Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099602.D
Acq On : 10 May 2019 17:07
Operator : JU/SJ
Sample : K2781-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-WK-2

Quant Time: May 11 01:01:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2082	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	7413	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	5090	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	14537	0.40	ng		0.00
27) Chrysene-d12	21.43	240	17987	0.40	ng		0.00
34) Perylene-d12	23.97	264	20879	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	889	0.16	ng		0.00
5) Phenol-d6	6.99	99	782	0.10	ng		0.00
8) Nitrobenzene-d5	8.98	82	2161	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4379	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1039	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	7229	0.37	ng		0.00
25) Fluoranthene-d10	19.27	212	70947	0.37	ng		0.00
29) Terphenyl-d14	19.87	244	15384	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	180	0.061	ng	#	43
16) Acenaphthylene	14.21	152	837	0.034	ng		93
18) Fluorene	15.53	166	428	0.022	ng	#	95
22) Pentachlorophenol	16.88	266	14	0.252	ng	#	72
23) Phenanthrene	17.28	178	3900	0.108	ng		99
26) Fluoranthene	19.30	202	1563	0.029	ng	#	96
28) Pyrene	19.66	202	1886	0.040	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	130654	1.655	ng		100

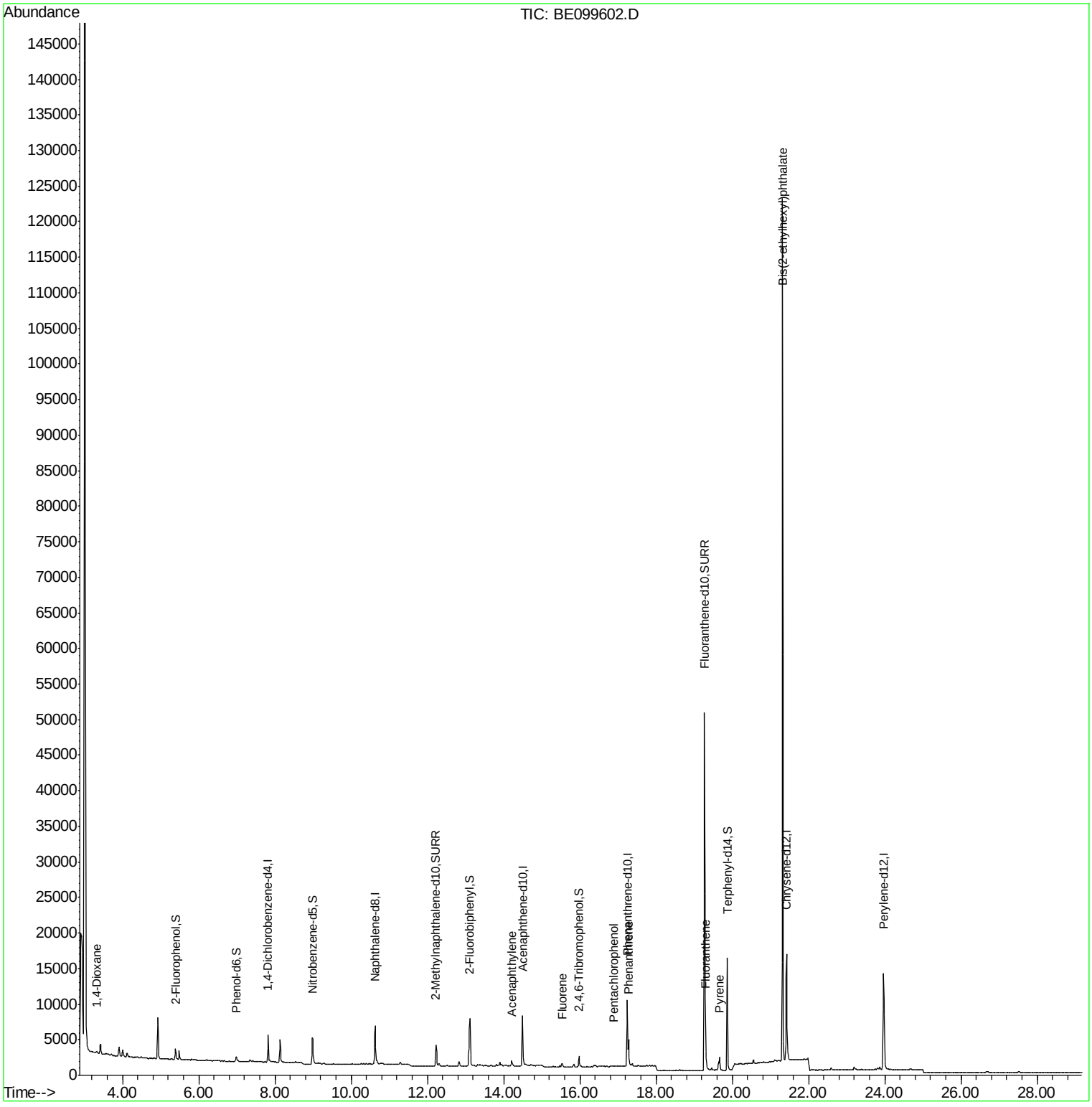
(#) = qualifier out of range (m) = manual integration (+) = signals summed

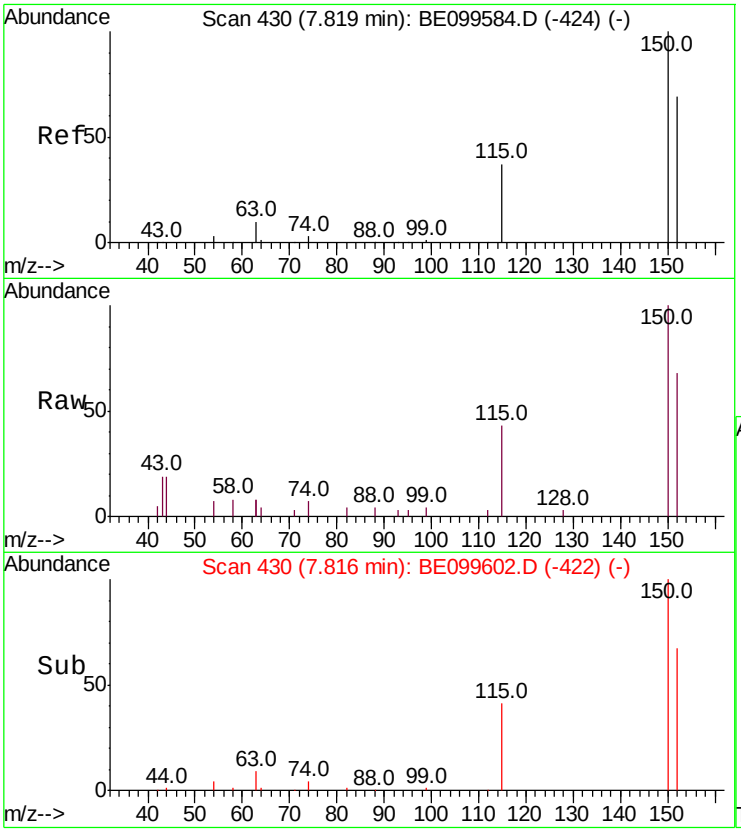
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099602.D
Acq On : 10 May 2019 17:07
Operator : JU/SJ
Sample : K2781-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Quant Time: May 11 01:01:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration



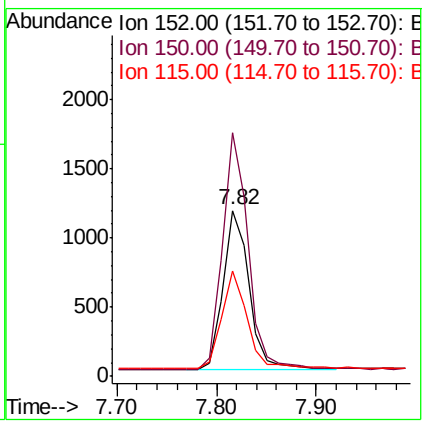


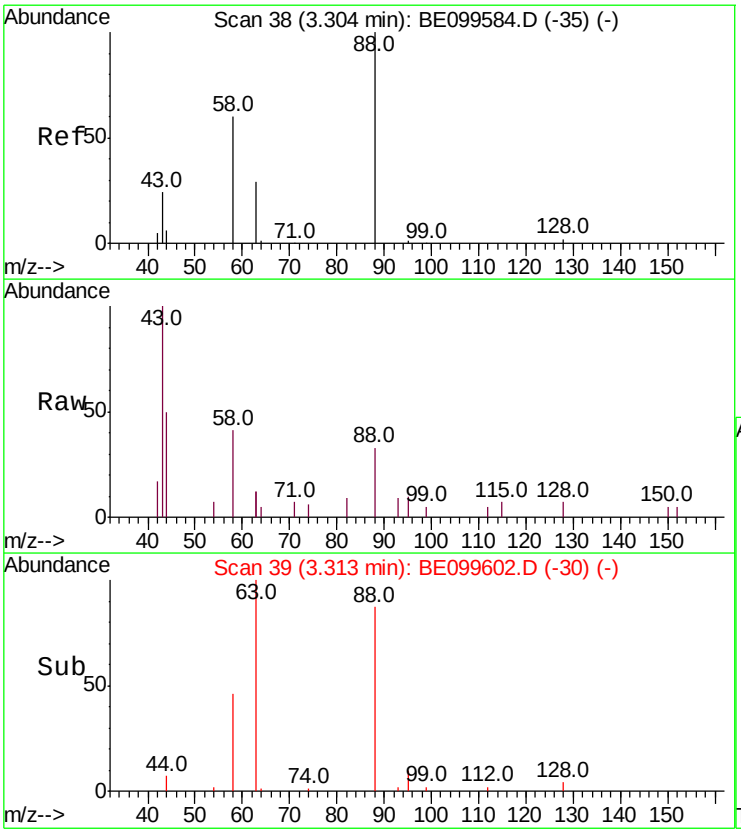
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:152 Resp: 2082

Ion	Ratio	Lower	Upper
152	100		
150	146.8	114.2	171.4
115	63.2	45.4	68.0

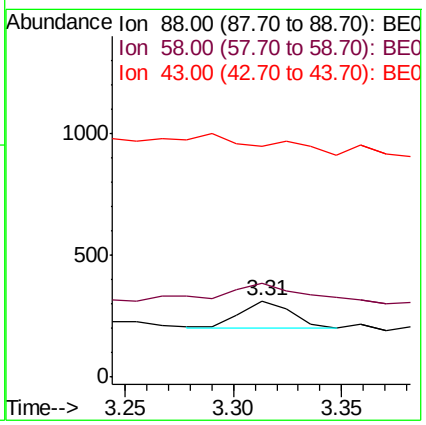


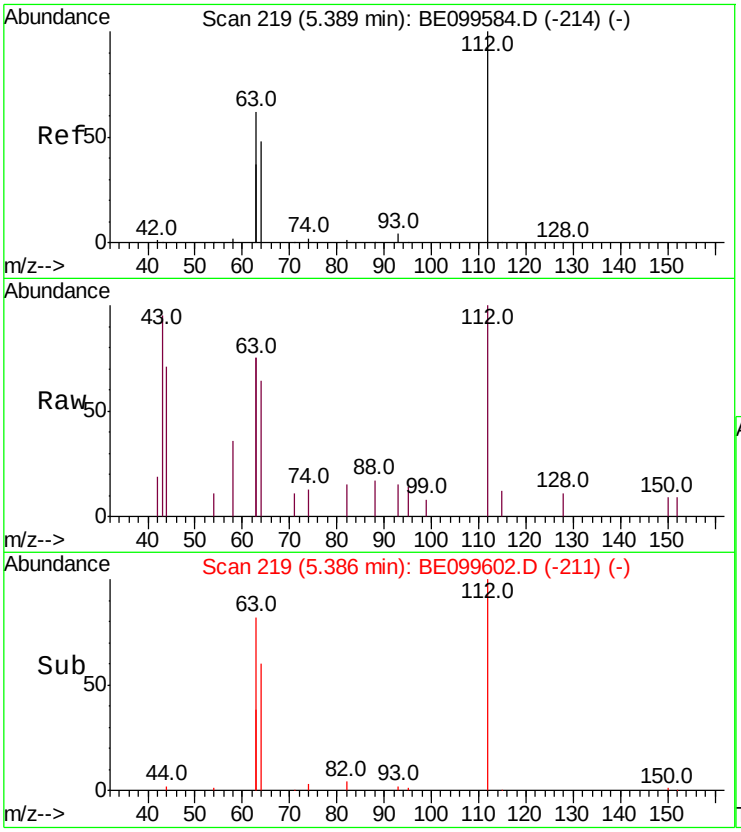


#2
1,4-Dioxane
Concen: 0.061 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion: 88 Resp: 180

Ion	Ratio	Lower	Upper
88	100		
58	93.3	41.3	61.9#
43	0.0	21.0	31.6#



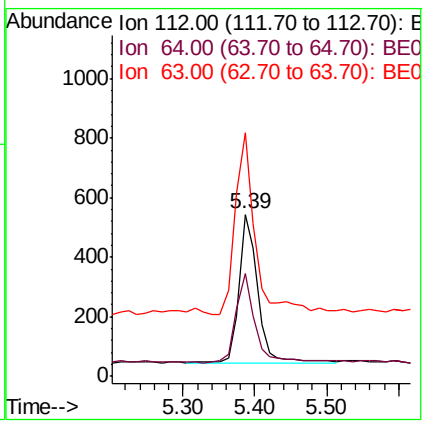


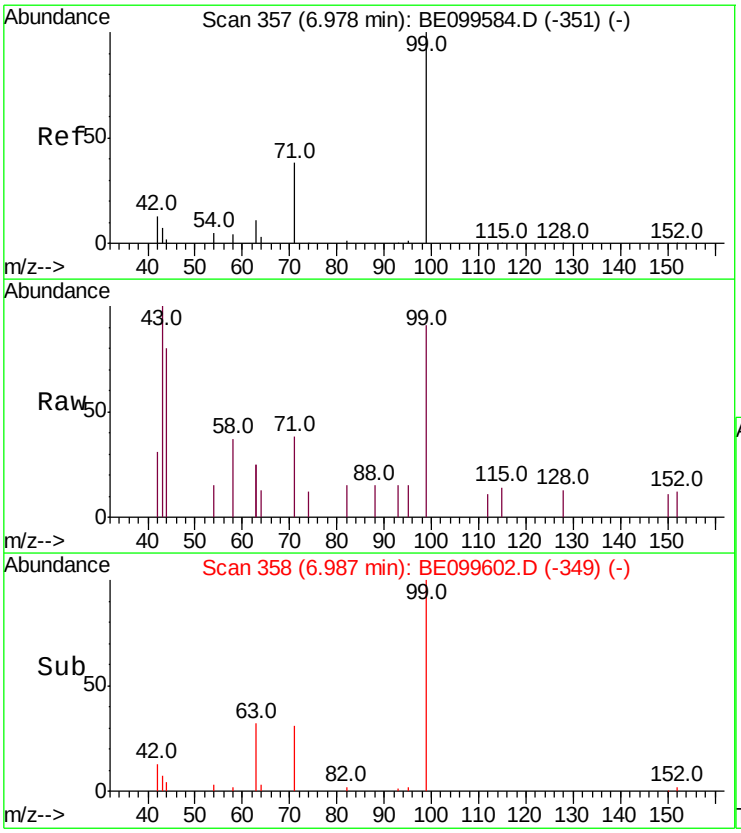
#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:112 Resp: 889

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.2	69.4
63	135.9	100.2	150.4

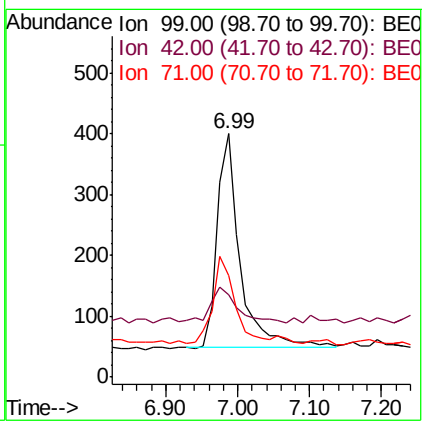


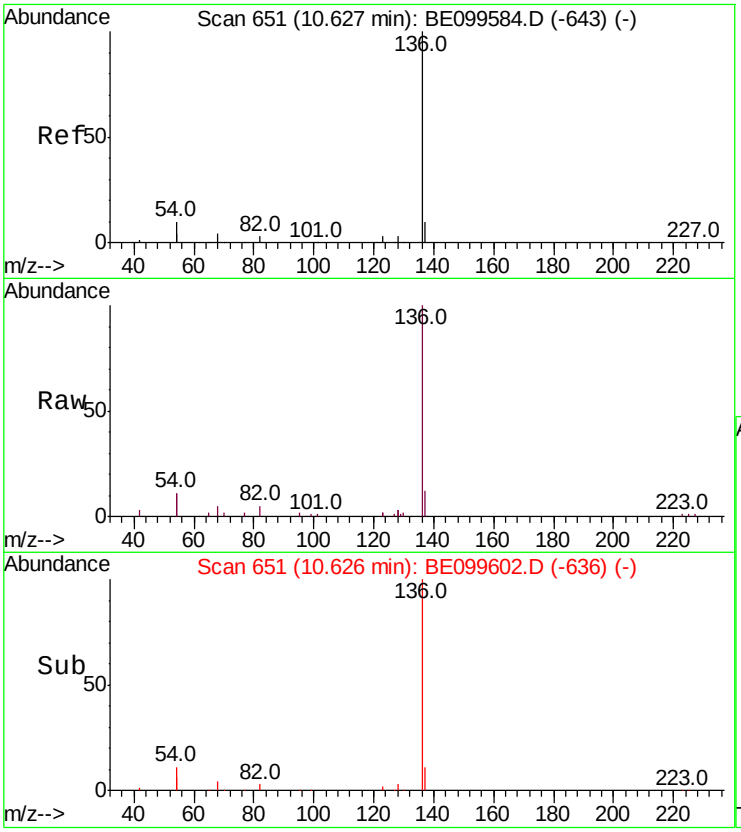


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion: 99 Resp: 782

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.8	20.8
71	38.7	32.2	48.4



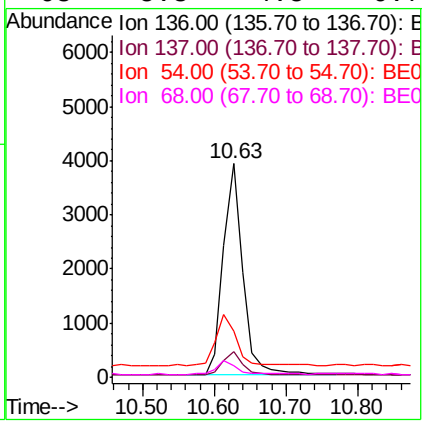


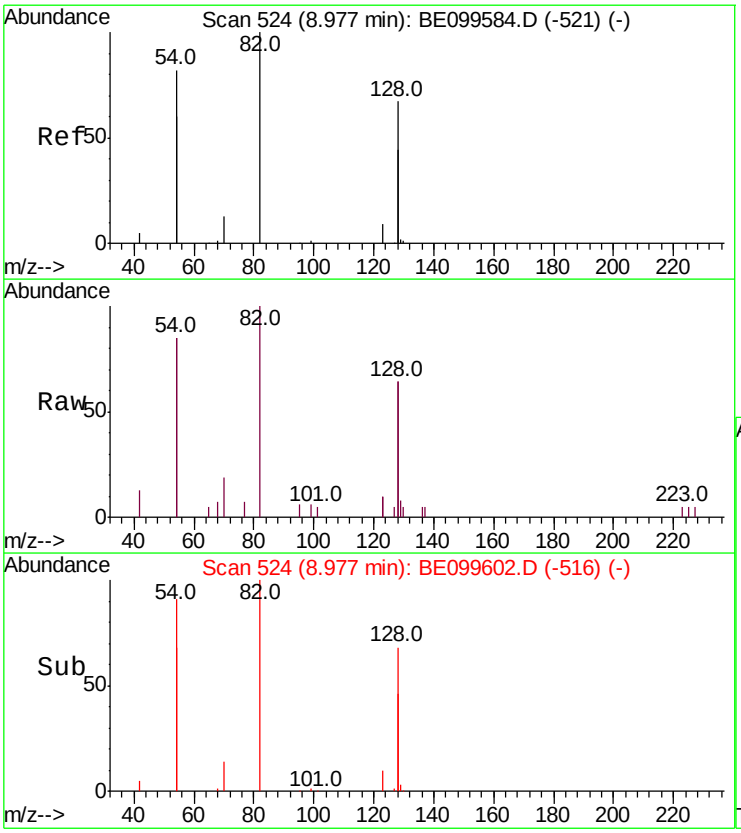
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:136 Resp: 7413

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	21.9	16.5	24.7
68	5.3	4.5	6.7

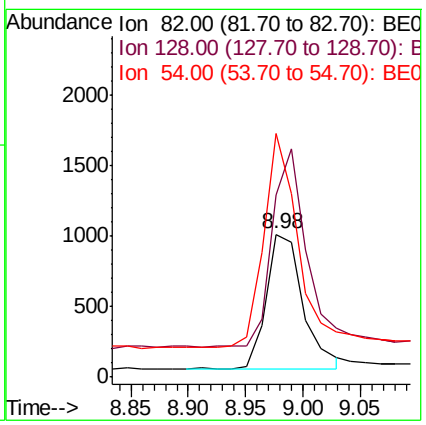


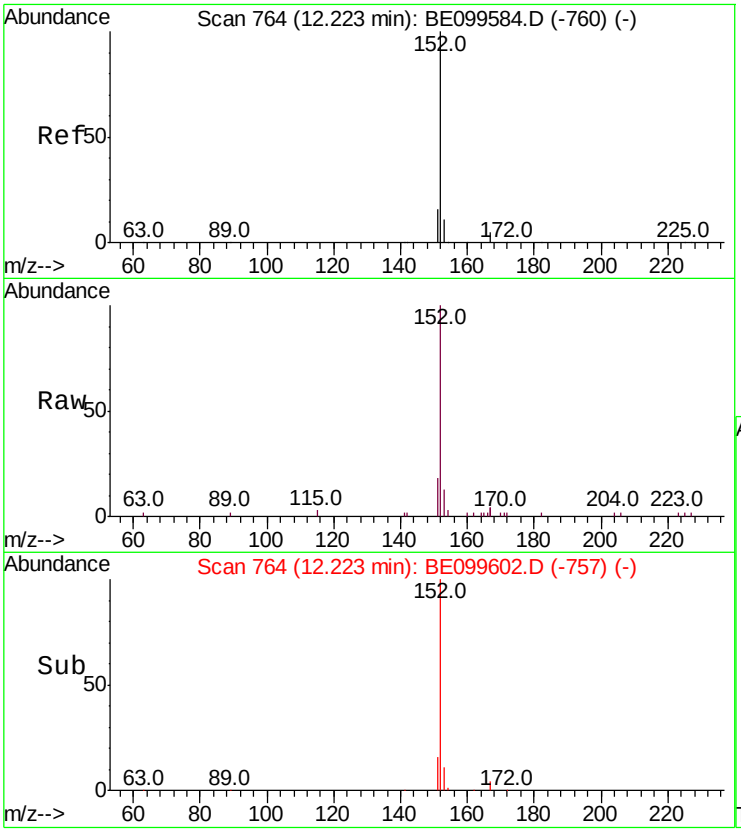


#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion: 82 Resp: 2161

Ion	Ratio	Lower	Upper
82	100		
128	127.6	101.5	152.3
54	170.7	123.8	185.6



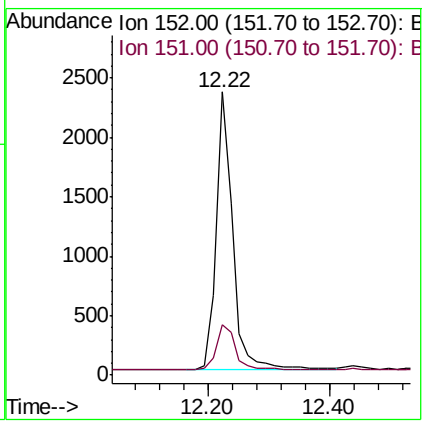


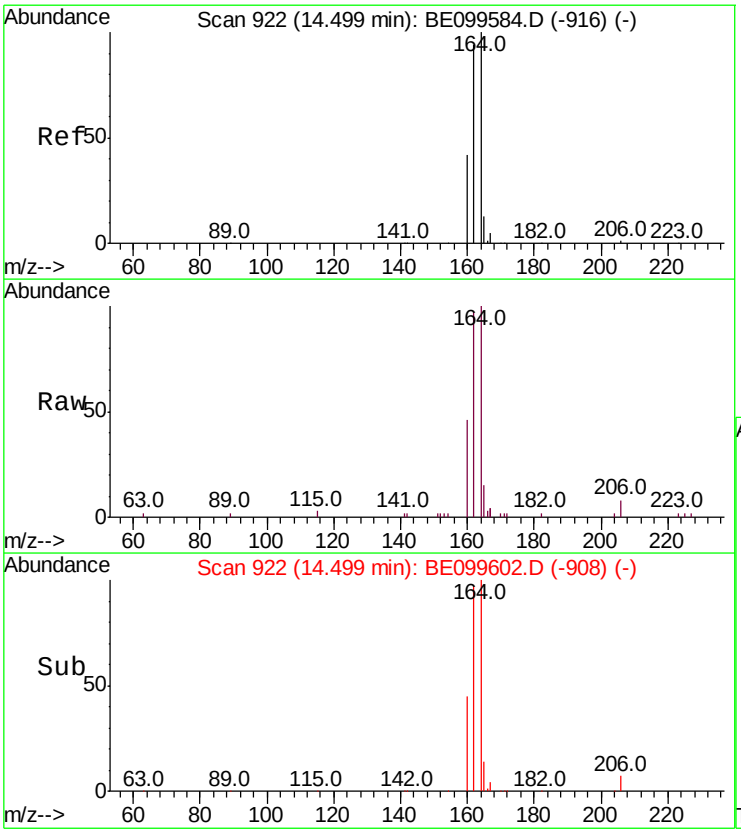
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:152 Resp: 4379

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2

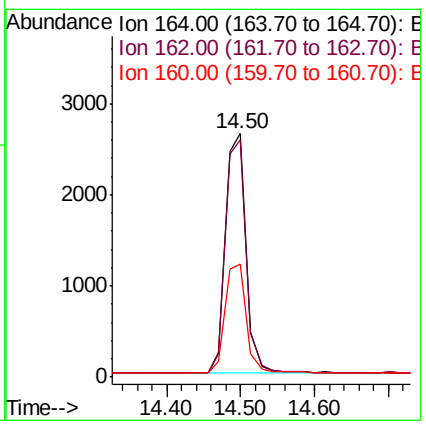


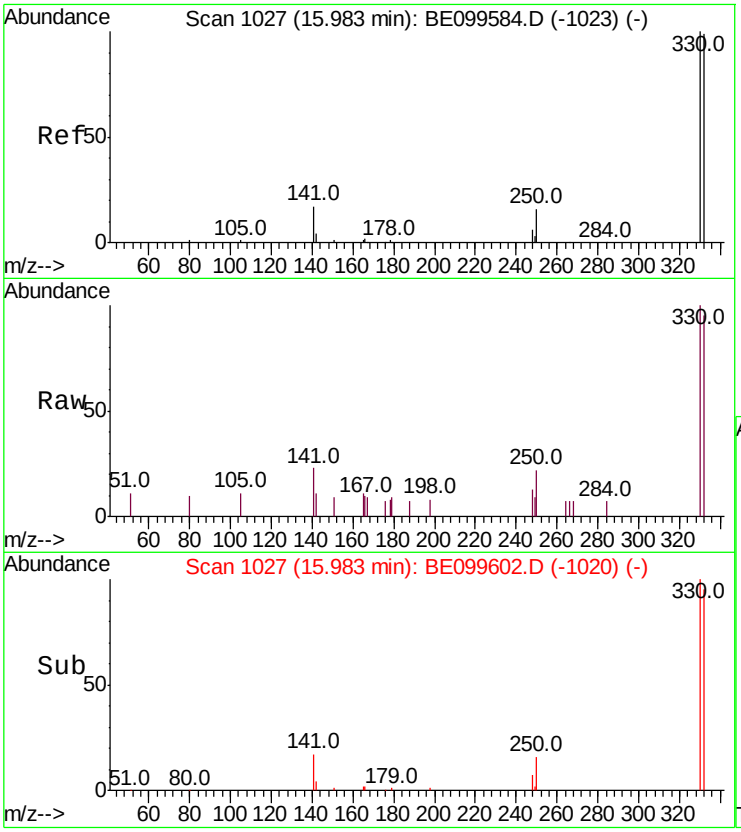


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:164 Resp: 5090

Ion	Ratio	Lower	Upper
164	100		
162	97.4	75.3	112.9
160	46.2	34.7	52.1



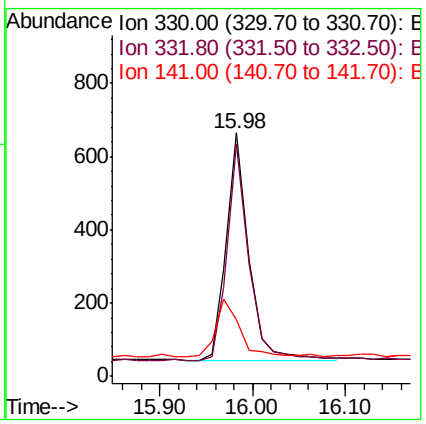


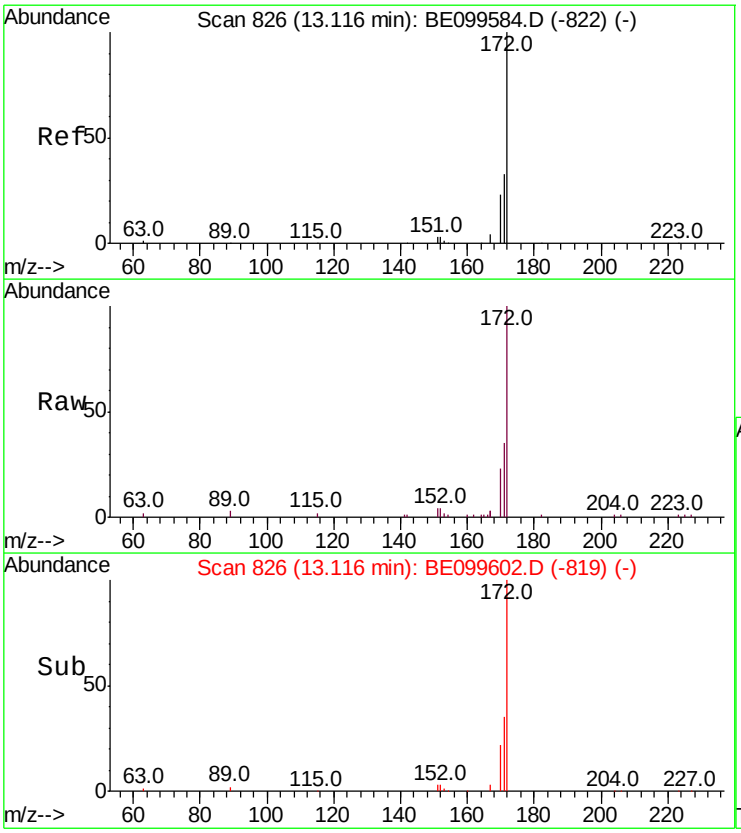
#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:330 Resp: 1039

Ion	Ratio	Lower	Upper
330	100		
332	92.3	78.7	118.1
141	25.7	22.3	33.5

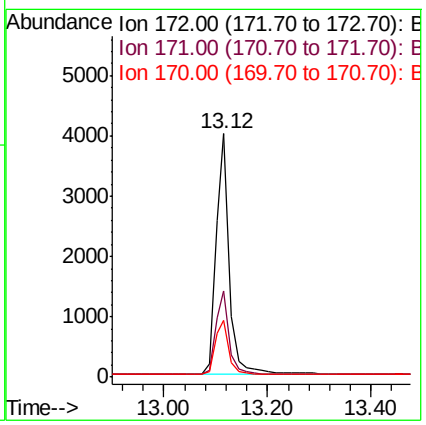


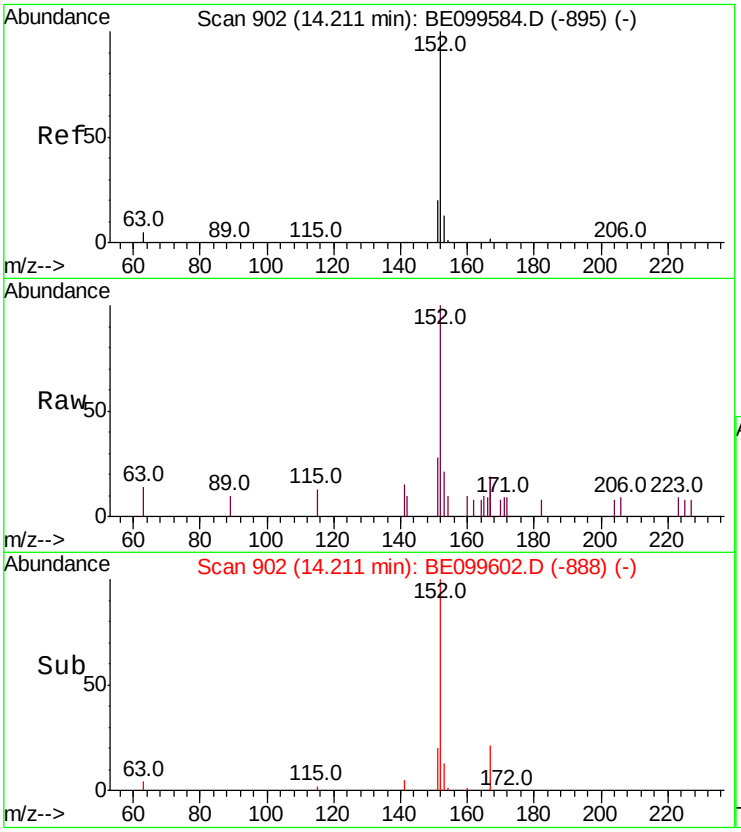


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:172 Resp: 7229

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	23.4	19.1	28.7



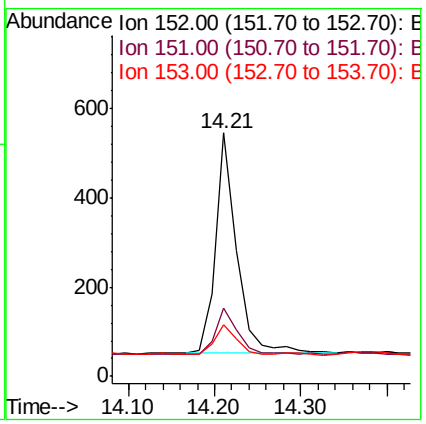


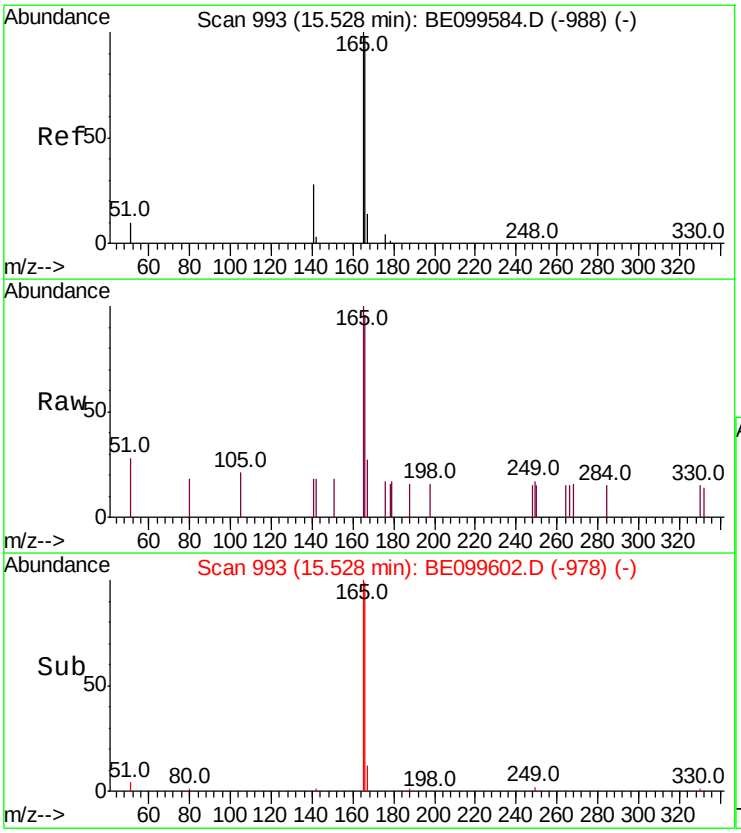
#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:152 Resp: 837

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.5	23.3
153	14.8	10.2	15.4

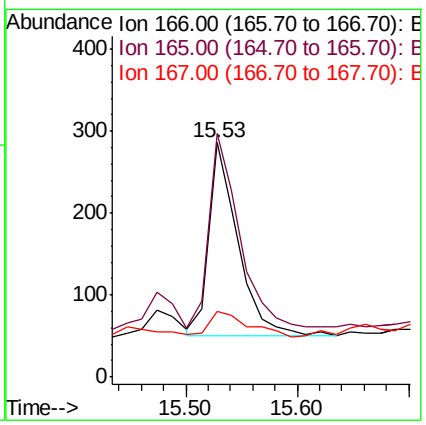


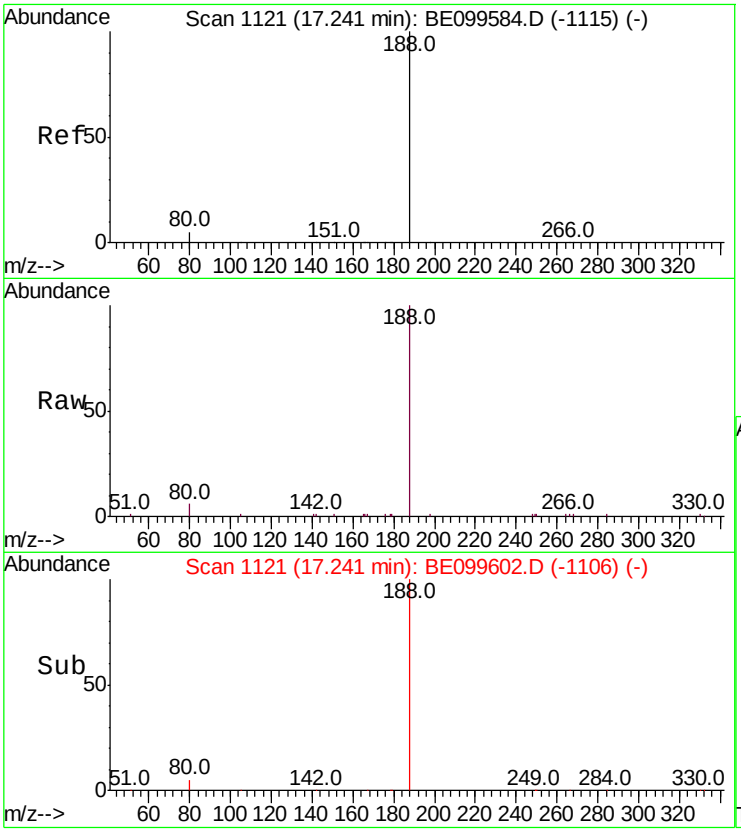


#18
Fluorene
Concen: 0.022 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:166 Resp: 428

Ion	Ratio	Lower	Upper
166	100		
165	105.1	80.5	120.7
167	17.8	11.6	17.4#



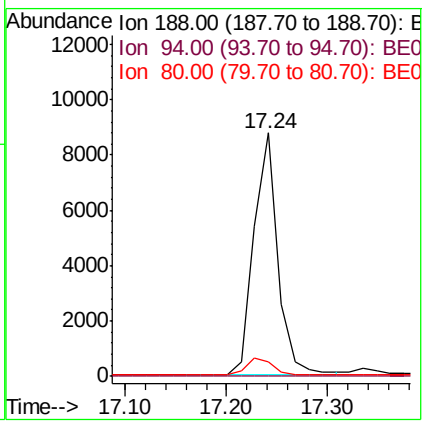


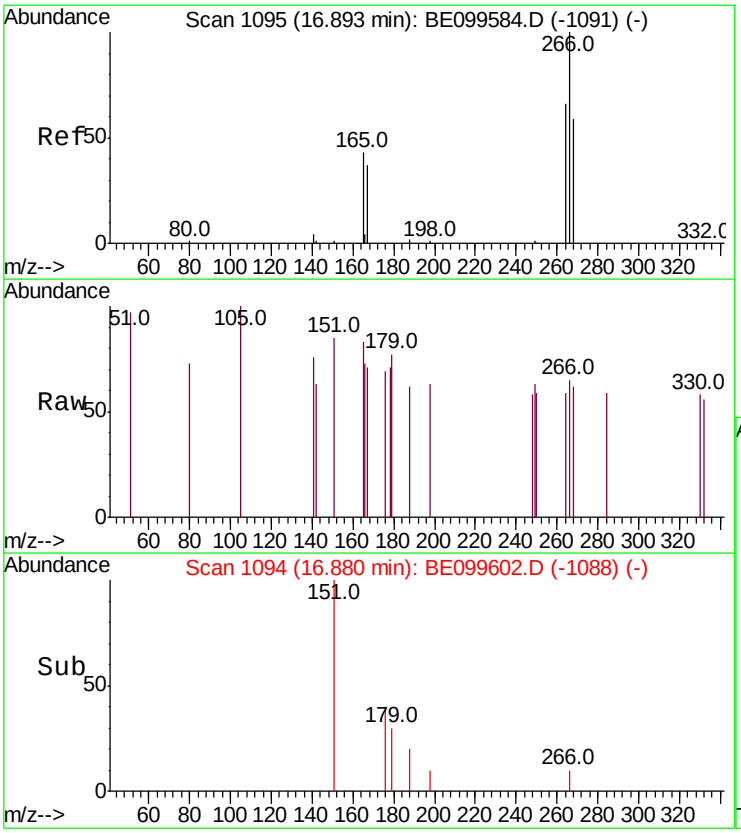
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:188 Resp: 14537

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	4.4	6.6

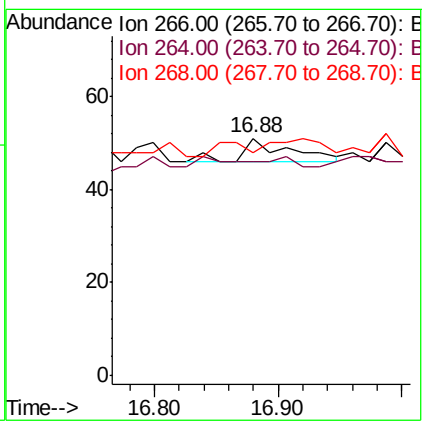


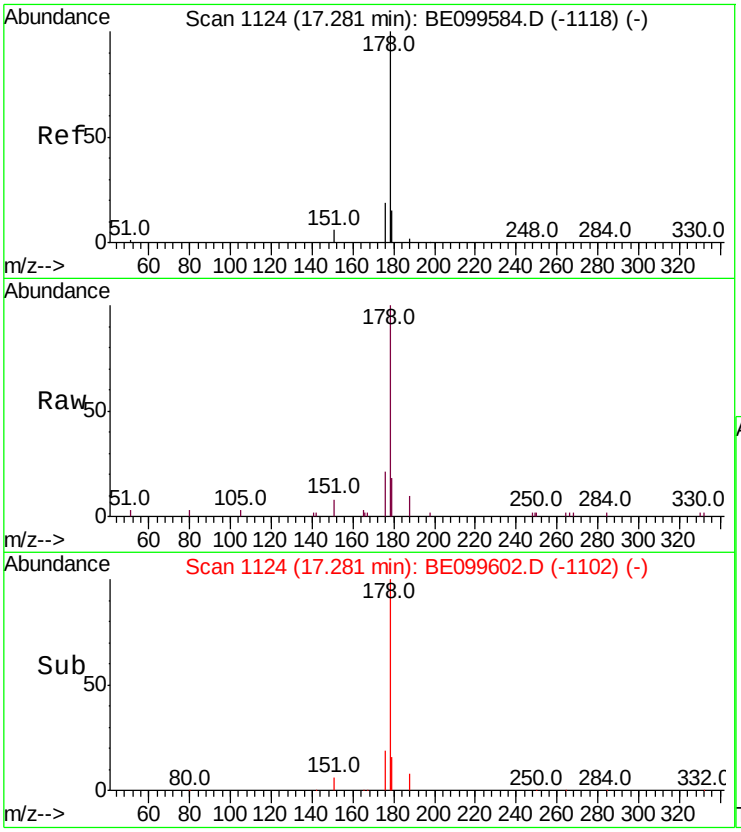


#22
Pentachlorophenol
Concen: 0.252 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	90.2	57.3	85.9#
268	94.1	53.5	80.3#



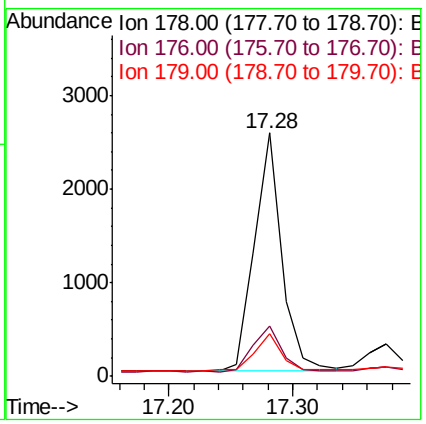


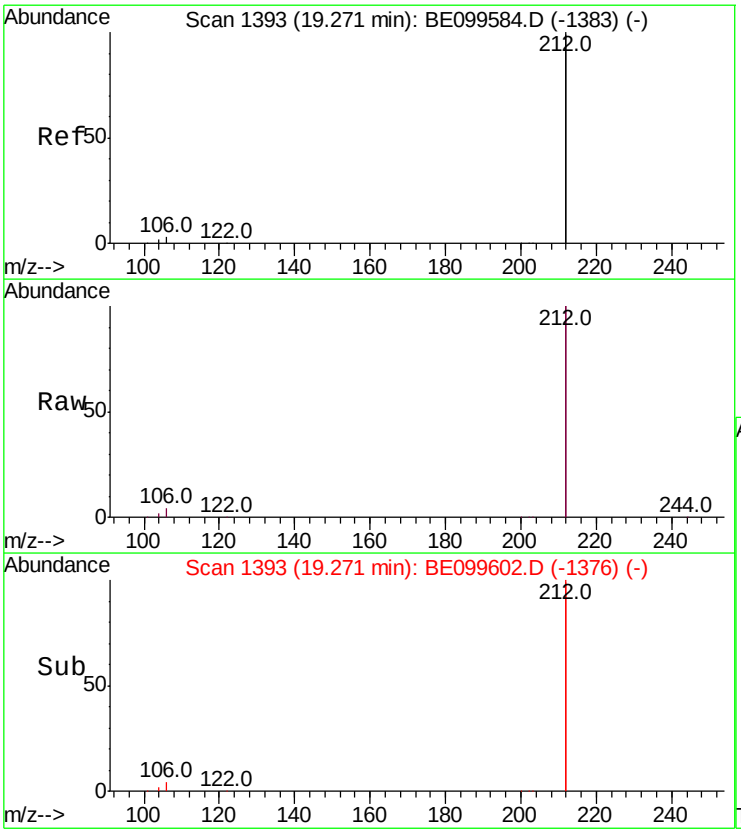
#23
Phenanthrene
Concen: 0.108 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:178 Resp: 3900

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.5	12.2	18.2

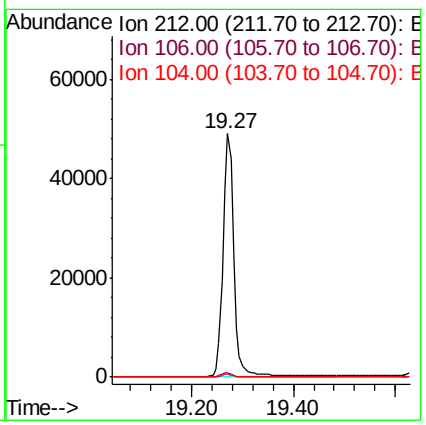


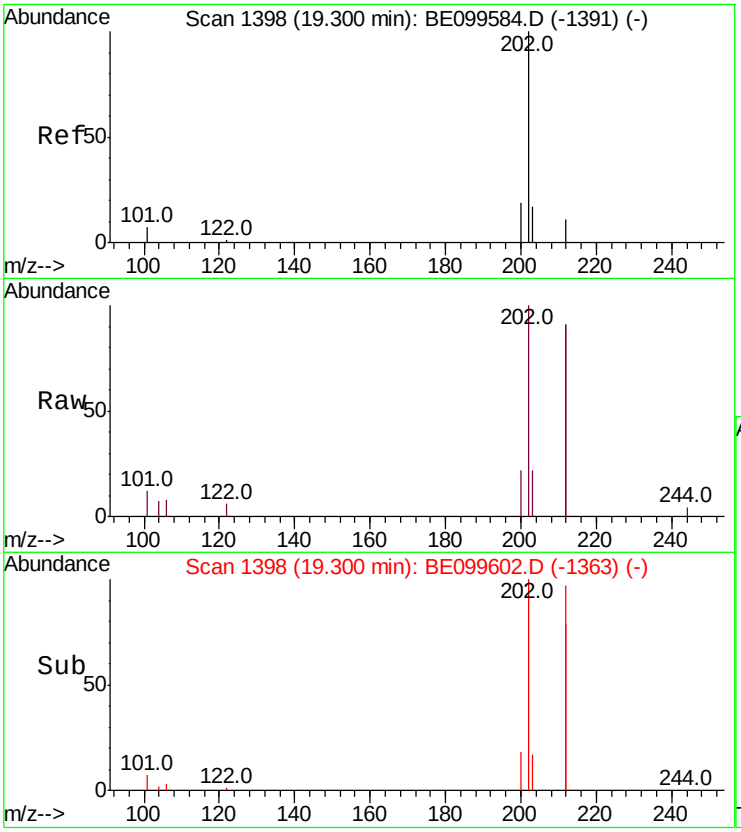


#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:212 Resp: 70947

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3



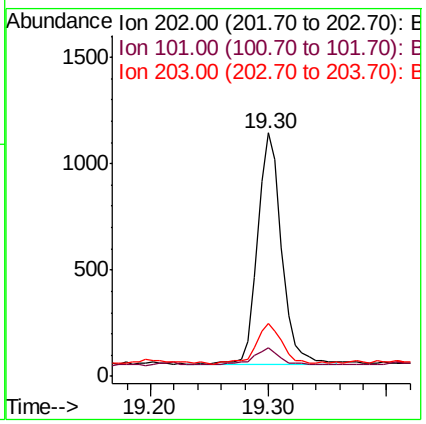


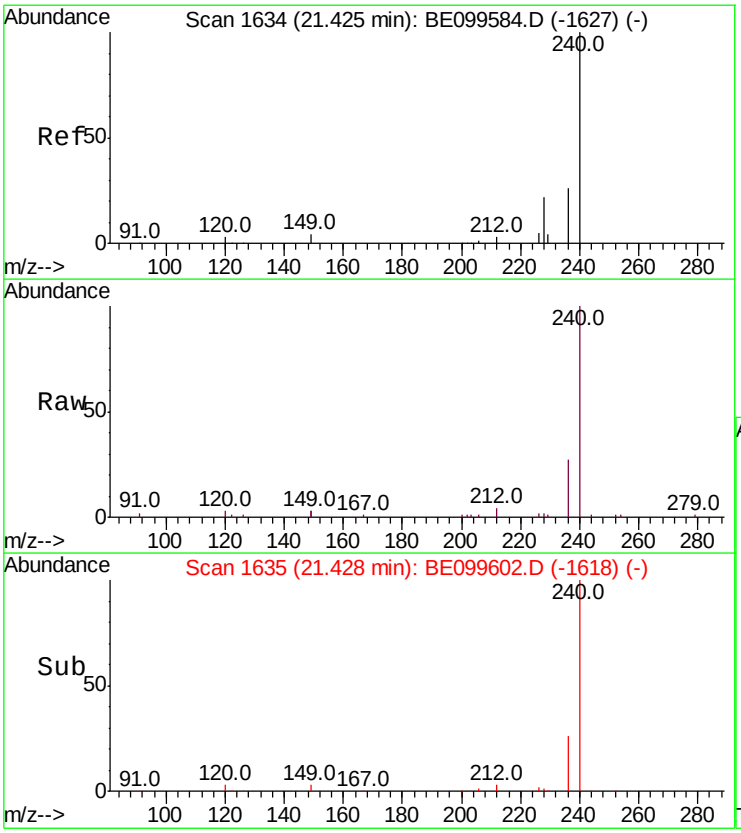
#26
Fluoranthene
Concen: 0.029 ng
RT: 19.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:202 Resp: 1563

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.4	8.2#
203	18.8	13.7	20.5

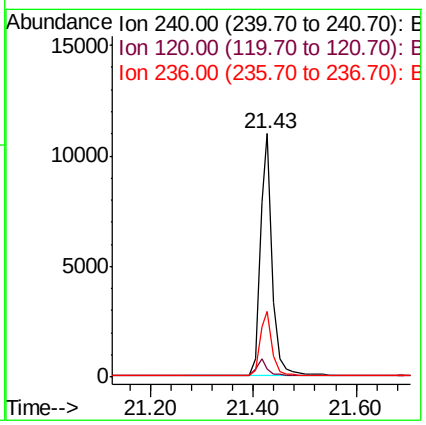


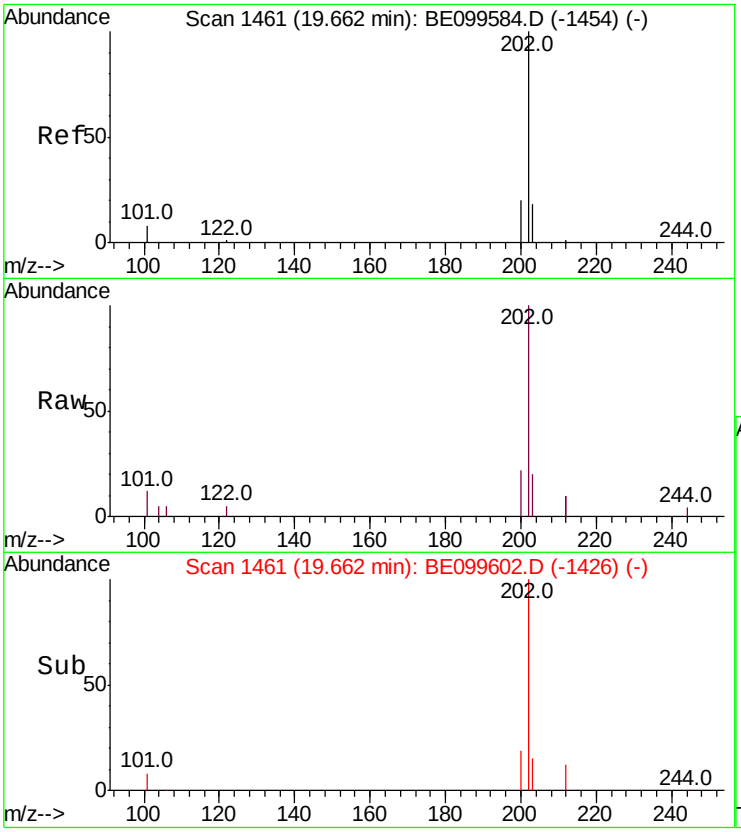


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:240 Resp: 17987

Ion	Ratio	Lower	Upper
240	100		
120	3.4	3.2	4.8
236	26.9	21.0	31.6



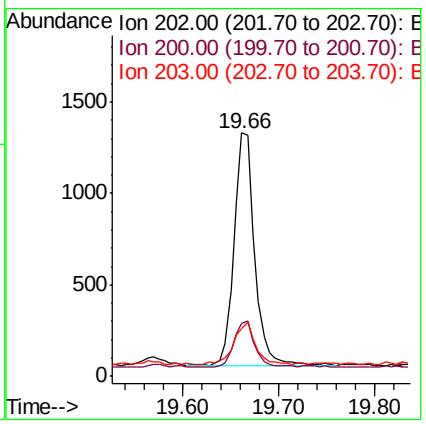


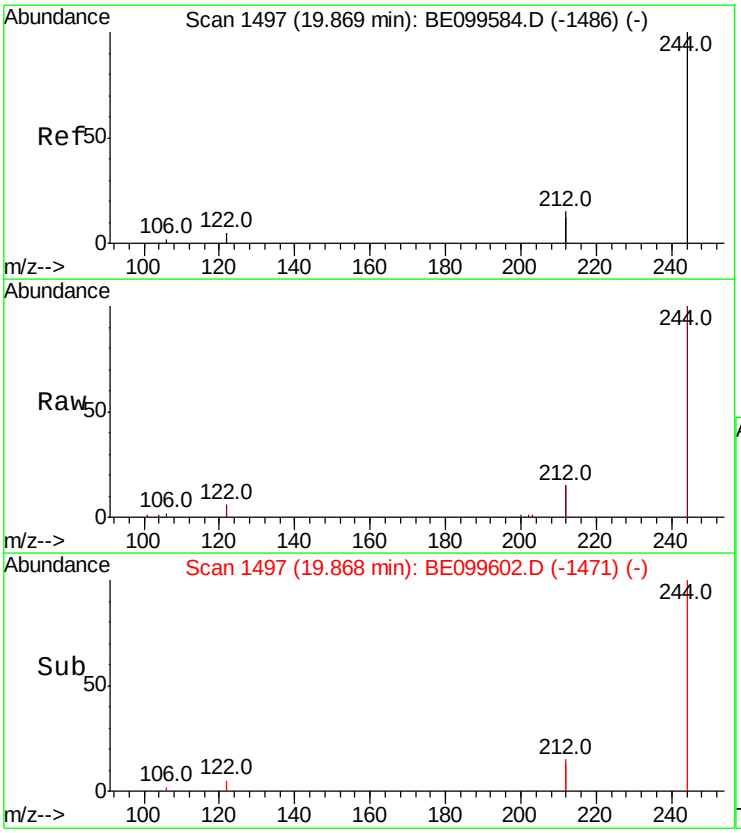
#28
Pyrene
Concen: 0.040 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:202 Resp: 1886

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.9	23.9
203	19.4	14.1	21.1

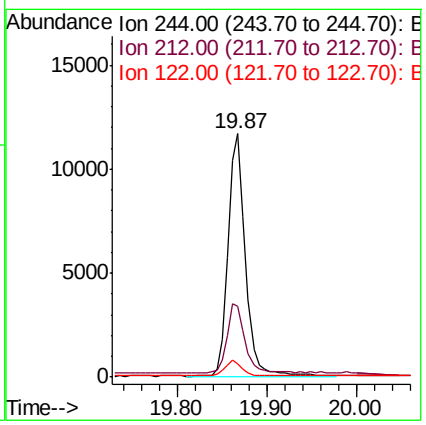


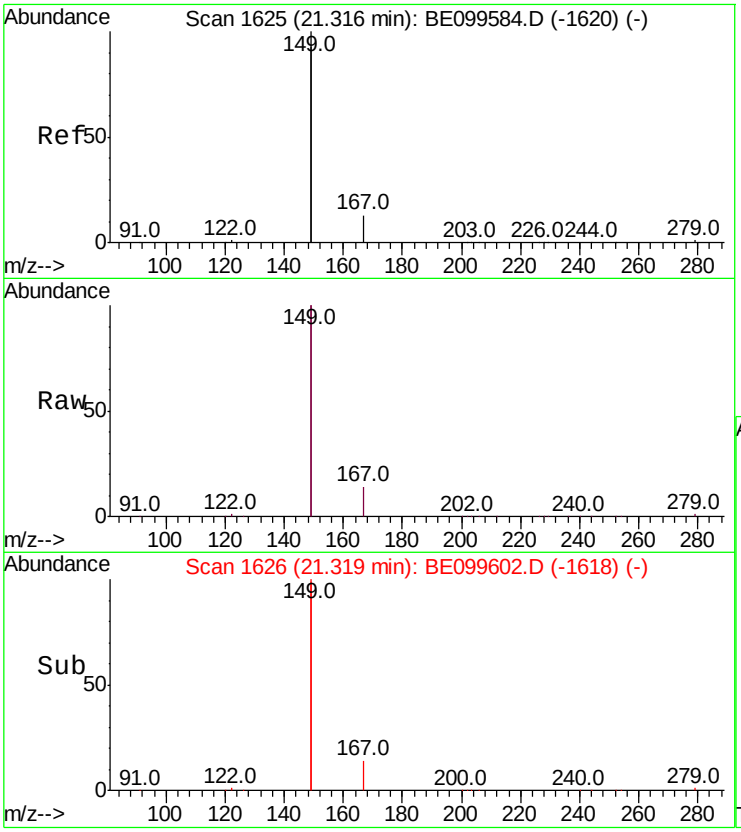


#29
Terphenyl-d14
Concen: 0.481 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:244 Resp: 15384

Ion	Ratio	Lower	Upper
244	100		
212	29.3	24.4	36.6
122	5.6	4.6	6.8



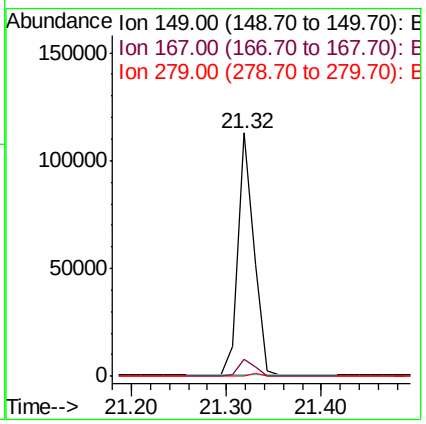


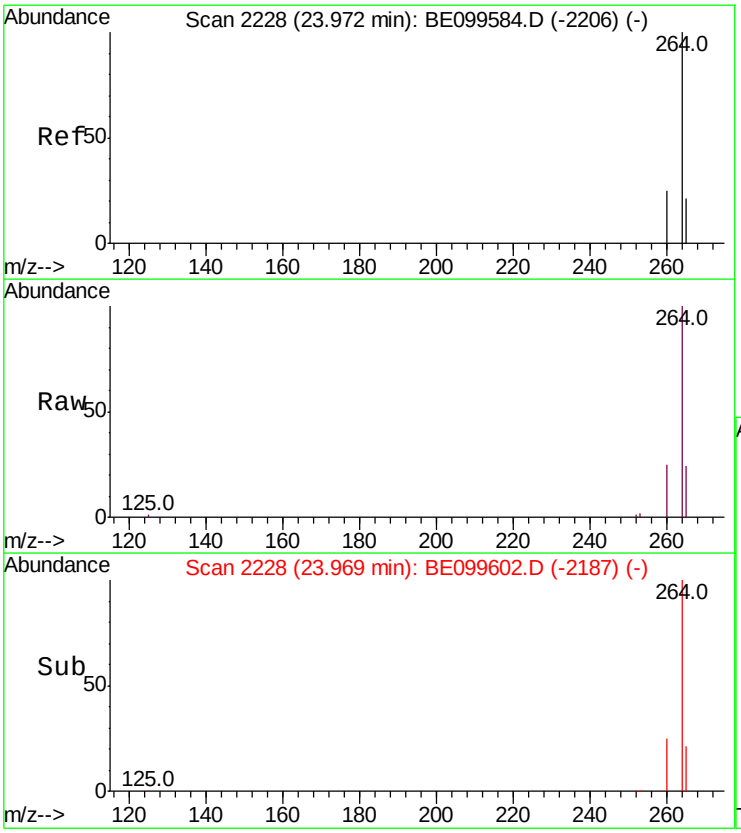
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.655 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion:149 Resp: 130654

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.3	1.1	1.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:264 Resp: 20879

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.3	30.5
265	24.5	20.9	31.3