Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098535.D
Acq On : 20 Dec 2018 12:37
Operator : SJ/JU
Sample : J6319-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 064_SW-E-2

Quant Time: Dec 20 13:34:06 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	556	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	2567	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	1884	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	6268	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	8958	0.40	ng		-0.01
34) Perylene-d12	23.98	264	7487	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	319	0.25	ng		0.00
5) Phenol-d6	7.03	99	208	0.11	ng		-0.01
8) Nitrobenzene-d5	9.02	82	896	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	1835	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	408	0.59	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	2823	0.36	ng		-0.01
25) Fluoranthene-d10	19.30	212	38323	0.48	ng		-0.01
29) Terphenyl-d14	19.89	244	9270	0.43	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.69	128	11758	0.455	ng	#	98
12) 2-Methylnaphthalene	12.32	142	540	0.129	ng	#	87
17) Acenaphthene	14.57	154	781	0.147	ng		98
18) Fluorene	15.56	166	764	0.108	ng		99
23) Phenanthrene	17.30	178	5635	0.370	ng		100
24) Anthracene	17.40	178	695	0.051	ng		94
26) Fluoranthene	19.32	202	1852	0.092	ng		98
28) Pyrene	19.69	202	1565	0.056	ng		96
32) Bis(2-ethylhexyl)phthalate	21.35	149	5785	0.112	ng	#	99

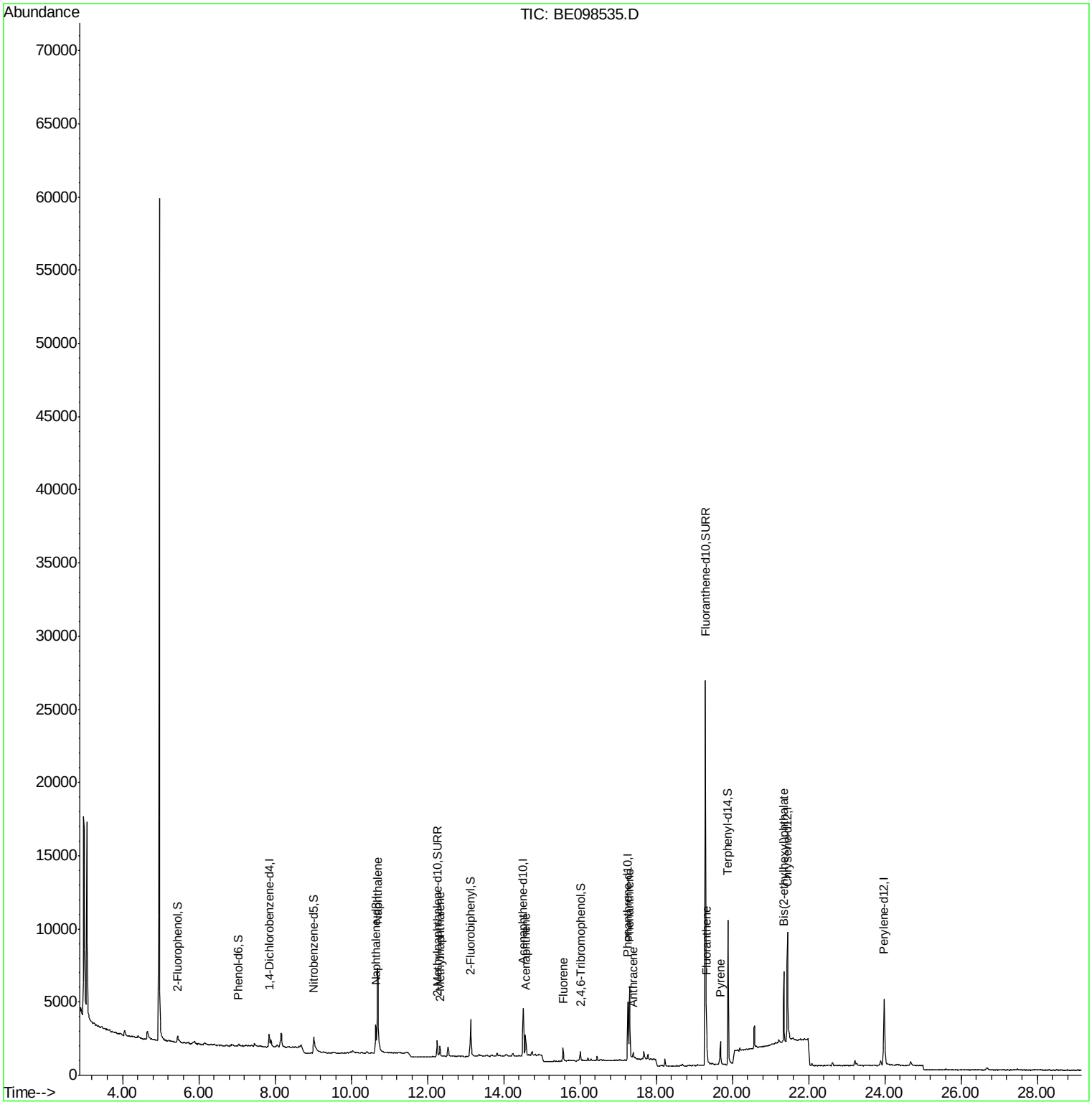
(#) = qualifier out of range (m) = manual integration (+) = signals summed

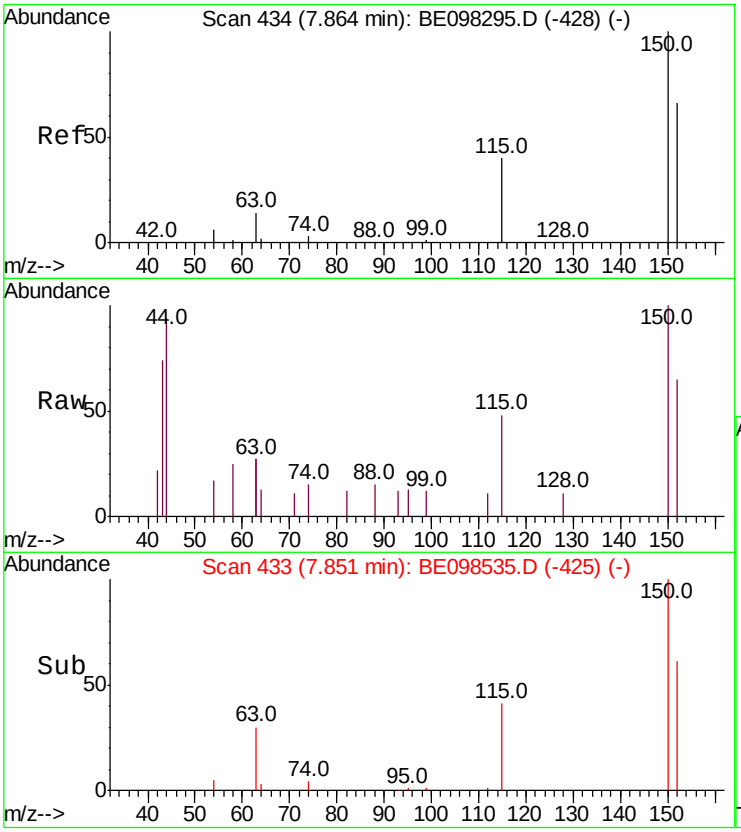
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098535.D
Acq On : 20 Dec 2018 12:37
Operator : SJ/JU
Sample : J6319-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Quant Time: Dec 20 13:34:06 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



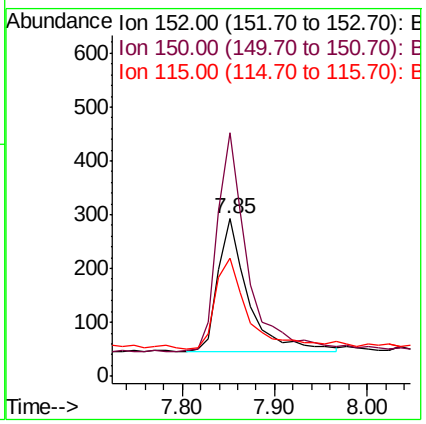


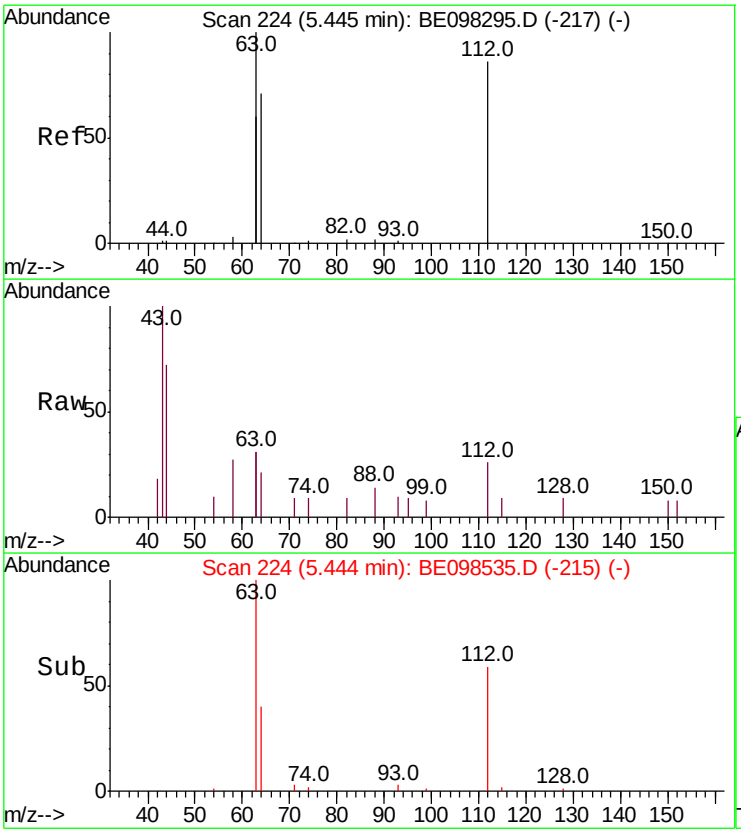
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:152 Resp: 556

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.4
115	74.7	53.9	80.9

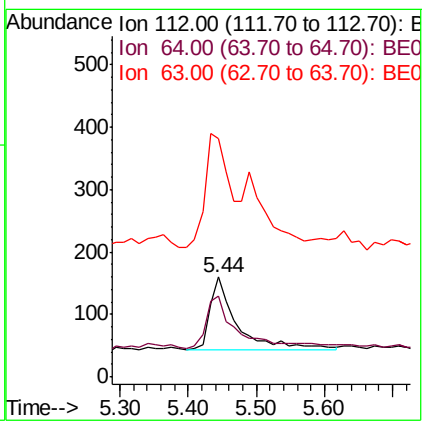


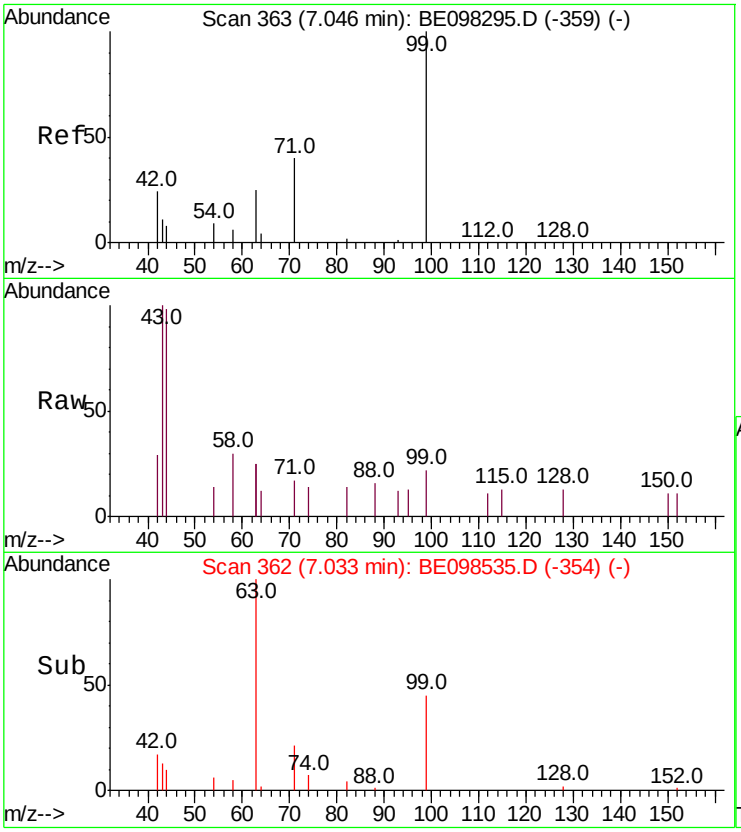


#4
2-Fluorophenol
Concen: 0.245 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:112 Resp: 319

Ion	Ratio	Lower	Upper
112	100		
64	89.0	59.8	89.8
63	149.8	133.7	200.5



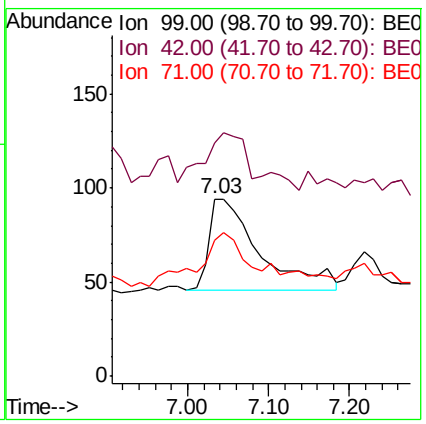


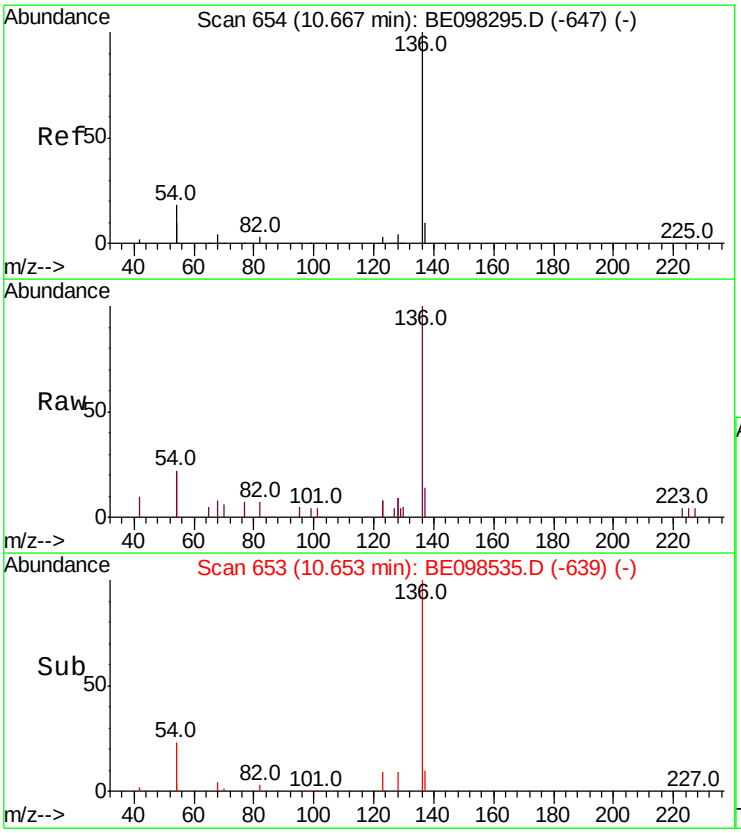
#5
Phenol-d6
Concen: 0.113 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion: 99 Resp: 208

Ion	Ratio	Lower	Upper
99	100		
42	45.2	26.3	39.5#
71	69.2	33.6	50.4#

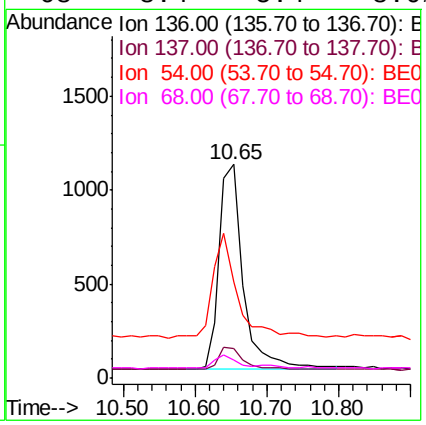


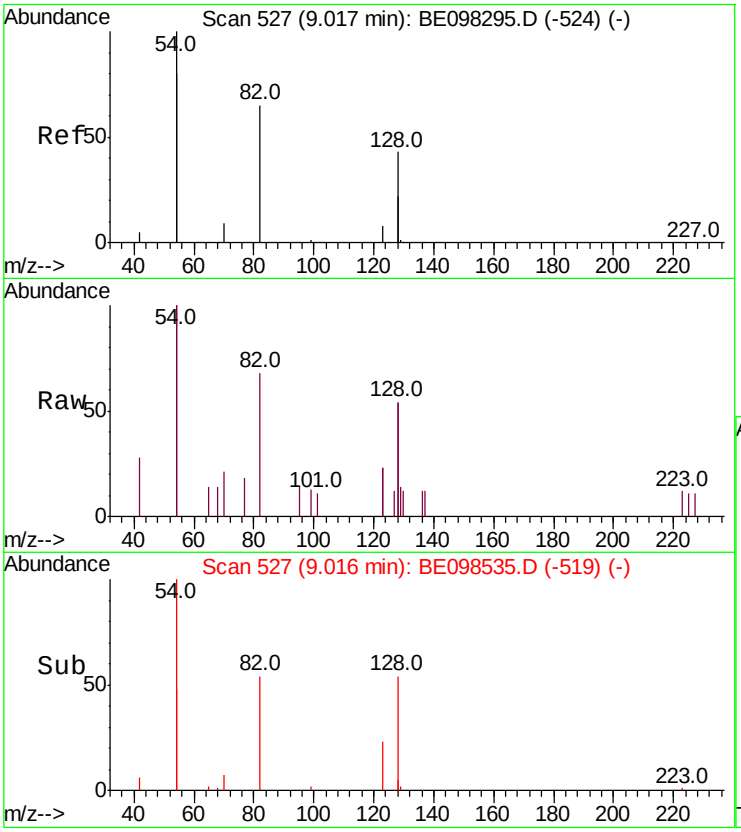


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:136 Resp: 2567

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.2	13.8
54	44.7	28.4	42.6#
68	8.4	5.4	8.0#



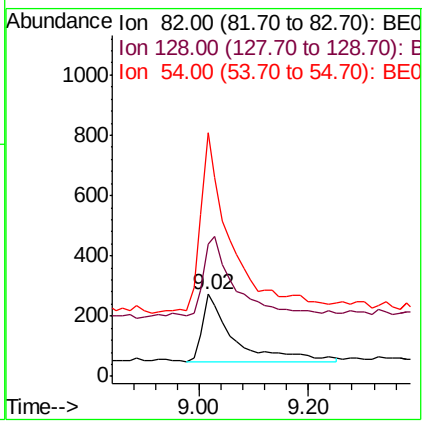


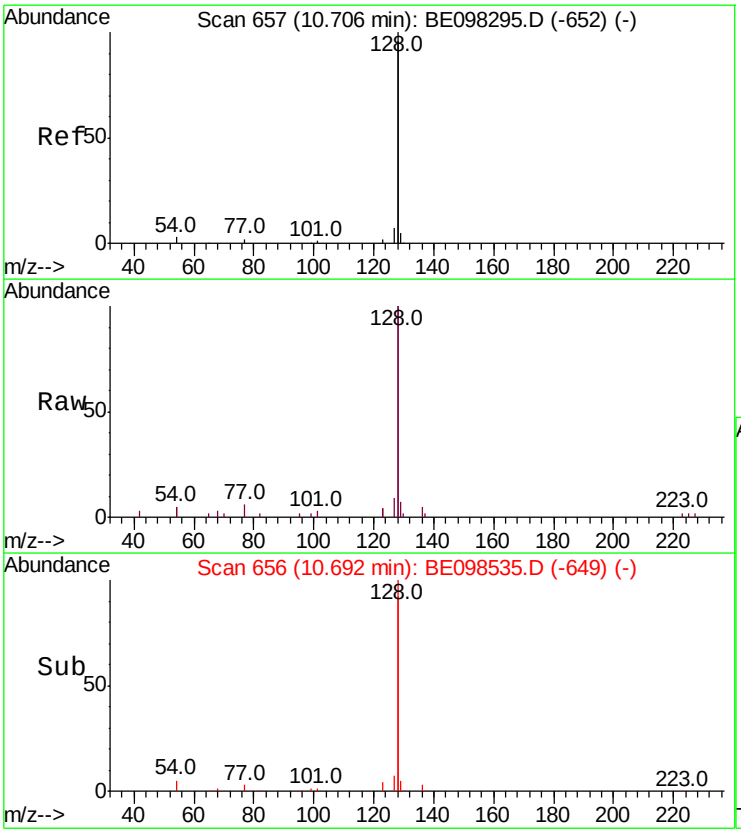
#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion: 82 Resp: 896

Ion	Ratio	Lower	Upper
82	100		
128	161.2	102.4	153.6#
54	296.0	221.8	332.8

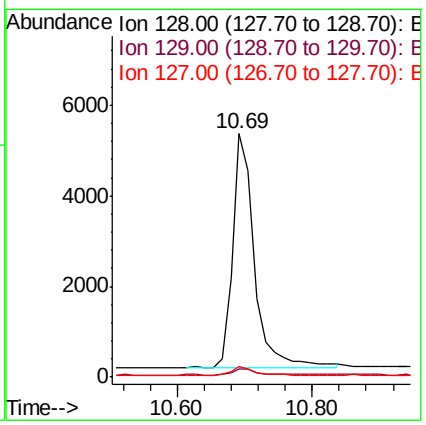


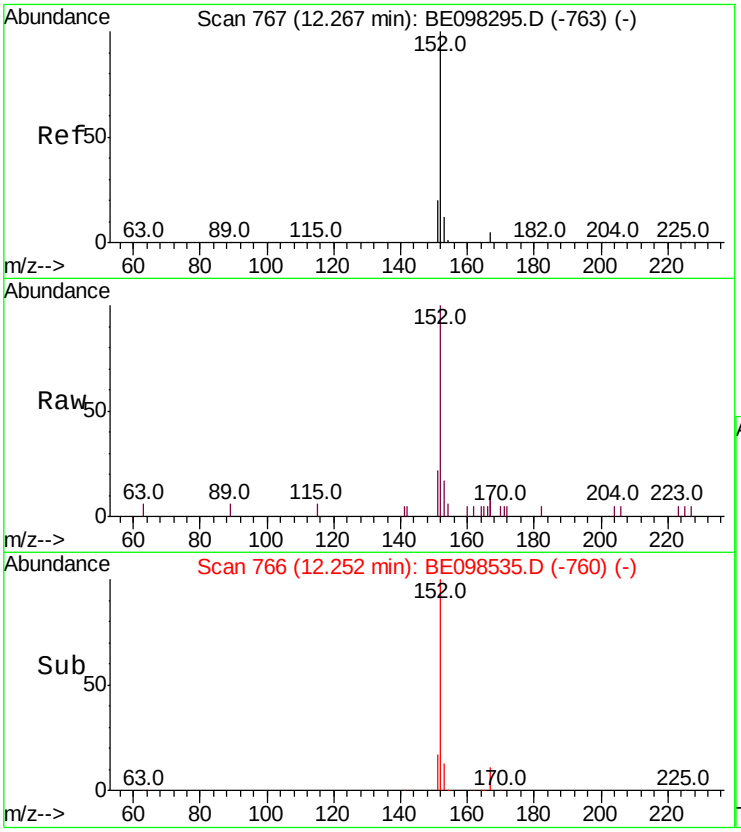


#9
Naphthalene
Concen: 0.455 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:128 Resp: 11758

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	4.3	2.7	4.1#



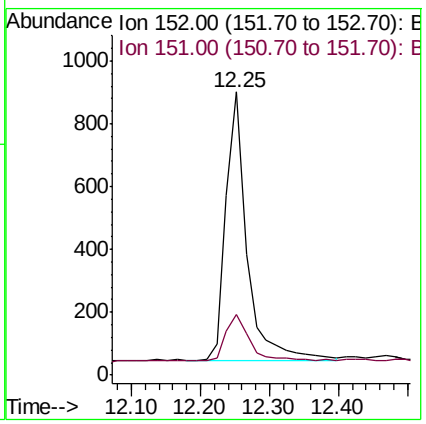


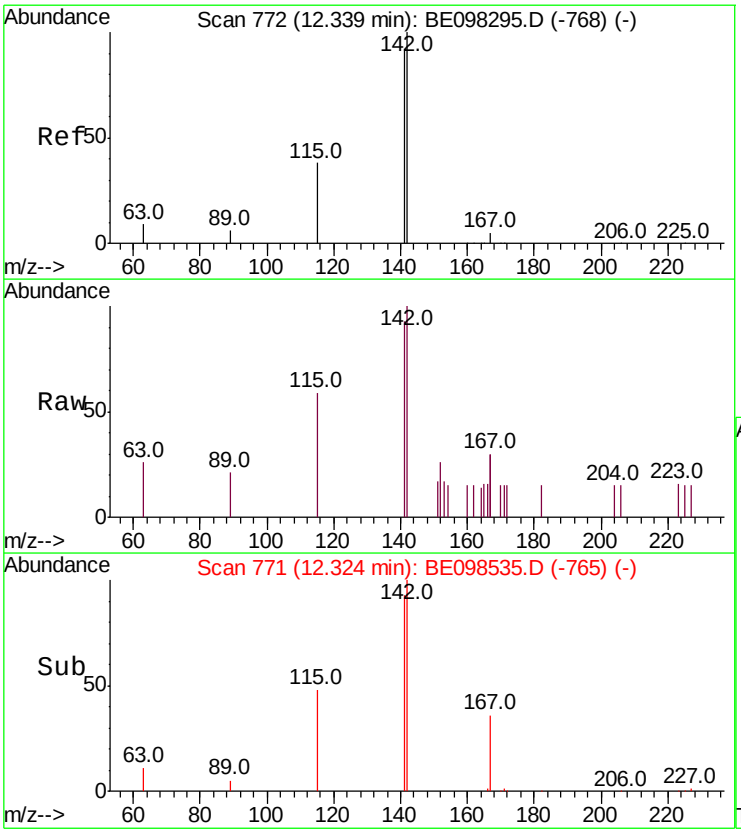
#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:152 Resp: 1835

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

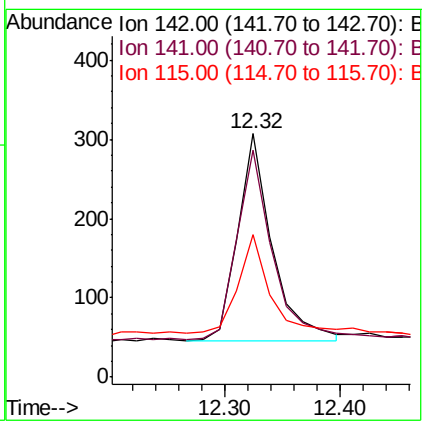


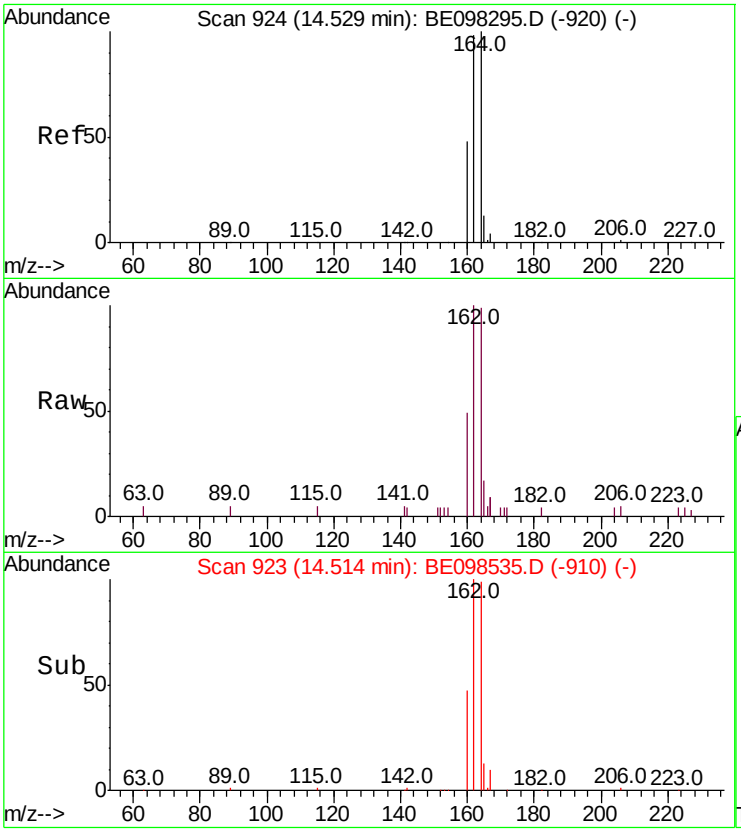


#12
2-Methylnaphthalene
Concen: 0.129 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:142 Resp: 540

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.0	106.6
115	58.6	32.2	48.2#



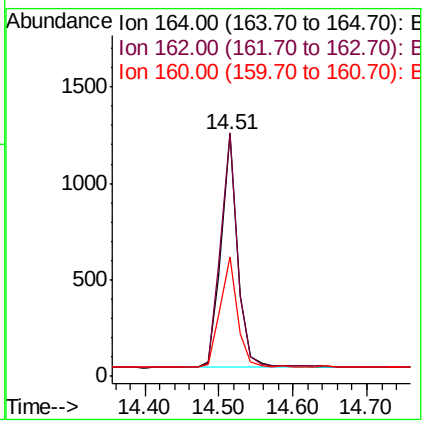


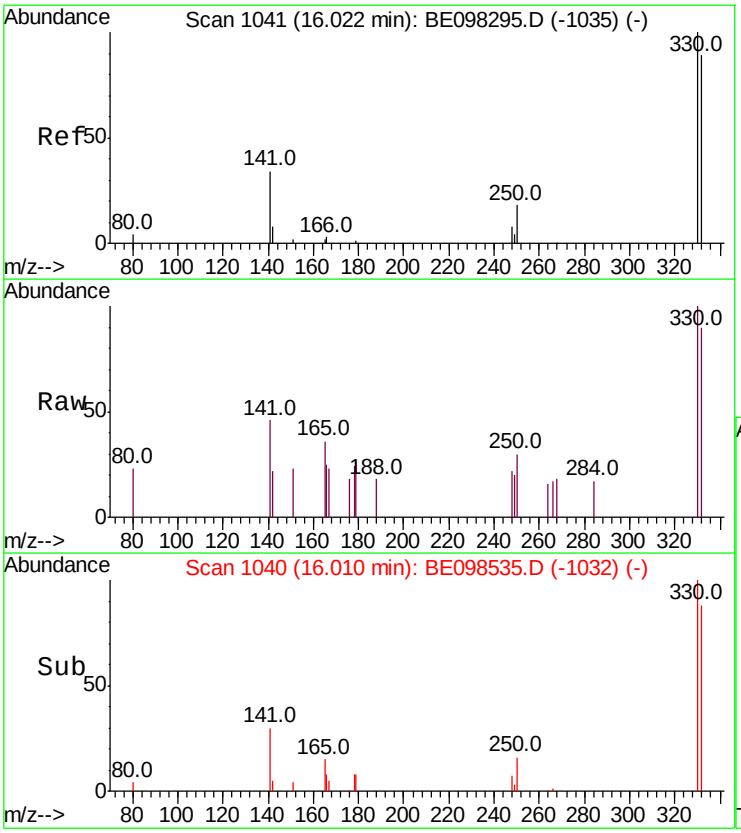
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:164 Resp: 1884

Ion	Ratio	Lower	Upper
164	100		
162	100.6	77.6	116.4
160	49.2	36.0	54.0

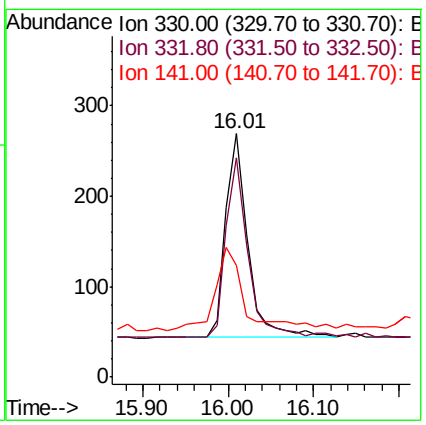


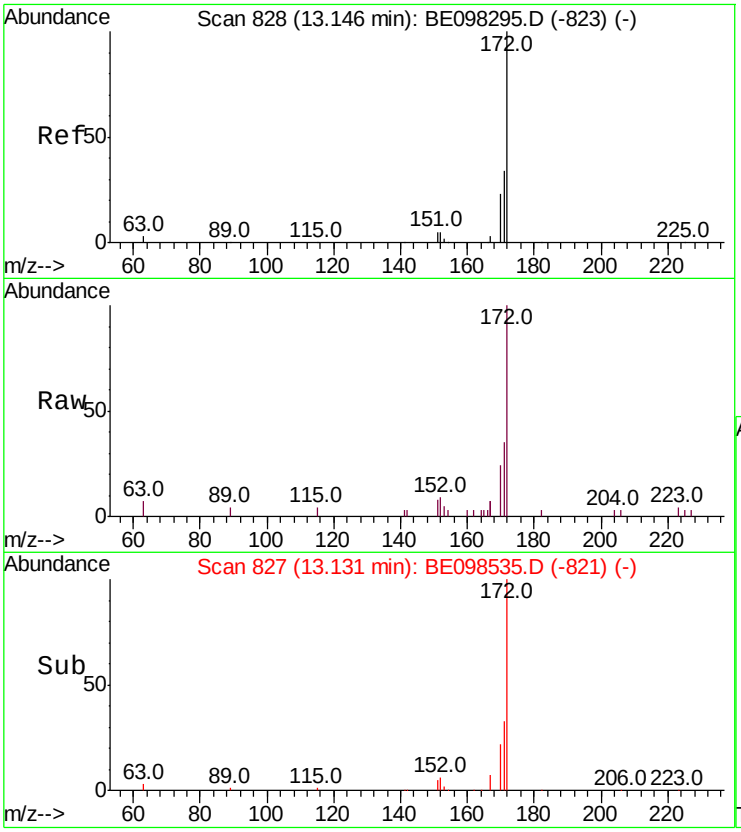


#14
2,4,6-Tribromophenol
Concen: 0.590 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:330 Resp: 408

Ion	Ratio	Lower	Upper
330	100		
332	89.5	76.2	114.4
141	54.4	39.0	58.4



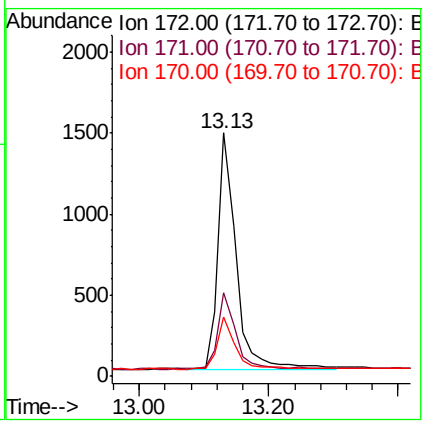


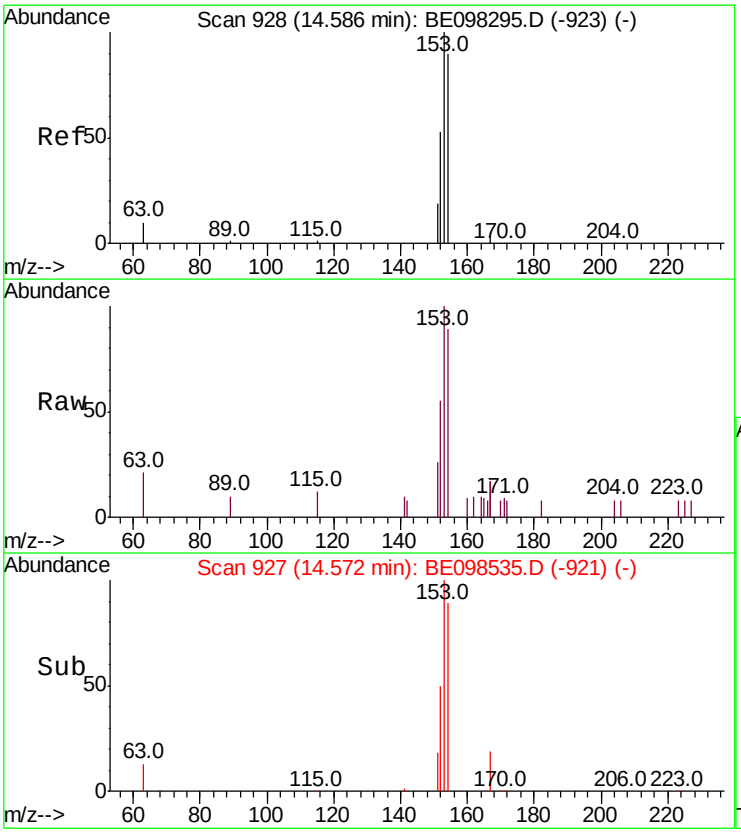
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:172 Resp: 2823

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	24.3	19.6	29.4

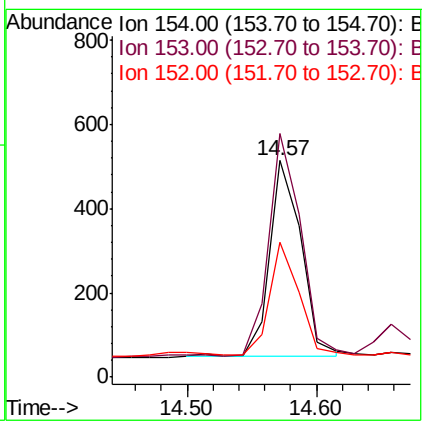


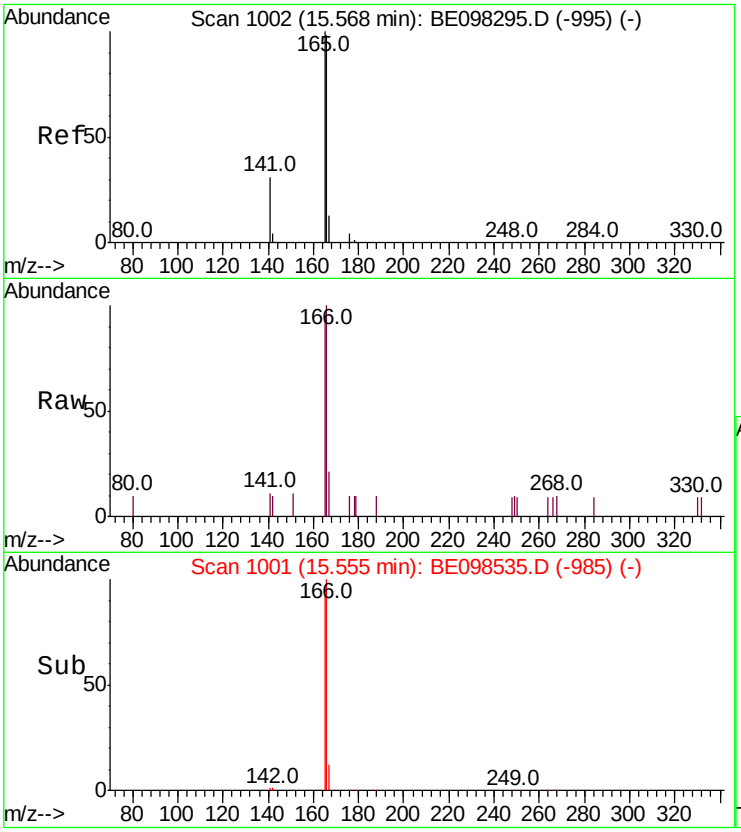


#17
Acenaphthene
Concen: 0.147 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:154 Resp: 781

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.8	137.6
152	53.4	45.5	68.3



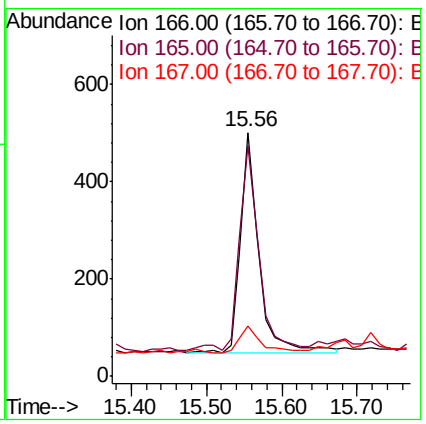


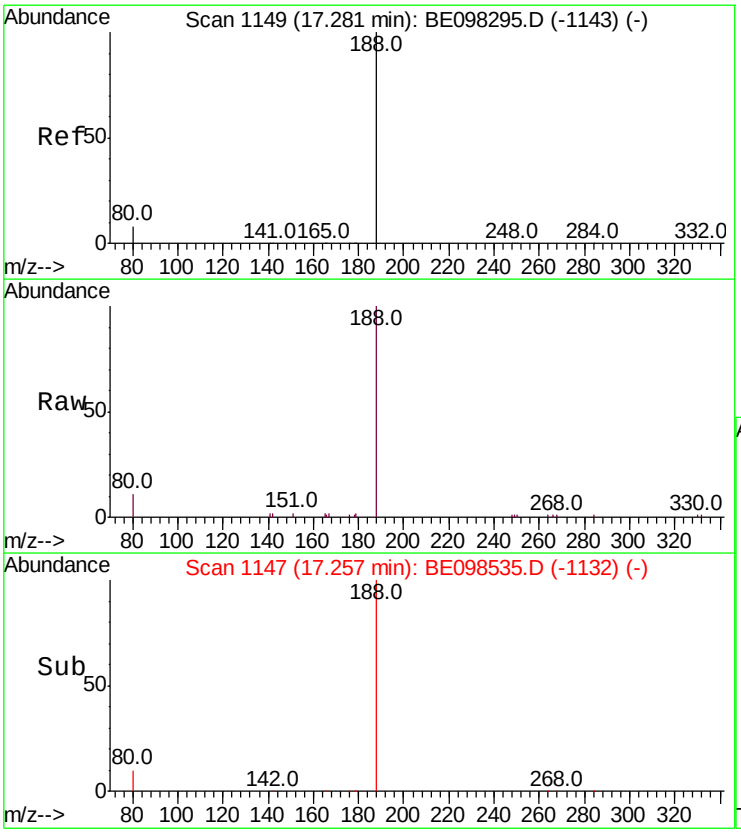
#18
Fluorene
Concen: 0.108 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:166 Resp: 764

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.3	118.9
167	14.8	11.3	16.9

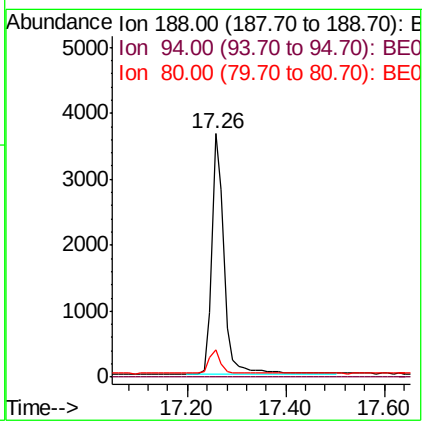


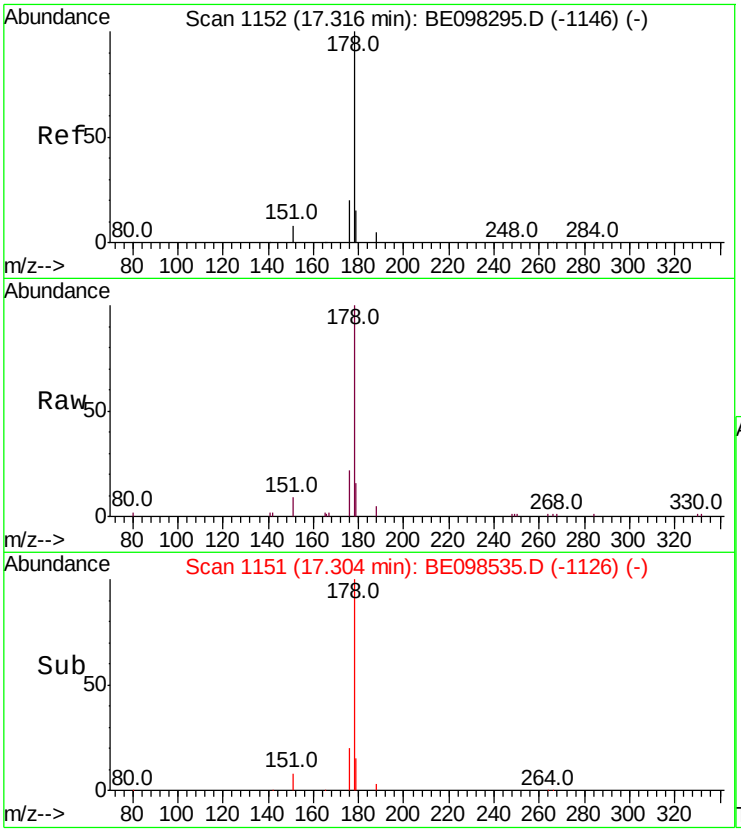


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:188 Resp: 6268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.2	10.8#



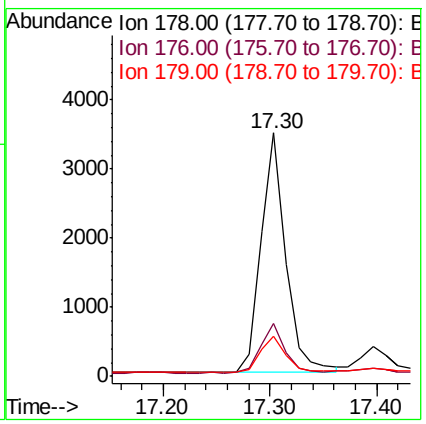


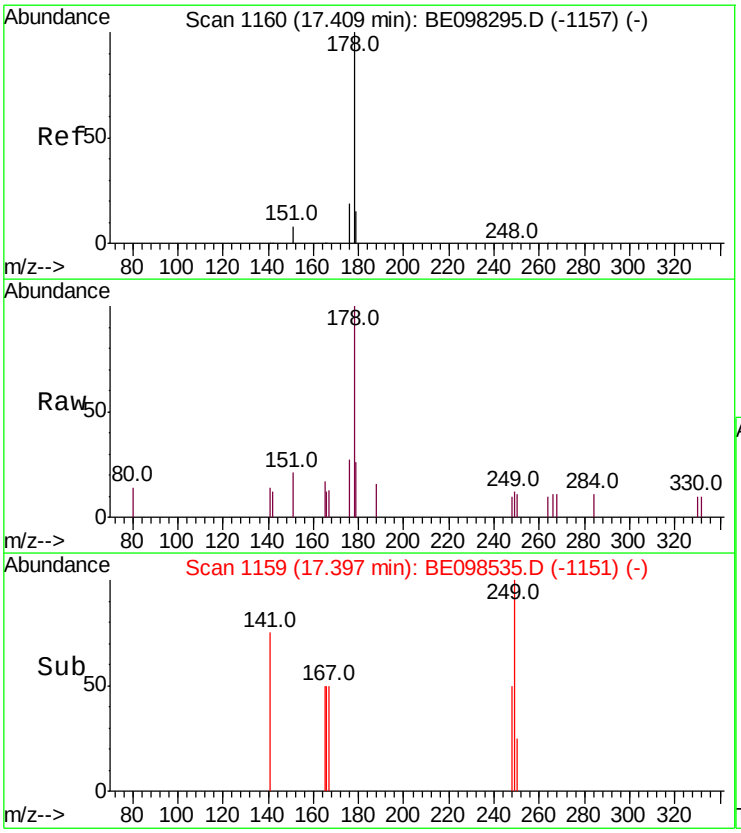
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:178 Resp: 5635

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.3	18.5

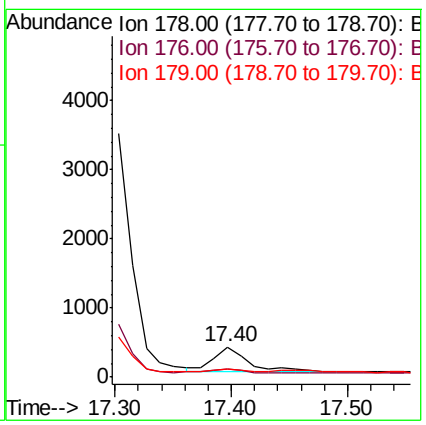


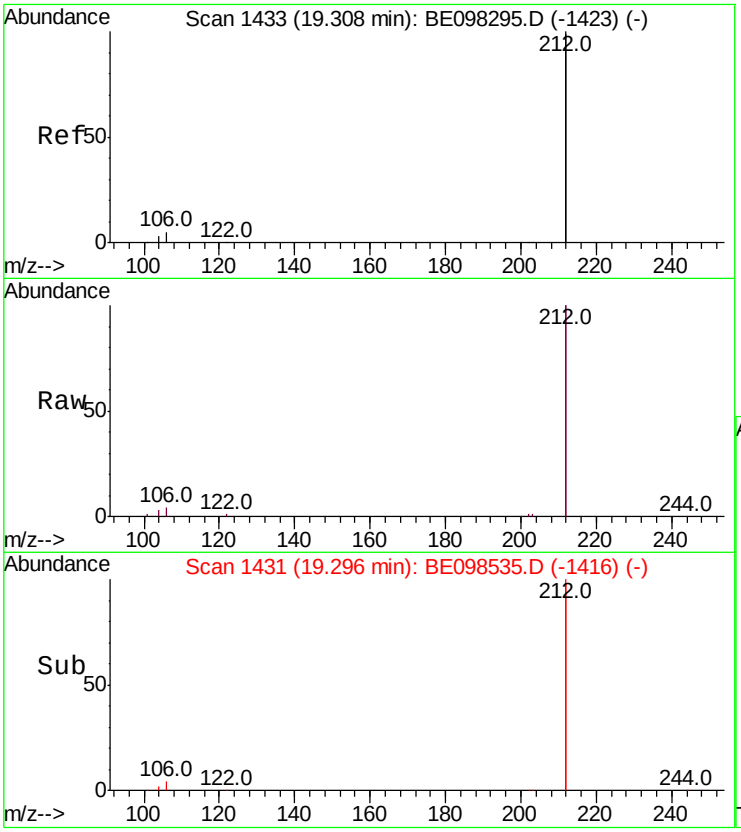


#24
Anthracene
Concen: 0.051 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:178 Resp: 695

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.0	22.4
179	12.8	12.3	18.5



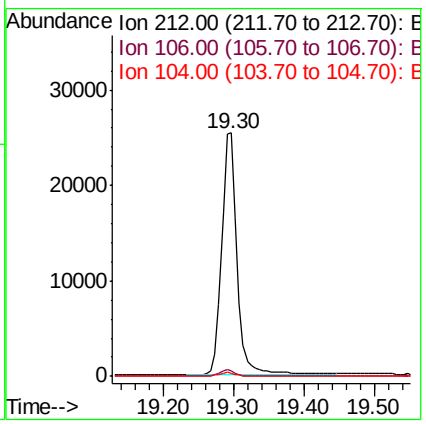


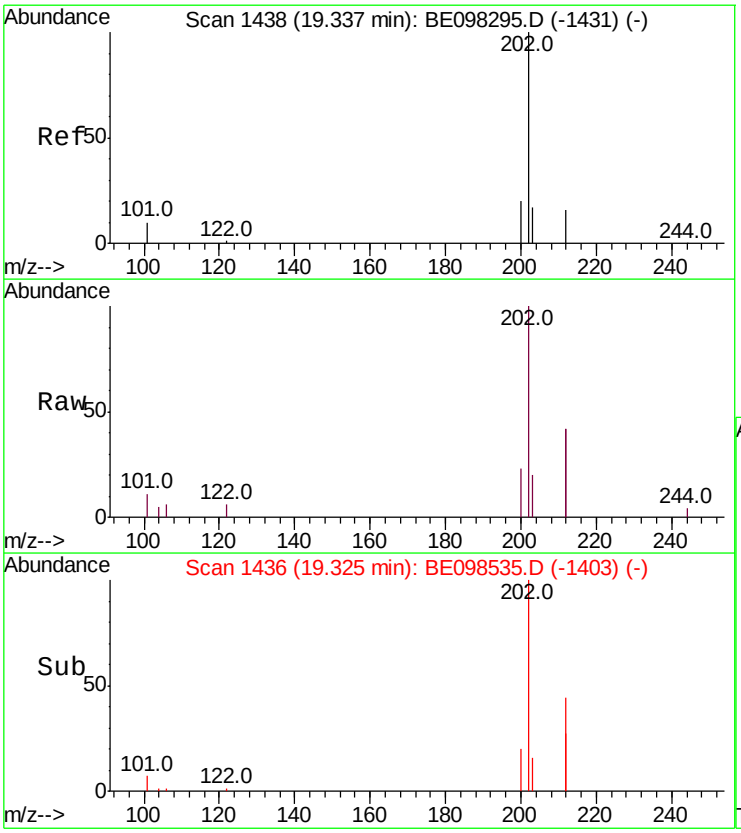
#25
Fluoranthene-d10
Concen: 0.477 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:212 Resp: 38323

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

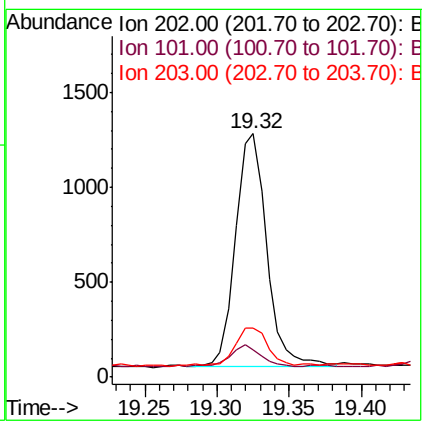


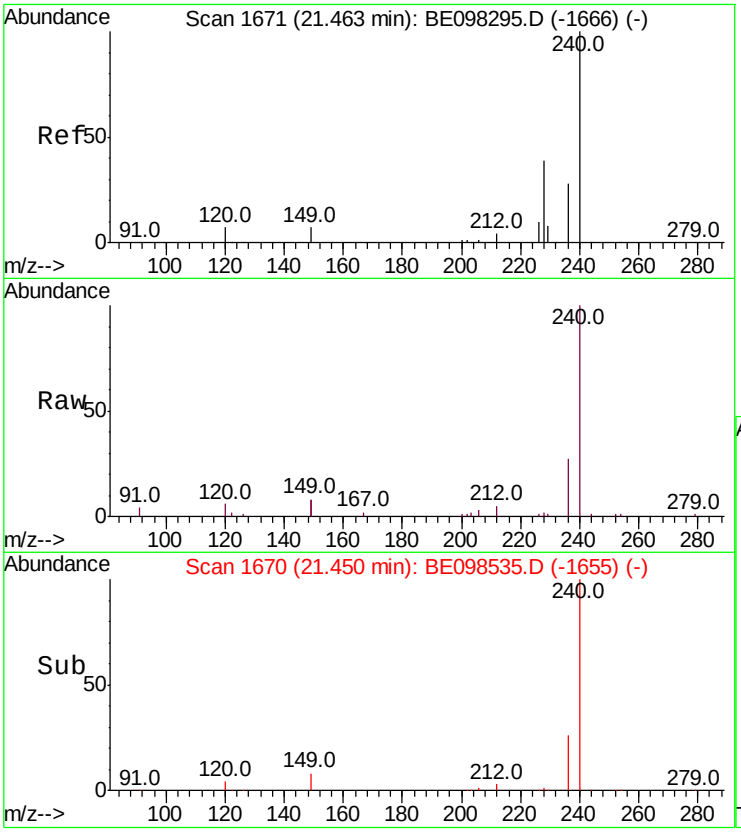


#26
Fluoranthene
Concen: 0.092 ng
RT: 19.32 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:202 Resp: 1852

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	18.3	13.8	20.6



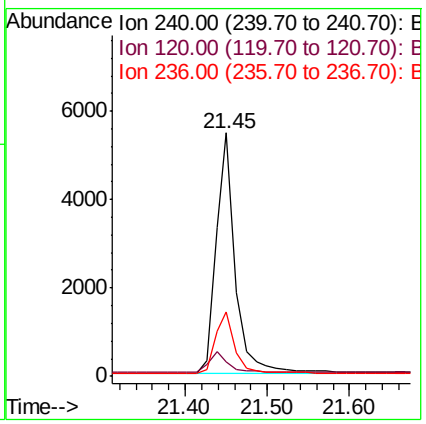


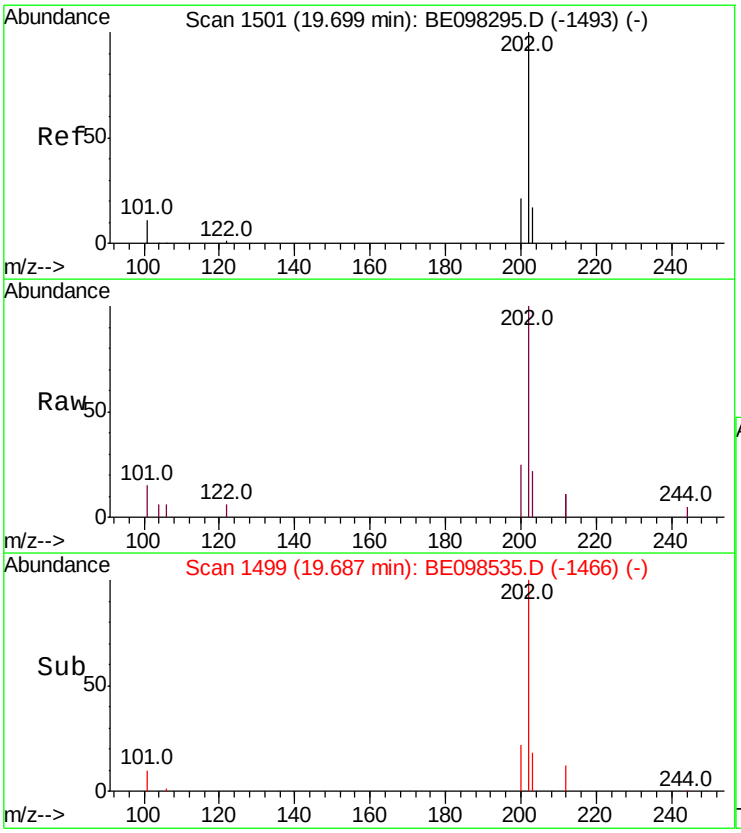
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:240 Resp: 8958

Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	26.6	22.7	34.1

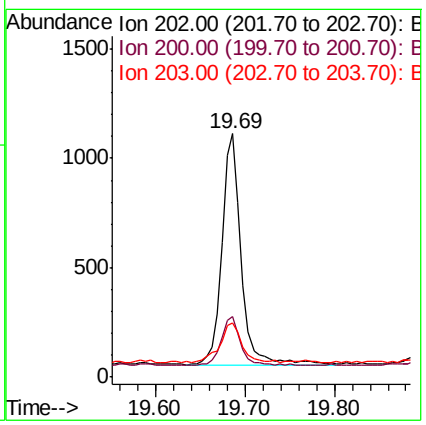


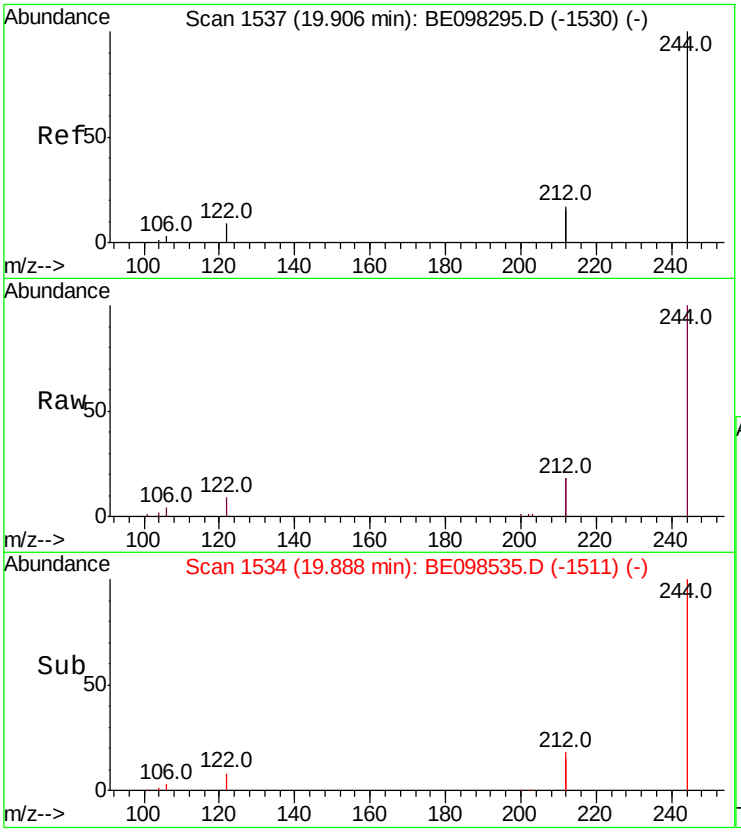


#28
Pyrene
Concen: 0.056 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:202 Resp: 1565

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	20.8	14.1	21.1



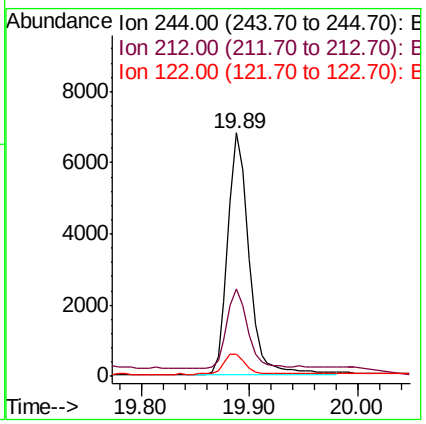


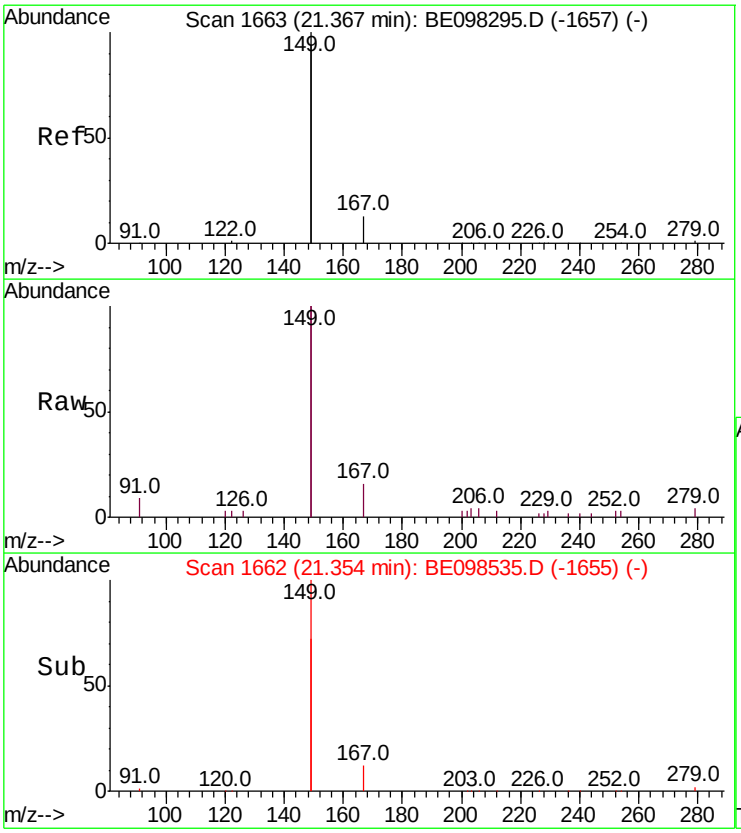
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:244 Resp: 9270

Ion	Ratio	Lower	Upper
244	100		
212	36.2	27.4	41.0
122	9.0	8.3	12.5

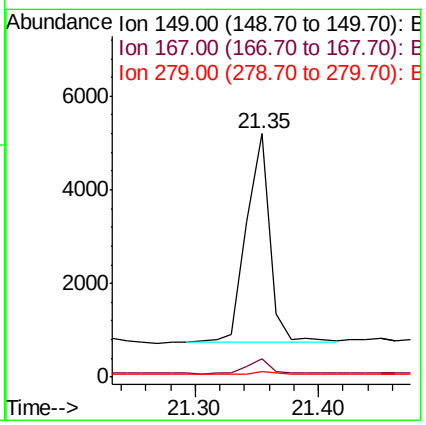


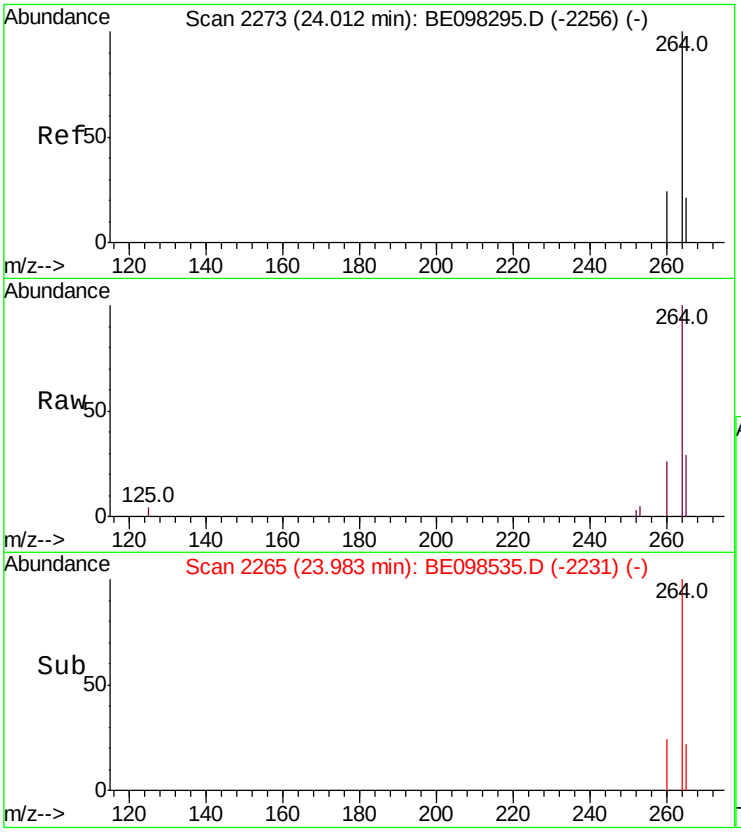


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:149 Resp: 5785

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.7	8.5
279	2.0	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2265
Delta R.T. -0.03 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tgt Ion:264 Resp: 7487

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	28.9	25.2	37.8