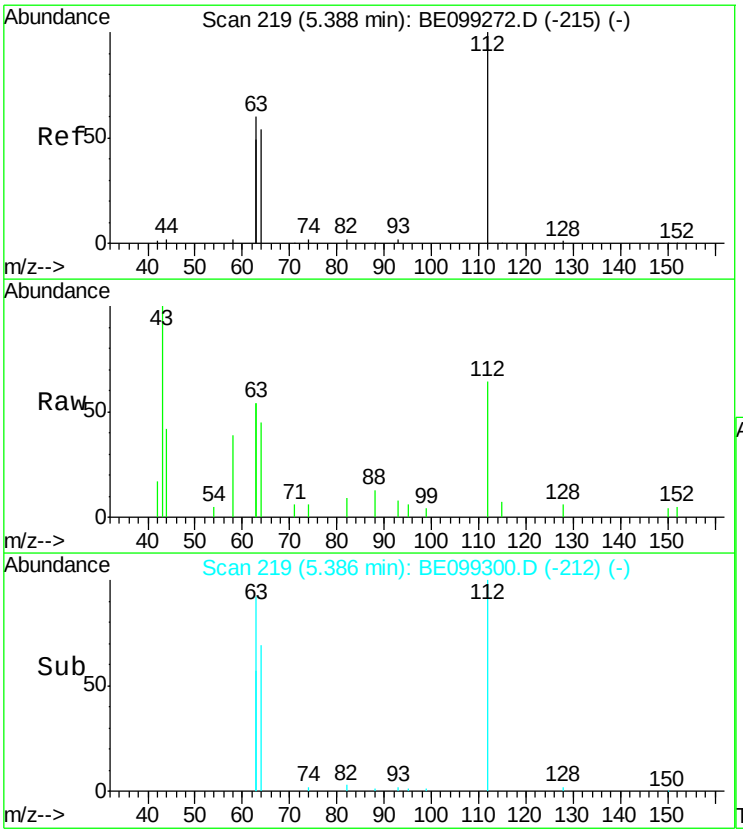
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:152 Resp: 2829

Ion	Ratio	Lower	Upper
152	100		
150	151.0	112.8	169.2
115	64.9	45.1	67.7

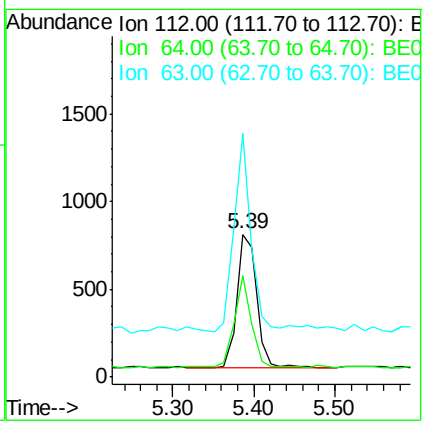


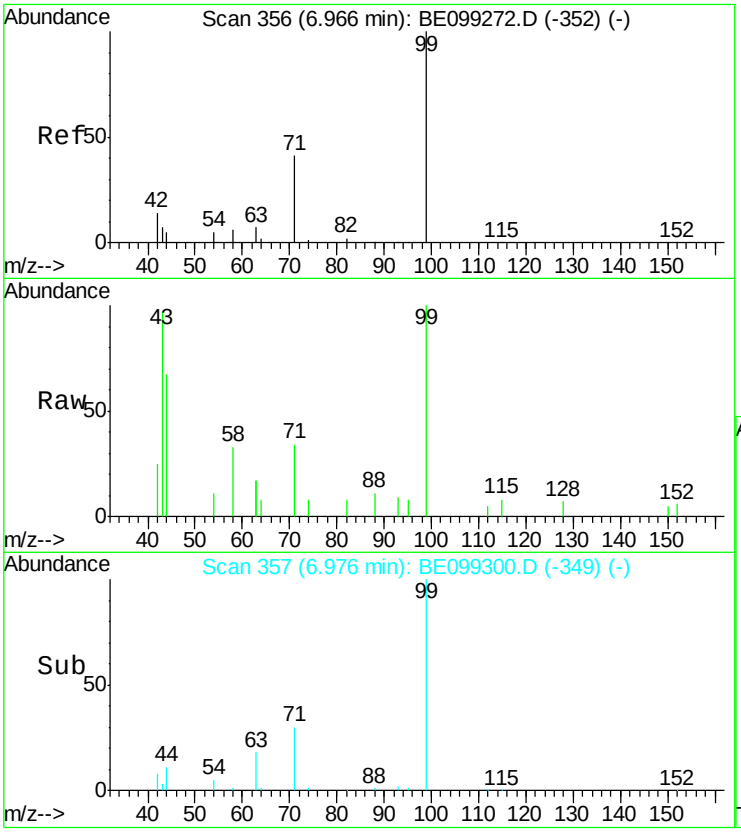


#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:112 Resp: 1306

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.2	69.2
63	127.1	89.9	134.9



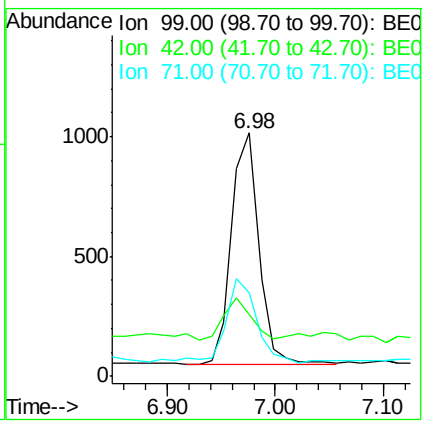


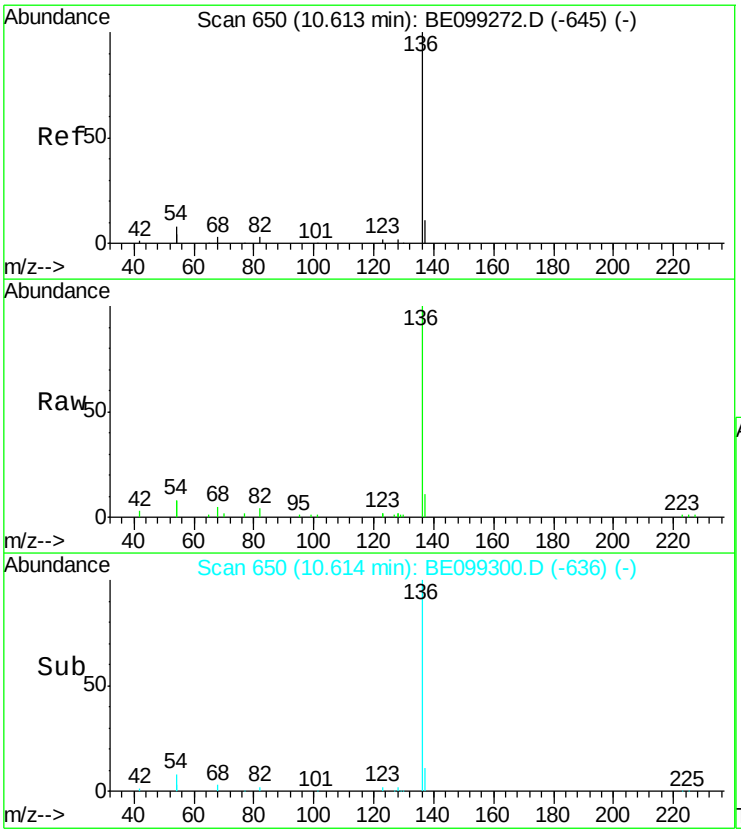
#5
Phenol-d6
Concen: 0.164 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion: 99 Resp: 1697

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.4	18.6
71	40.8	28.4	42.6

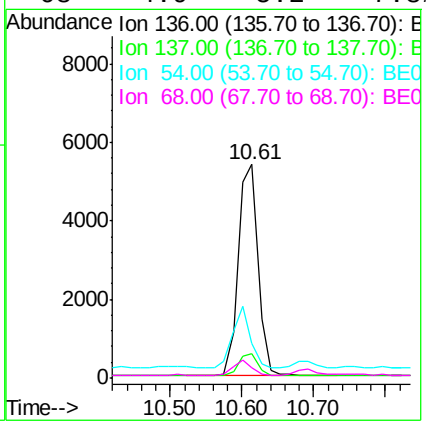


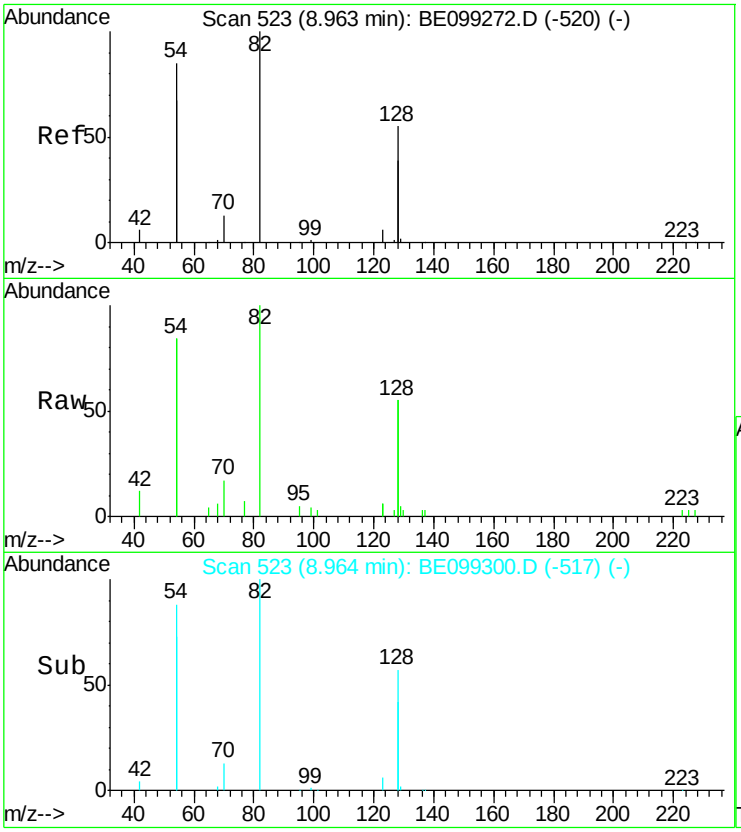


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:136 Resp: 10324

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	16.0	18.7	28.1#
68	4.9	5.2	7.8#



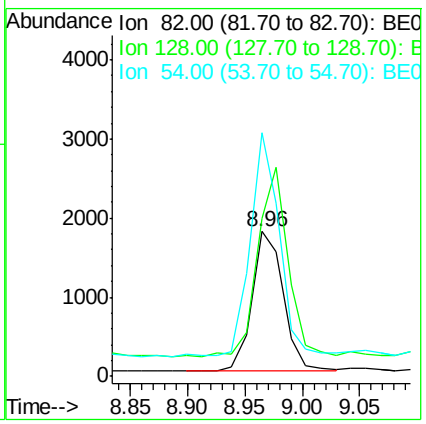


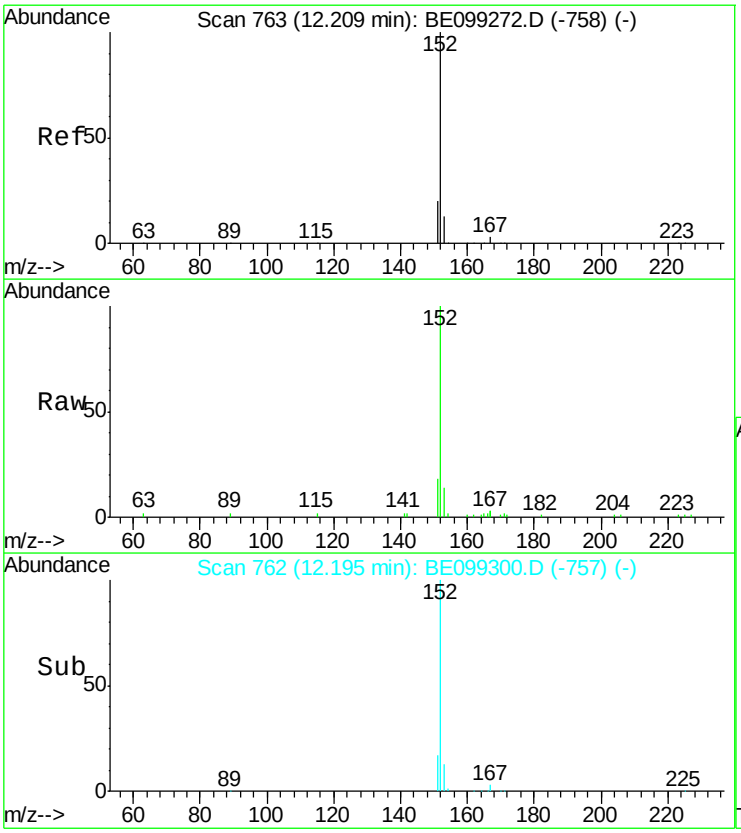
#8
Nitrobenzene-d5
Concen: 0.473 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.03 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion: 82 Resp: 3352

Ion	Ratio	Lower	Upper
82	100		
128	109.0	107.5	161.3
54	168.1	106.3	159.5#

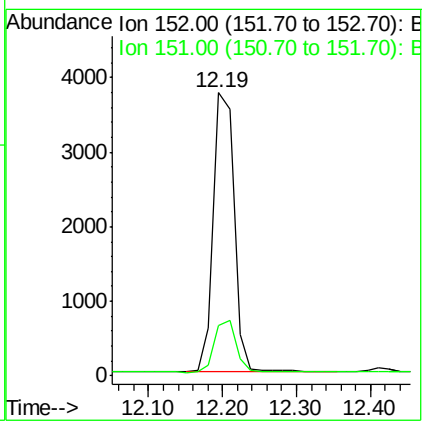


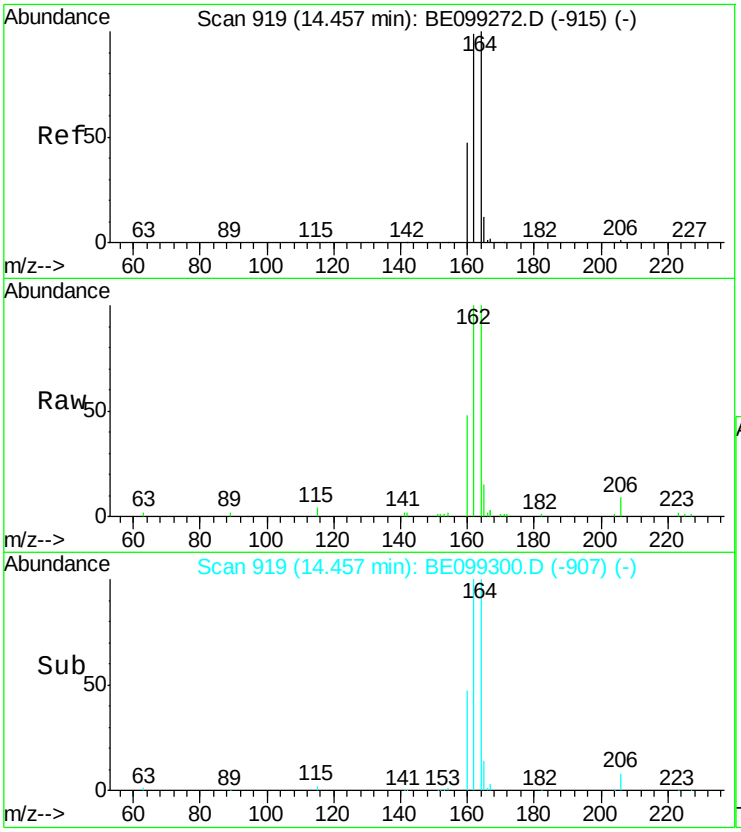


#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.03 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:152 Resp: 7342

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.0	22.6



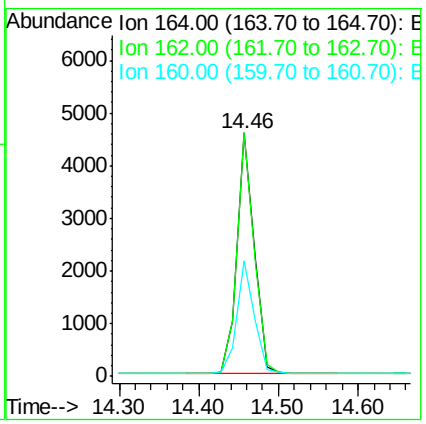


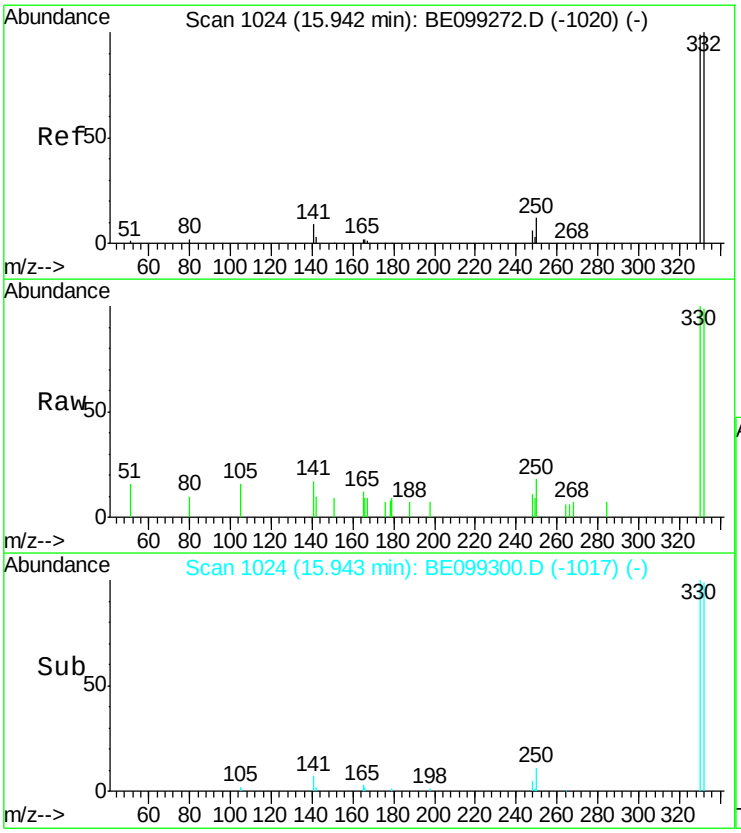
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:164 Resp: 6873

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	47.7	36.7	55.1

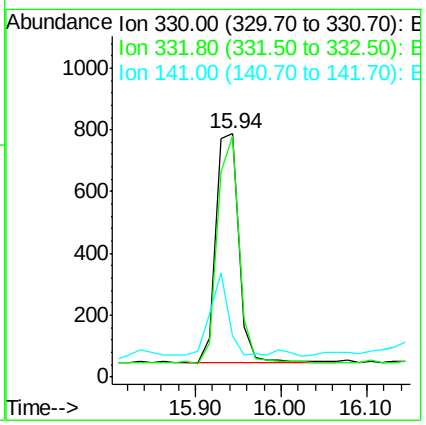


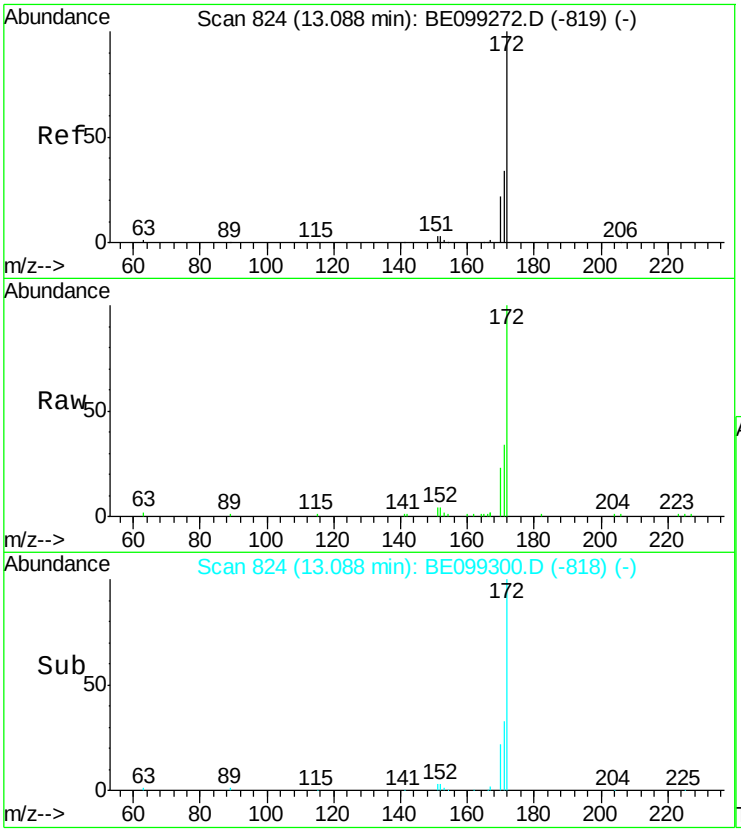


#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:330 Resp: 1391

Ion	Ratio	Lower	Upper
330	100		
332	92.6	71.3	106.9
141	28.3	21.7	32.5



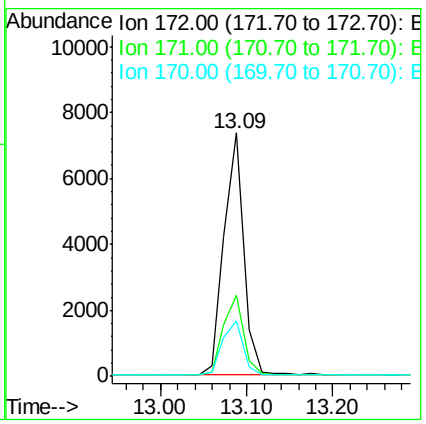


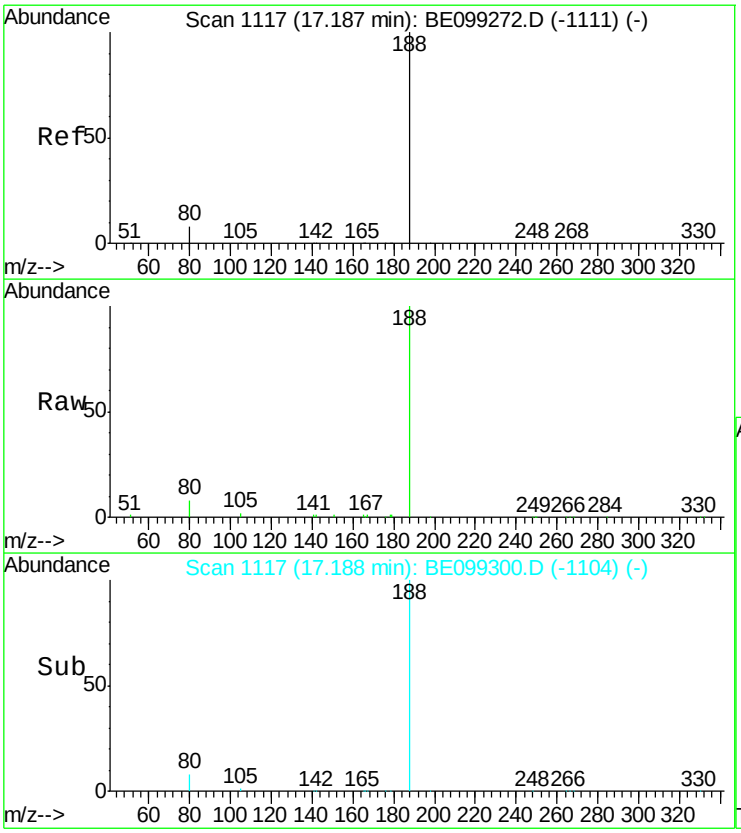
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:172 Resp: 11491

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	22.5	19.1	28.7

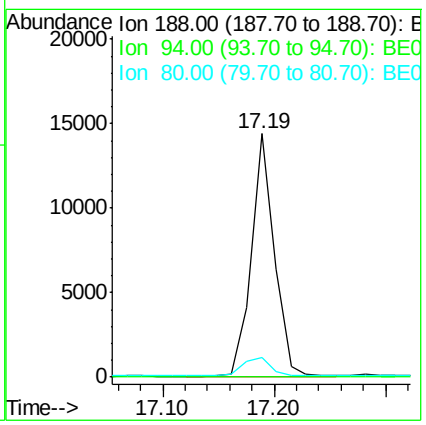


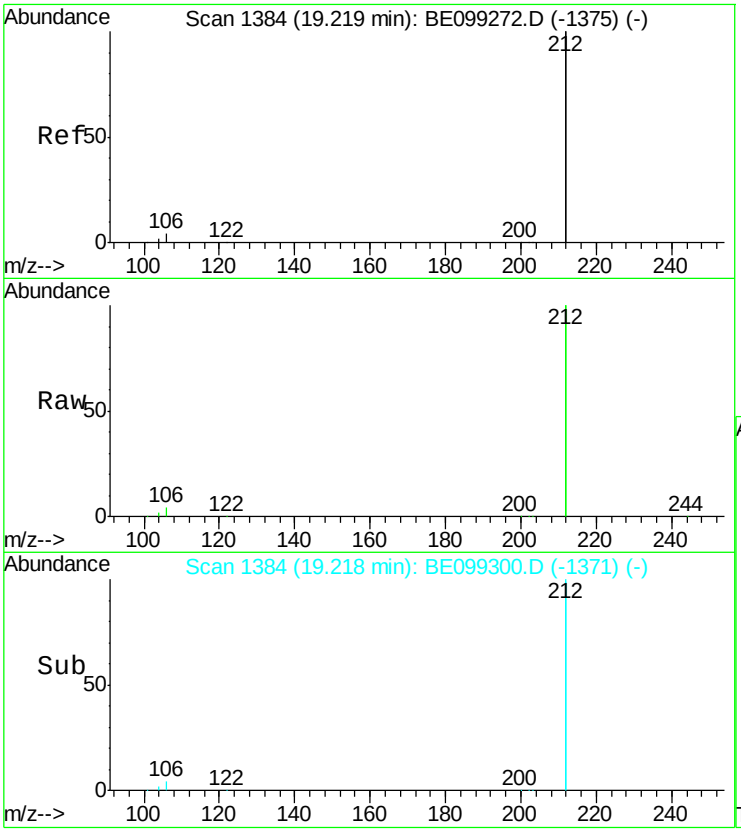


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:188 Resp: 20672

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	4.5	6.7#



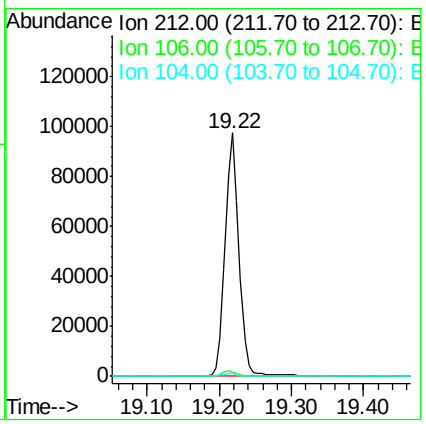


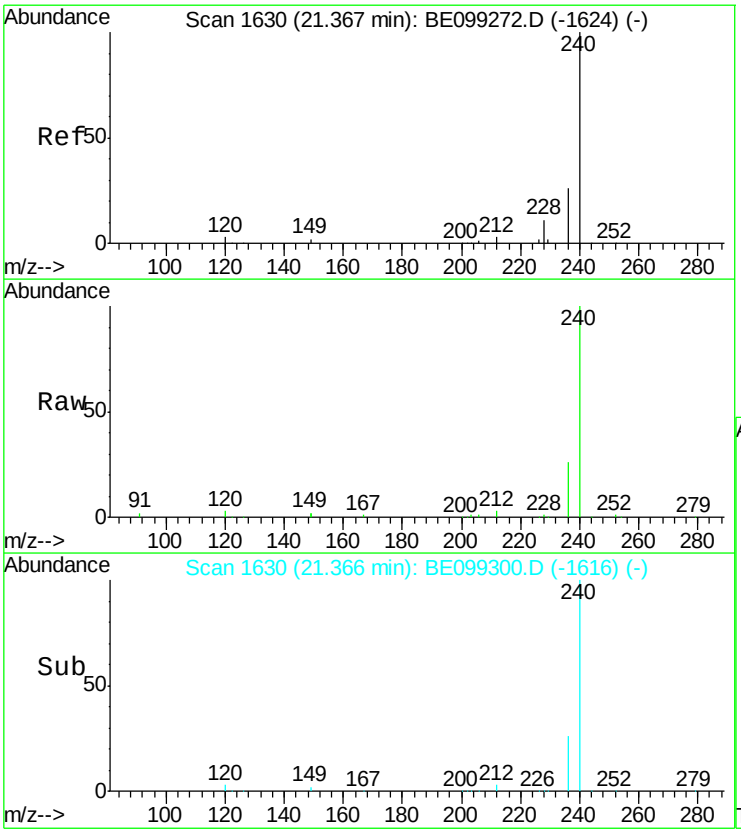
#25
Fluoranthene-d10
Concen: 0.470 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:212 Resp: 128155

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.3	1.1	1.7

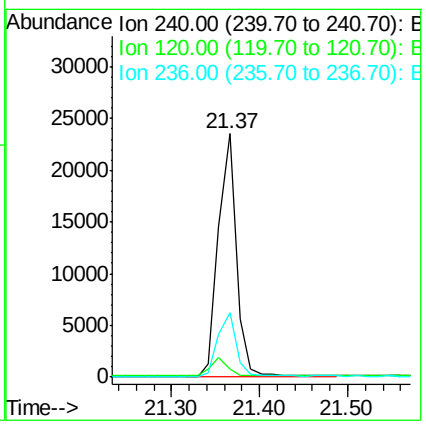


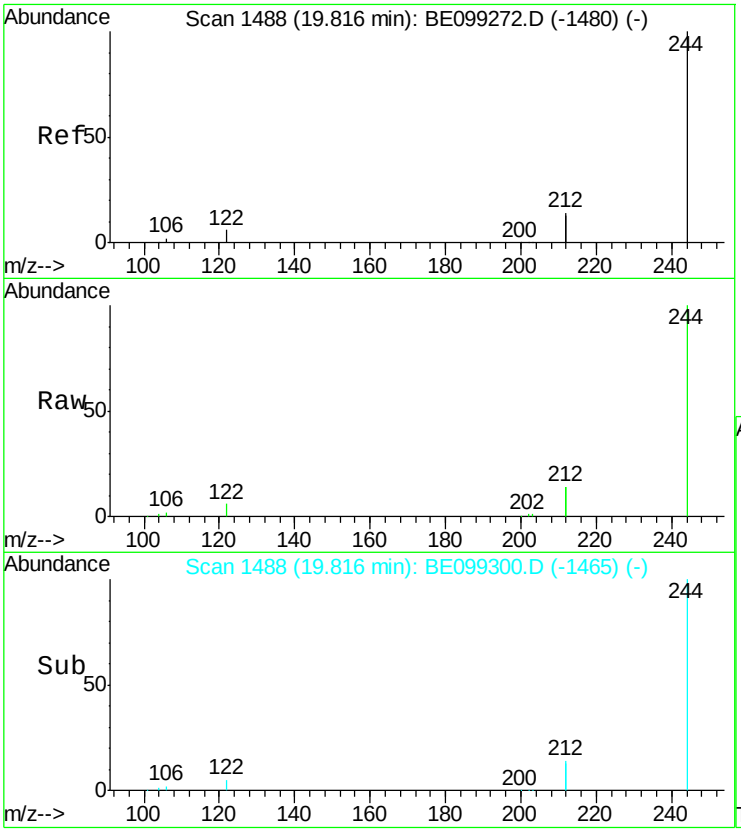


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:240 Resp: 33628

Ion	Ratio	Lower	Upper
240	100		
120	3.3	2.6	3.8
236	26.4	20.9	31.3



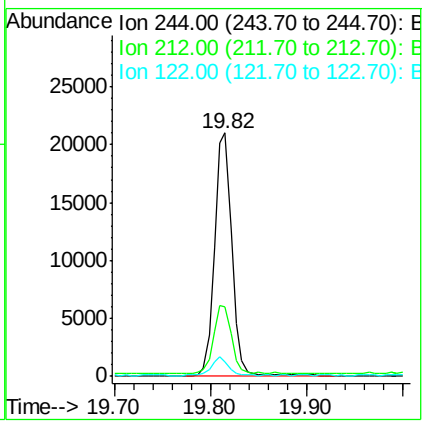


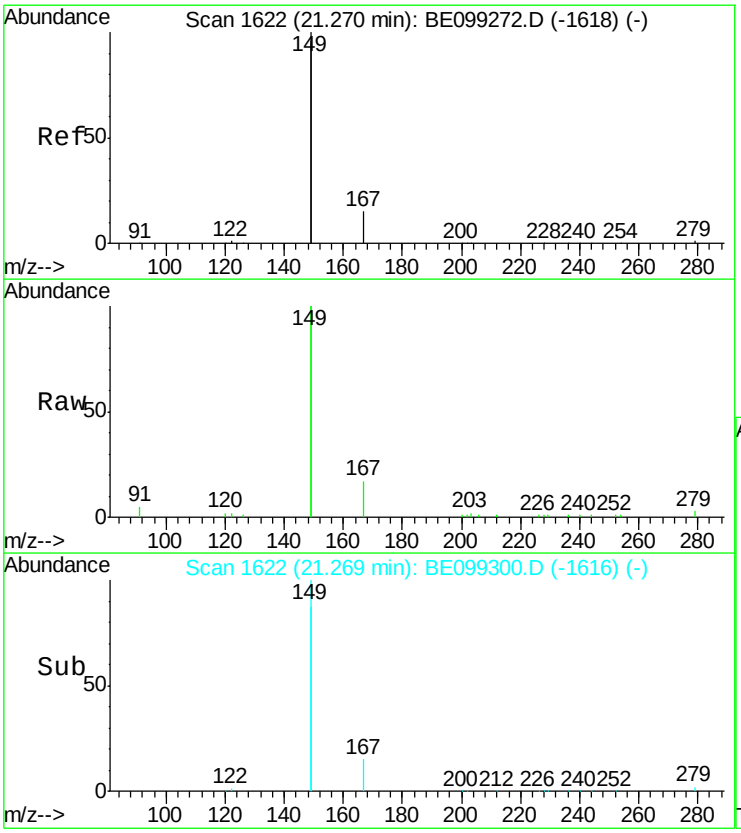
#29
Terphenyl-d14
Concen: 0.427 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:244 Resp: 26188

Ion	Ratio	Lower	Upper
244	100		
212	28.4	22.7	34.1
122	5.8	5.8	8.6

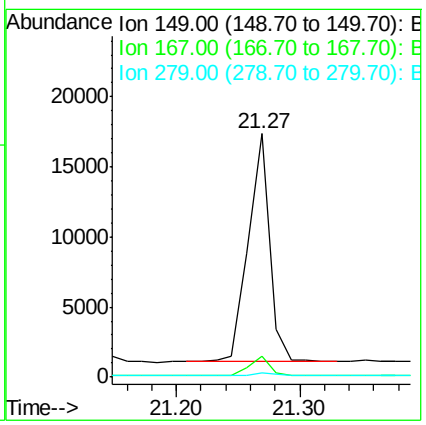


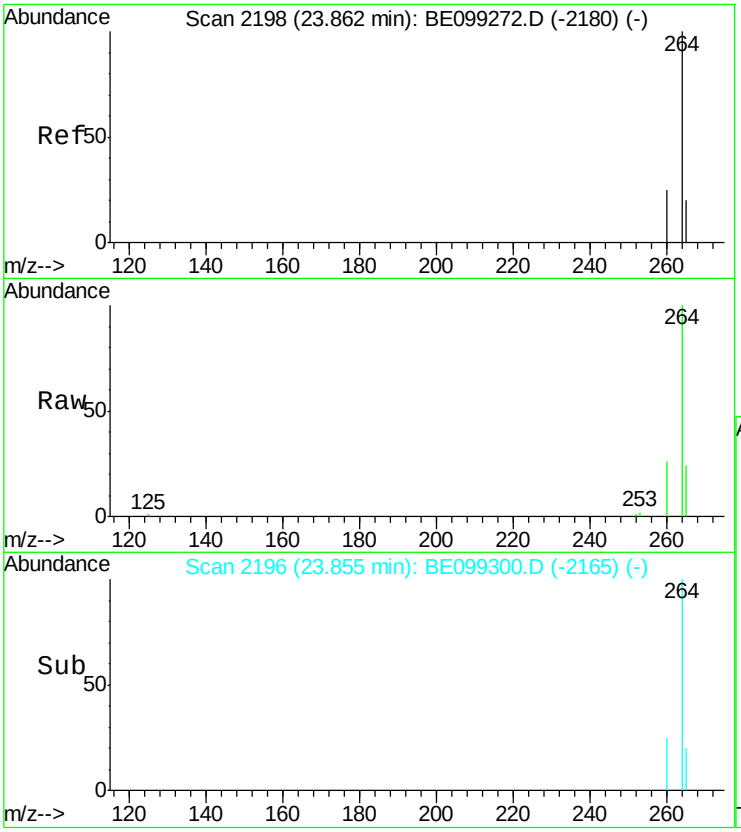


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:149 Resp: 19602

Ion	Ratio	Lower	Upper
149	100		
167	8.4	5.9	8.9
279	1.5	1.0	1.6





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190402

Tgt Ion:264 Resp: 34727

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.2
265	24.5	21.8	32.8