Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098533.D
Acq On : 20 Dec 2018 11:22
Operator : SJ/JU
Sample : J6319-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 061_SW-N-1

Quant Time: Dec 20 13:29:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	645	0.40	ng		-0.01
7) Naphthalene-d8	10.64	136	3099	0.40	ng		-0.03
13) Acenaphthene-d10	14.51	164	2426	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	7794	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	11494	0.40	ng		-0.01
34) Perylene-d12	23.98	264	9834	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	489	0.32	ng		0.00
5) Phenol-d6	7.03	99	493	0.23	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1015	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2197	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	735	0.83	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	5271	0.52	ng		-0.01
25) Fluoranthene-d10	19.29	212	50747	0.51	ng		-0.02
29) Terphenyl-d14	19.89	244	15456	0.55	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.69	128	20666	0.663	ng	#	97
12) 2-Methylnaphthalene	12.33	142	1191	0.235	ng	#	90
17) Acenaphthene	14.57	154	7510	1.100	ng		97
18) Fluorene	15.55	166	9944	1.088	ng		99
23) Phenanthrene	17.30	178	25622	1.353	ng		100
24) Anthracene	17.40	178	10852	0.643	ng	#	83
26) Fluoranthene	19.32	202	47859	1.910	ng		98
28) Pyrene	19.68	202	46213	1.281	ng	#	95
30) Benzo(a)anthracene	21.43	228	3029	0.093	ng	#	86
31) Chrysene	21.49	228	2937	0.086	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.35	149	514901	7.746	ng		99

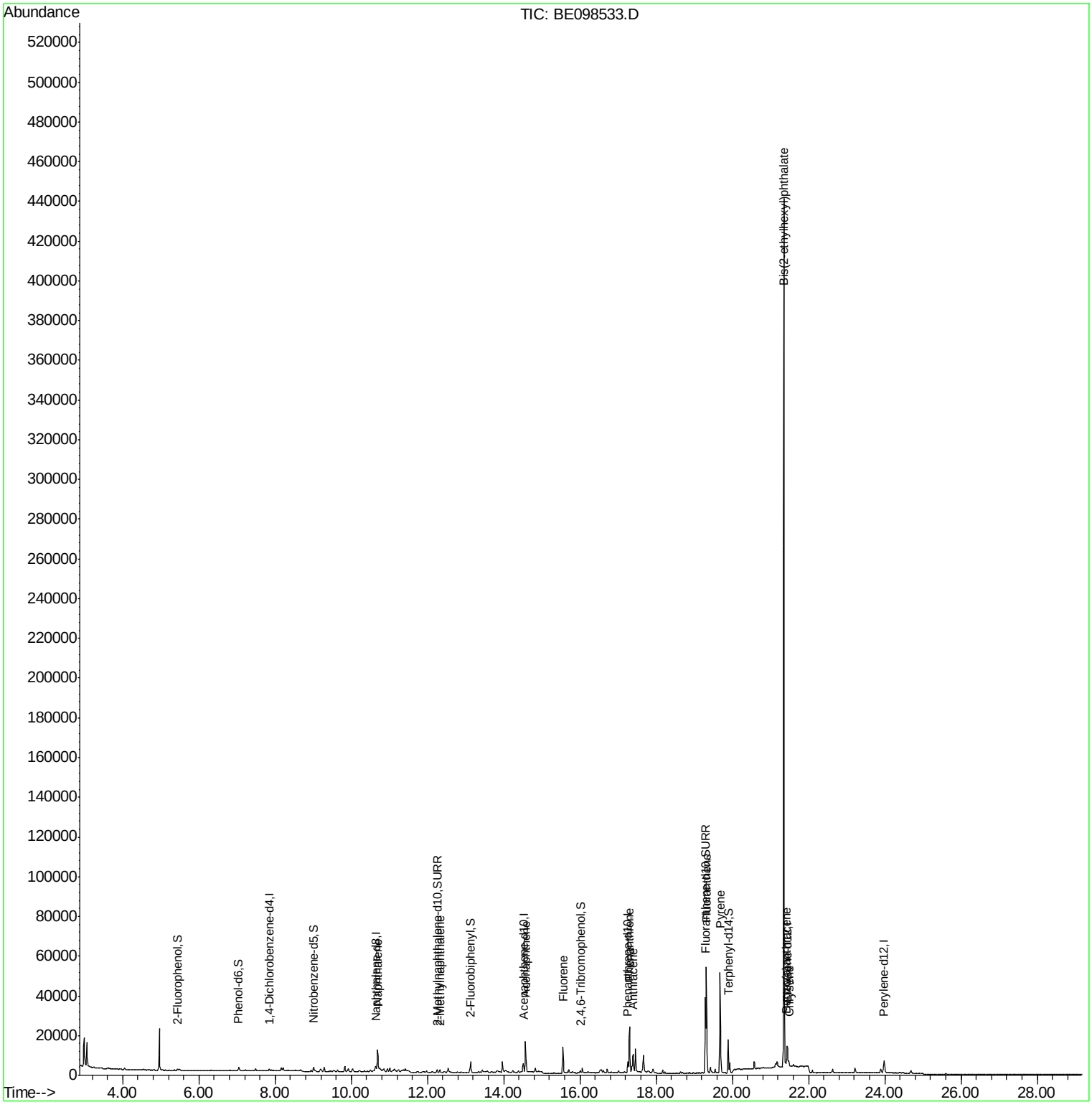
(#) = qualifier out of range (m) = manual integration (+) = signals summed

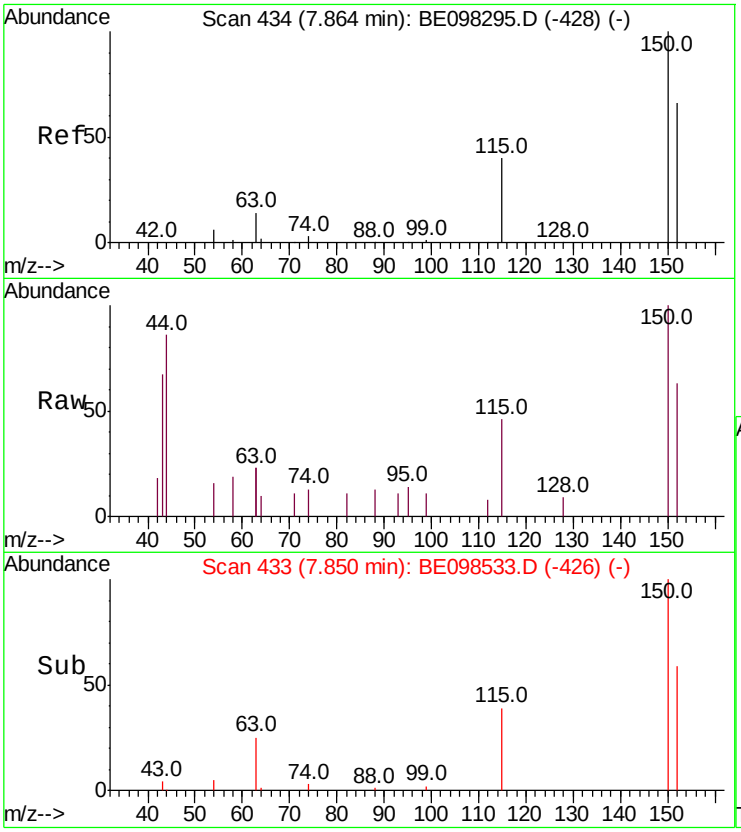
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098533.D
Acq On : 20 Dec 2018 11:22
Operator : SJ/JU
Sample : J6319-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Quant Time: Dec 20 13:29:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



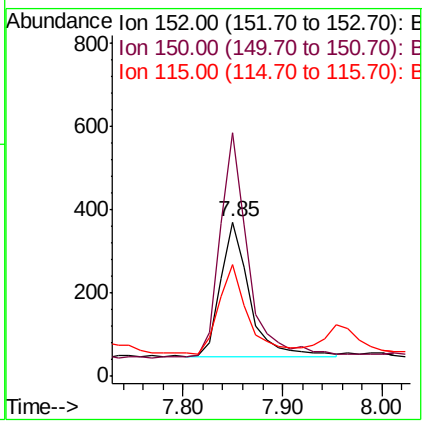


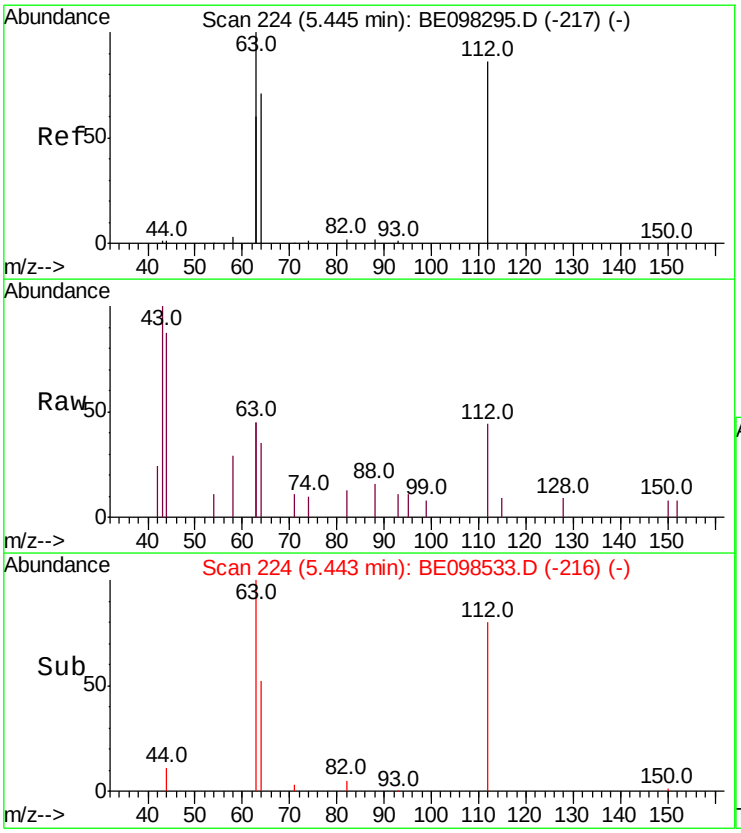
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:152 Resp: 645

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.4
115	72.2	53.9	80.9

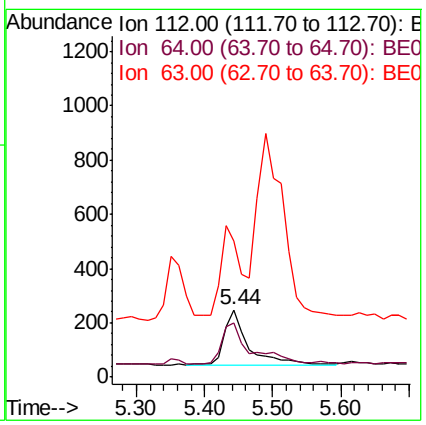


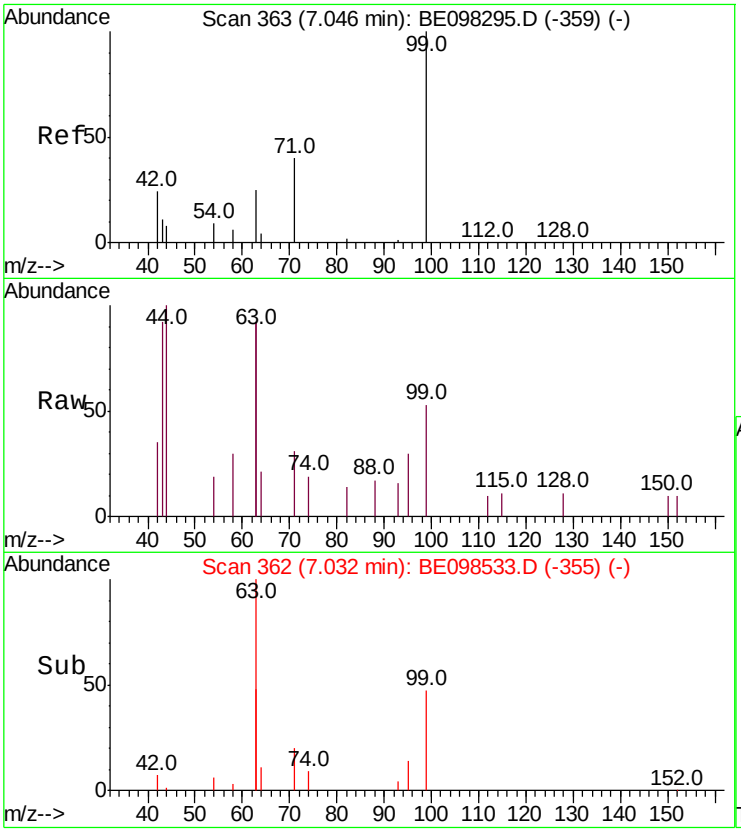


#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:112 Resp: 489

Ion	Ratio	Lower	Upper
112	100		
64	85.7	59.8	89.8
63	140.7	133.7	200.5



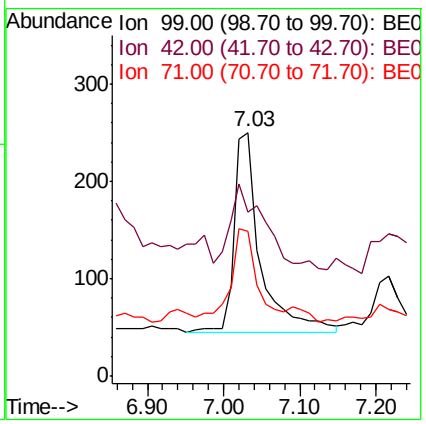


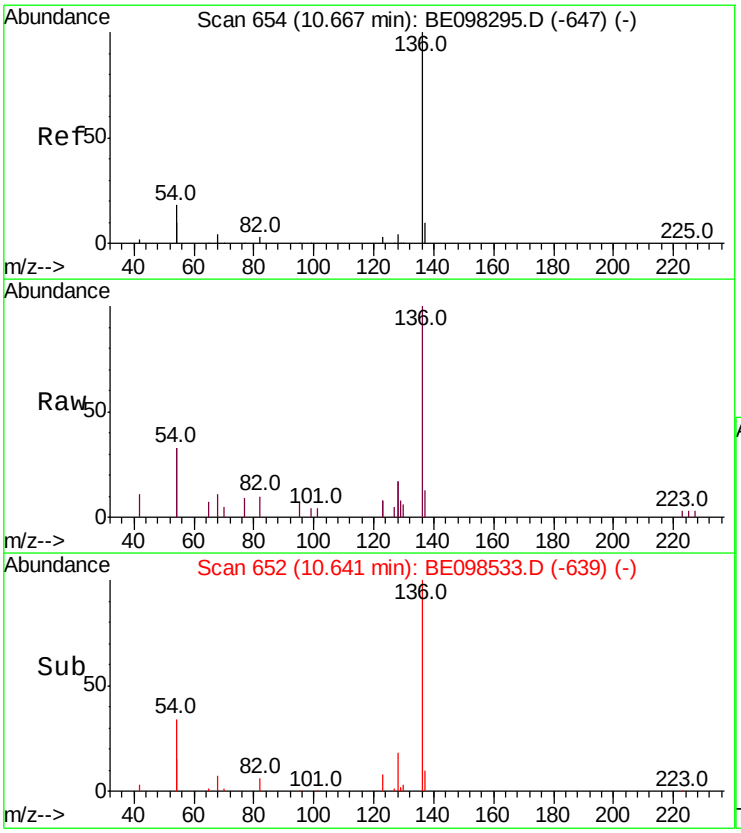
#5
Phenol-d6
Concen: 0.231 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion: 99 Resp: 493

Ion	Ratio	Lower	Upper
99	100		
42	56.8	26.3	39.5#
71	40.2	33.6	50.4

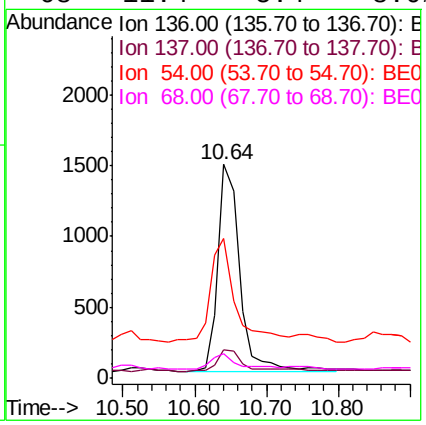


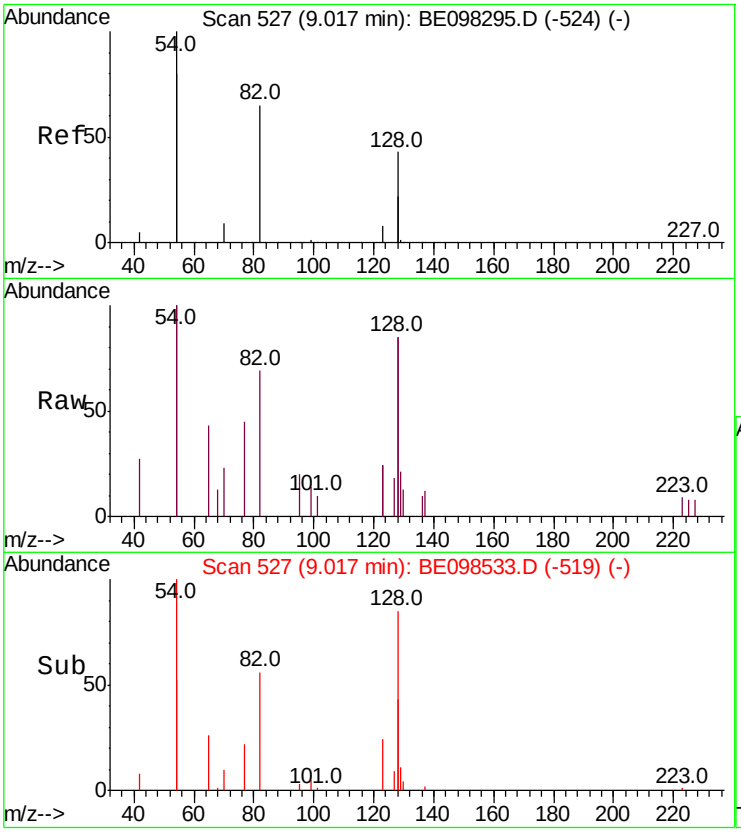


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.03 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:136 Resp: 3099

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	65.2	28.4	42.6#
68	11.4	5.4	8.0#



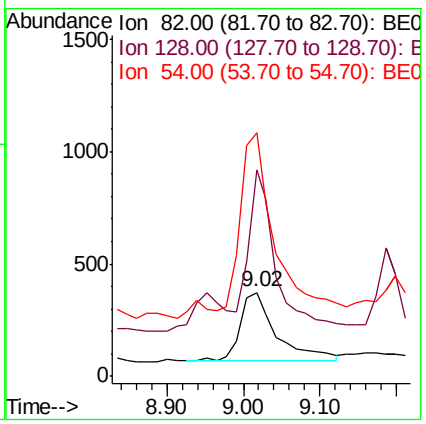


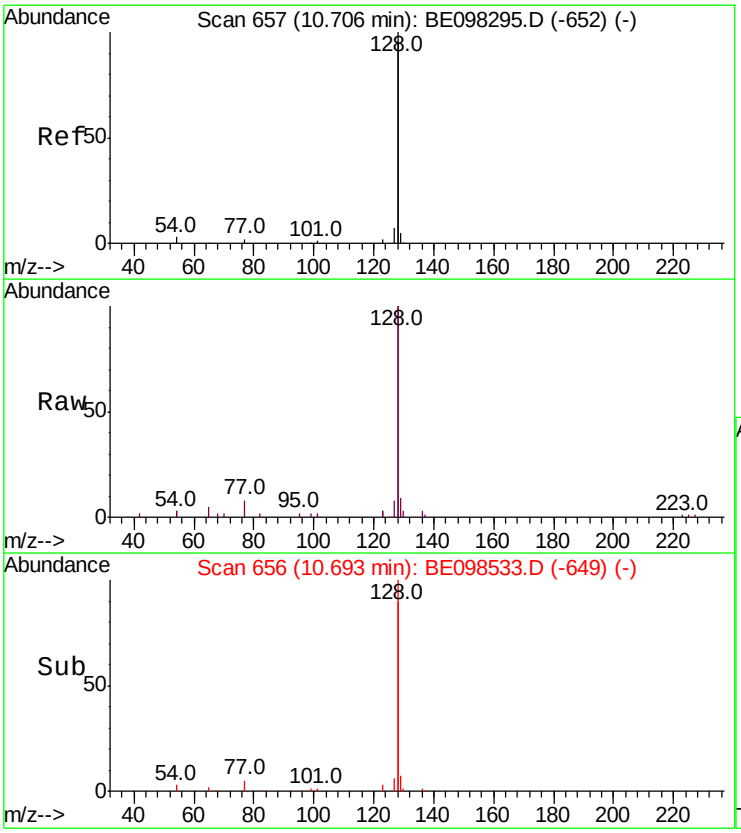
#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion: 82 Resp: 1015

Ion	Ratio	Lower	Upper
82	100		
128	247.3	102.4	153.6#
54	291.4	221.8	332.8

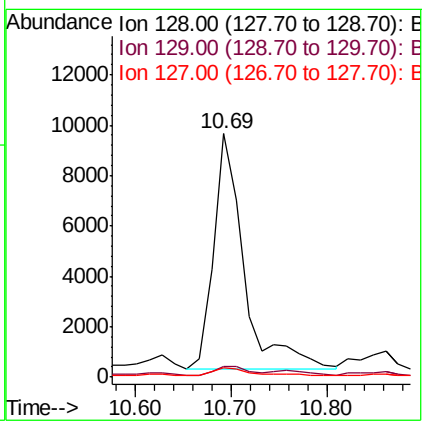


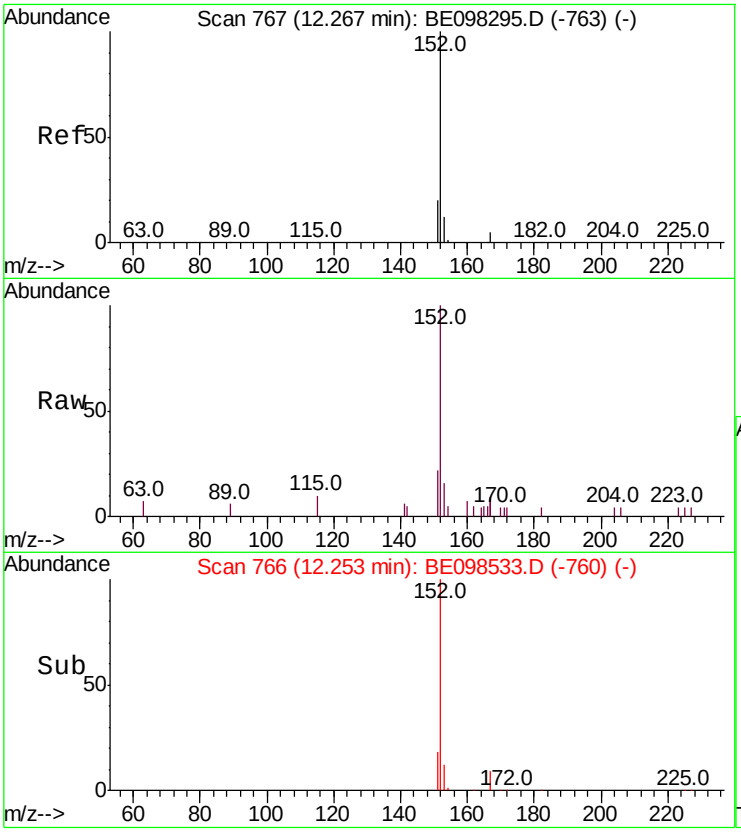


#9
Naphthalene
Concen: 0.663 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:128 Resp: 20666

Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.5	3.7#
127	3.8	2.7	4.1



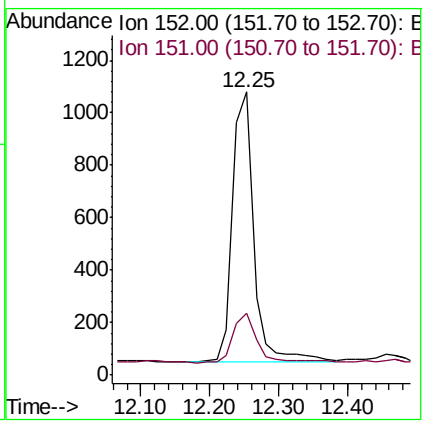


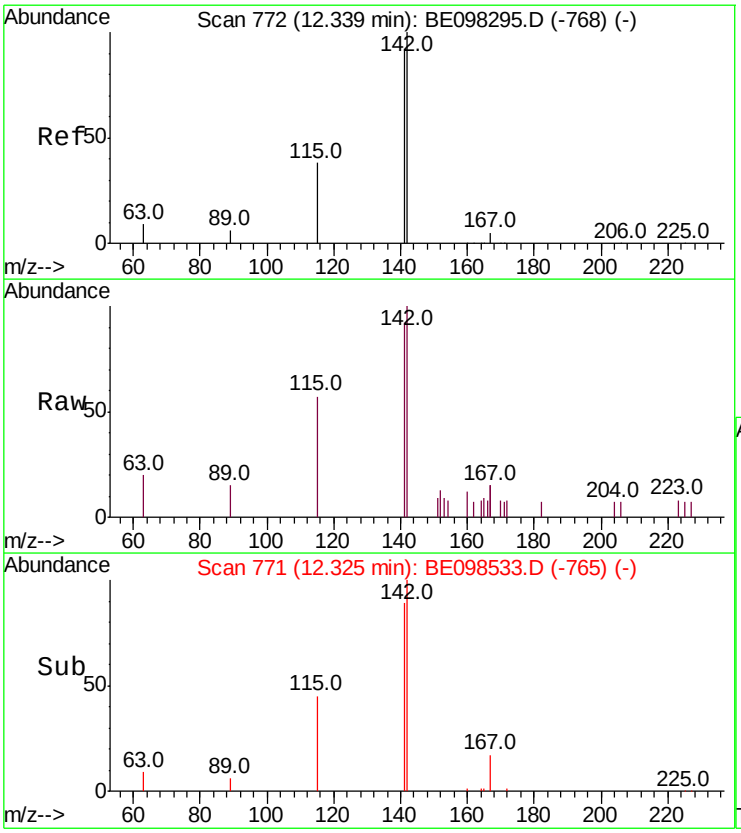
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:152 Resp: 2197

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

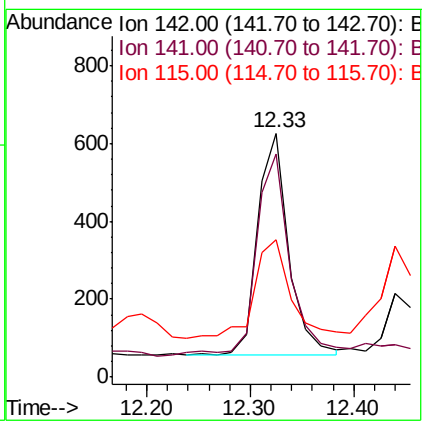


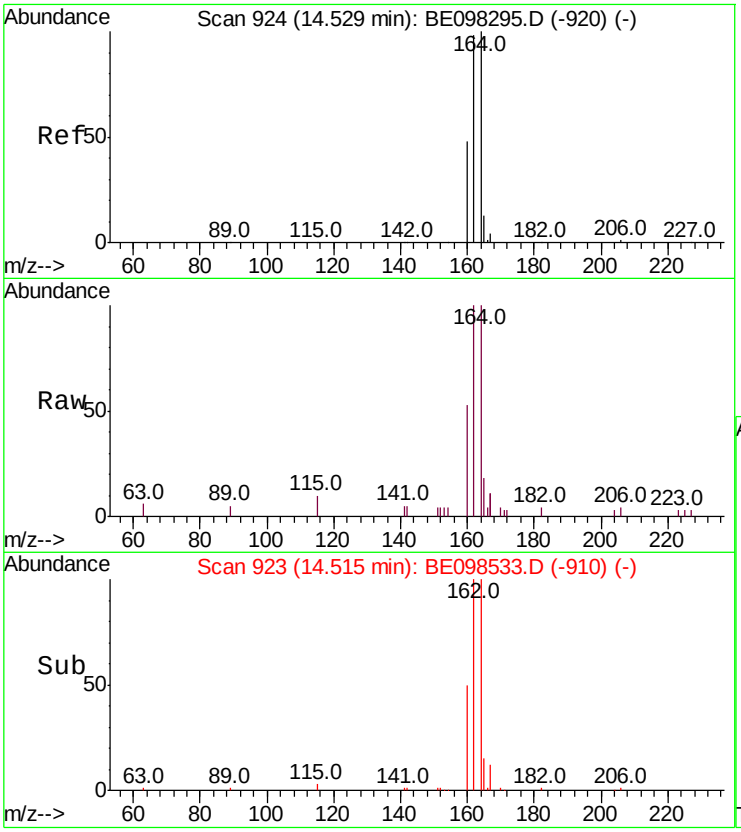


#12
2-Methylnaphthalene
Concen: 0.235 ng
RT: 12.33 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:142 Resp: 1191

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.0	106.6
115	56.5	32.2	48.2#



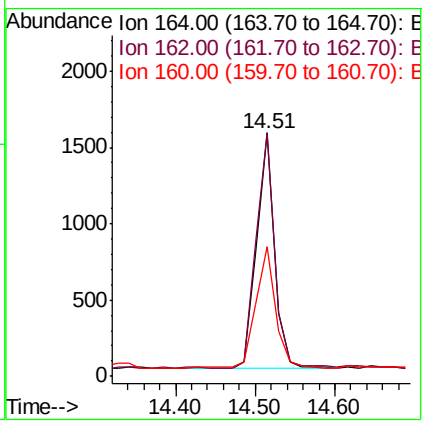


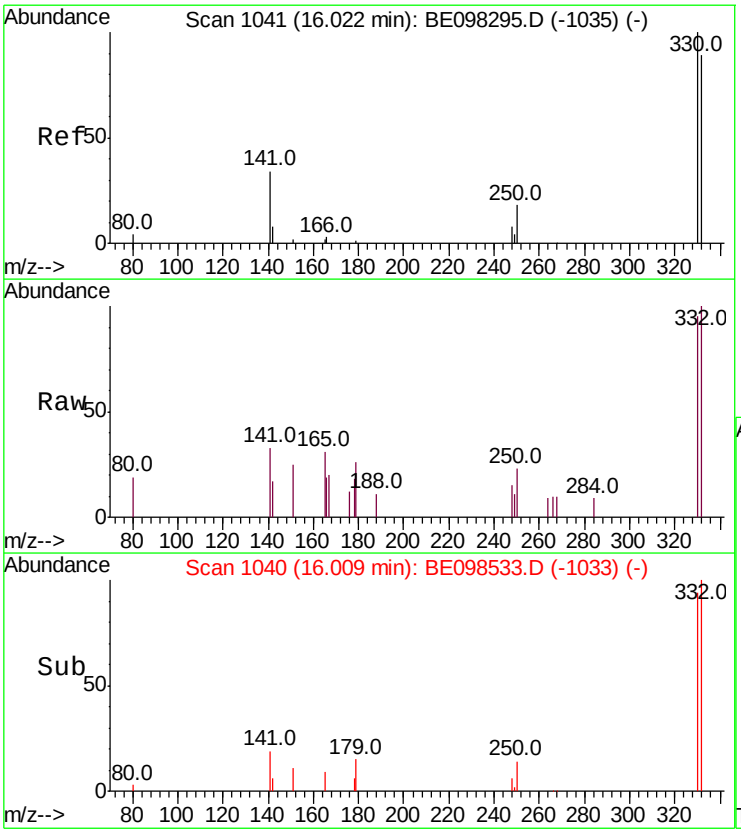
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:164 Resp: 2426

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.6	116.4
160	53.3	36.0	54.0

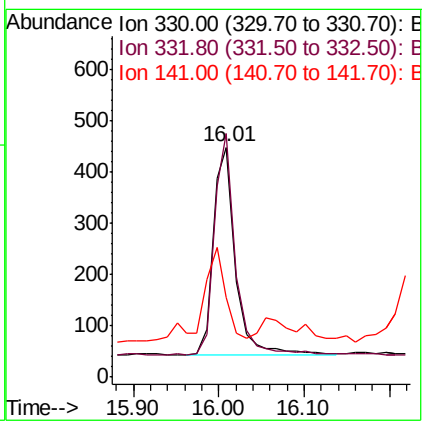


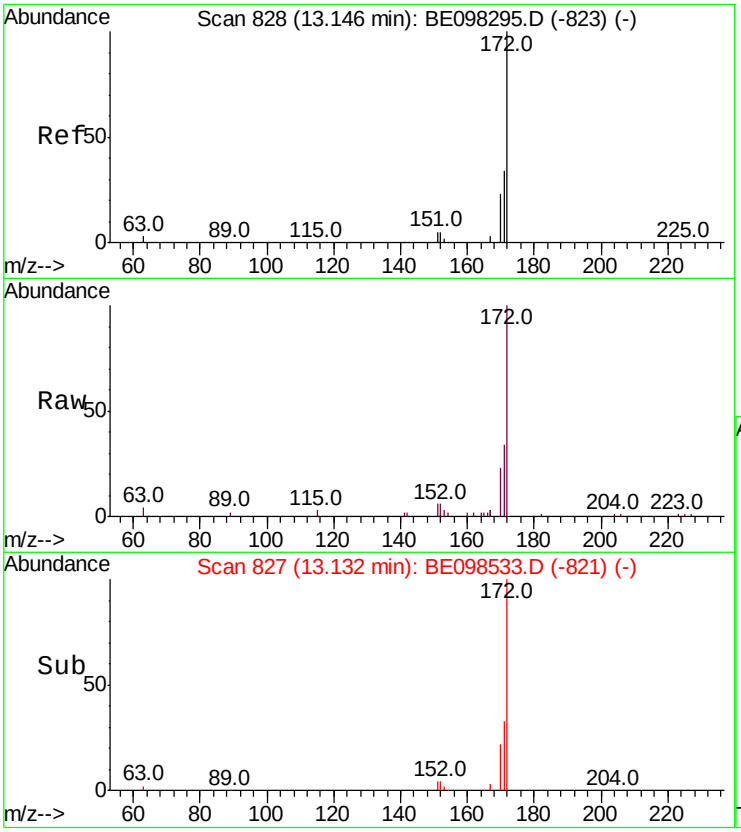


#14
2,4,6-Tribromophenol
Concen: 0.825 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:330 Resp: 735

Ion	Ratio	Lower	Upper
330	100		
332	102.4	76.2	114.4
141	43.0	39.0	58.4



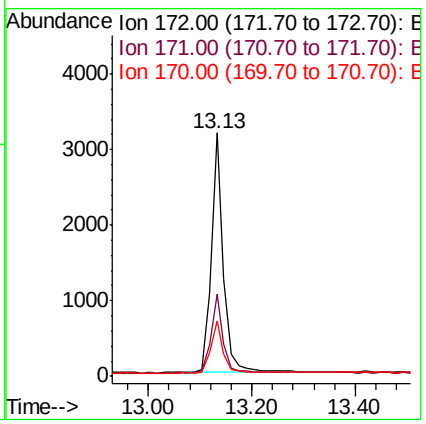


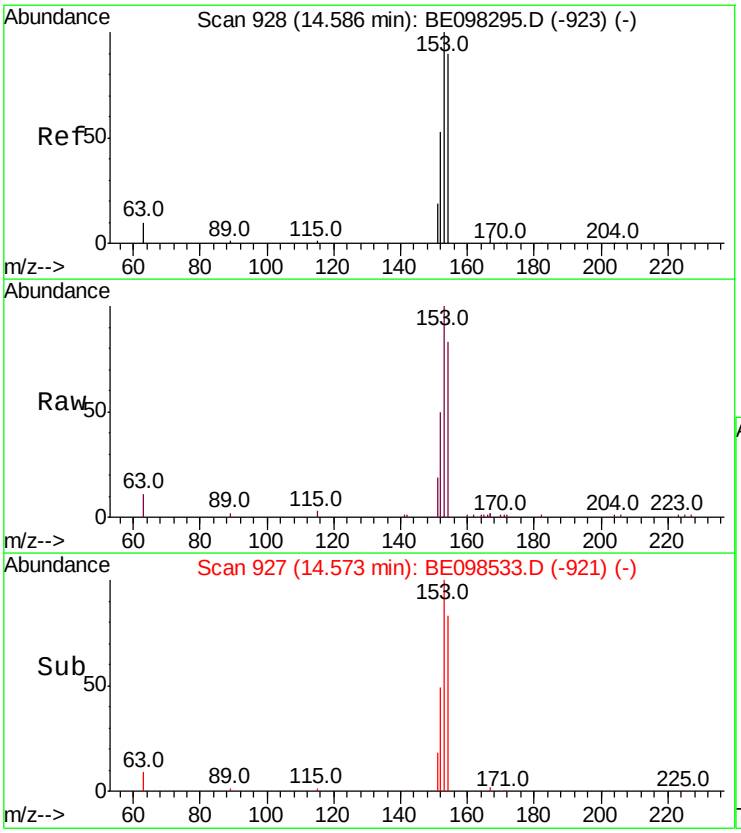
#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:172 Resp: 5271

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.5	41.3
170	22.8	19.6	29.4

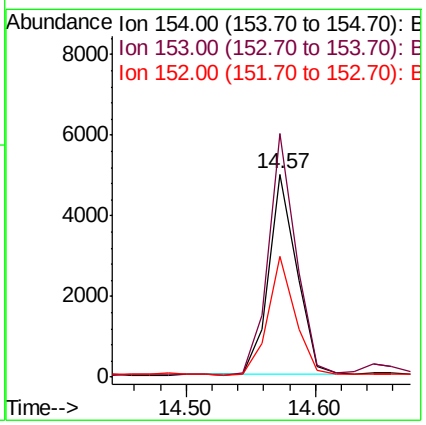


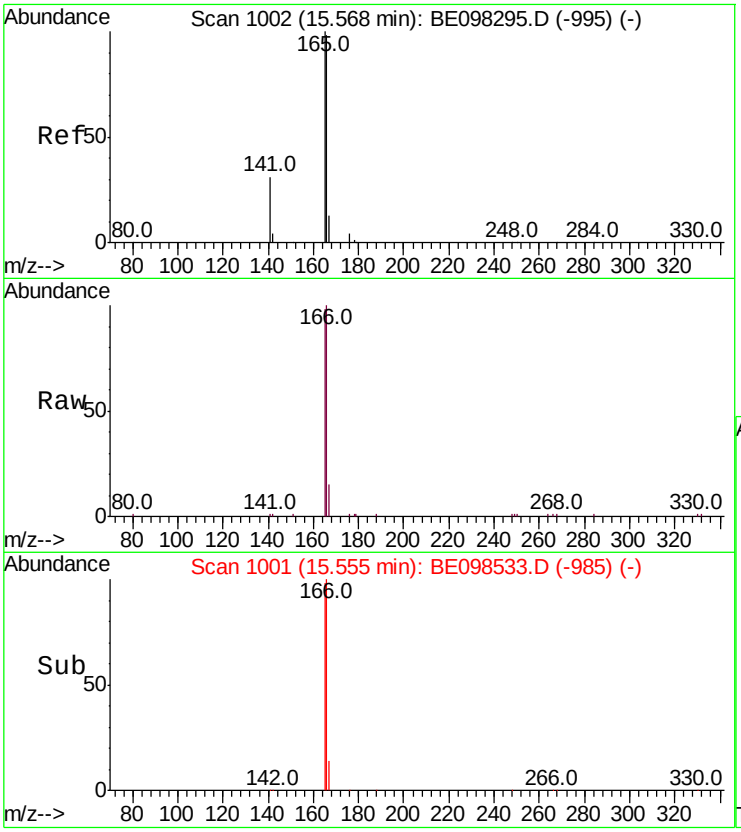


#17
Acenaphthene
Concen: 1.100 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:154 Resp: 7510

Ion	Ratio	Lower	Upper
154	100		
153	118.6	91.8	137.6
152	58.2	45.5	68.3



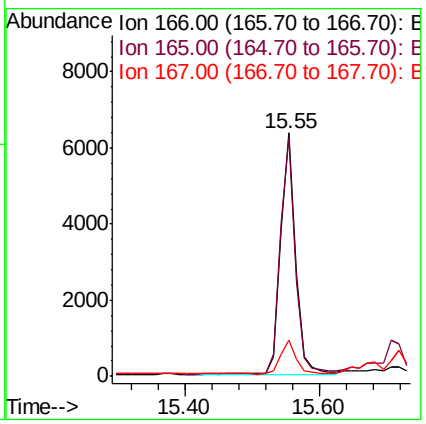


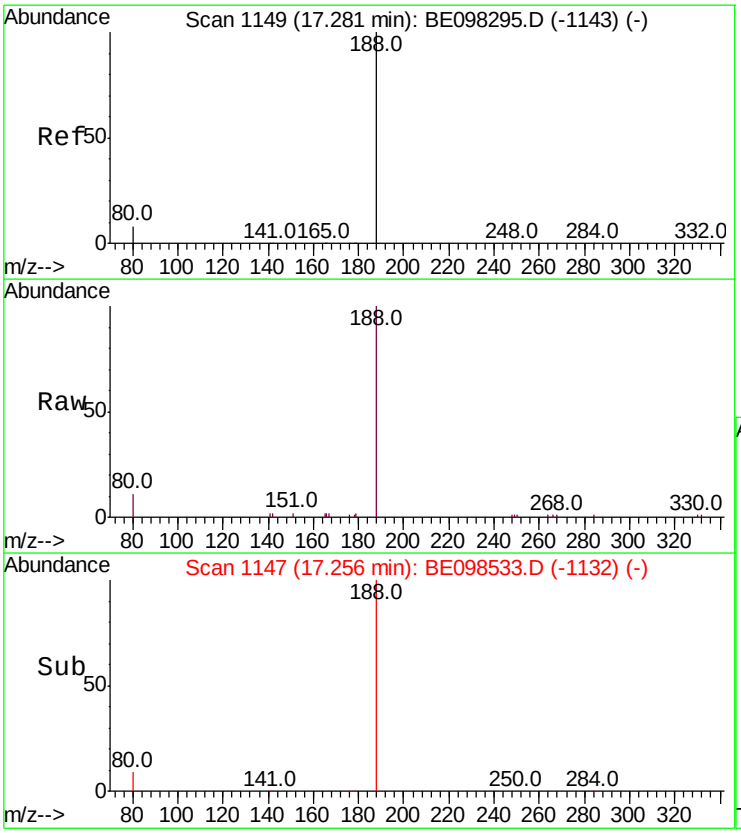
#18
Fluorene
Concen: 1.088 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:166 Resp: 9944

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.3	118.9
167	14.5	11.3	16.9

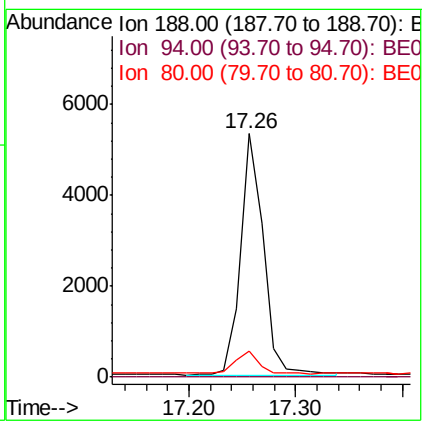


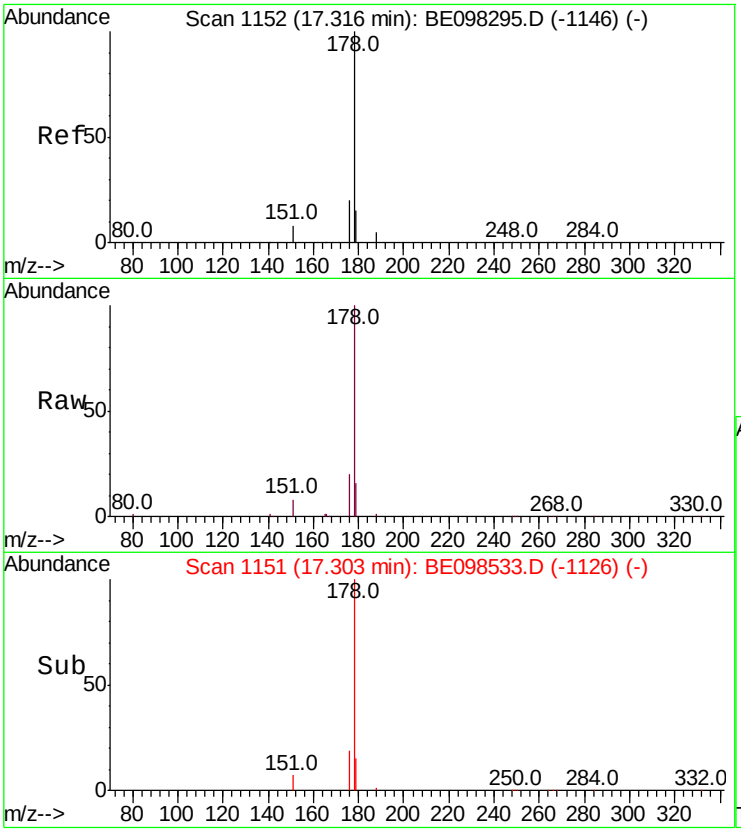


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:188 Resp: 7794

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	7.2	10.8



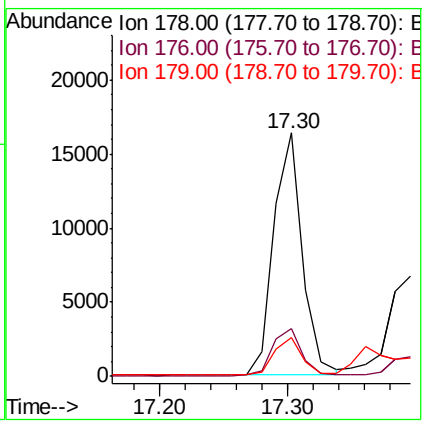


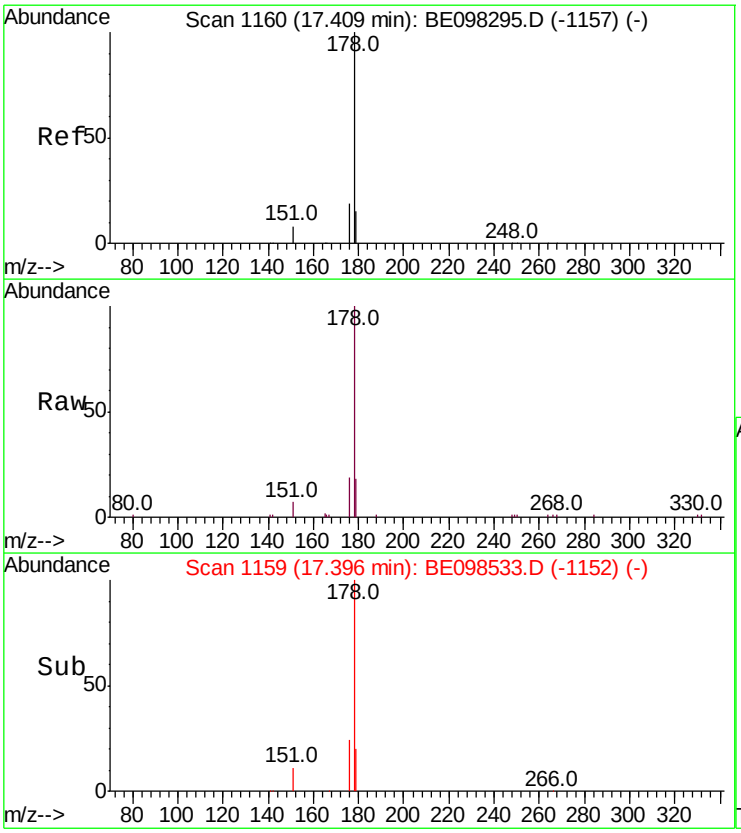
#23
Phenanthrene
Concen: 1.353 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:178 Resp: 25622

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.6	12.3	18.5

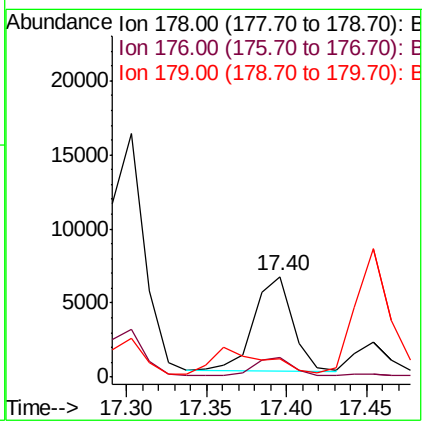


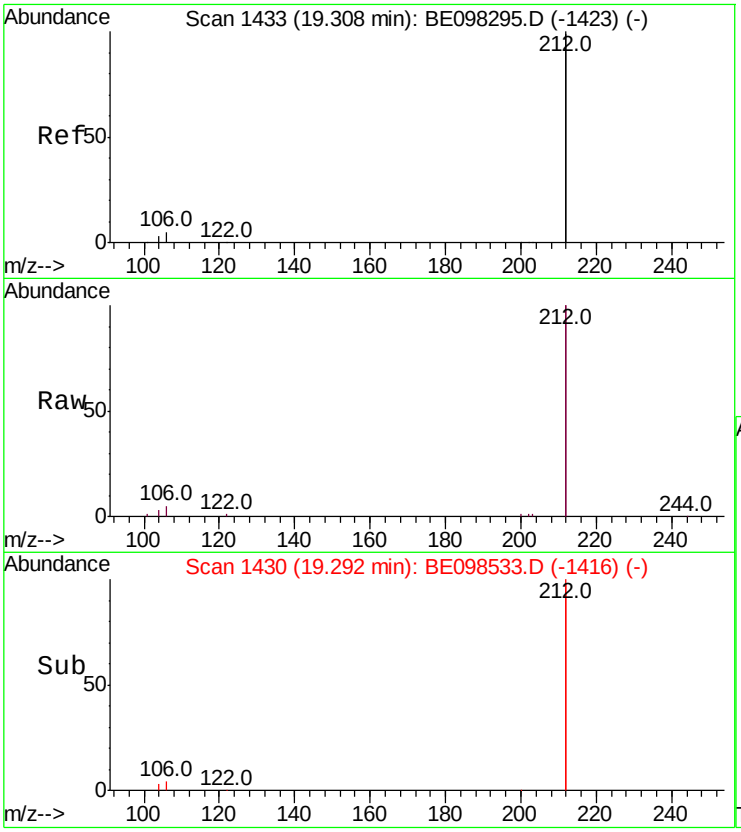


#24
Anthracene
Concen: 0.643 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:178 Resp: 10852

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	0.0	12.3	18.5#



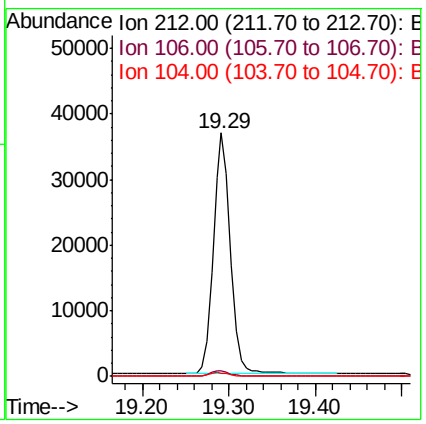


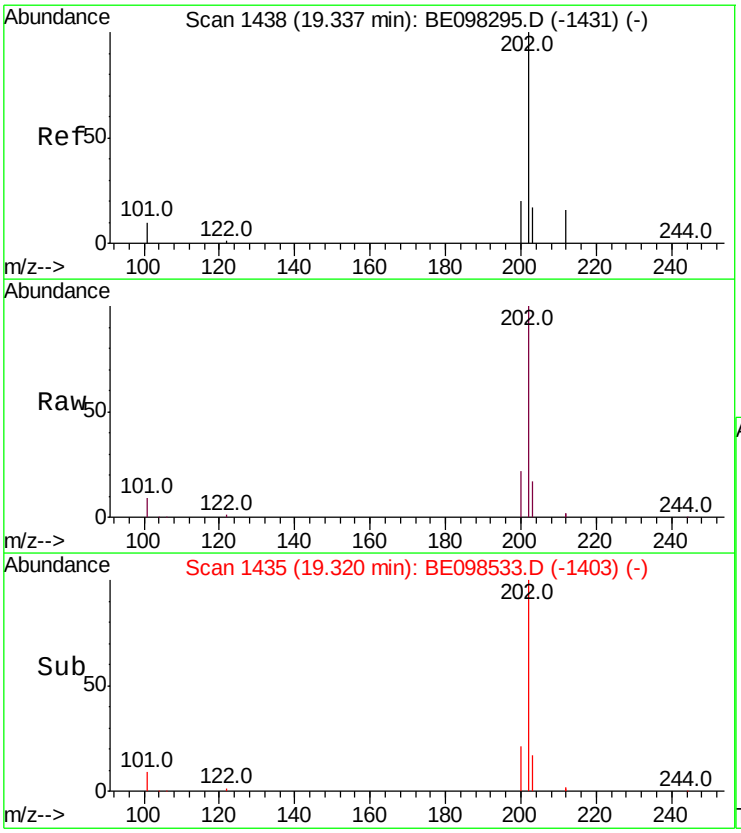
#25
Fluoranthene-d10
Concen: 0.508 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:212 Resp: 50747

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.5	1.3	1.9

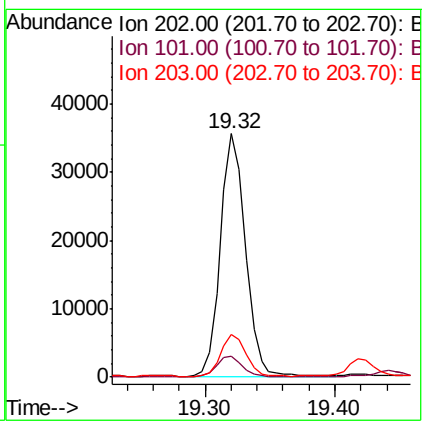


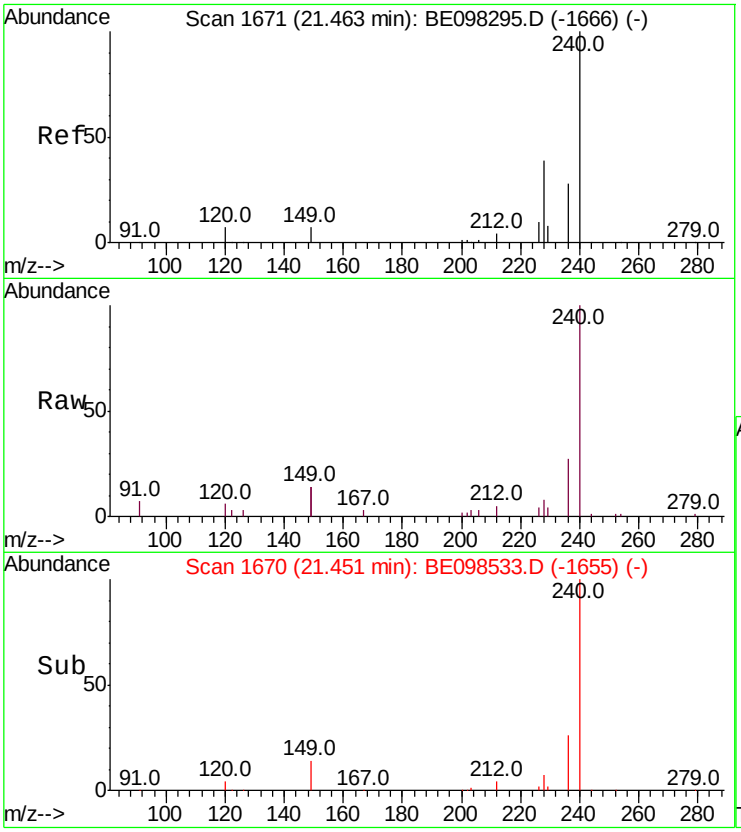


#26
Fluoranthene
Concen: 1.910 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:202 Resp: 47859

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.0	12.0
203	17.0	13.8	20.6



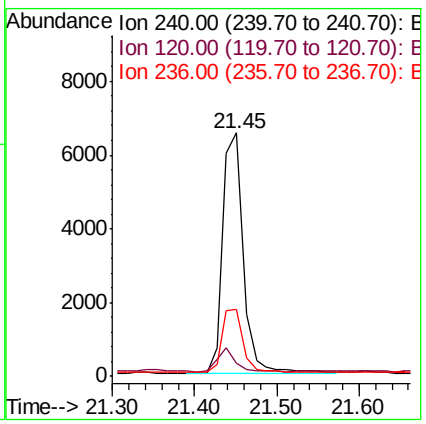


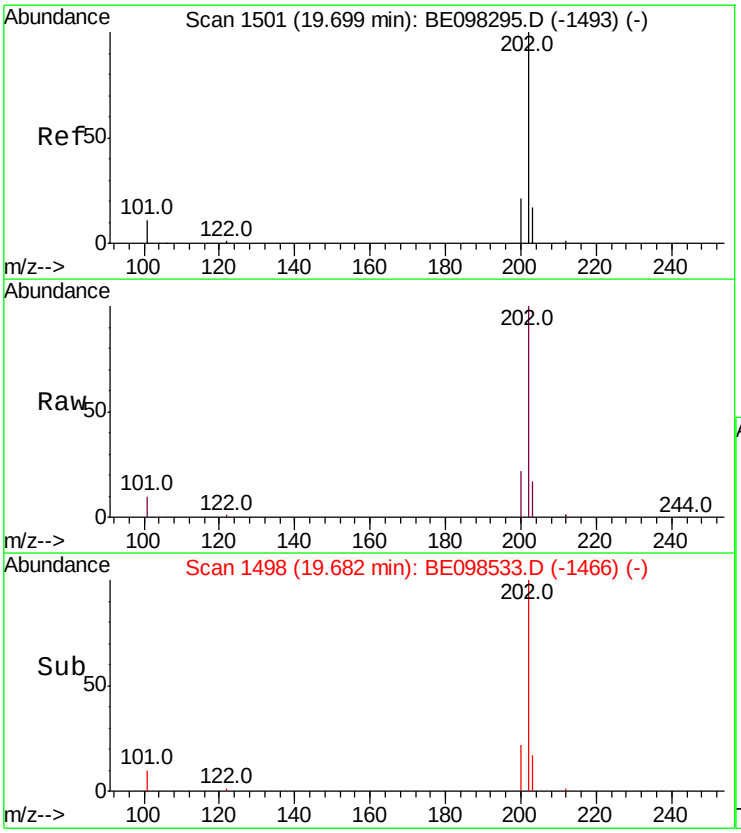
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:240 Resp: 11494

Ion	Ratio	Lower	Upper
240	100		
120	5.6	9.5	14.3#
236	27.5	22.7	34.1

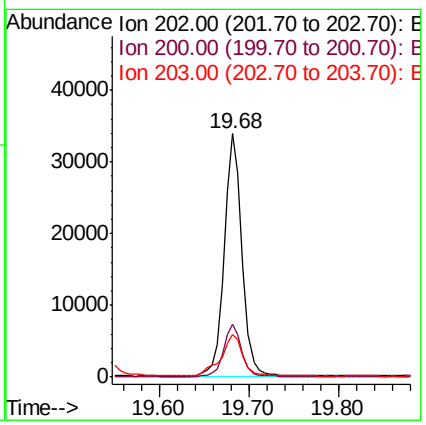


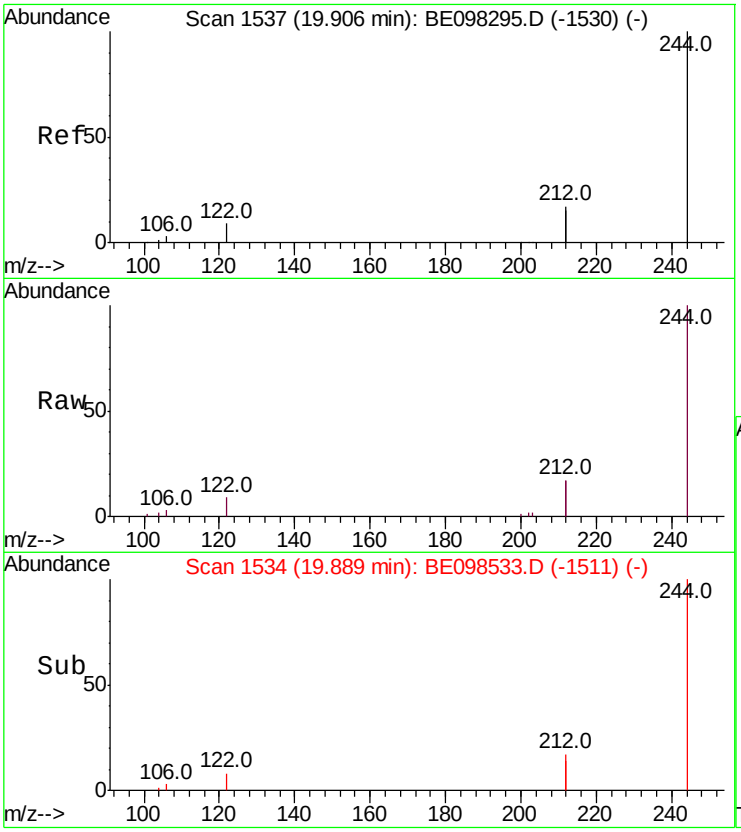


#28
Pyrene
Concen: 1.281 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:202 Resp: 46213

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	21.2	14.1	21.1#



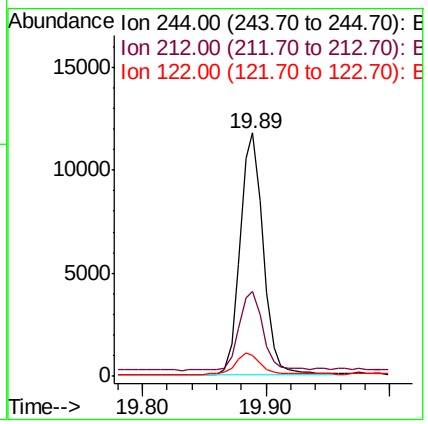


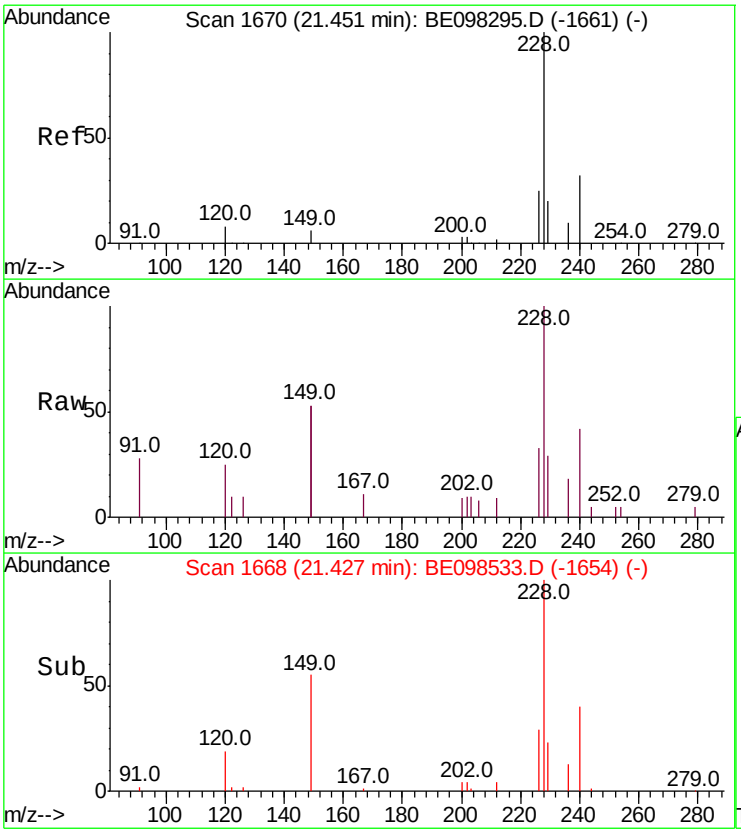
#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:244 Resp: 15456

Ion	Ratio	Lower	Upper
244	100		
212	34.8	27.4	41.0
122	8.6	8.3	12.5

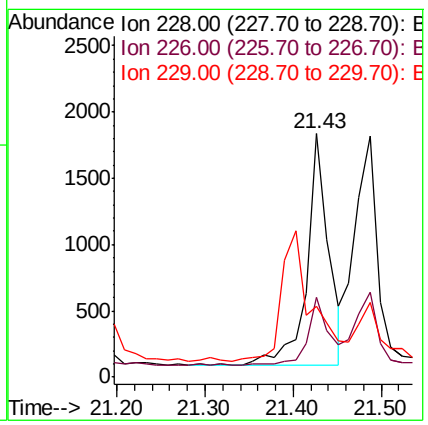


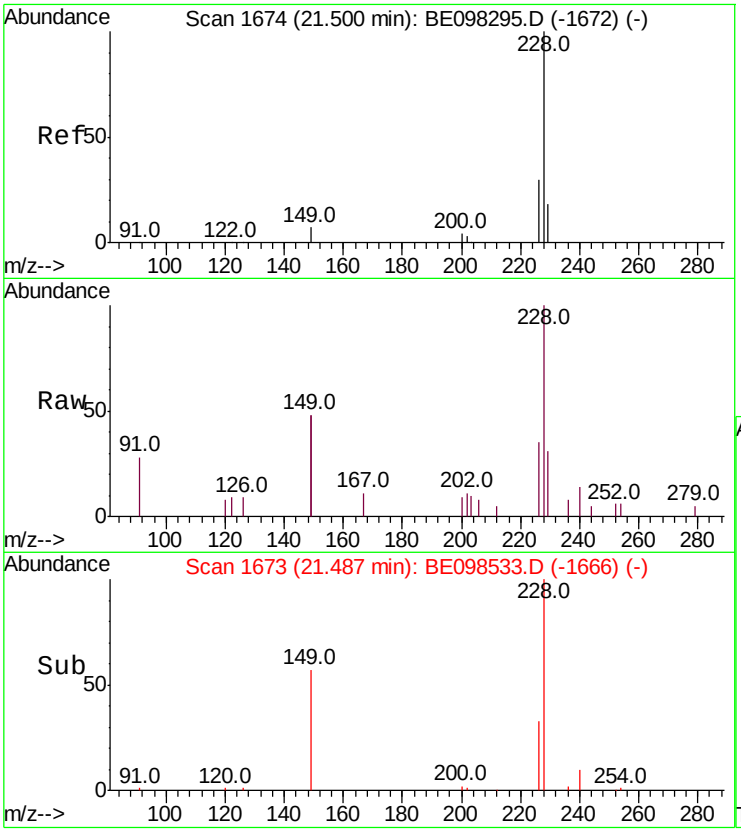


#30
Benzo(a)anthracene
Concen: 0.093 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:228 Resp: 3029

Ion	Ratio	Lower	Upper
228	100		
226	32.7	21.8	32.8
229	29.3	16.3	24.5#



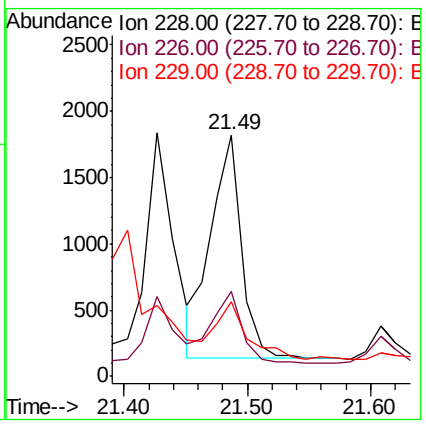


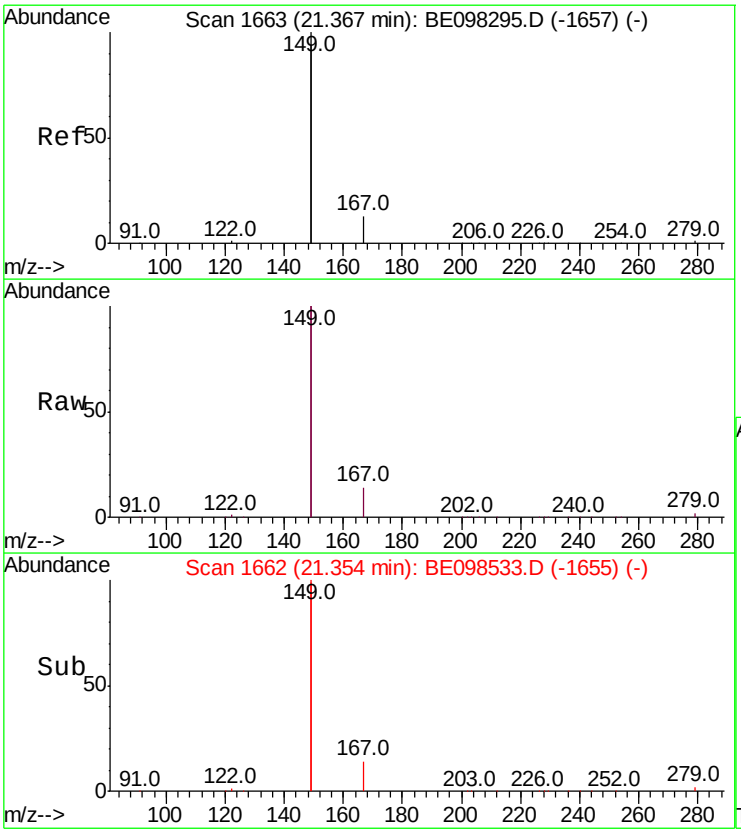
#31
Chrysene
Concen: 0.086 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:228 Resp: 2937

Ion	Ratio	Lower	Upper
228	100		
226	35.2	23.4	35.0#
229	31.0	16.2	24.4#

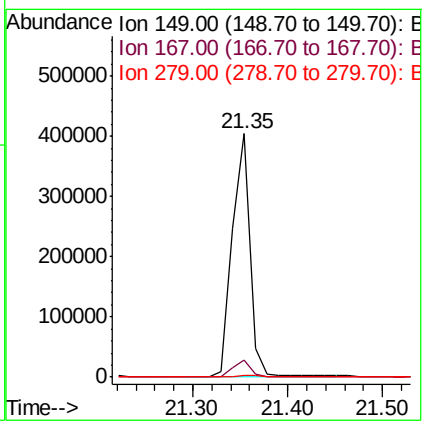


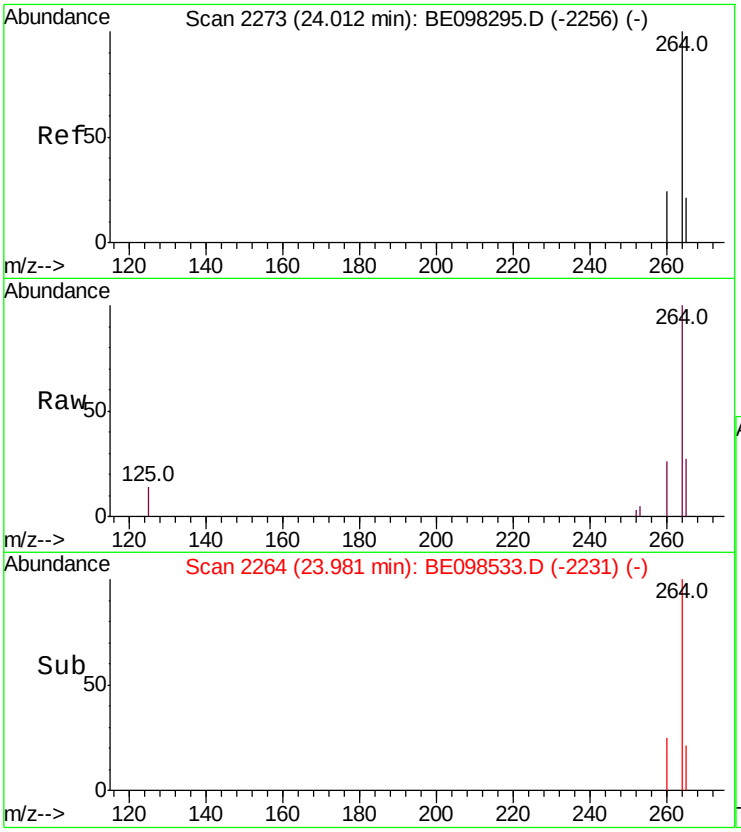


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.746 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Tgt Ion:149 Resp: 514901

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.0	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BE098533.D
Acq: 20 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :
061_SW-N-1

Tgt Ion:264 Resp: 9834

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	26.7	25.2	37.8