Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099931.D
Acq On : 11 Jun 2019 19:21
Operator : JU/SJ
Sample : K2241-07
Misc : LOD-WATER-0.1PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 12 03:45:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	643	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2290	0.40	ng		0.00
13) Acenaphthene-d10	14.44	164	2020	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	6755	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	7862	0.40	ng		-0.04
34) Perylene-d12	23.87	264	9106	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1522	0.88	ng		0.00
5) Phenol-d6	6.97	99	1893	0.85	ng		0.00
8) Nitrobenzene-d5	8.98	82	1316	0.61	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	1604	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	831	0.56	ng		-0.03
15) 2-Fluorobiphenyl	13.09	172	5029	0.66	ng		-0.01
25) Fluoranthene-d10	19.22	212	33691	0.34	ng		-0.03
29) Terphenyl-d14	19.82	244	12930	0.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	98	0.103	ng	#	81
3) n-Nitrosodimethylamine	3.61	42	26	0.047	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	415	0.227	ng	#	9
9) Naphthalene	10.64	128	3090	0.125	ng	#	90
10) Hexachlorobutadiene	10.90	225	237	0.126	ng		99
12) 2-Methylnaphthalene	12.28	142	492	0.123	ng		95
16) Acenaphthylene	14.17	152	1109	0.110	ng		97
17) Acenaphthene	14.52	154	584	0.107	ng		98
18) Fluorene	15.49	166	930	0.113	ng		95
20) 4-Bromophenyl-phenylether	16.38	248	414	0.108	ng	#	87
21) Hexachlorobenzene	16.49	284	475	0.121	ng		98
22) Pentachlorophenol	16.93	266	93	0.349	ng		91
23) Phenanthrene	17.23	178	1760	0.107	ng		99
24) Anthracene	17.34	178	1292	0.086	ng		98
26) Fluoranthene	19.25	202	2931	0.105	ng		100
28) Pyrene	19.61	202	2912	0.141	ng		100
30) Benzo(a)anthracene	21.35	228	2405	0.102	ng		95
31) Chrysene	21.40	228	3130	0.129	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	3539	0.105	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.53	276	2799	0.097	ng	#	84
35) Benzo(b)fluoranthene	23.10	252	2779	0.109	ng	#	83
36) Benzo(k)fluoranthene	23.15	252	3230	0.121	ng	#	85
37) Benzo(a)pyrene	23.75	252	2965	0.118	ng	#	73
38) Dibenzo(a,h)anthracene	26.56	278	705	0.028	ng	#	65
39) Benzo(g,h,i)perylene	27.33	276	2861	0.109	ng	#	86

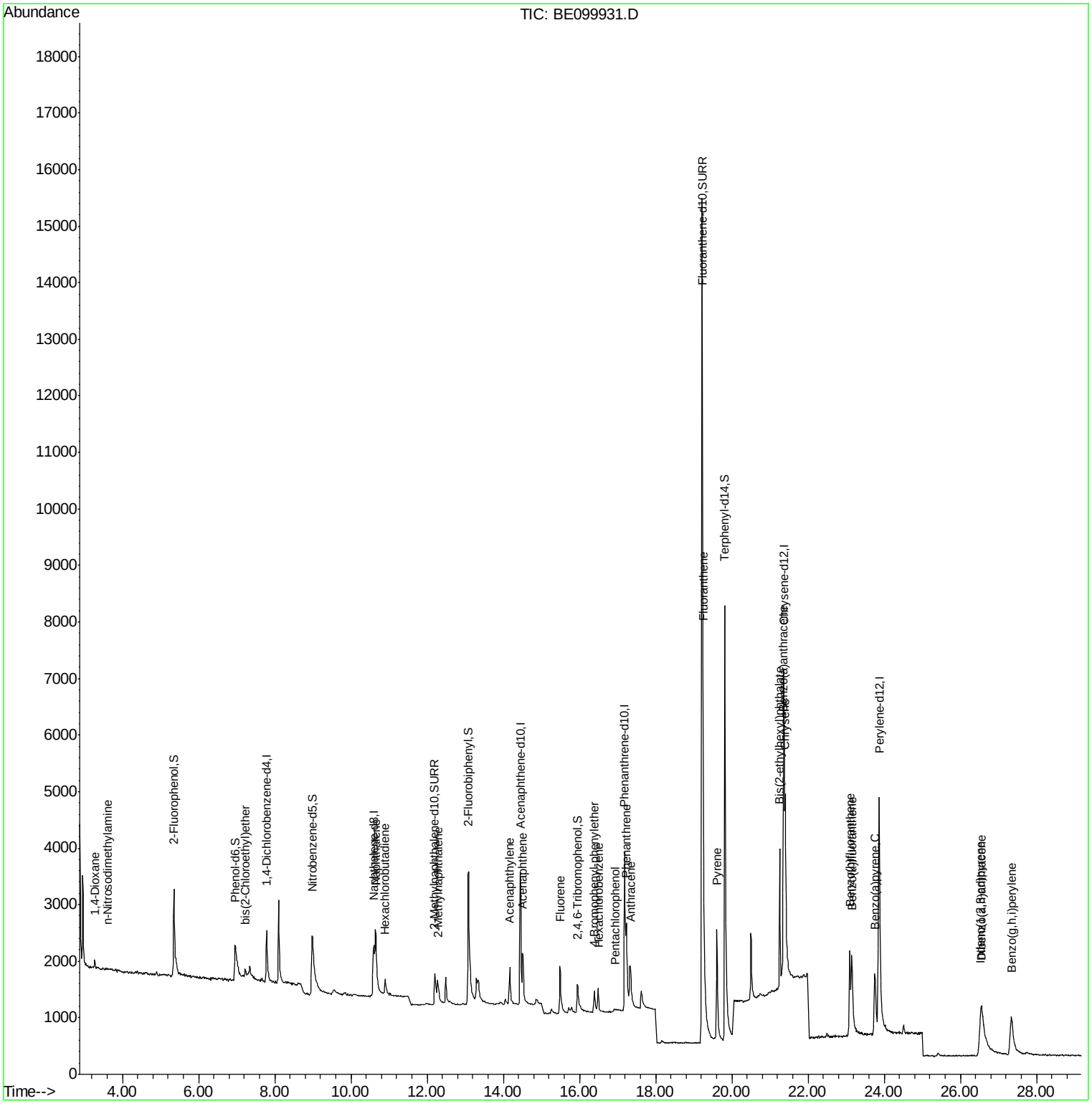
(#) = qualifier out of range (m) = manual integration (+) = signals summed

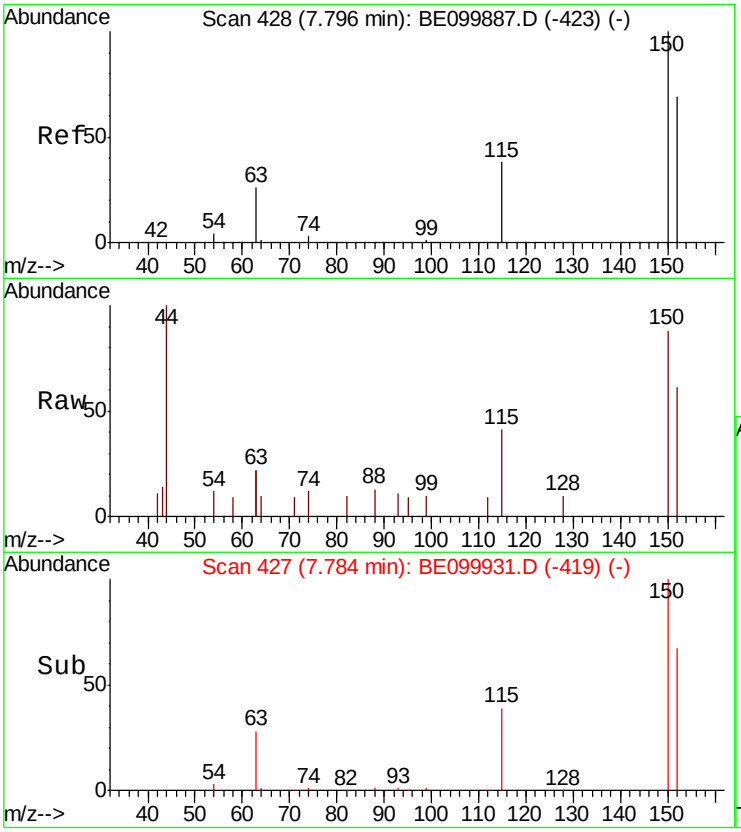
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099931.D
Acq On : 11 Jun 2019 19:21
Operator : JU/SJ
Sample : K2241-07
Misc : LOD-WATER-0.1PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 12 03:45:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



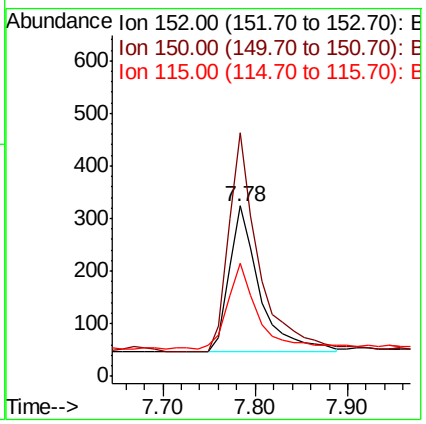


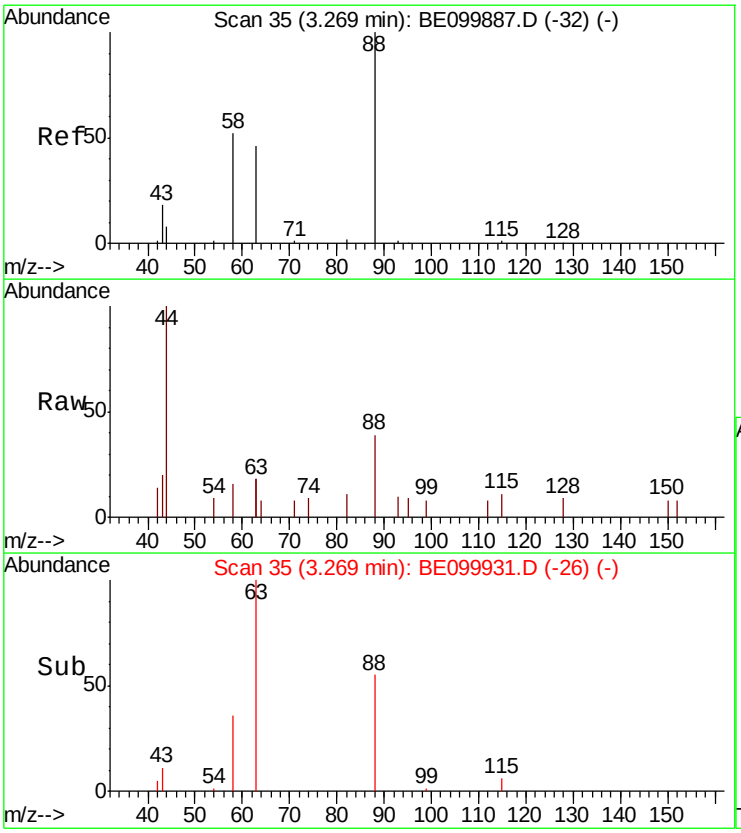
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:152 Resp: 643

Ion	Ratio	Lower	Upper
152	100		
150	142.9	111.0	166.6
115	66.0	50.7	76.1

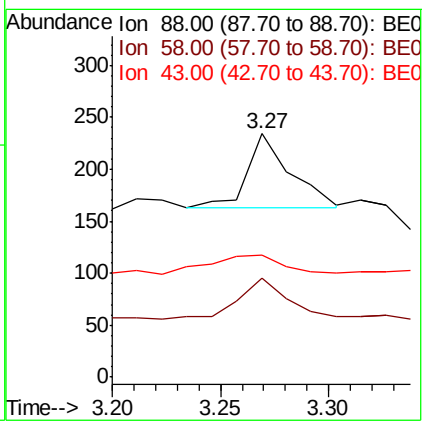


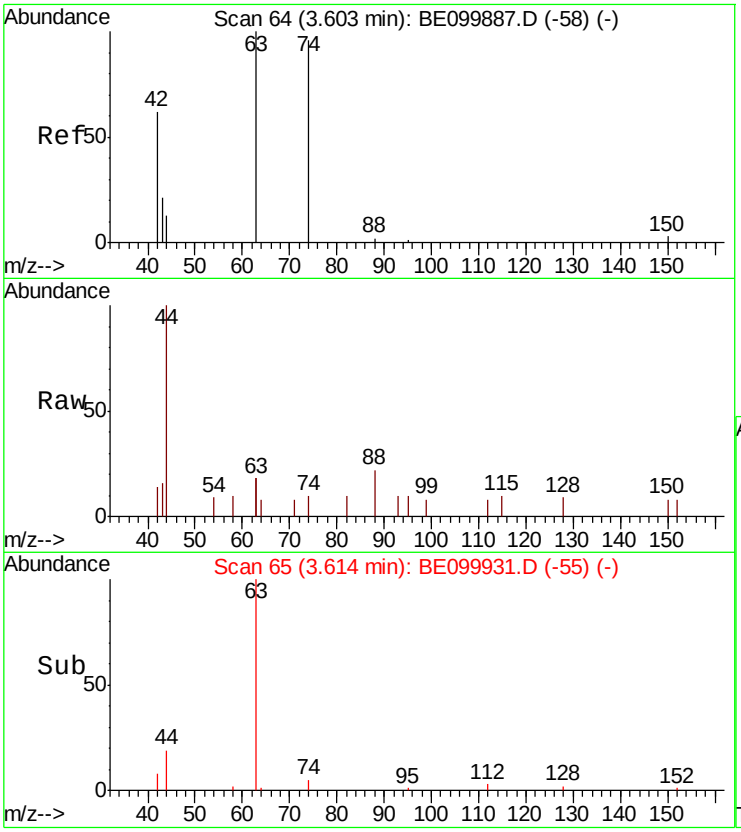


#2
1,4-Dioxane
Concen: 0.103 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
58	70.4	48.8	73.2
43	40.8	19.0	28.6#



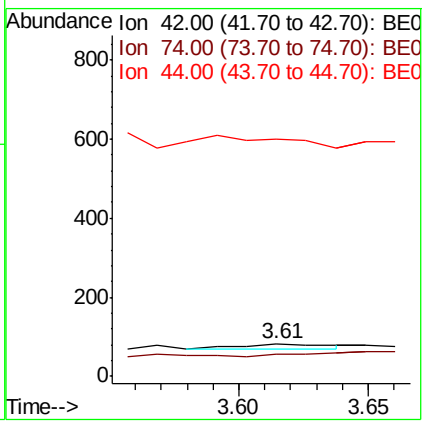


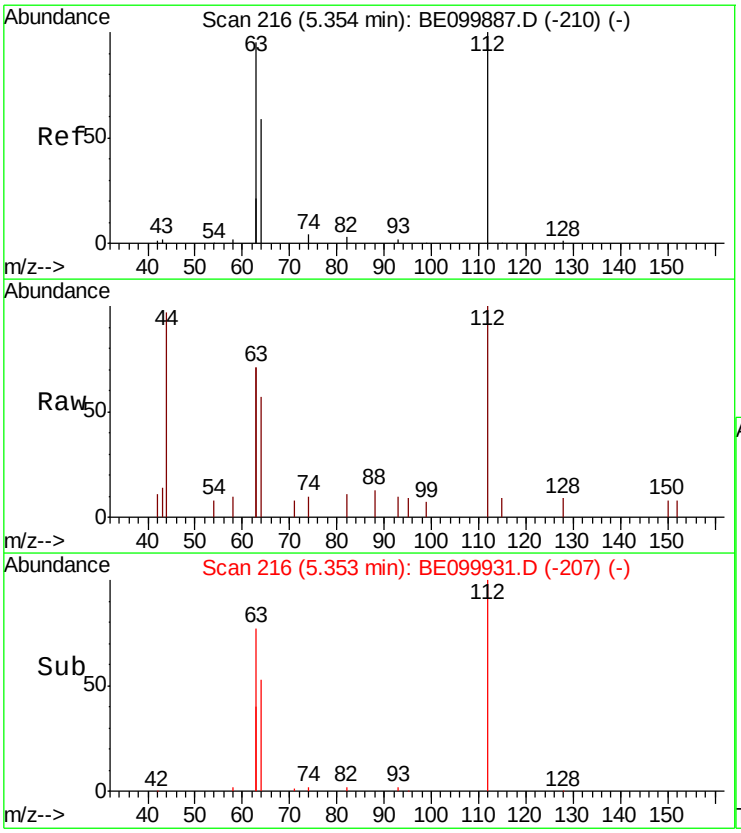
#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

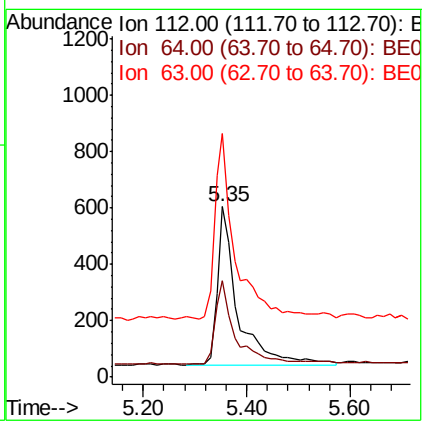


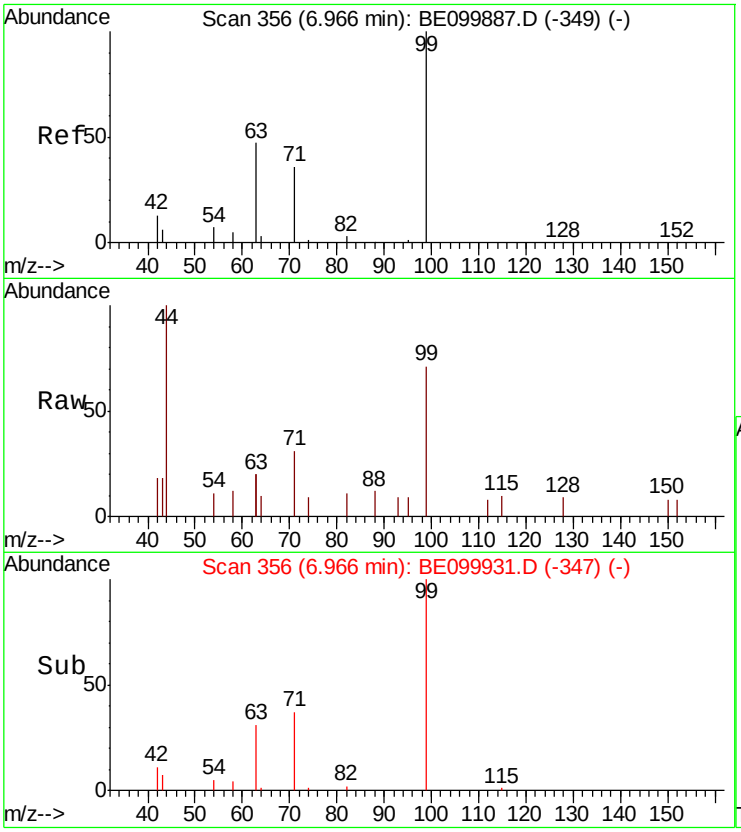


#4
2-Fluorophenol
Concen: 0.877 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:112 Resp: 1522

Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	119.5	87.8	131.6



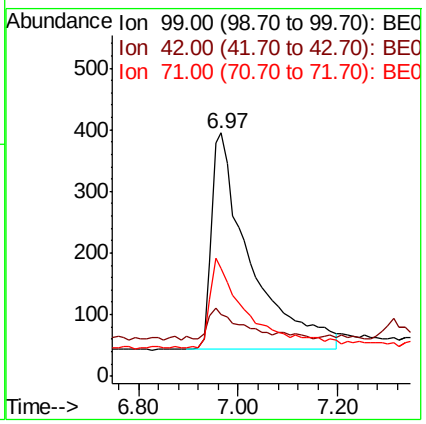


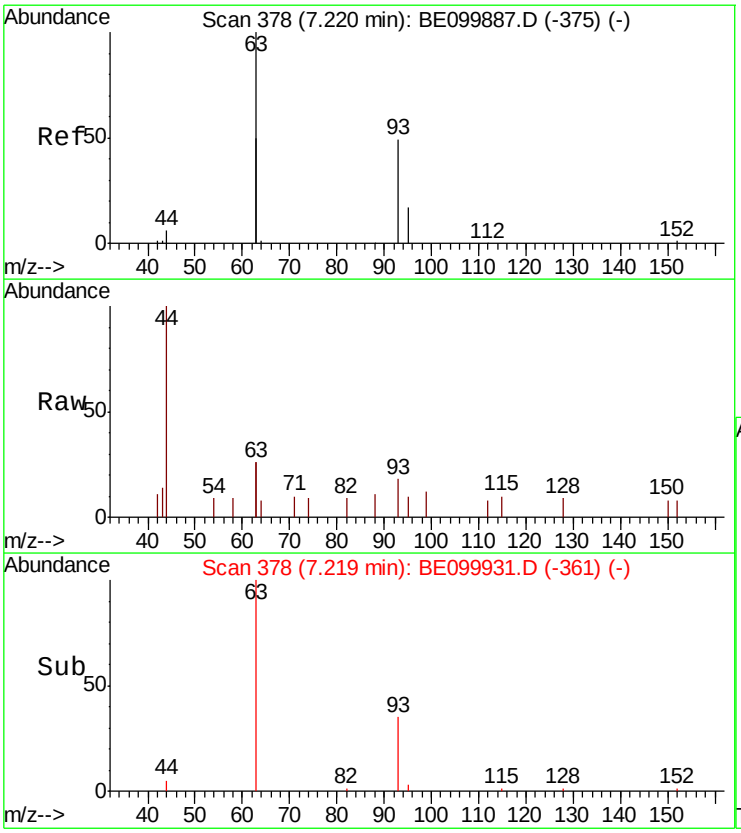
#5
Phenol-d6
Concen: 0.847 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 99 Resp: 1893

Ion	Ratio	Lower	Upper
99	100		
42	11.4	15.9	23.9#
71	39.8	34.6	52.0

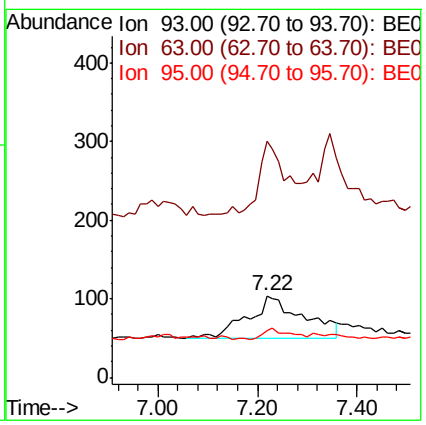


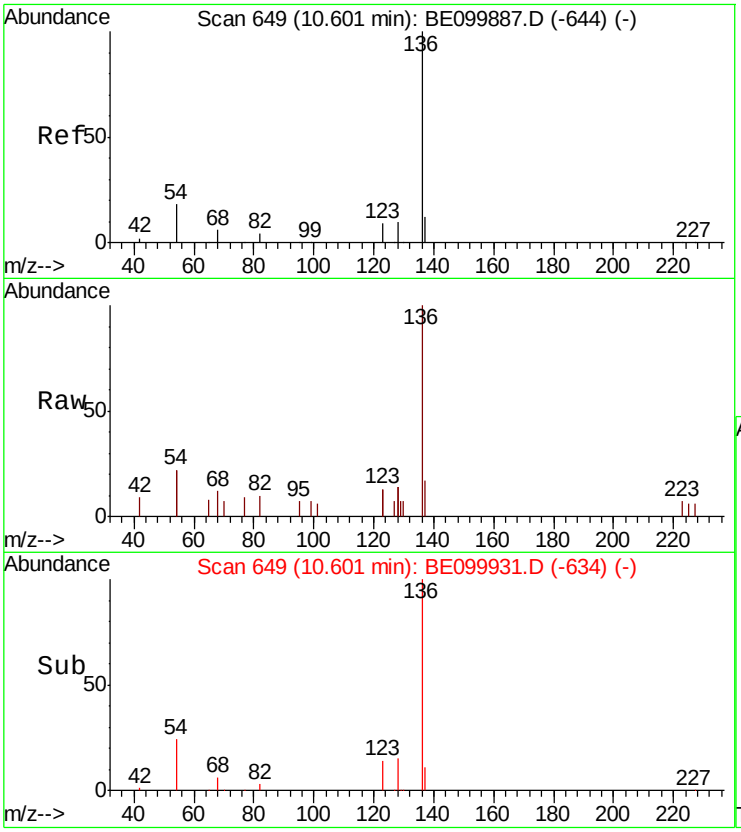


#6
bis(2-Chloroethyl)ether
Concen: 0.227 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion: 93 Resp: 415

Ion	Ratio	Lower	Upper
93	100		
63	80.5	202.8	304.2#
95	12.5	23.7	35.5#



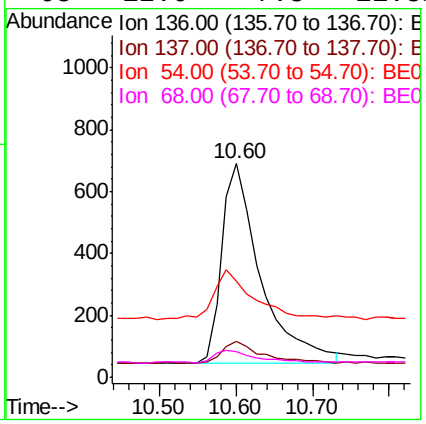


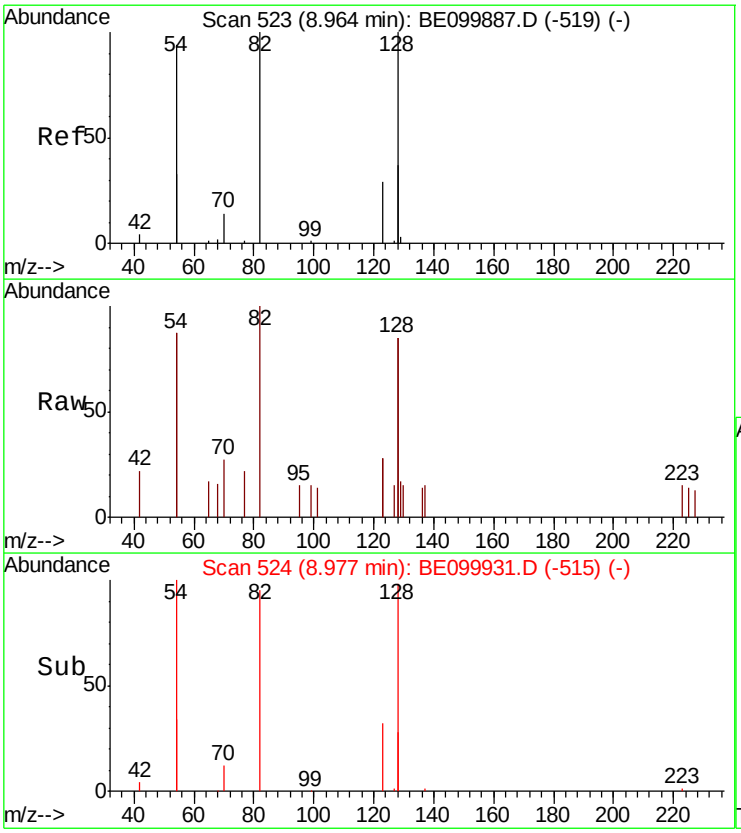
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:136 Resp: 2290

Ion	Ratio	Lower	Upper
136	100		
137	16.7	12.3	18.5
54	44.6	28.2	42.4#
68	12.0	7.8	11.8#

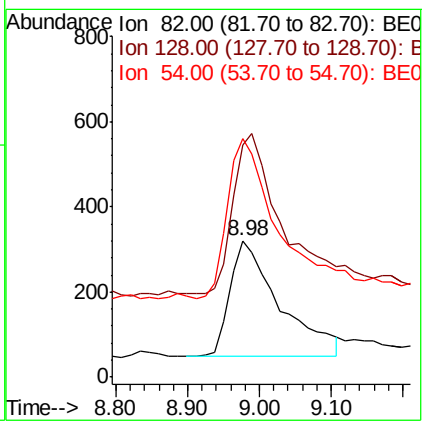


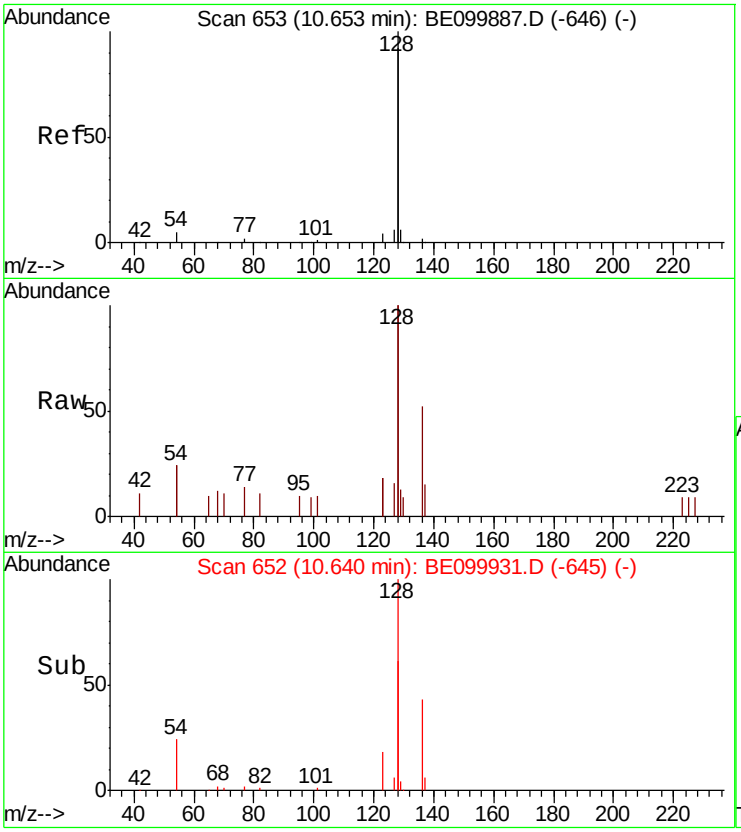


#8
Nitrobenzene-d5
Concen: 0.607 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion: 82 Resp: 1316

Ion	Ratio	Lower	Upper
82	100		
128	170.1	137.3	205.9
54	174.5	129.7	194.5



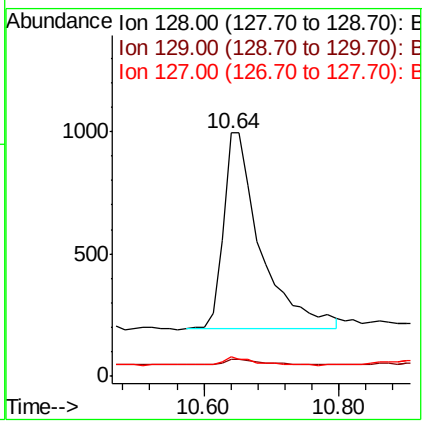


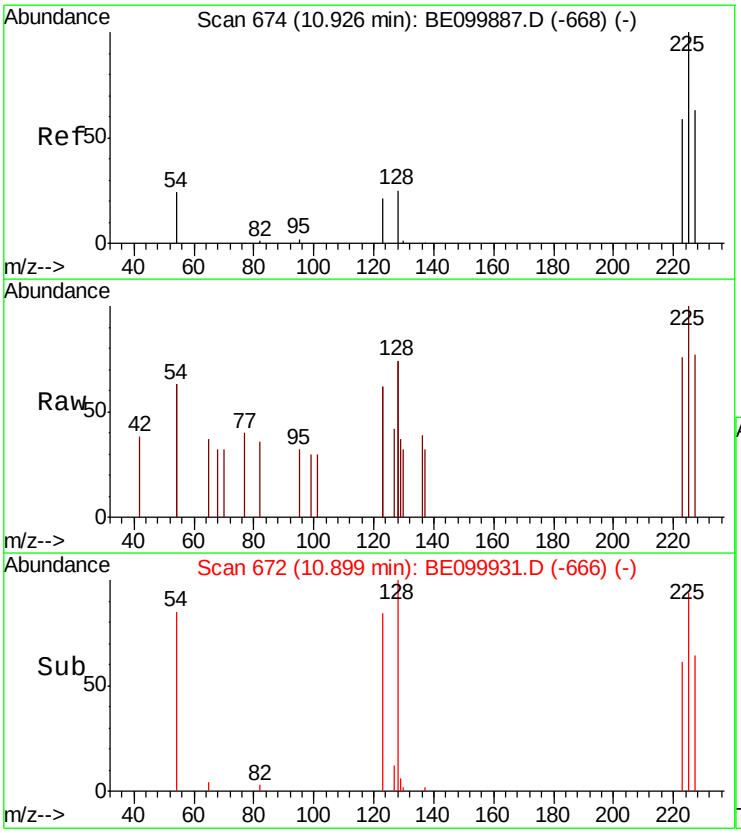
#9
Naphthalene
Concen: 0.125 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:128 Resp: 3090

Ion	Ratio	Lower	Upper
128	100		
129	6.7	3.0	4.6#
127	7.9	3.4	5.0#

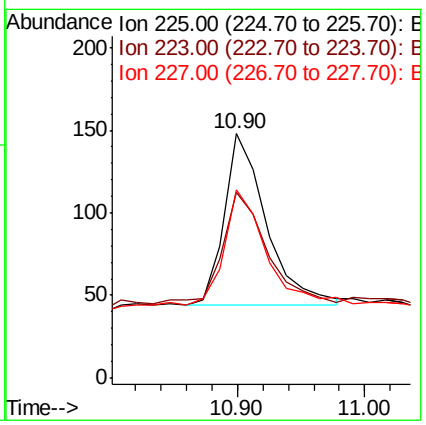


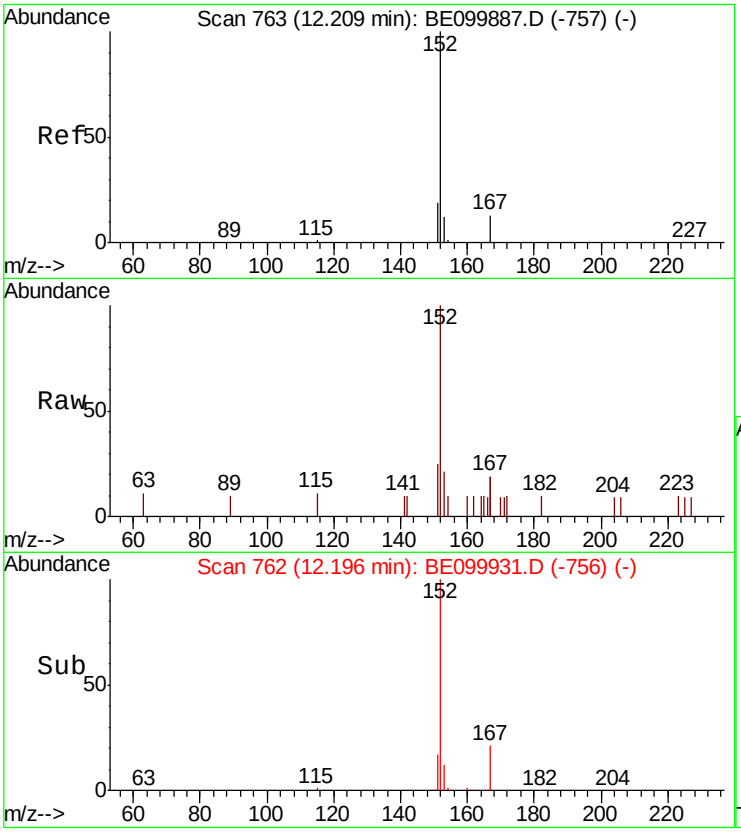


#10
Hexachlorobutadiene
Concen: 0.126 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:225 Resp: 237

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.6	77.4
227	65.4	50.6	76.0



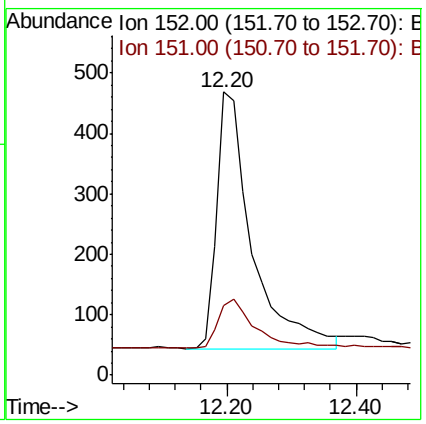


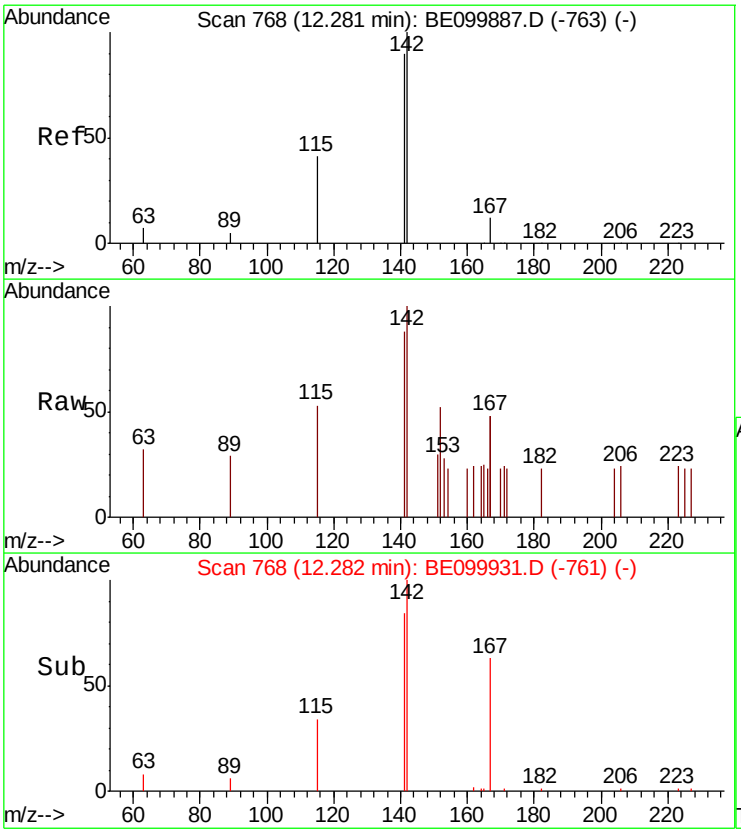
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:152 Resp: 1604

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.2	22.8

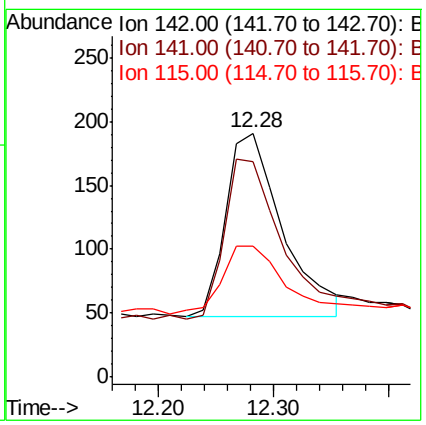


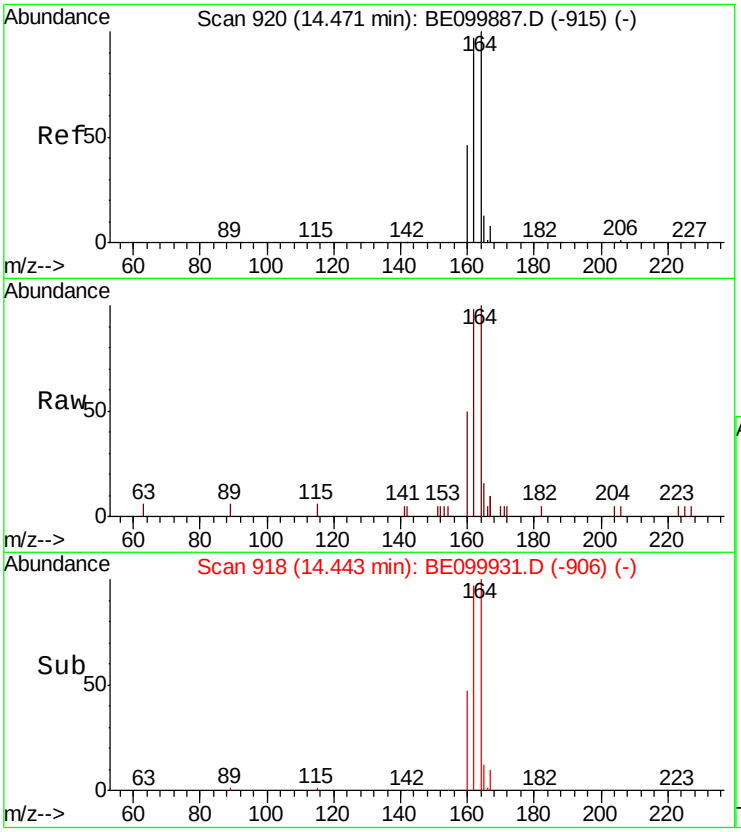


#12
2-Methylnaphthalene
Concen: 0.123 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:142 Resp: 492

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	53.4	36.4	54.6



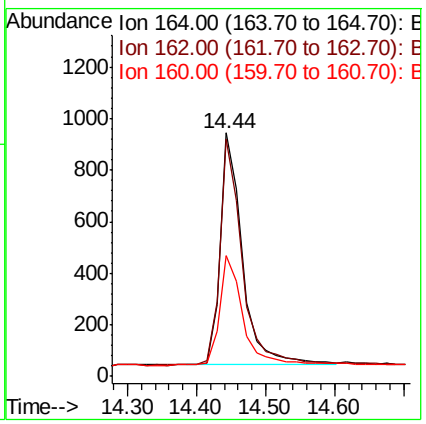


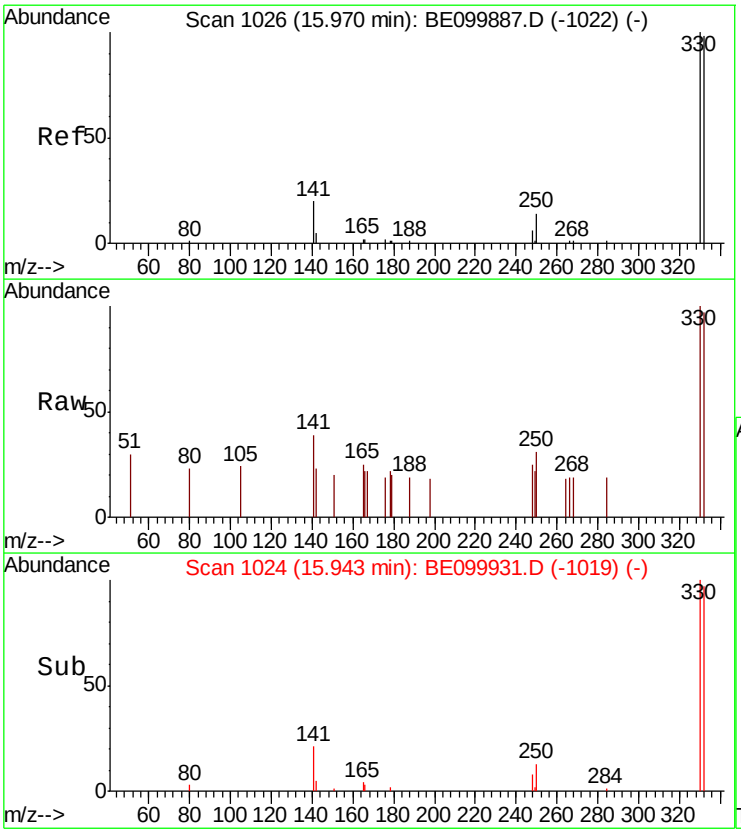
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:164 Resp: 2020

Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.8	116.8
160	49.6	38.2	57.4

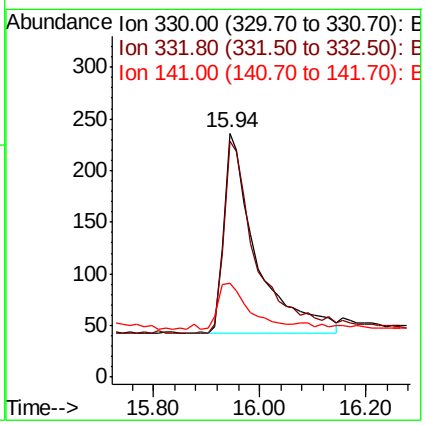


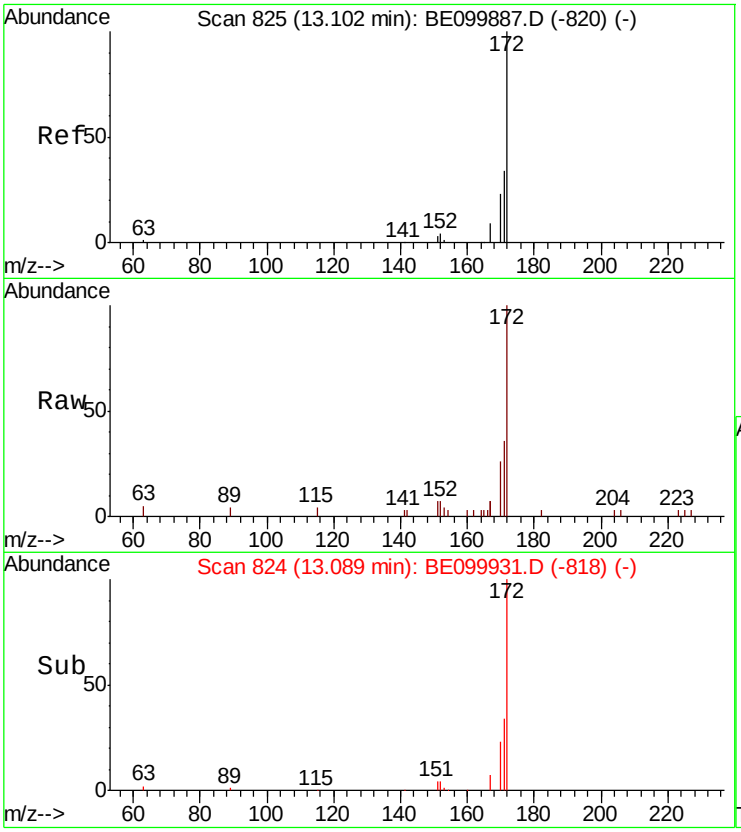


#14
2,4,6-Tribromophenol
Concen: 0.557 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:330 Resp: 831

Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.7	115.1
141	22.9	21.0	31.6



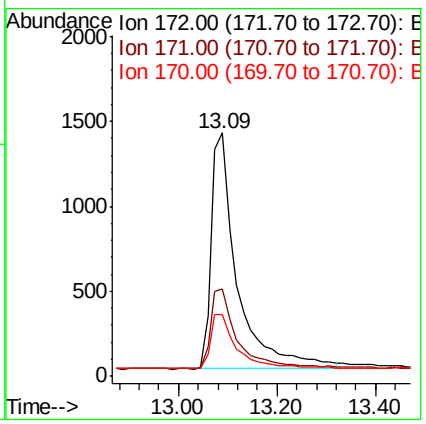


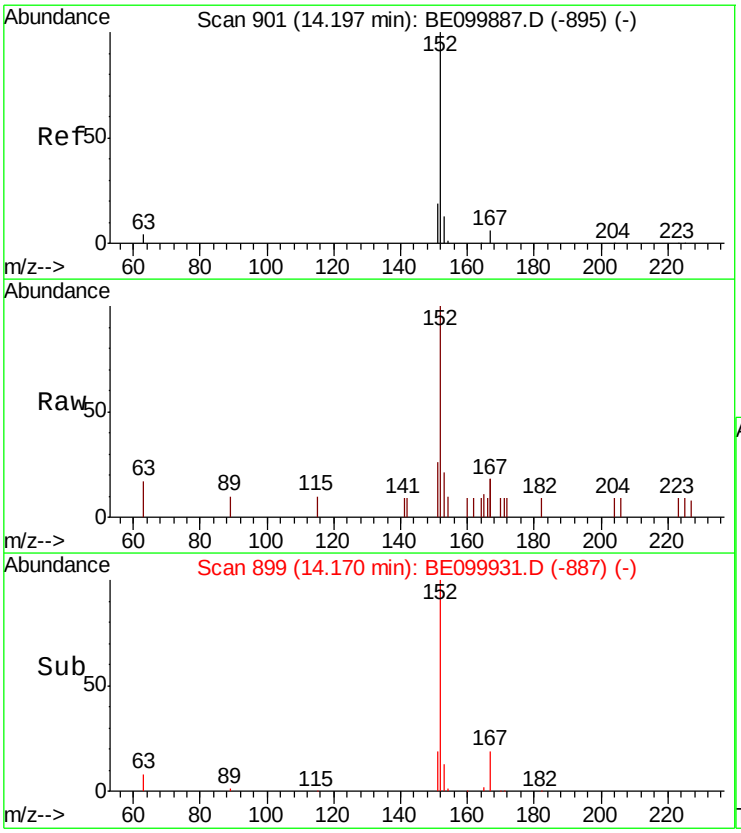
#15
2-Fluorobiphenyl
Concen: 0.657 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:172 Resp: 5029

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	25.6	21.2	31.8

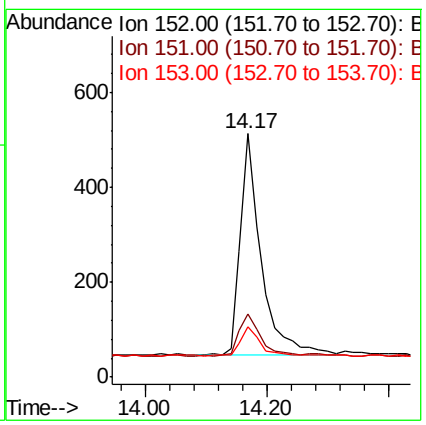


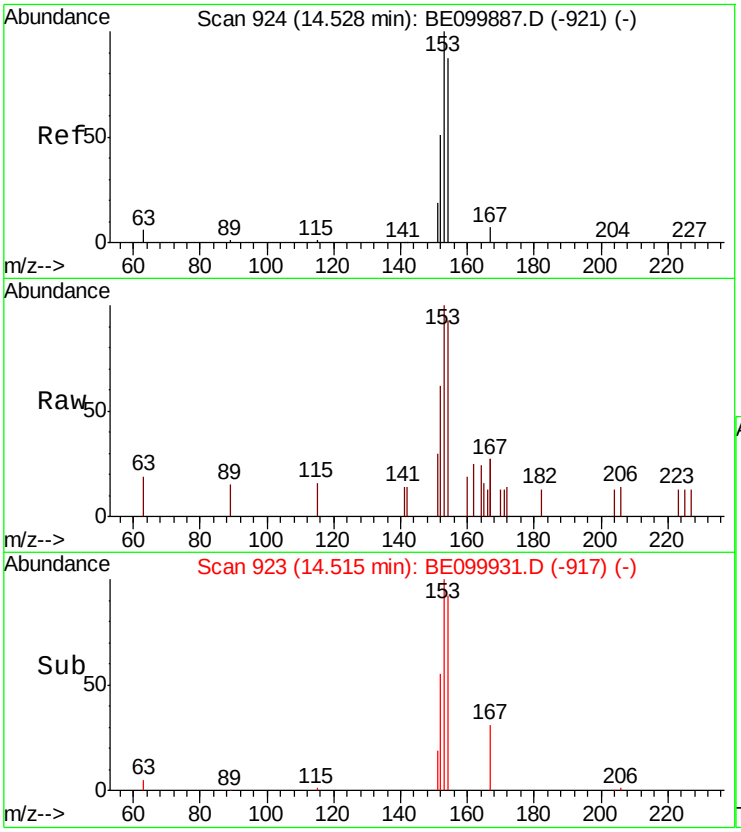


#16
Acenaphthylene
Concen: 0.110 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:152 Resp: 1109

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	12.3	10.2	15.2



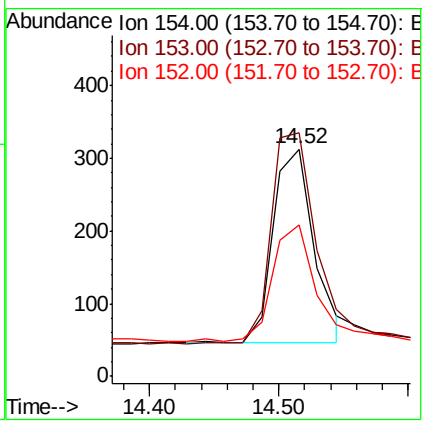


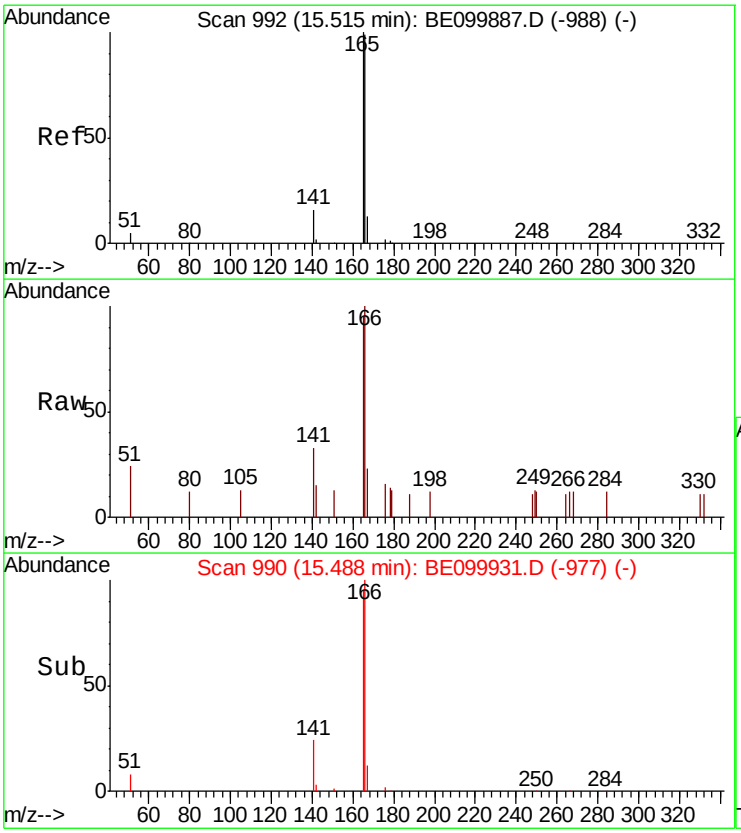
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:154 Resp: 584

Ion	Ratio	Lower	Upper
154	100		
153	118.5	93.1	139.7
152	61.3	47.0	70.4

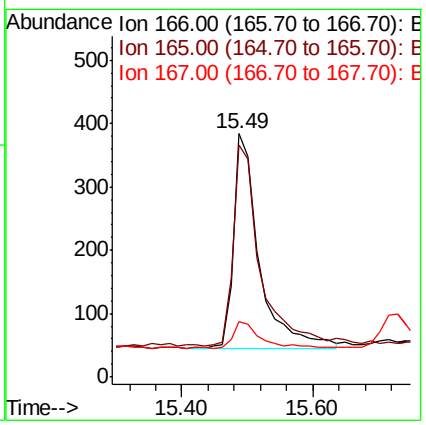


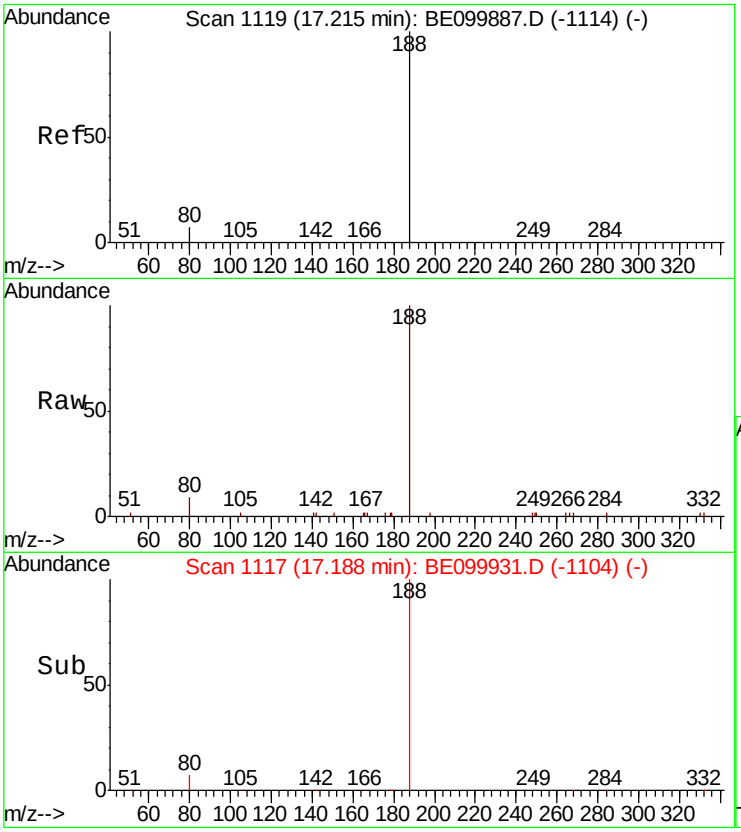


#18
Fluorene
Concen: 0.113 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:166 Resp: 930

Ion	Ratio	Lower	Upper
166	100		
165	96.9	81.8	122.8
167	13.4	11.2	16.8



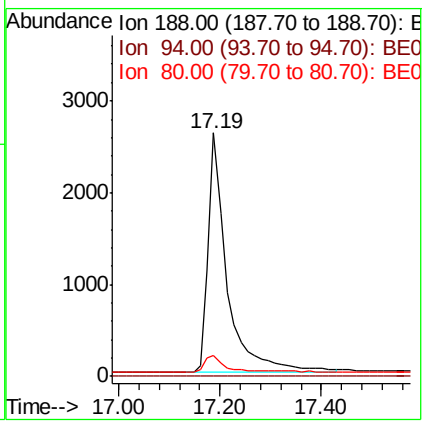


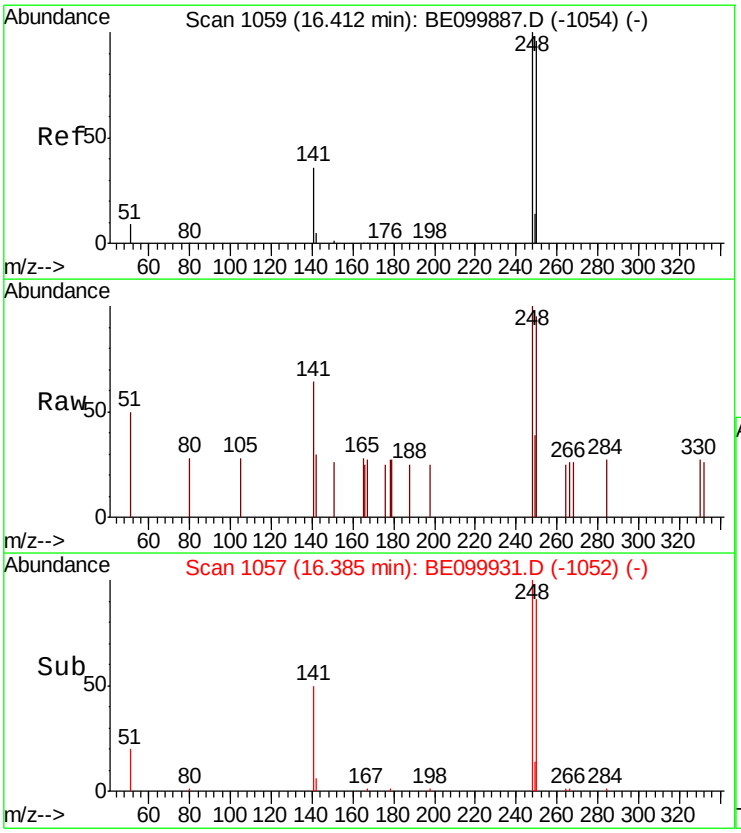
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:188 Resp: 6755

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.4	9.6

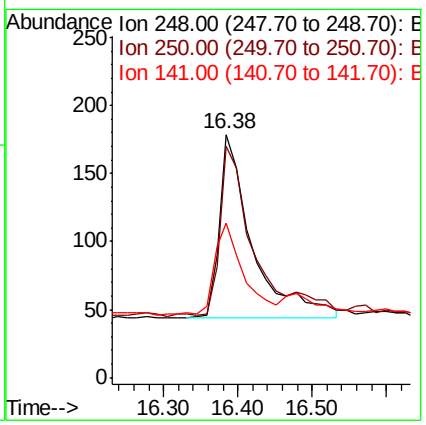


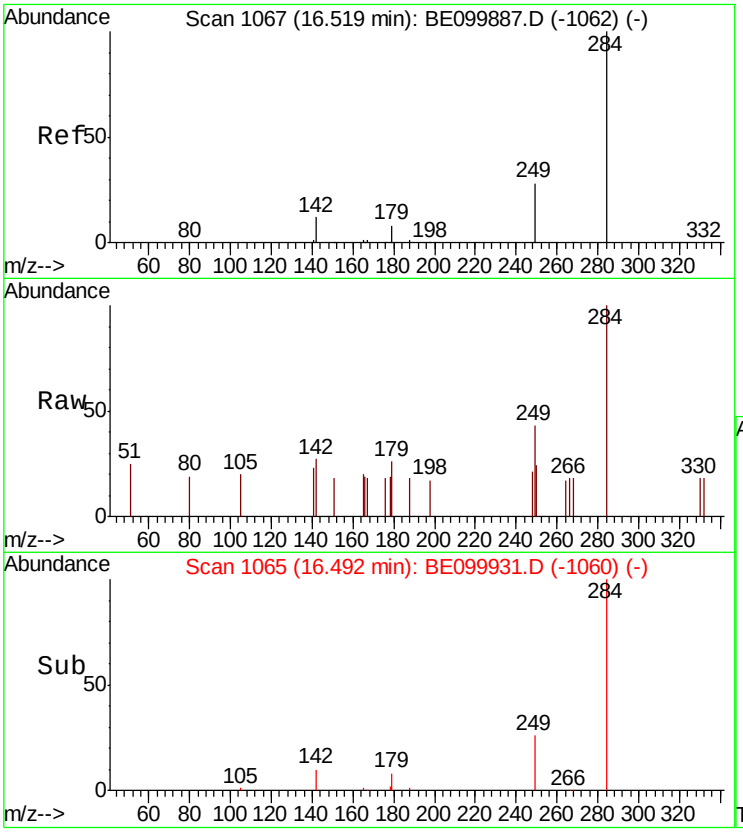


#20
4-Bromophenyl-phenylether
Concen: 0.108 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:248 Resp: 414

Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.5	116.3
141	63.7	31.8	47.8#



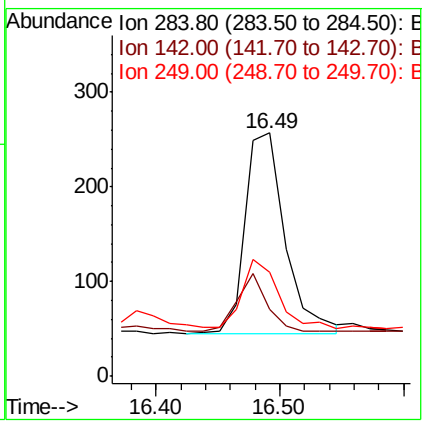


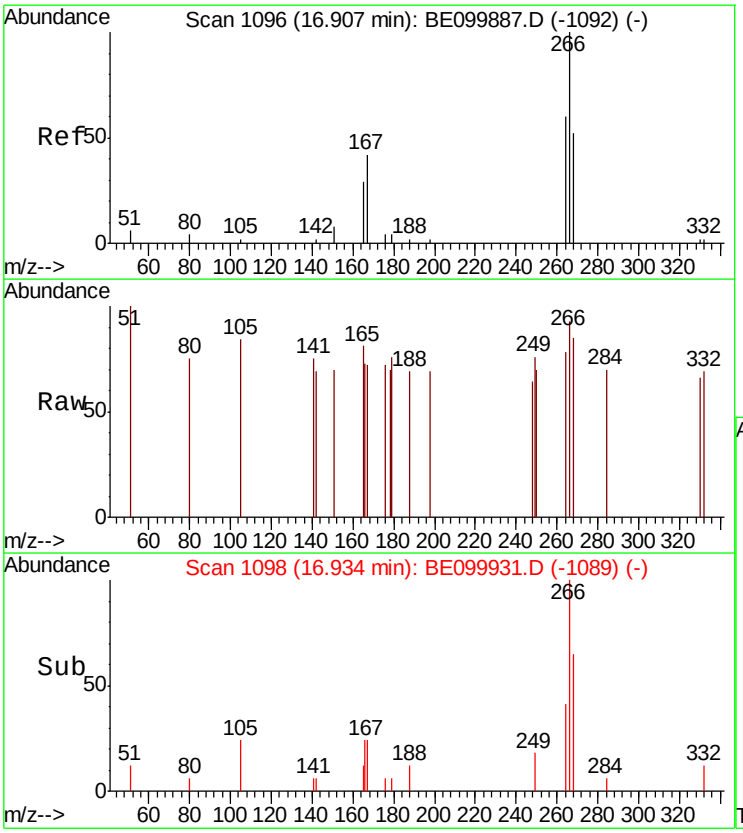
#21
Hexachlorobenzene
Concen: 0.121 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:284 Resp: 475

Ion	Ratio	Lower	Upper
284	100		
142	21.7	18.2	27.4
249	31.6	24.6	37.0

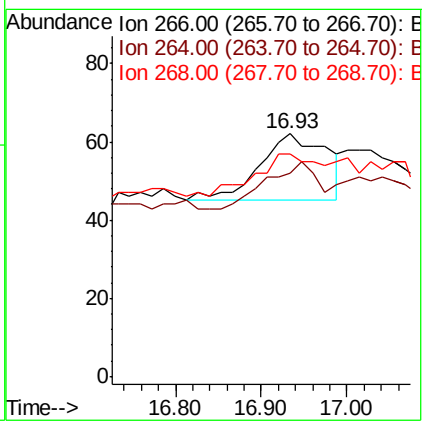


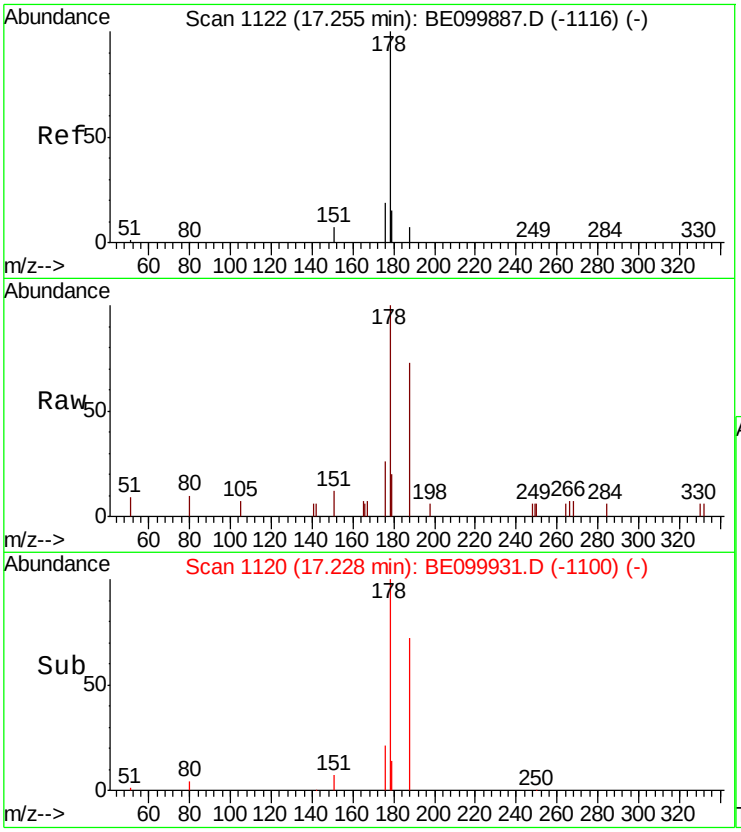


#22
Pentachlorophenol
Concen: 0.349 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:266 Resp: 93

Ion	Ratio	Lower	Upper
266	100		
264	83.9	62.2	93.2
268	91.9	65.5	98.3



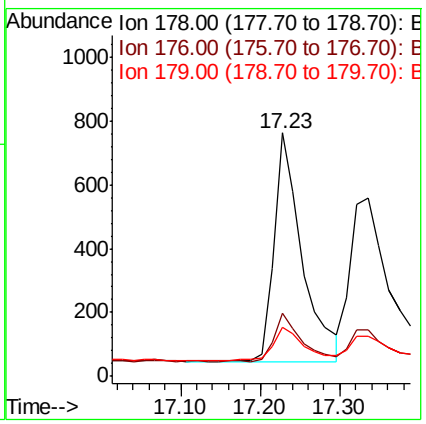


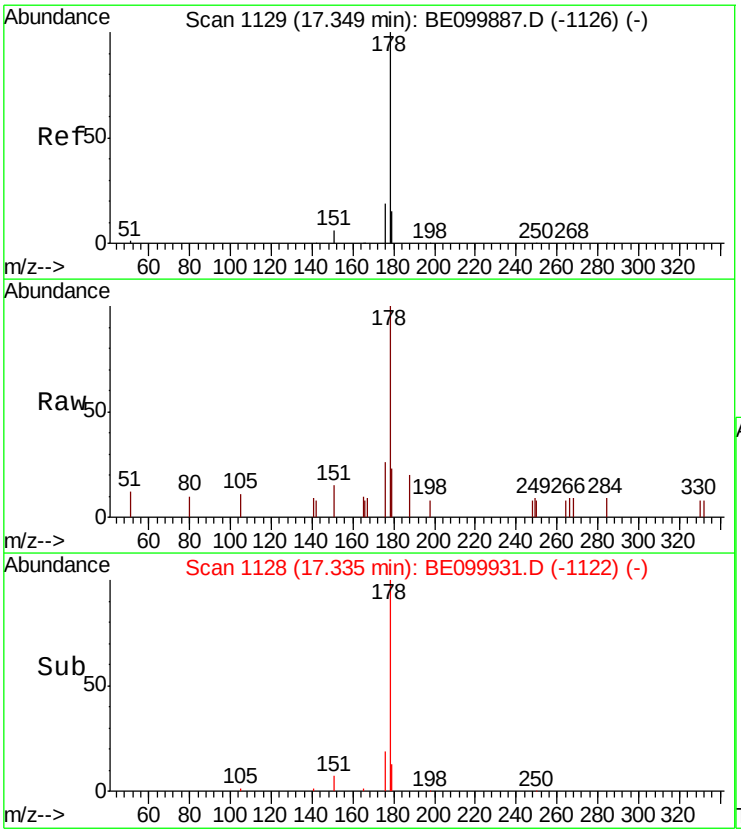
#23
Phenanthrene
Concen: 0.107 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:178 Resp: 1760

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.8	12.4	18.6

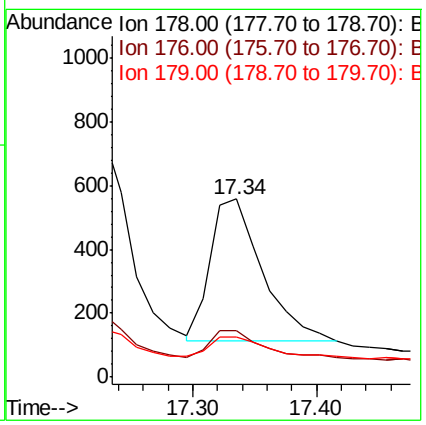


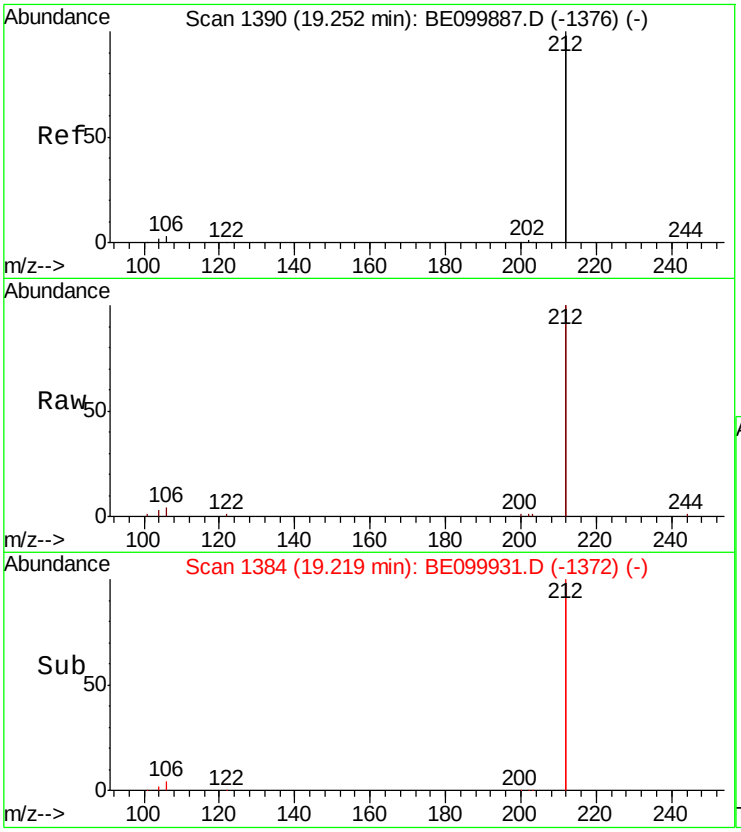


#24
Anthracene
Concen: 0.086 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:178 Resp: 1292

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	14.5	12.3	18.5



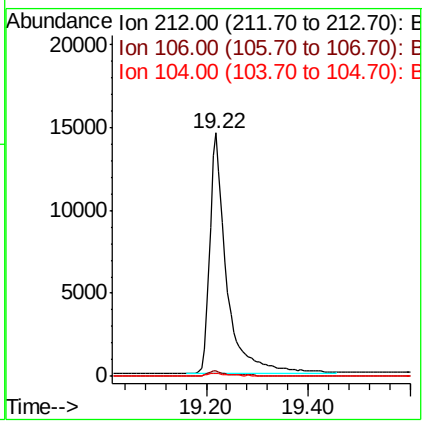


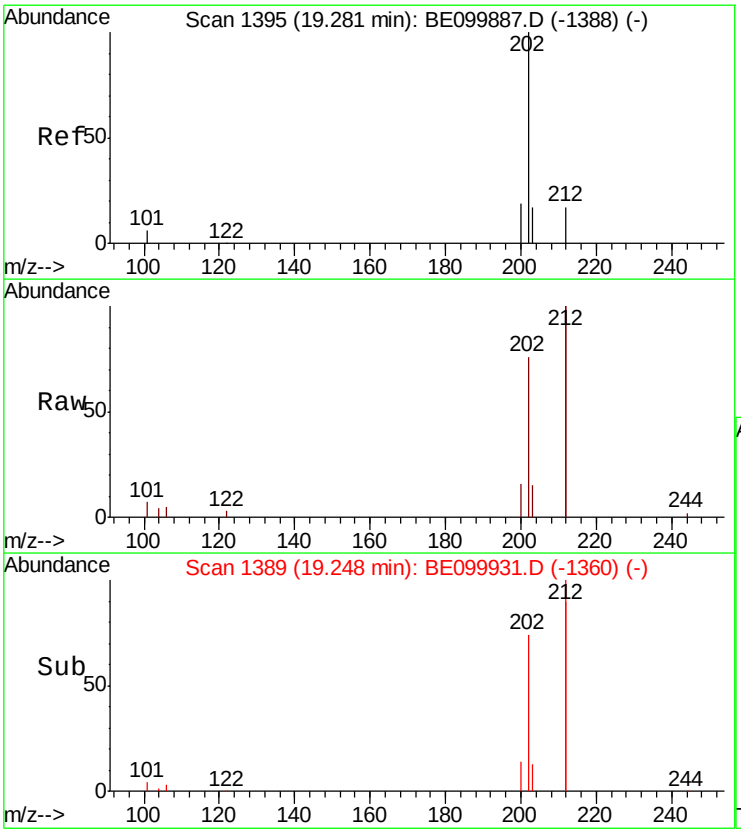
#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:212 Resp: 33691

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

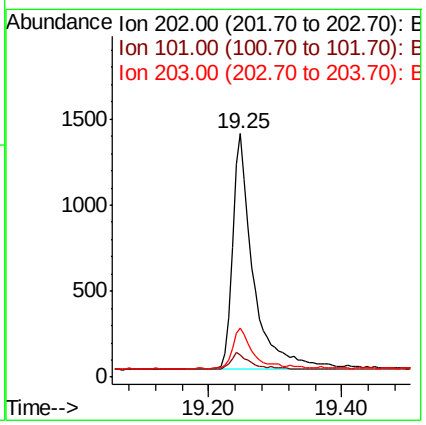


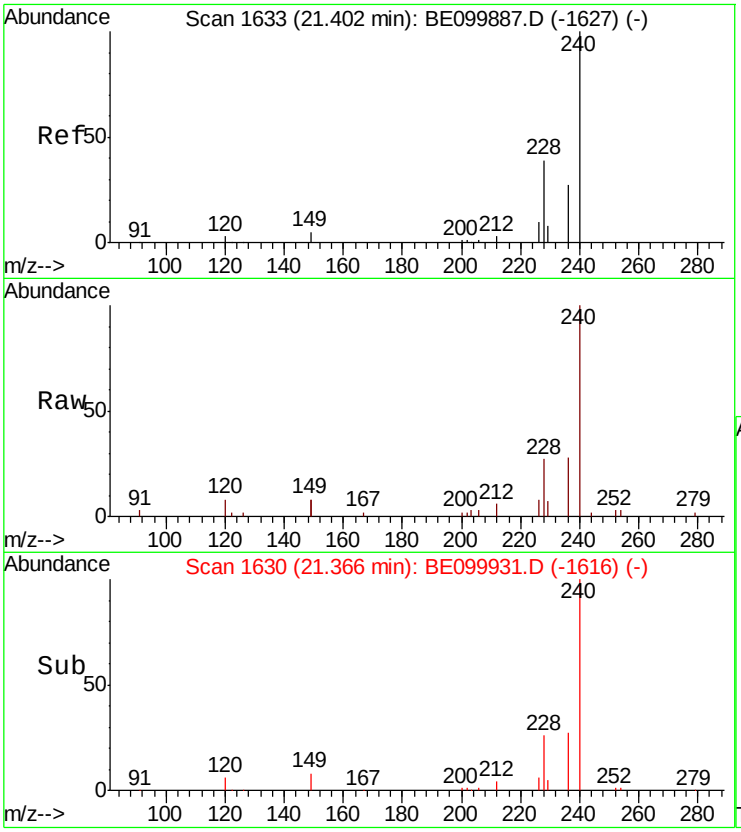


#26
Fluoranthene
Concen: 0.105 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:202 Resp: 2931

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
203	16.6	13.2	19.8



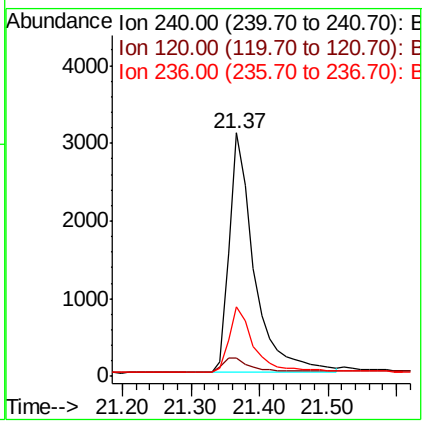


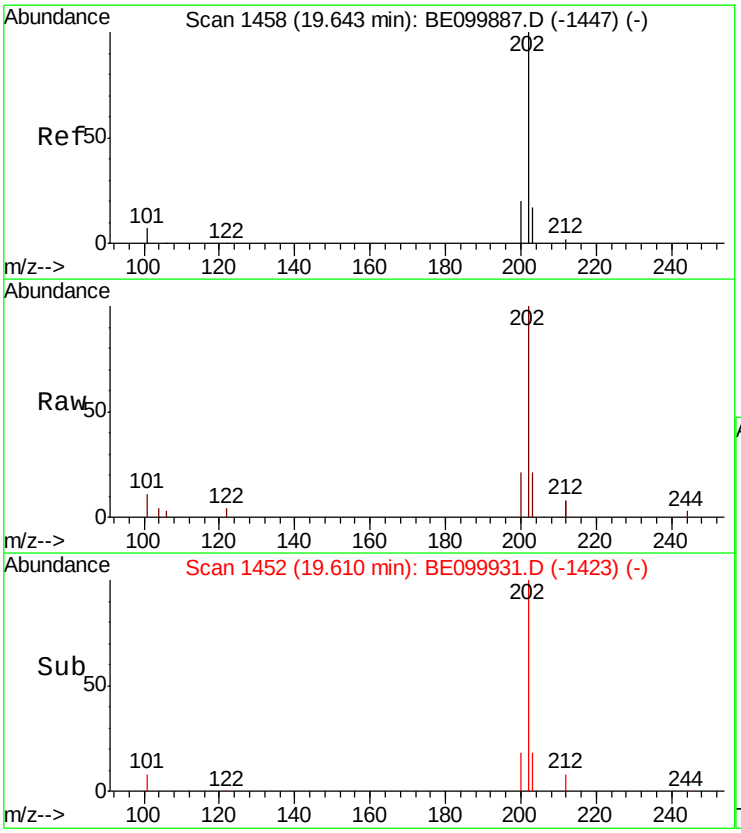
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:240 Resp: 7862

Ion	Ratio	Lower	Upper
240	100		
120	7.8	3.8	5.6#
236	28.5	22.0	33.0

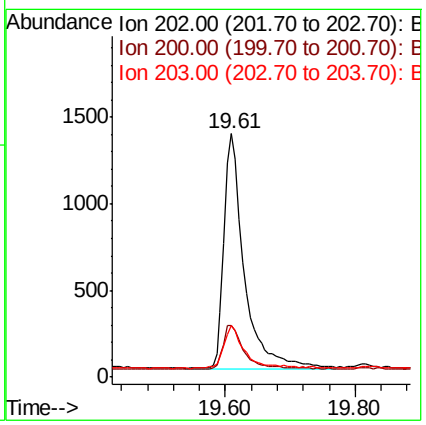


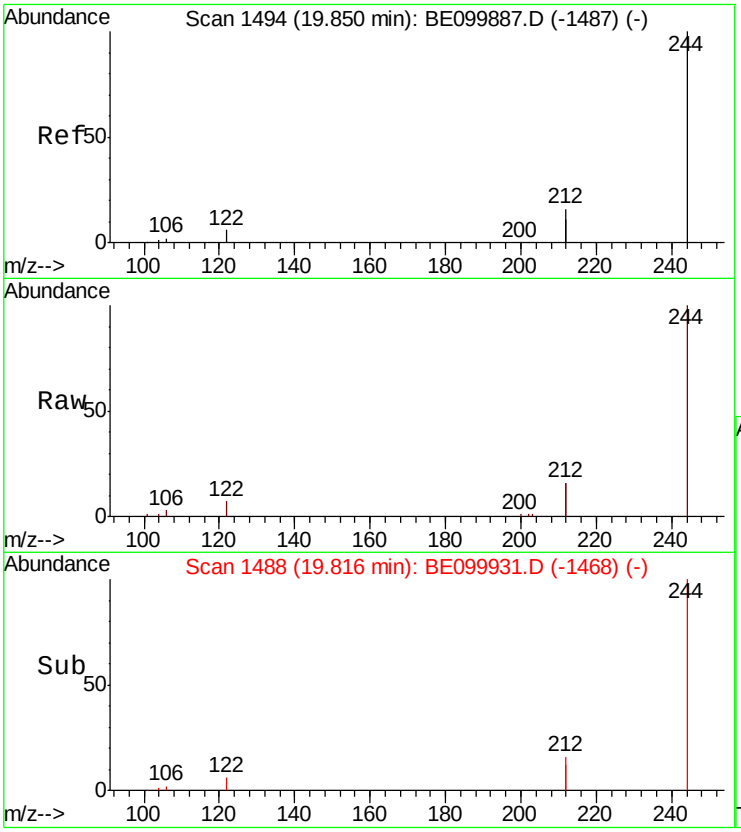


#28
Pyrene
Concen: 0.141 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:202 Resp: 2912

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.8	14.0	21.0



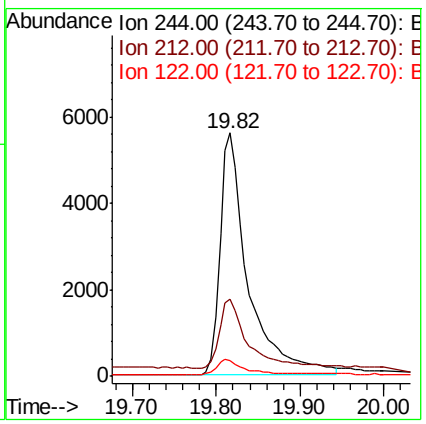


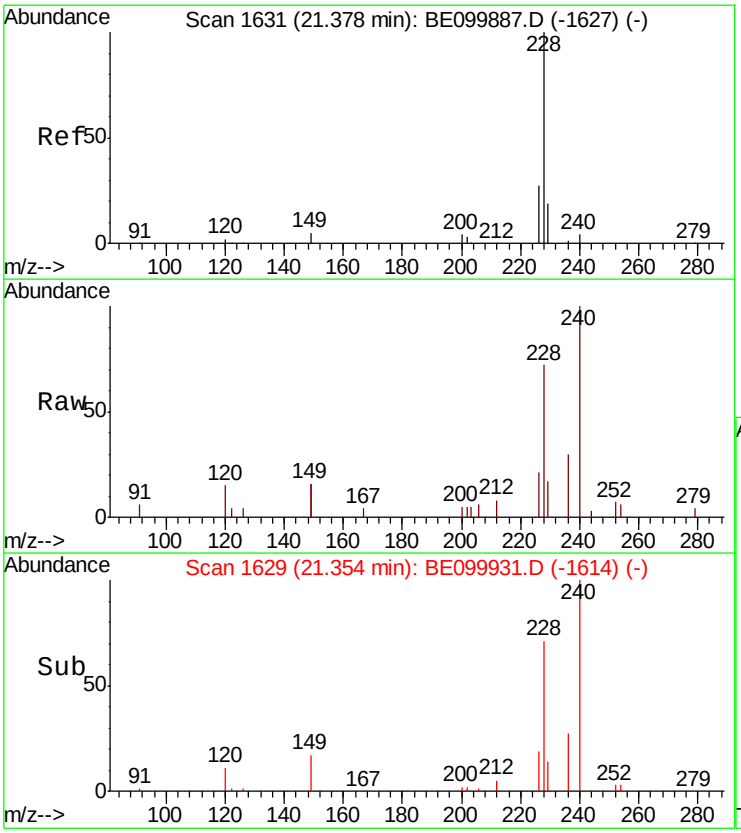
#29
Terphenyl-d14
Concen: 0.914 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:244 Resp: 12930

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.7	38.5
122	6.7	5.5	8.3

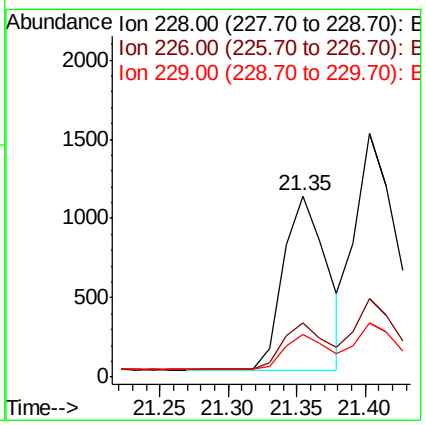


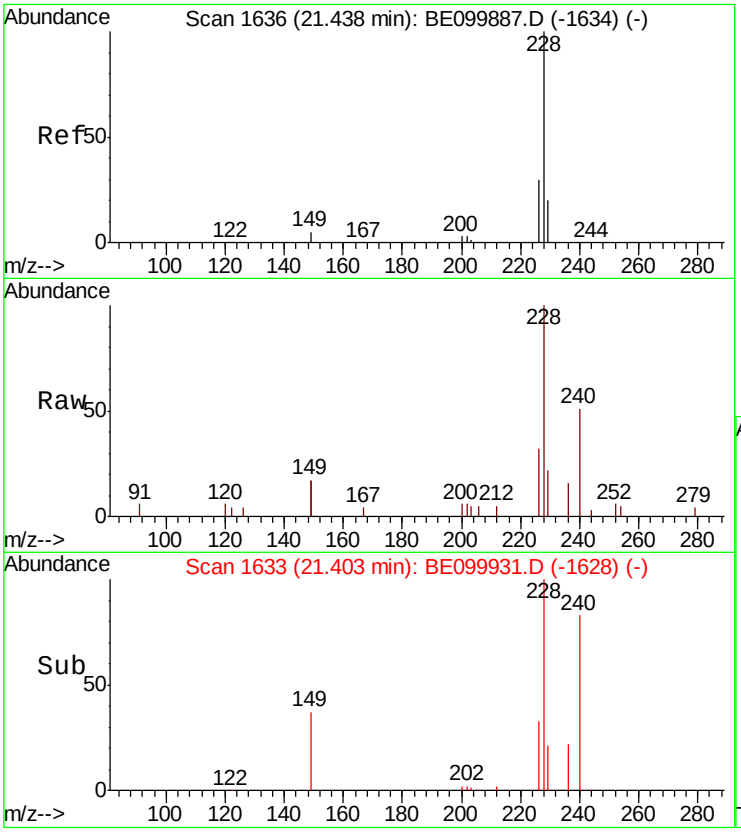


#30
Benzo(a)anthracene
Concen: 0.102 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:228 Resp: 2405

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	23.5	15.9	23.9



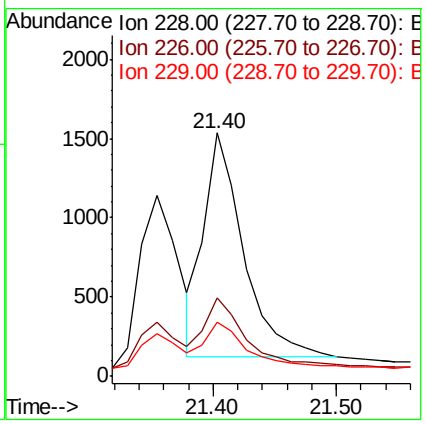


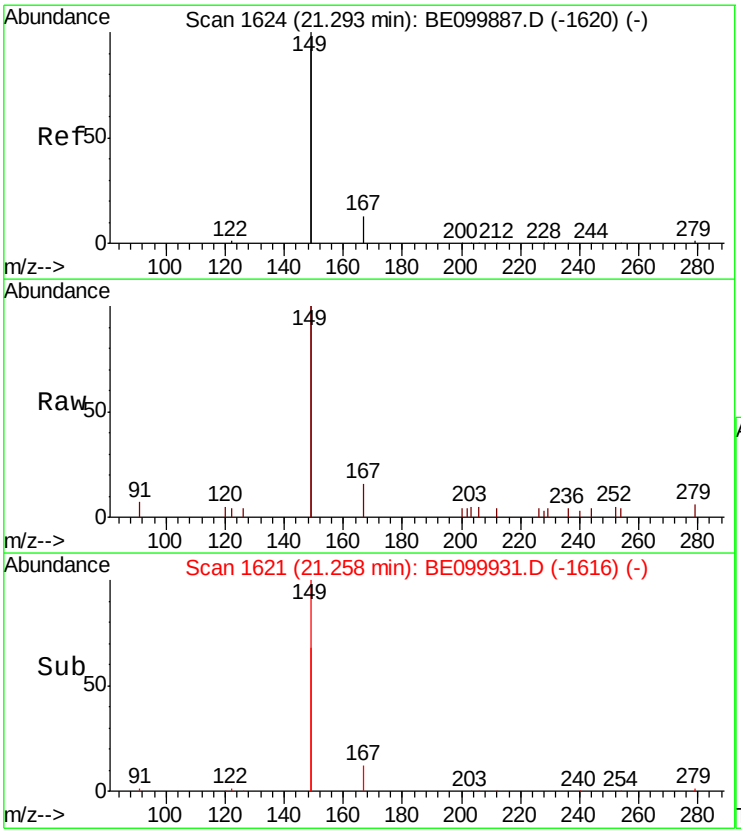
#31
Chrysene
Concen: 0.129 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:228 Resp: 3130

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.1	36.1
229	22.1	16.1	24.1

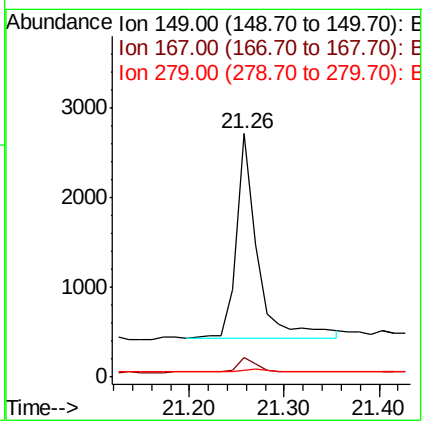


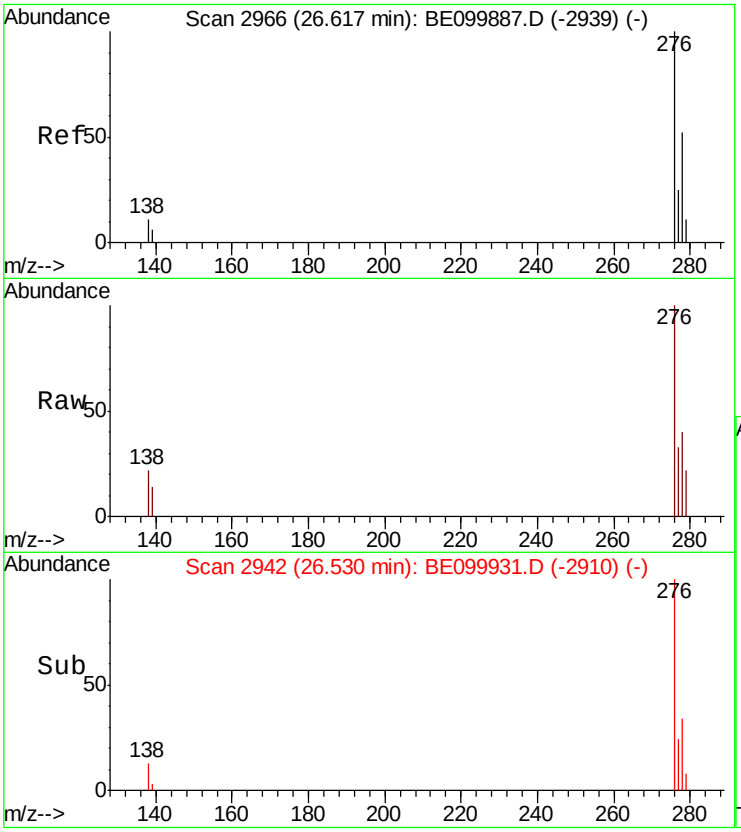


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:149 Resp: 3539

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.9	8.9
279	1.9	1.2	1.8#



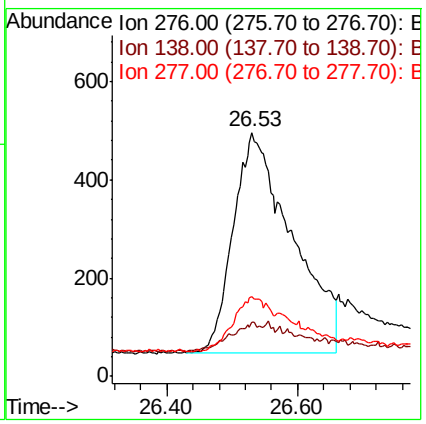


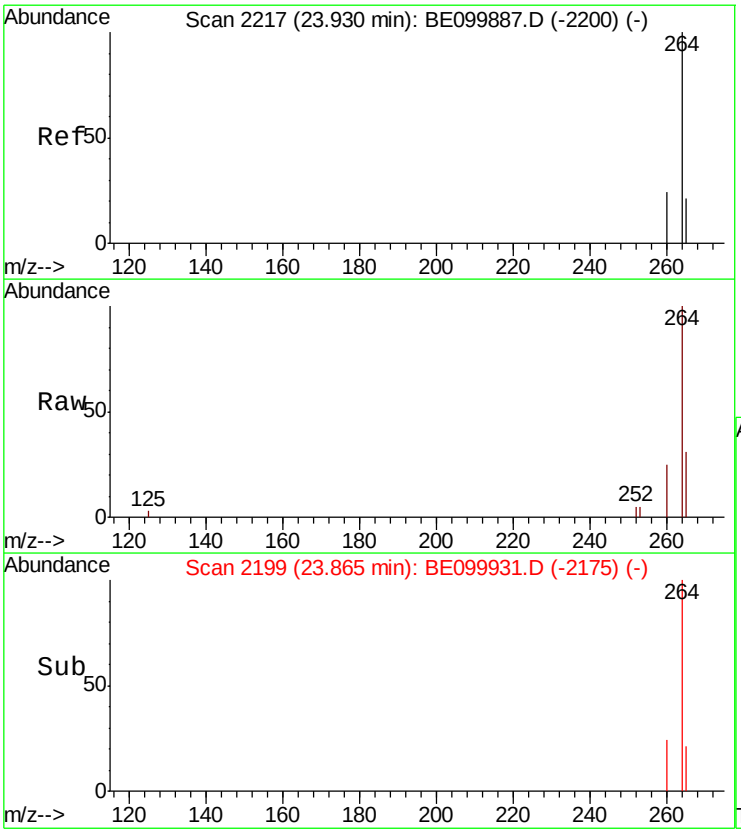
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.09 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:276 Resp: 2799

Ion	Ratio	Lower	Upper
276	100		
138	7.0	10.1	15.1#
277	15.6	19.1	28.7#

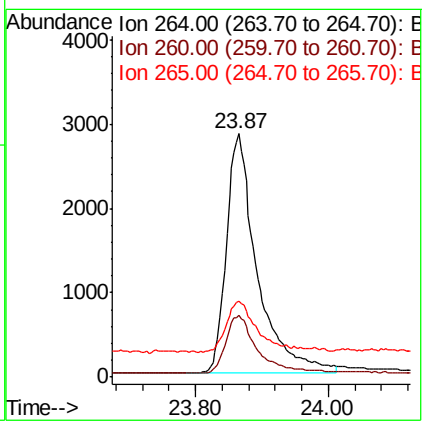


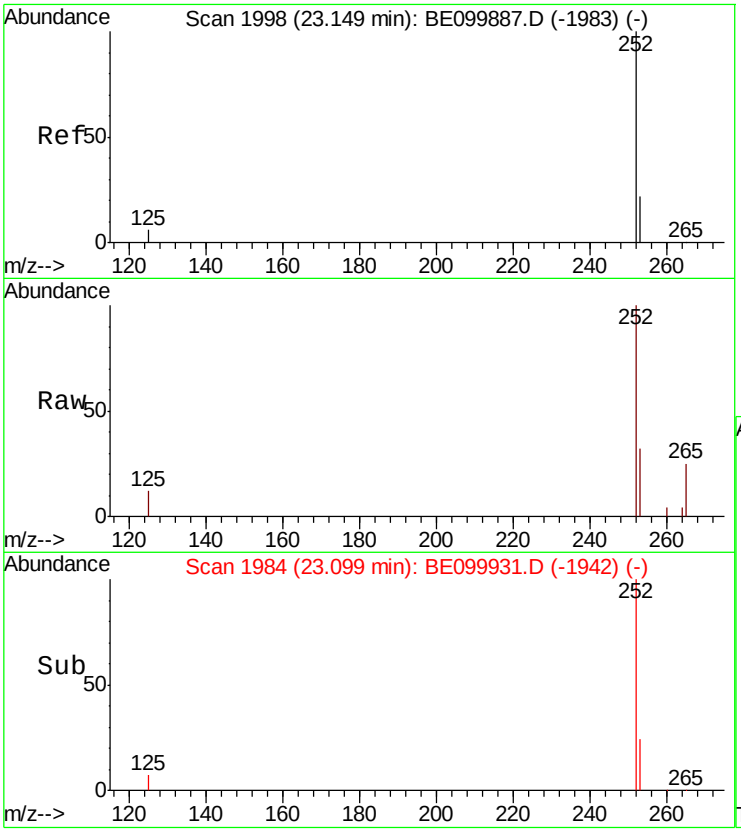


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:264 Resp: 9106

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	30.9	22.0	33.0



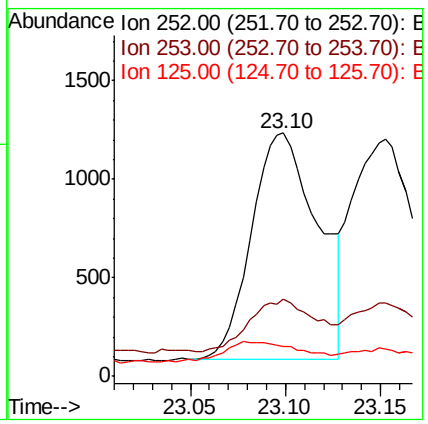


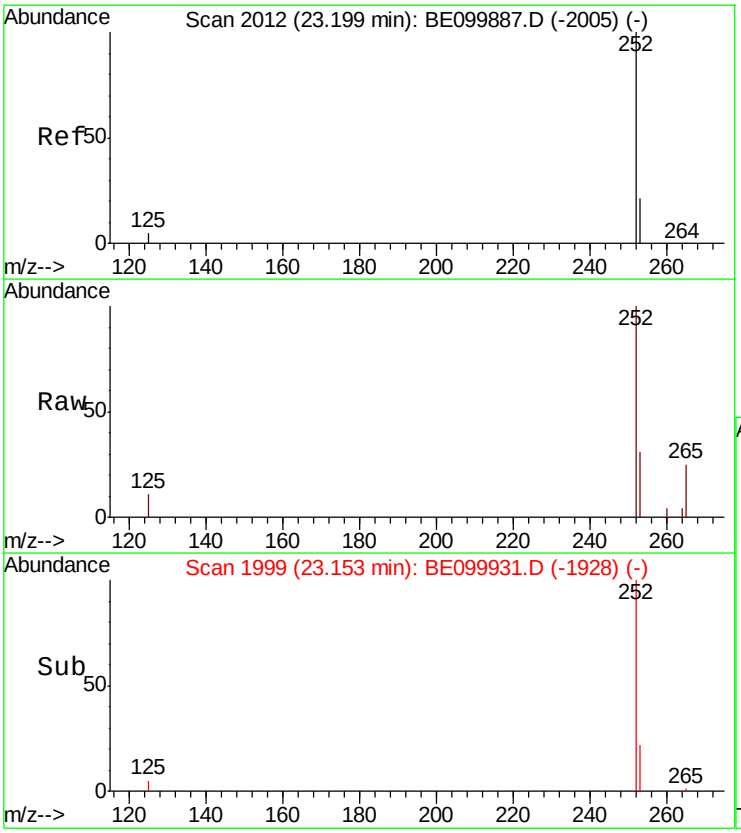
#35
Benzo(b)fluoranthene
Concen: 0.109 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.05 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:252 Resp: 2779

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.7	28.1#
125	12.1	5.7	8.5#

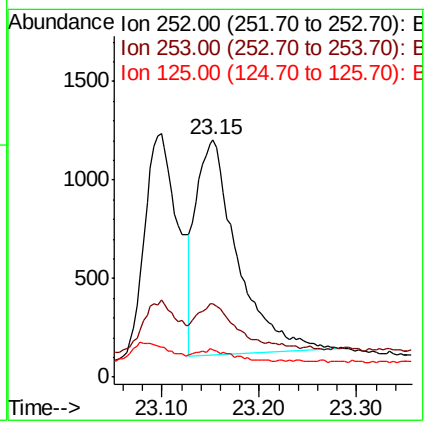


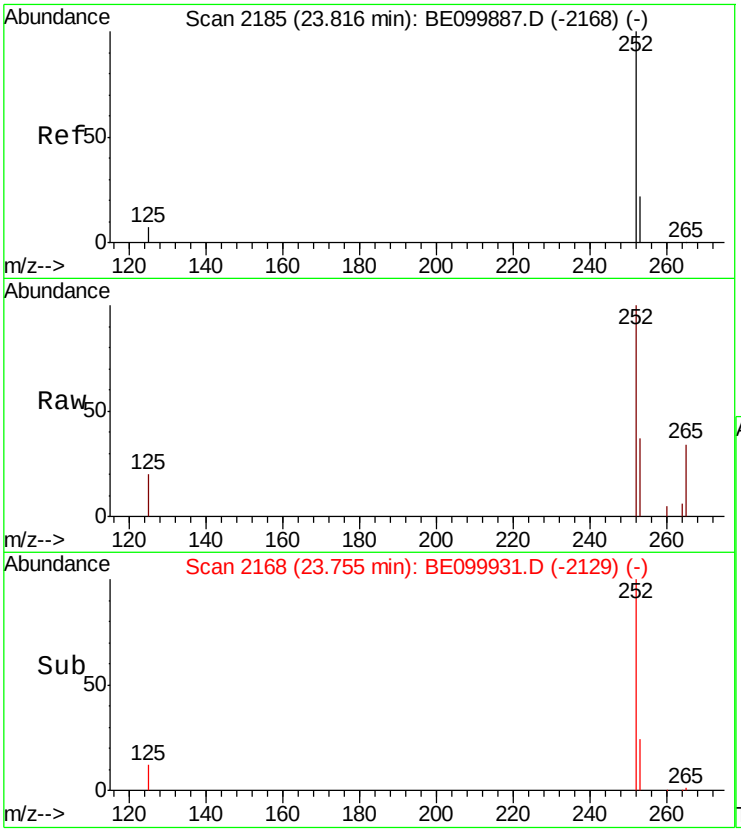


#36
Benzo(k)fluoranthene
Concen: 0.121 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.05 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:252 Resp: 3230

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.6	28.0#
125	11.3	5.4	8.0#



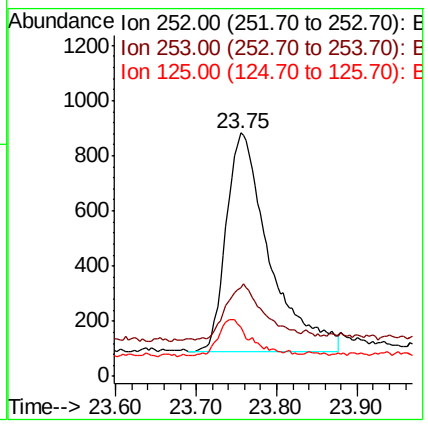


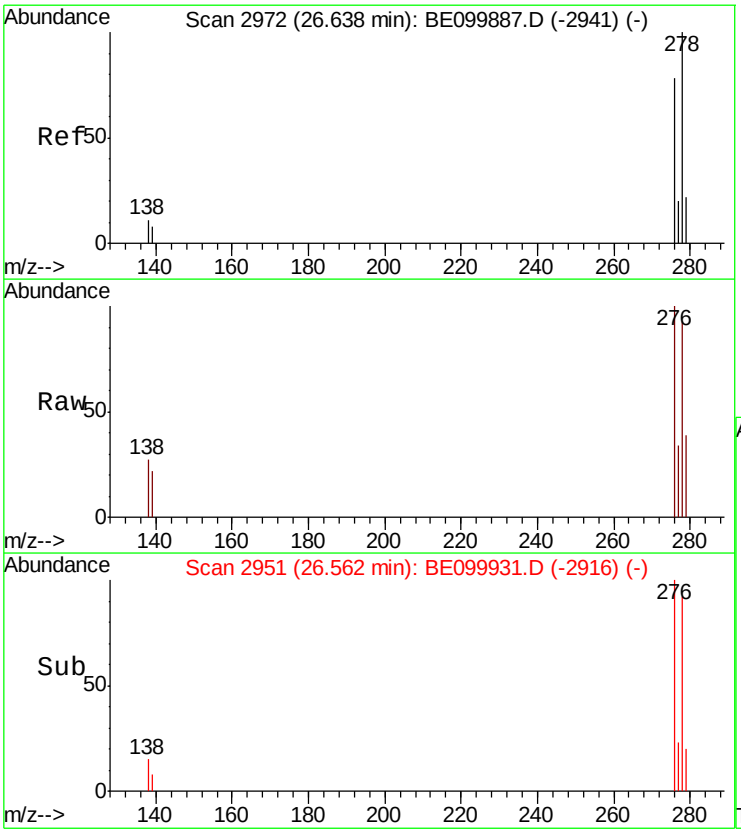
#37
Benzo(a)pyrene
Concen: 0.118 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:252 Resp: 2965

Ion	Ratio	Lower	Upper
252	100		
253	36.7	19.6	29.4#
125	20.3	6.6	10.0#

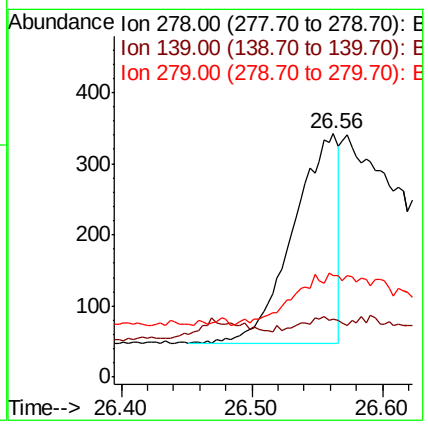


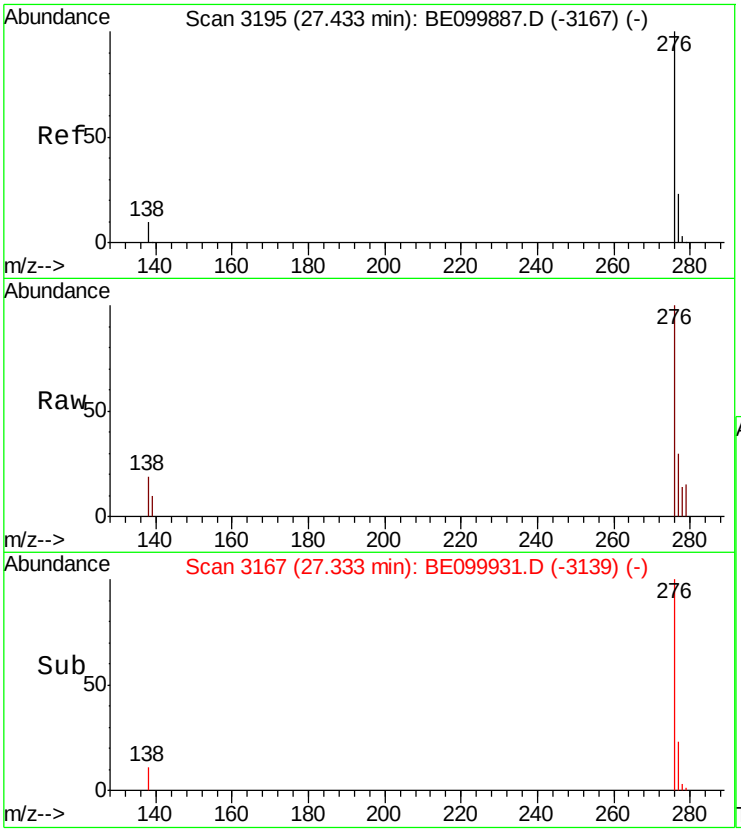


#38
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.08 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:278 Resp: 705

Ion	Ratio	Lower	Upper
278	100		
139	23.7	7.8	11.8#
279	41.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.109 ng
RT: 27.33 min Scan# 3167
Delta R.T. -0.10 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:276 Resp: 2861

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.5	29.3#
138	19.4	9.5	14.3#