Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100585.D
Acq On : 30 Sep 2019 17:21
Operator : JU
Sample : K4839-05DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WPDL

Quant Time: Oct 01 05:14:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3219	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	12999	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	8076	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	18339	0.40	ng		0.00
27) Chrysene-d12	21.37	240	21099	0.40	ng		0.00
34) Perylene-d12	23.85	264	23851	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	62274	6.56	ng		0.00
5) Phenol-d6	7.01	99	93029	7.22	ng		0.00
8) Nitrobenzene-d5	9.00	82	50724	5.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	6	0.00	ng		0.07
14) 2,4,6-Tribromophenol	15.96	330	18162	7.84	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	152562	5.46	ng		0.00
25) Fluoranthene-d10	19.23	212	48	0.00	ng		0.00
29) Terphenyl-d14	19.83	244	349156	6.70	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.64	42	15954	5.165	ng	#	100
9) Naphthalene	10.69	128	2848	0.021	ng	#	92
10) Hexachlorobutadiene	10.99	225	30266	7.360	ng		99
12) 2-Methylnaphthalene	12.31	142	109241	4.757	ng		98
16) Acenaphthylene	14.21	152	287888	8.001	ng		100
17) Acenaphthene	14.54	154	220050	9.515	ng		99
21) Hexachlorobenzene	16.53	284	32417	4.607	ng		99
26) Fluoranthene	19.26	202	258695	3.979	ng		99
28) Pyrene	19.62	202	296424	4.640	ng		99
31) Chrysene	21.40	228	110473	1.743	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	387291	2.348	ng		99
33) Indeno(1,2,3-cd)pyrene	26.46	276	168644	2.159	ng	#	94
36) Benzo(k)fluoranthene	23.14	252	370964	5.216	ng	#	94
38) Dibenzo(a,h)anthracene	26.46	278	4889	0.077	ng	#	77
39) Benzo(g,h,i)perylene	27.27	276	243042	3.745	ng		97

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

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Instrument :
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Quant Time: Oct 01 05:14:29 2019
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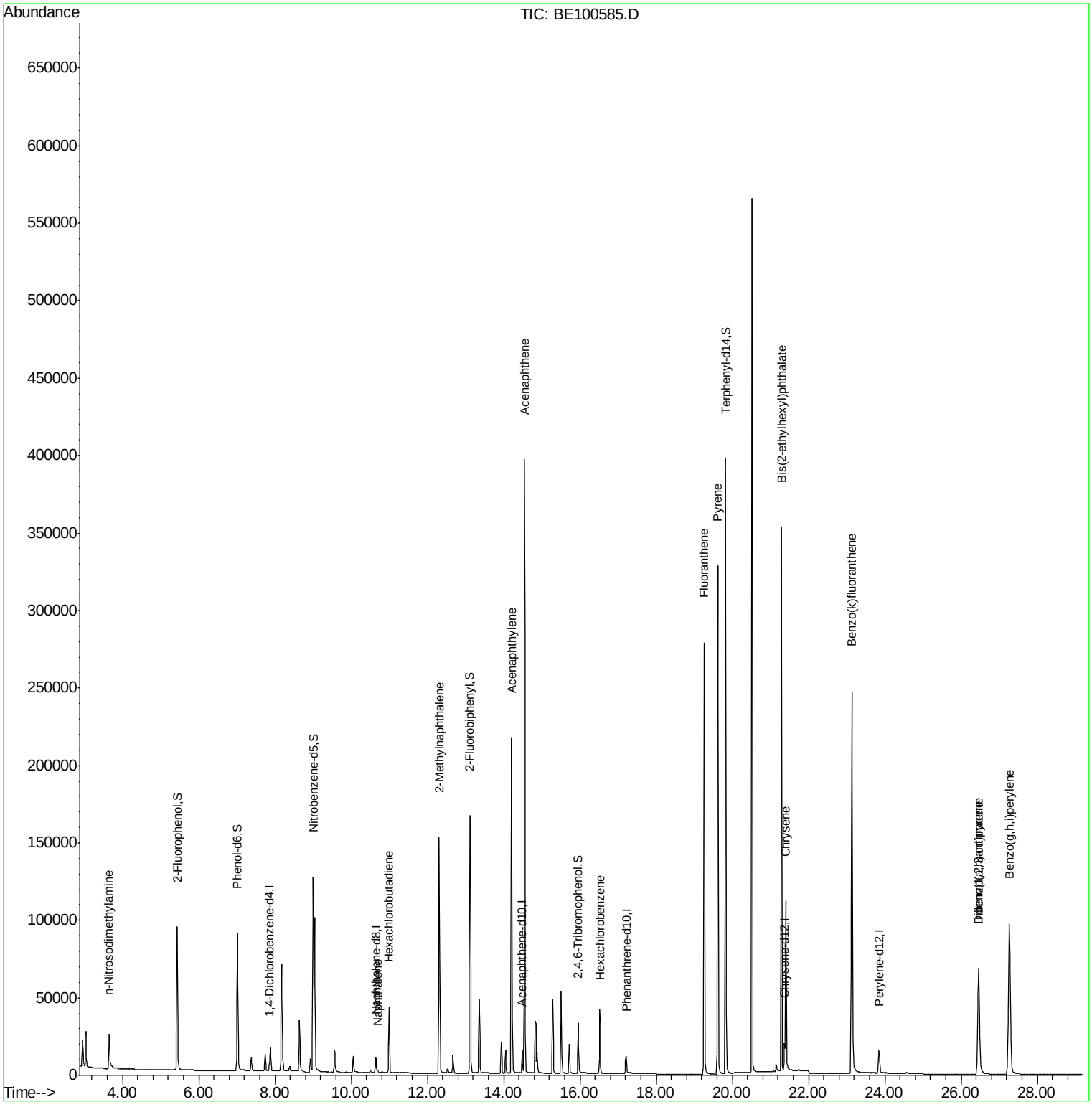
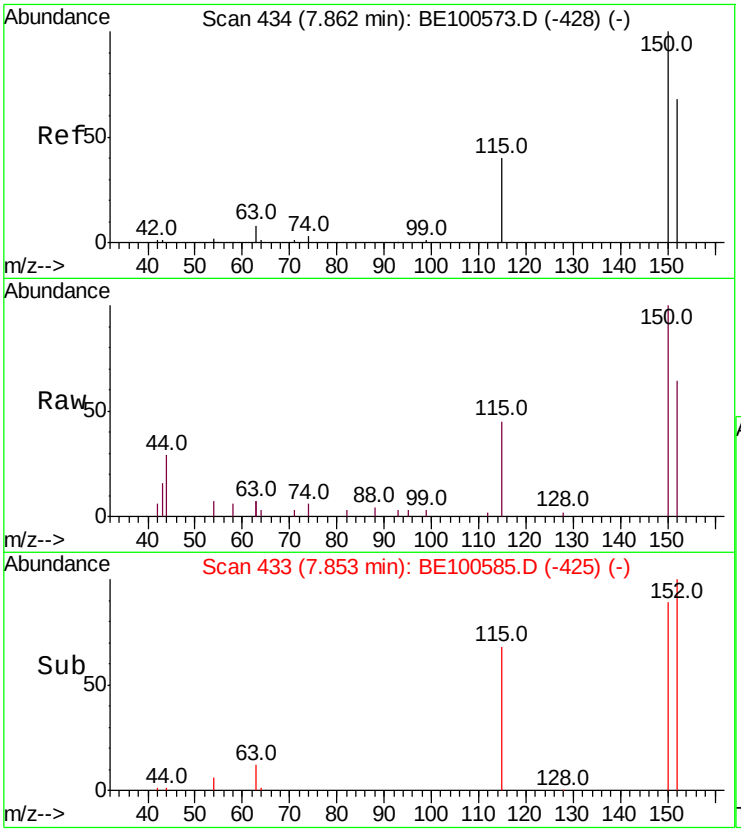
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration



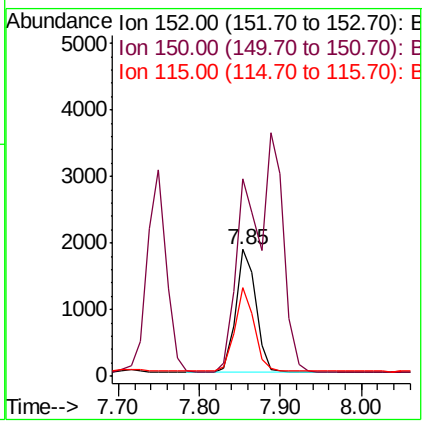


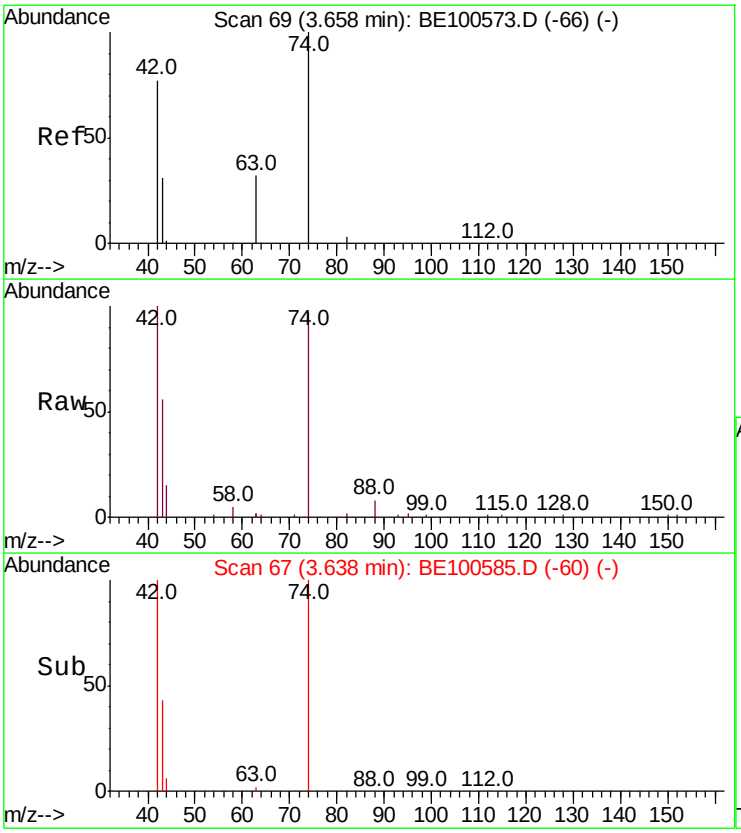
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 3219

Ion	Ratio	Lower	Upper
152	100		
150	156.1	116.9	175.3
115	70.2	50.2	75.4

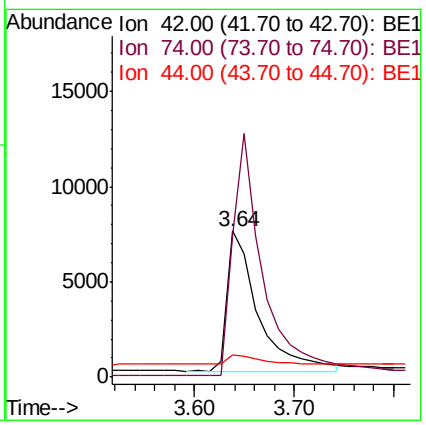


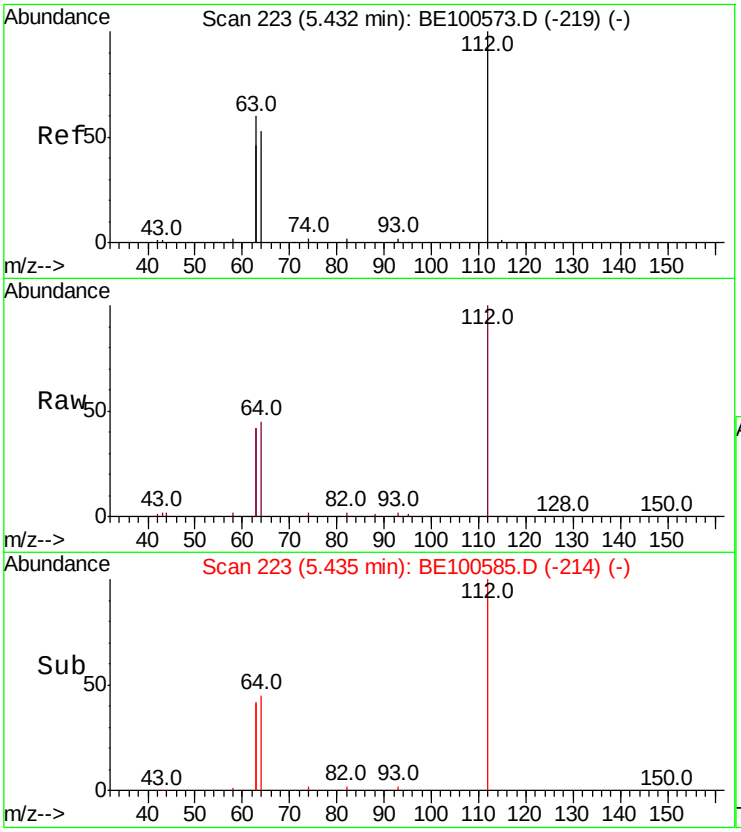


#3
n-Nitrosodimethylamine
Concen: 5.165 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion: 42 Resp: 15954

Ion	Ratio	Lower	Upper
42	100		
74	169.6	0.0	0.0#
44	7.5	0.0	0.0#



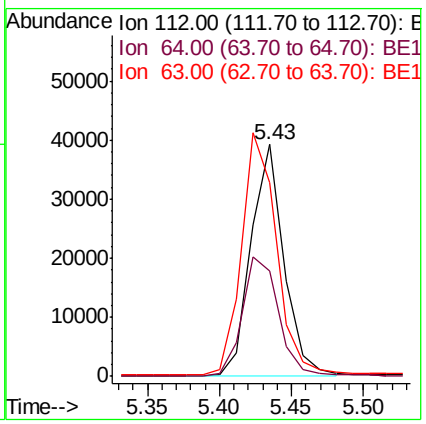


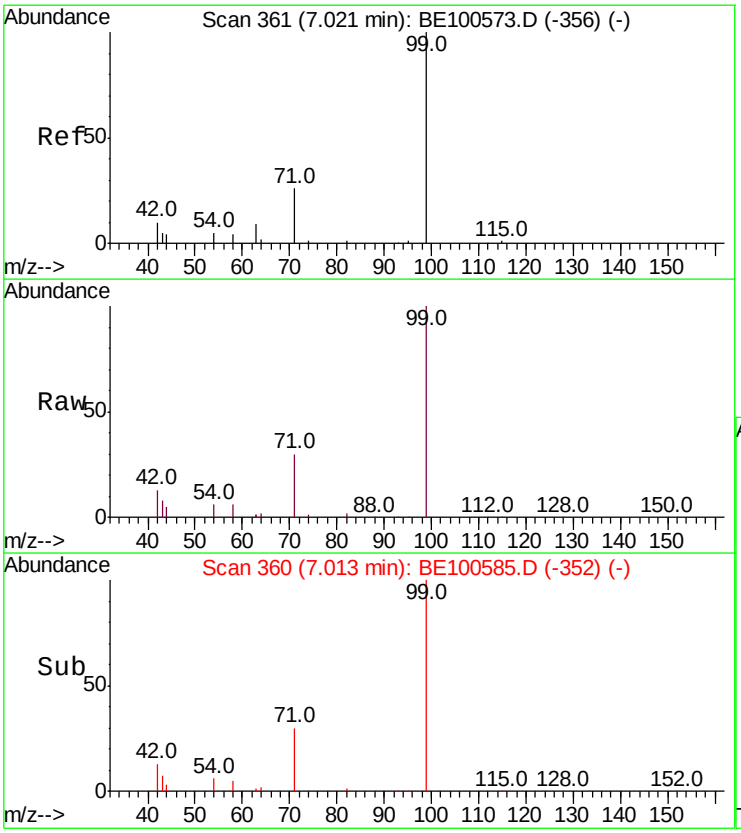
#4
2-Fluorophenol
Concen: 6.561 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 62274

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.9	67.3
63	110.3	90.1	135.1

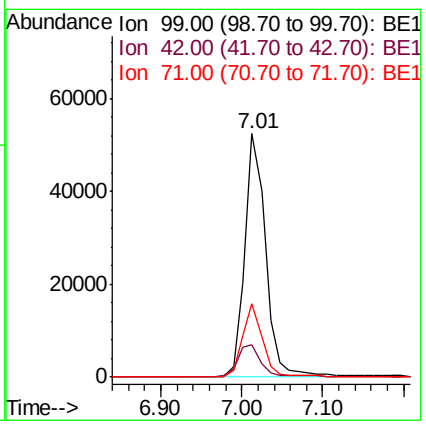


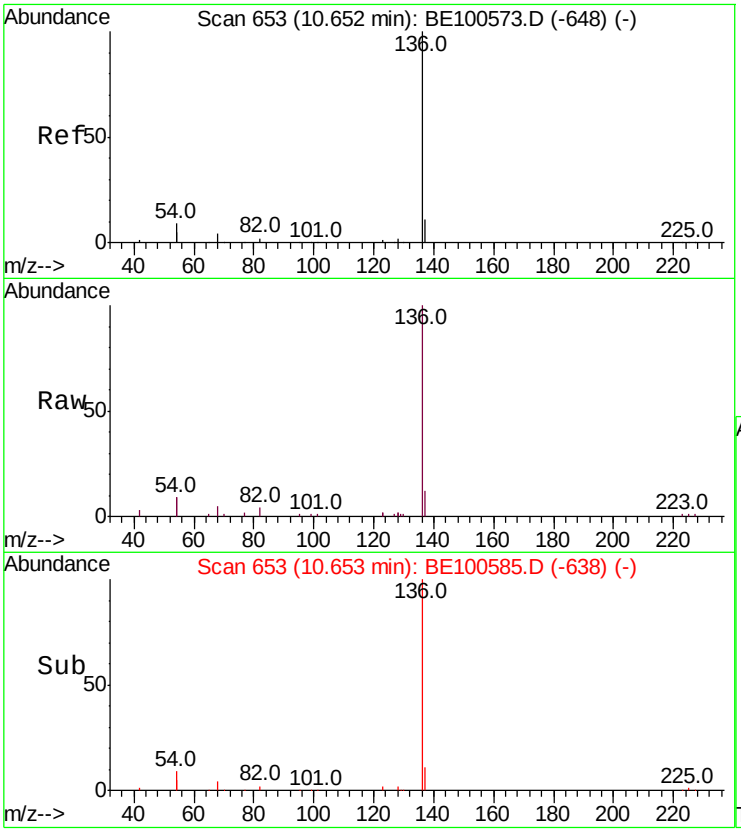


#5
Phenol-d6
Concen: 7.220 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion: 99 Resp: 93029

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.7	17.5
71	29.0	23.6	35.4



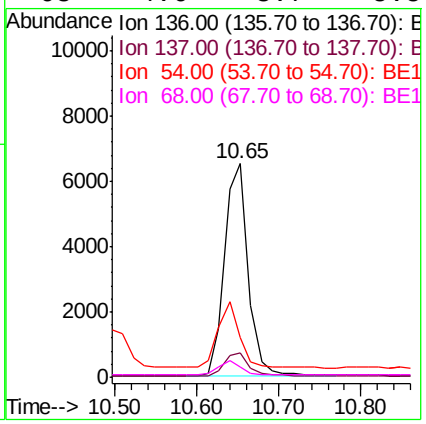


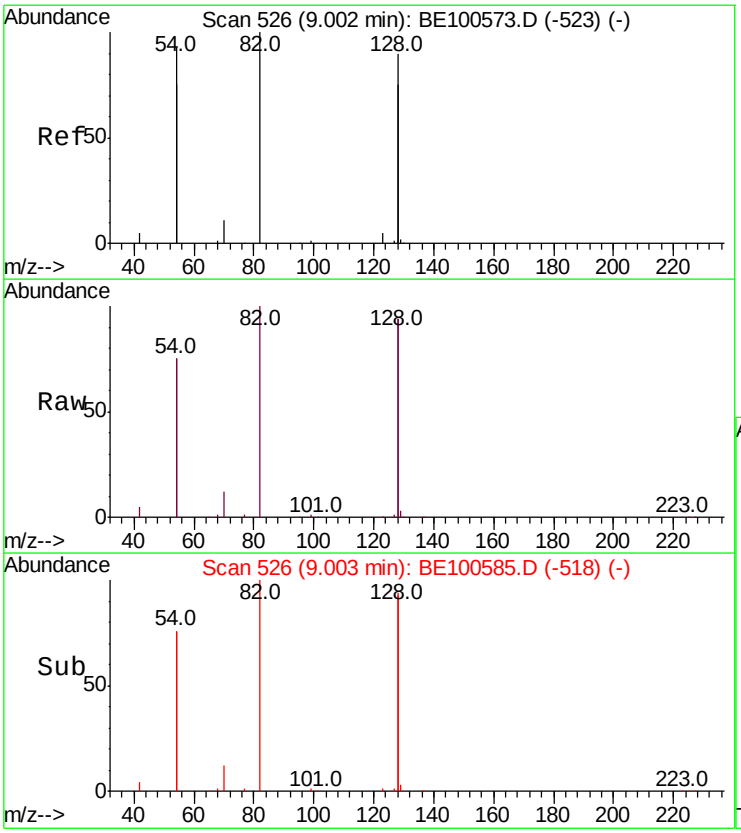
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 12999

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	18.7	15.0	22.6
68	4.6	3.7	5.5

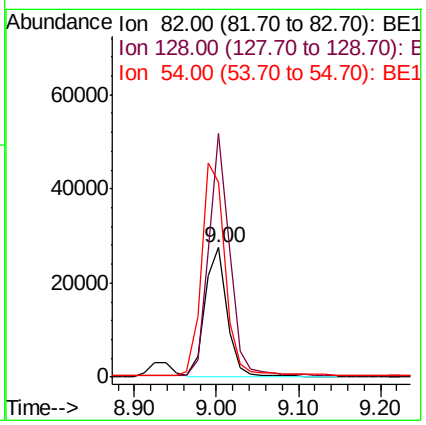


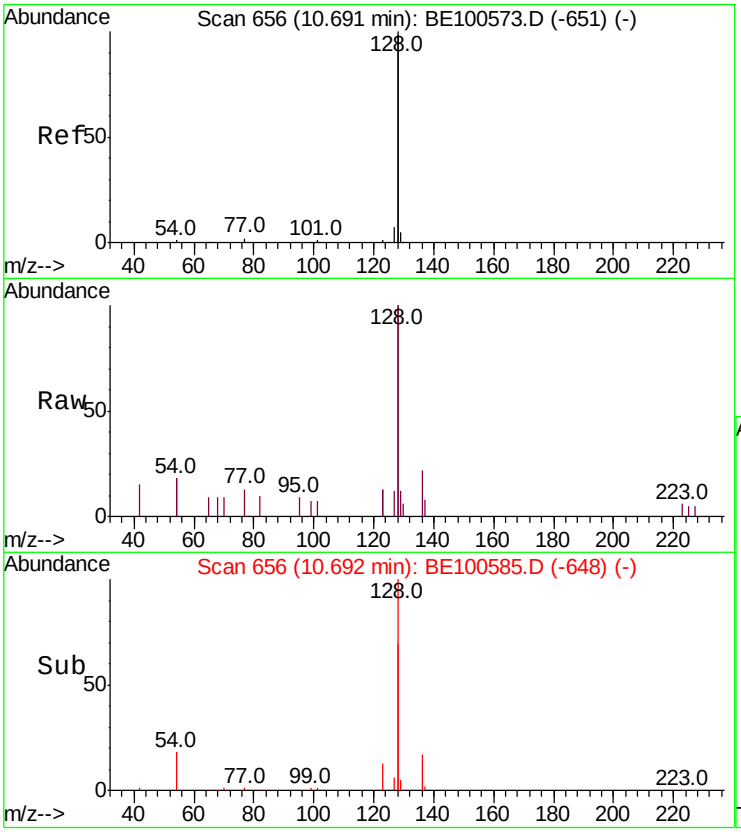


#8
Nitrobenzene-d5
Concen: 5.404 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion: 82 Resp: 50724

Ion	Ratio	Lower	Upper
82	100		
128	188.1	137.9	206.9
54	150.8	143.0	214.6



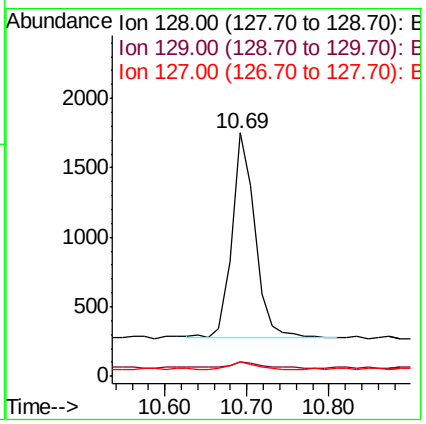


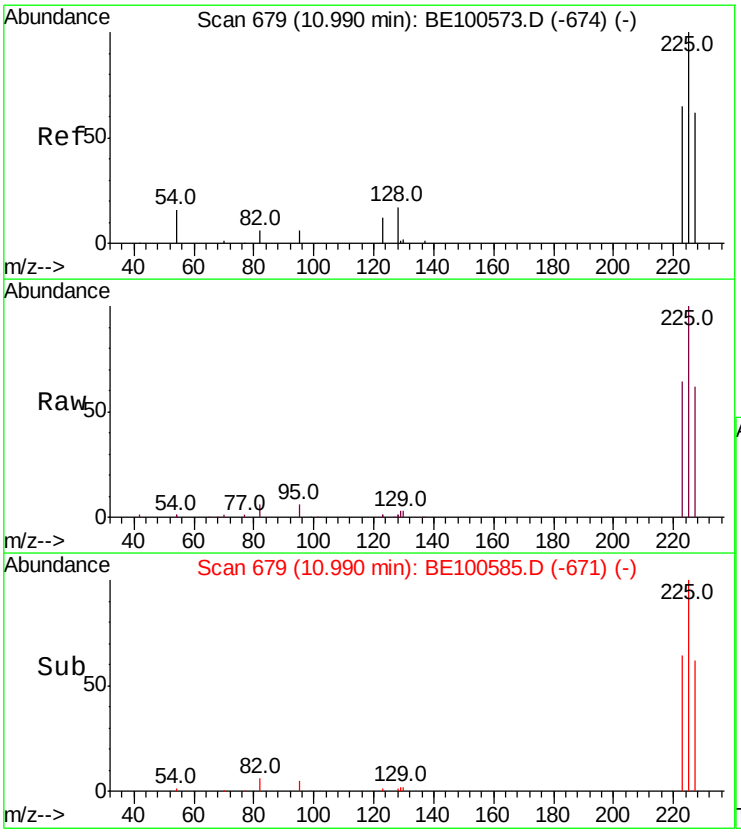
#9
Naphthalene
Concen: 0.021 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 2848

Ion	Ratio	Lower	Upper
128	100		
129	5.8	2.2	3.4#
127	6.1	2.8	4.2#

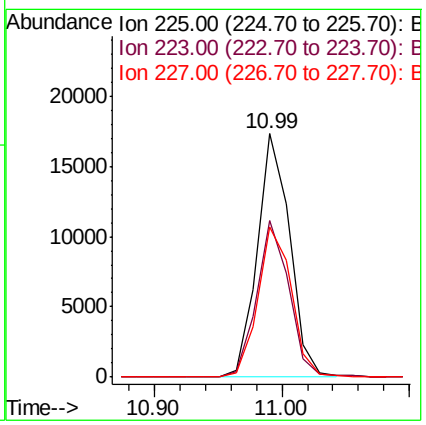


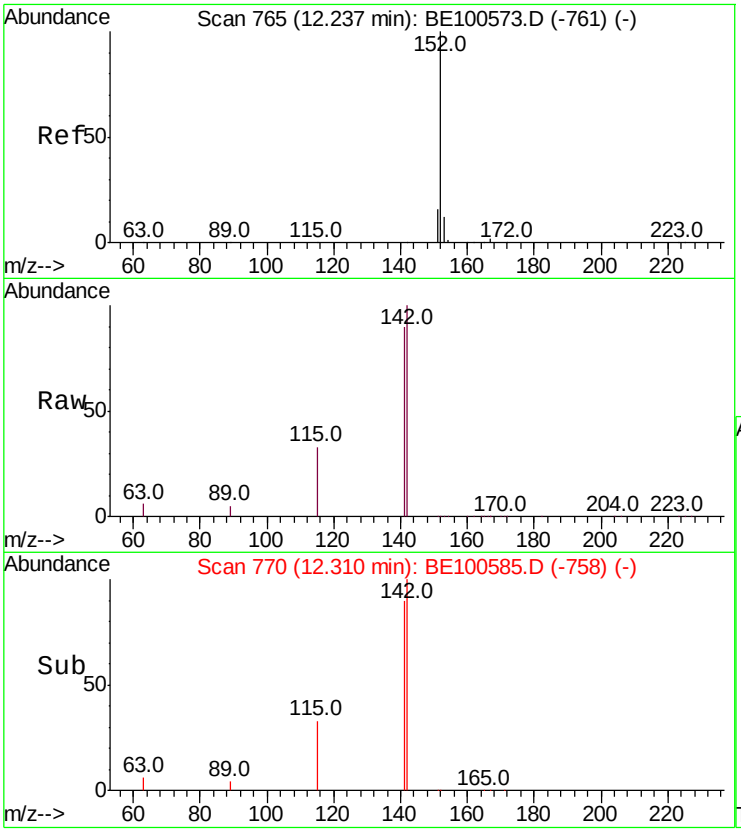


#10
Hexachlorobutadiene
Concen: 7.360 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:225 Resp: 30266

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.4	50.3	75.5



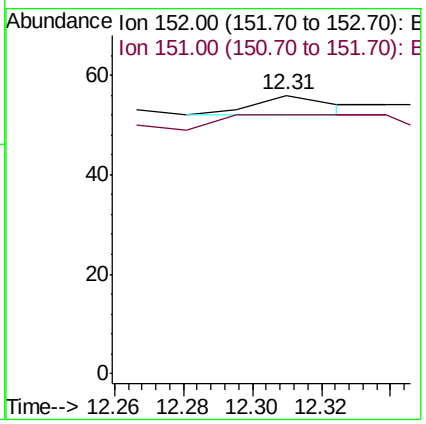


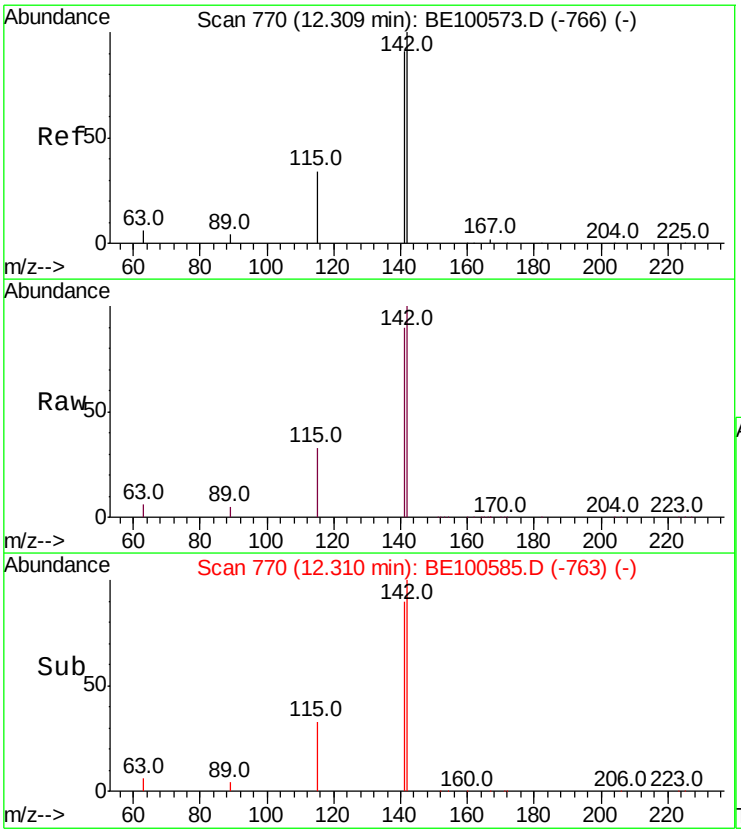
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.07 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 6

Ion	Ratio	Lower	Upper
152	100		
151	266.7	15.3	22.9#

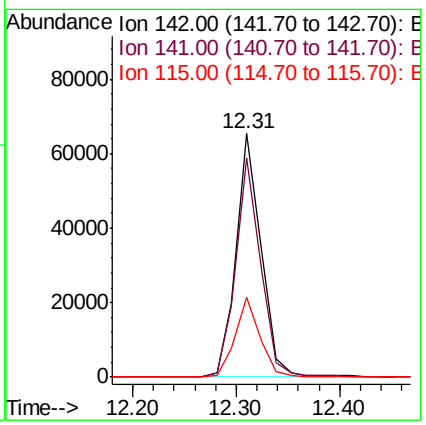


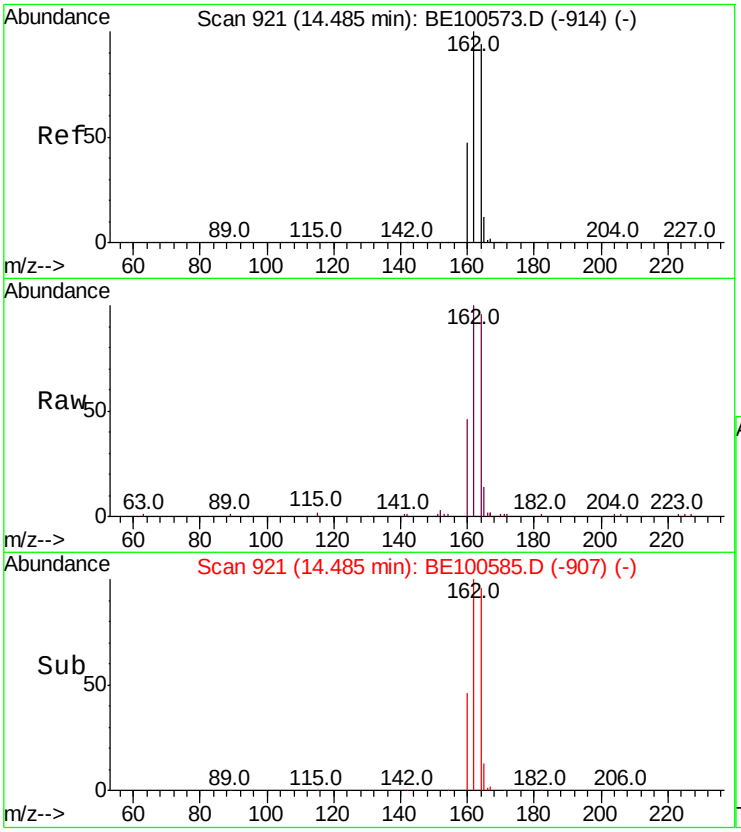


#12
2-Methylnaphthalene
Concen: 4.757 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:142 Resp: 109241

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	32.8	28.2	42.2



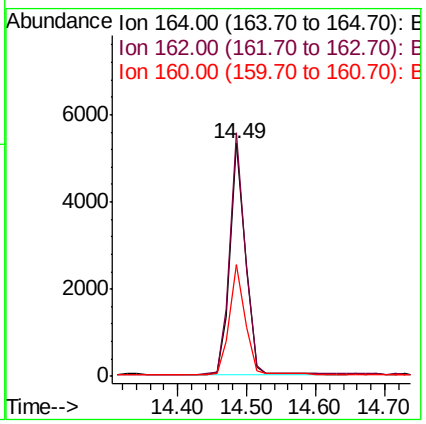


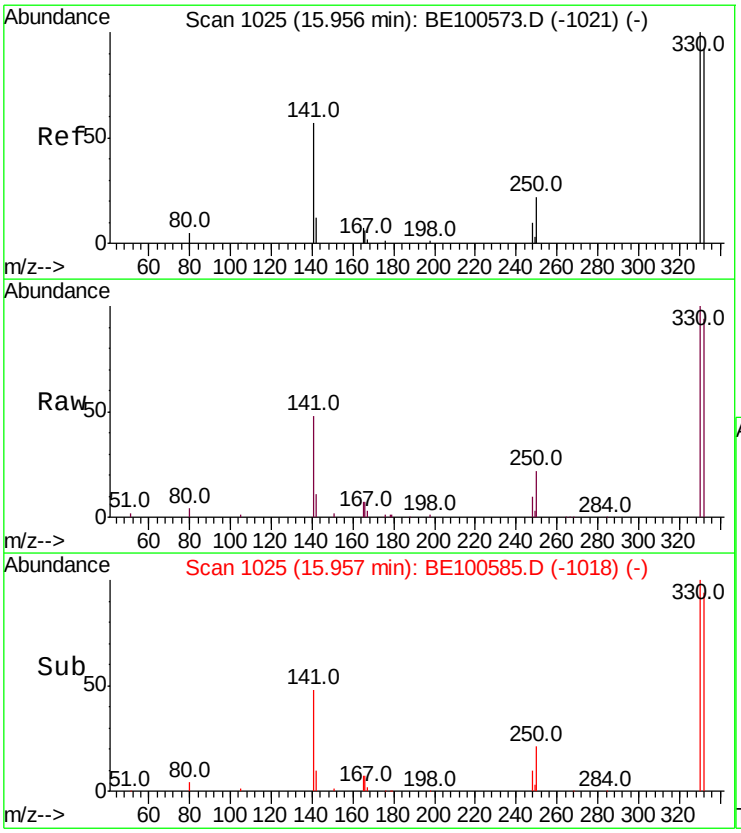
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 8076

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.0	127.4
160	48.2	40.2	60.4

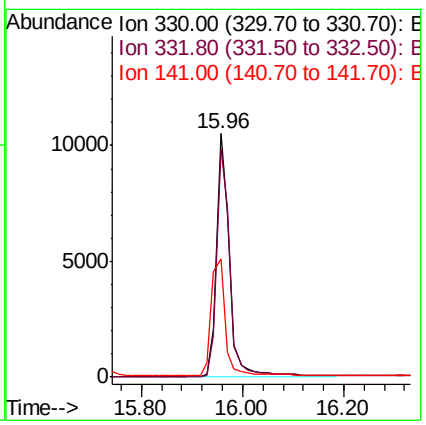


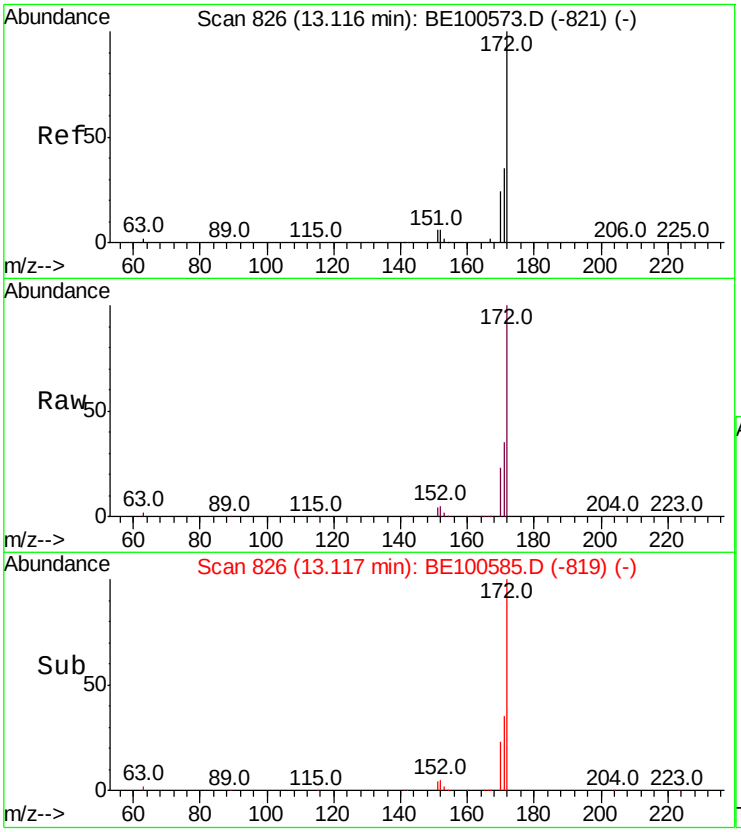


#14
2,4,6-Tribromophenol
Concen: 7.844 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:330 Resp: 18162

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	53.2	42.1	63.1



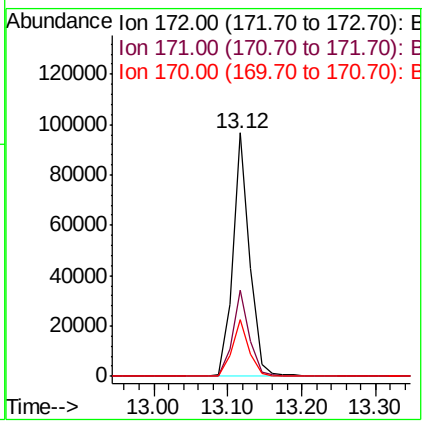


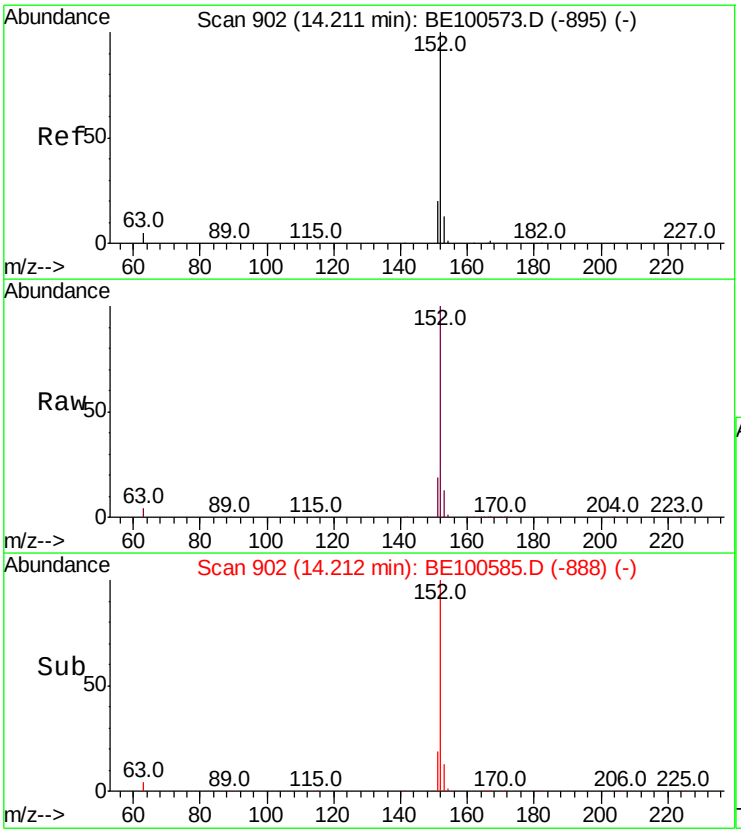
#15
2-Fluorobiphenyl
Concen: 5.457 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 152562

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.3	19.2	28.8

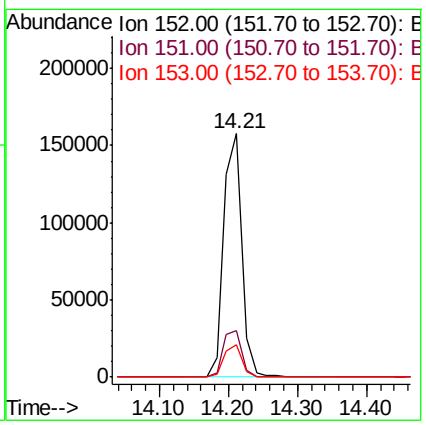


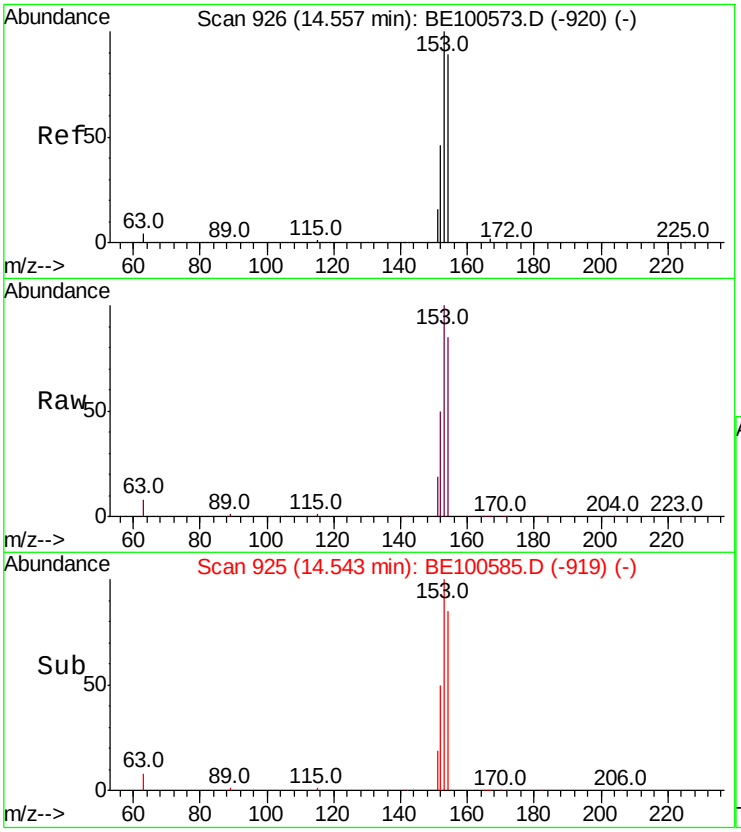


#16
Acenaphthylene
Concen: 8.001 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:152 Resp: 287888

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.6	16.0



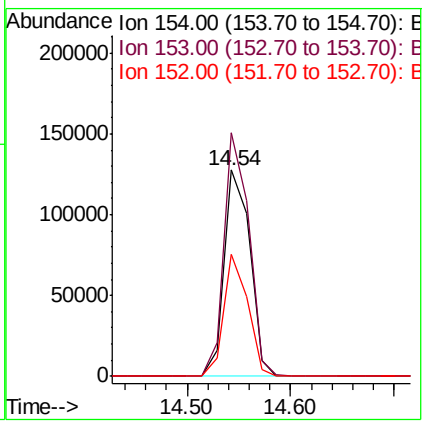


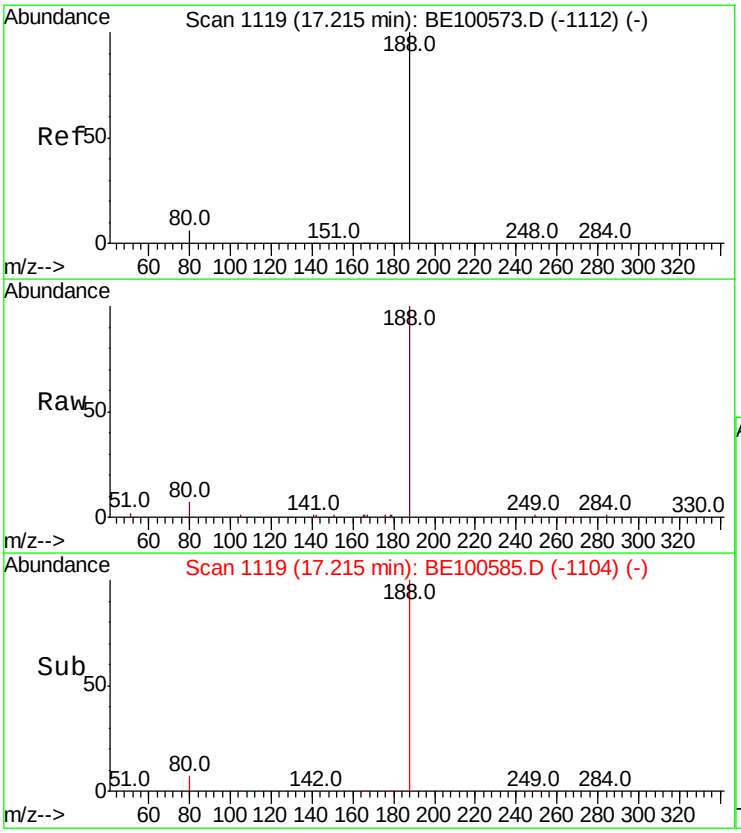
#17
Acenaphthene
Concen: 9.515 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 220050

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.7	139.1
152	55.8	45.6	68.4

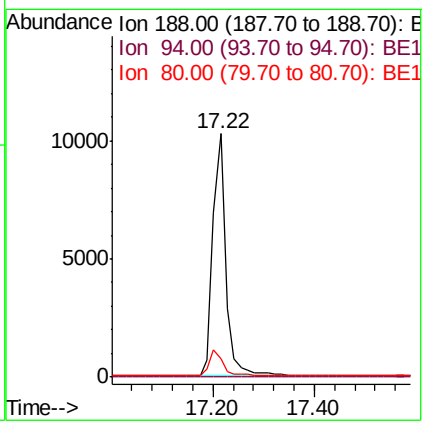


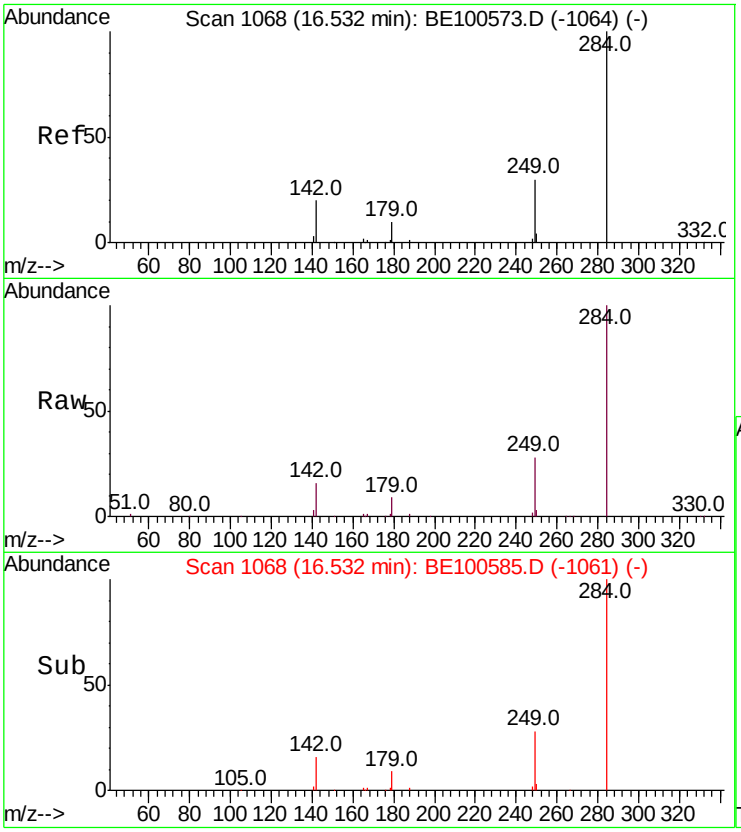


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:188 Resp: 18339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	5.6	8.4



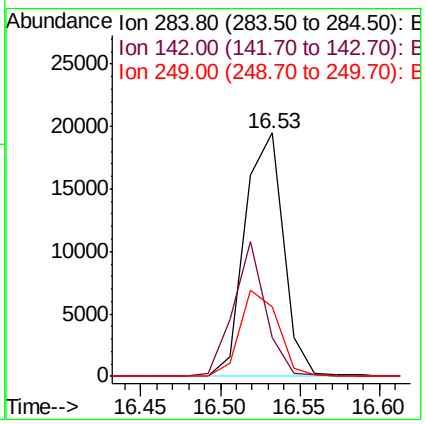


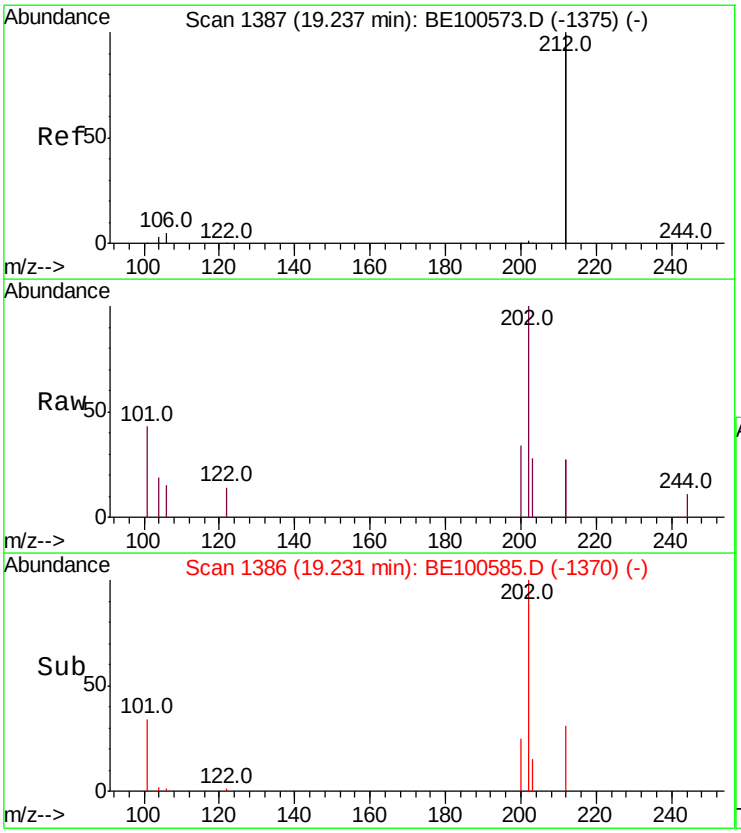
#21
Hexachlorobenzene
Concen: 4.607 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:284 Resp: 32417

Ion	Ratio	Lower	Upper
284	100		
142	46.5	37.0	55.4
249	34.9	27.0	40.4

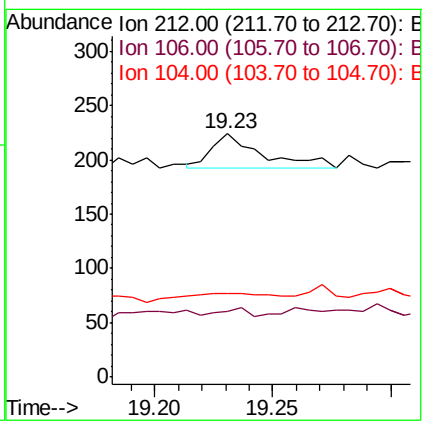


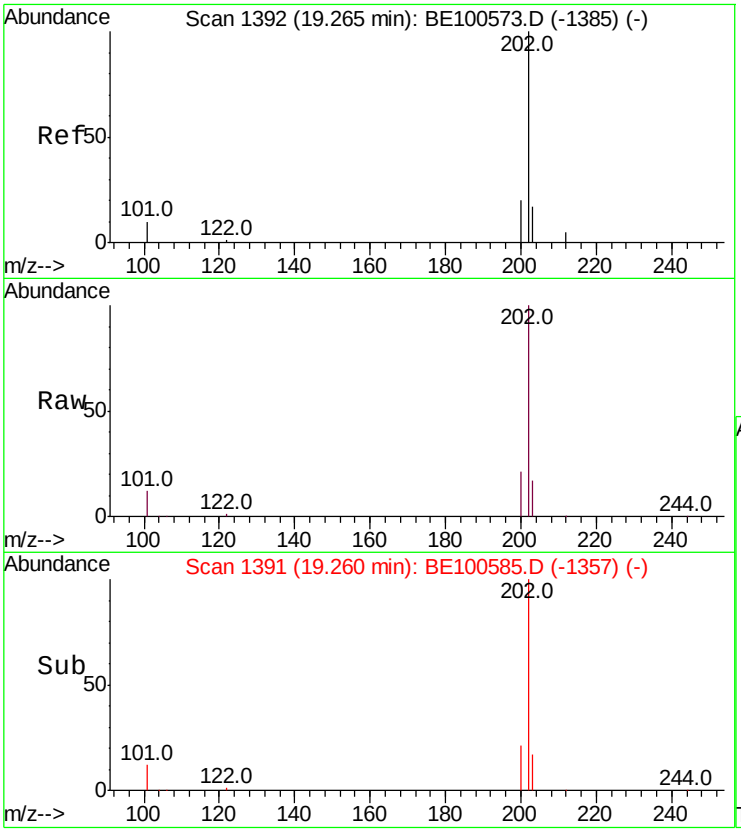


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:212 Resp: 48

Ion	Ratio	Lower	Upper
212	100		
106	10.4	2.5	3.7#
104	45.8	1.4	2.0#



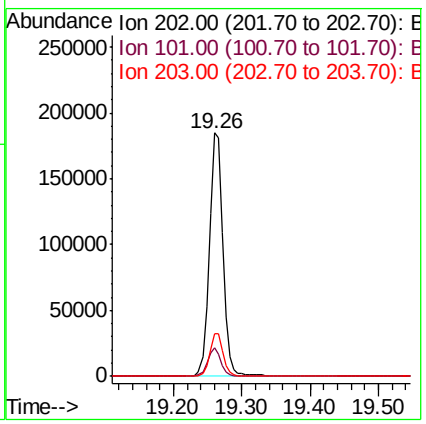


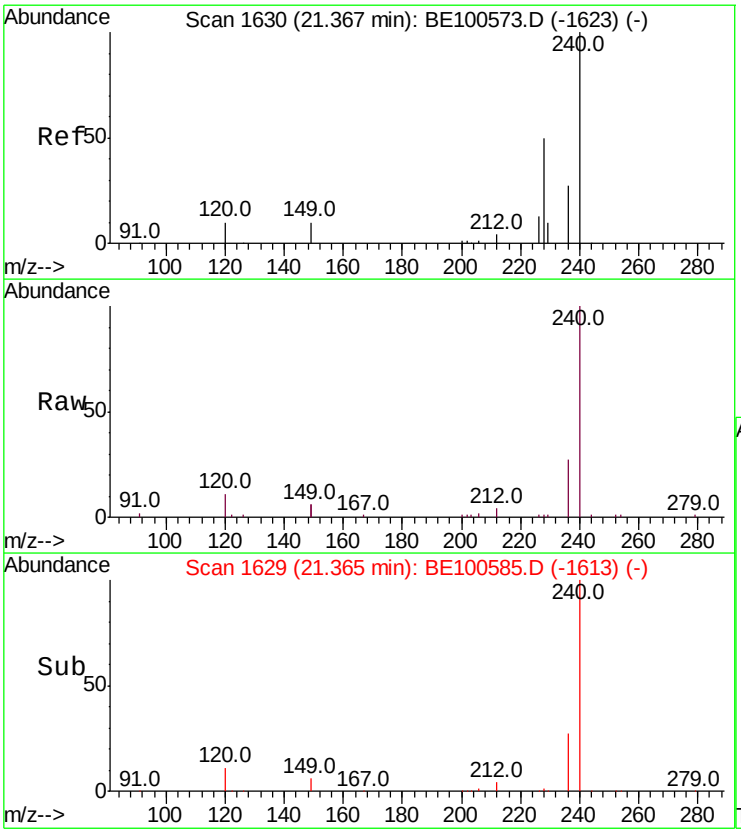
#26
Fluoranthene
Concen: 3.979 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 258695

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.4	13.6	20.4

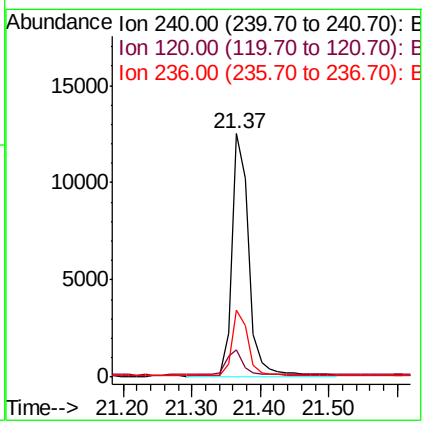


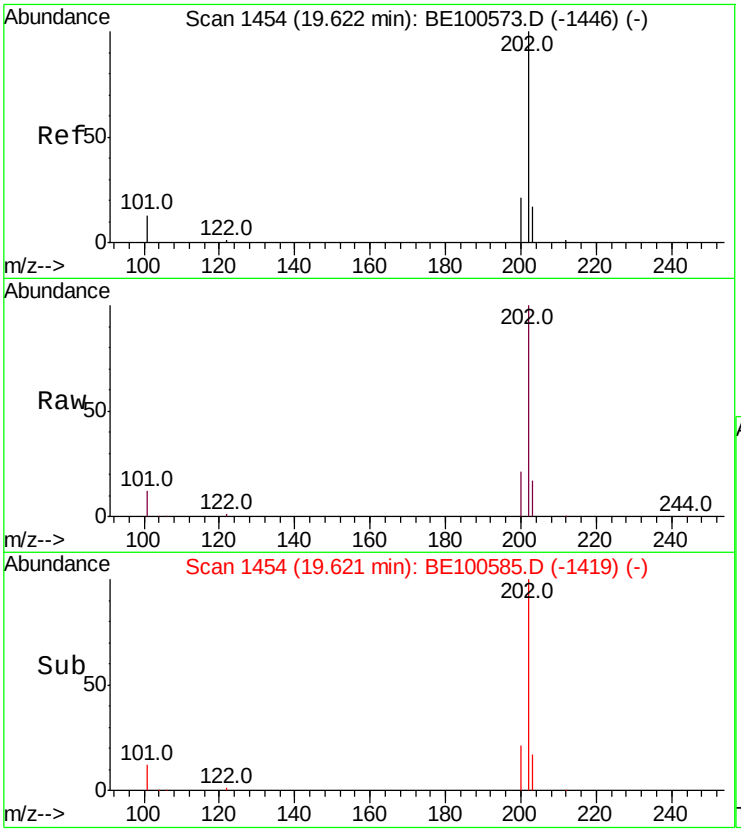


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:240 Resp: 21099

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.7	13.1
236	27.4	21.8	32.8



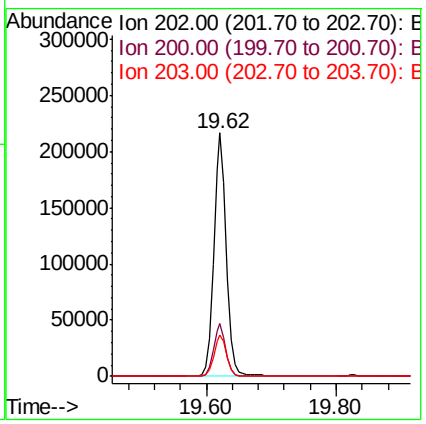


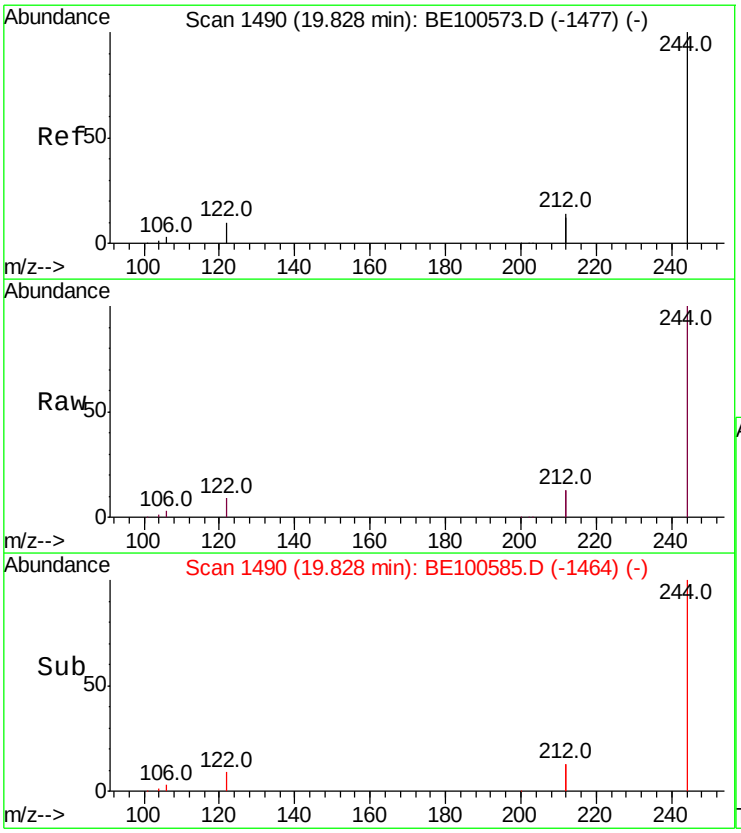
#28
Pyrene
Concen: 4.640 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 296424

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.5	14.2	21.2

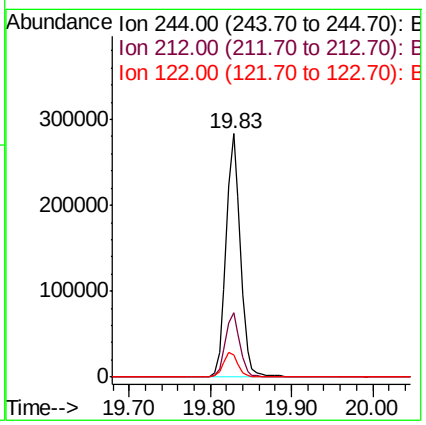


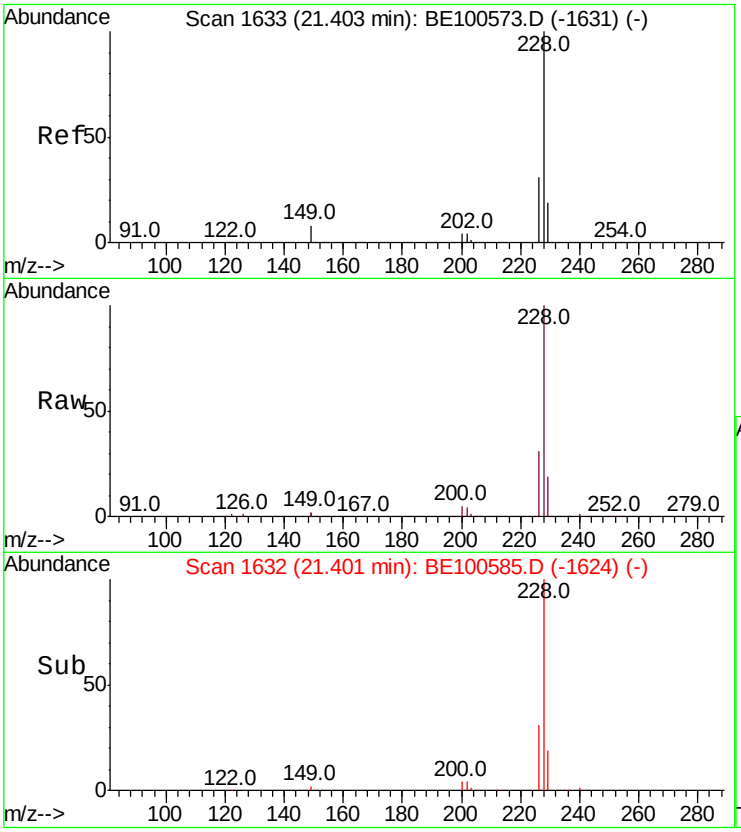


#29
Terphenyl-d14
Concen: 6.697 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:244 Resp: 349156

Ion	Ratio	Lower	Upper
244	100		
212	26.7	21.8	32.8
122	9.3	8.2	12.4



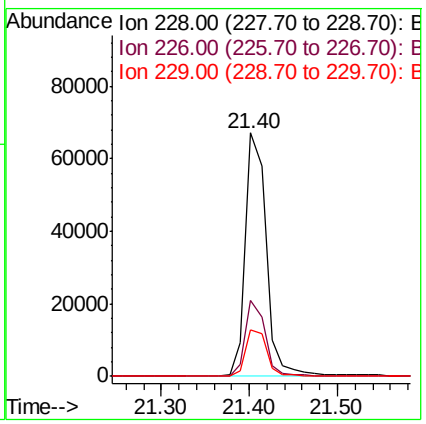


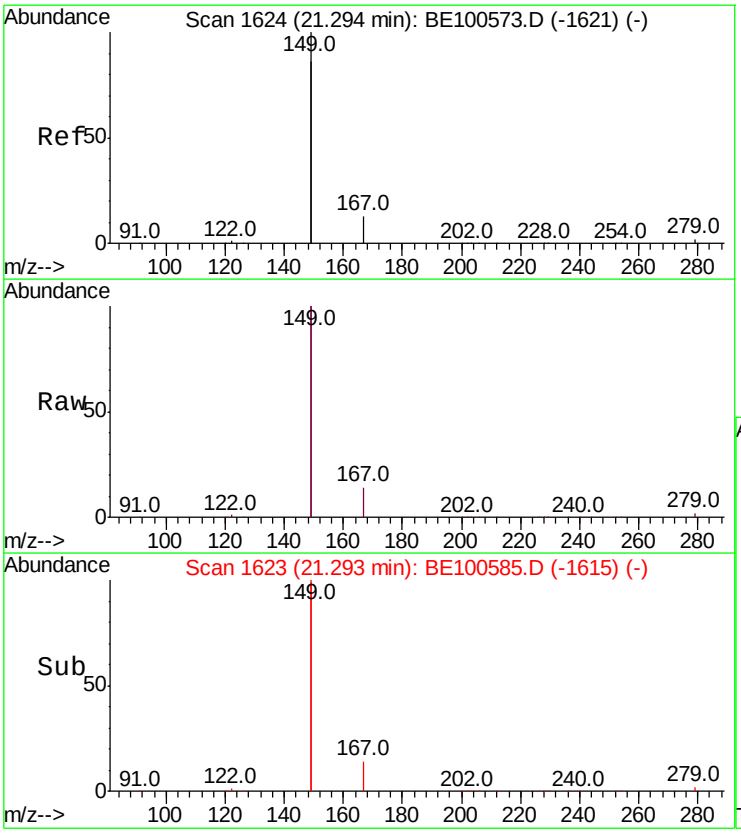
#31
Chrysene
Concen: 1.743 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 110473

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	18.9	15.6	23.4

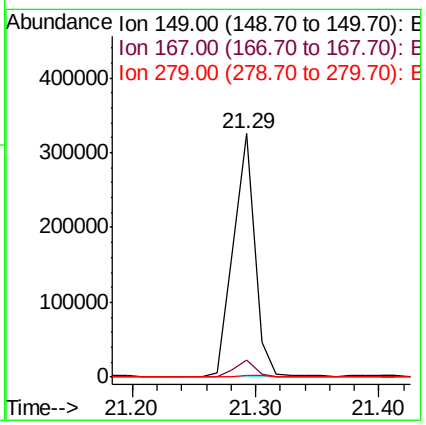


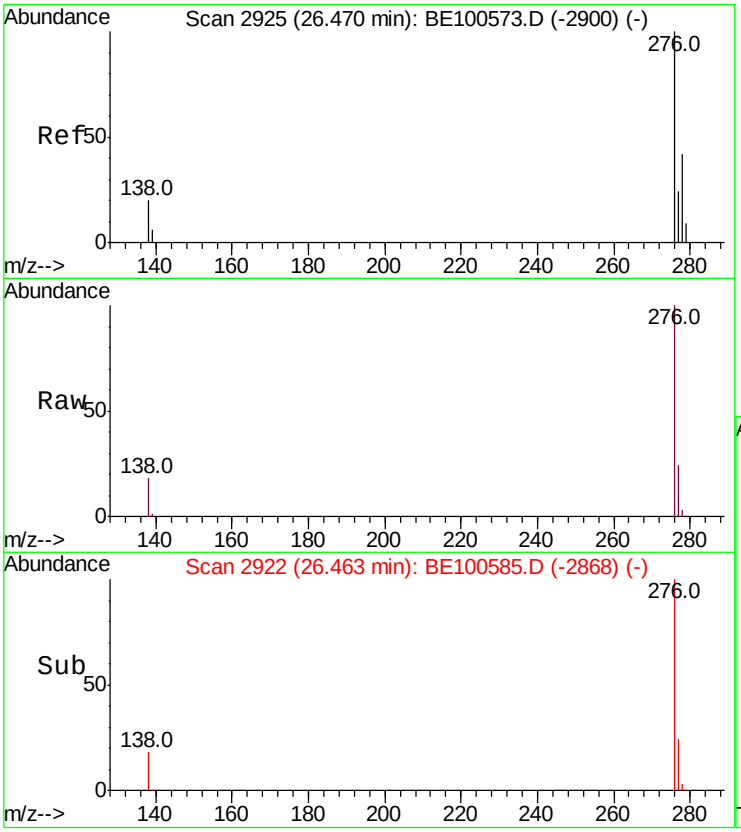


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.348 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:149 Resp: 387291

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.0	7.6
279	1.1	0.8	1.2



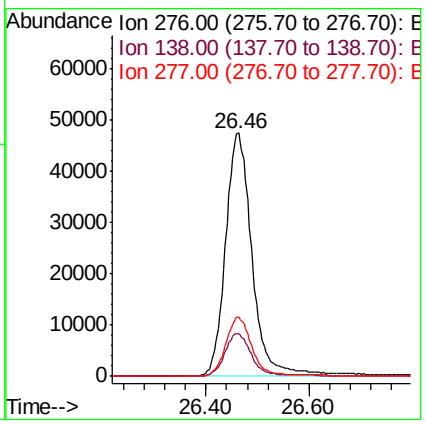


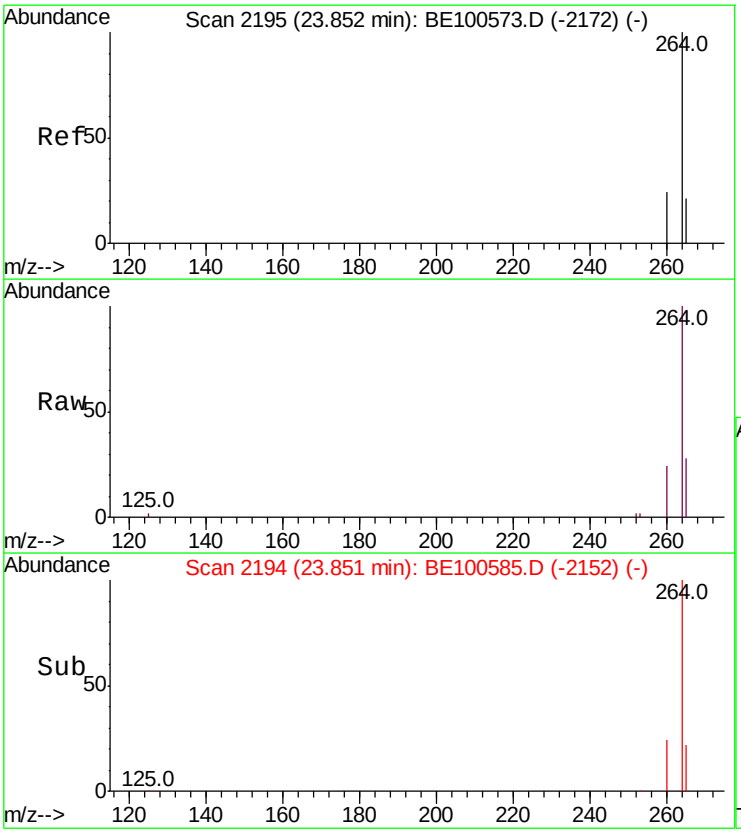
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.159 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 168644

Ion	Ratio	Lower	Upper
276	100		
138	17.6	18.6	27.8#
277	24.0	19.4	29.2

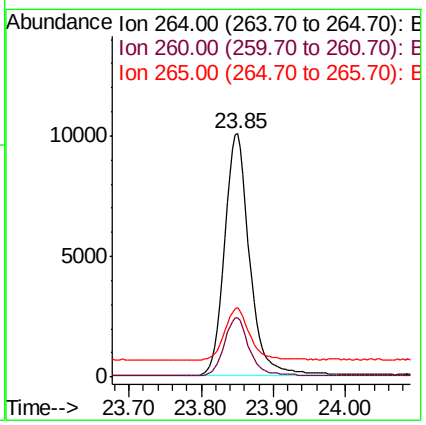


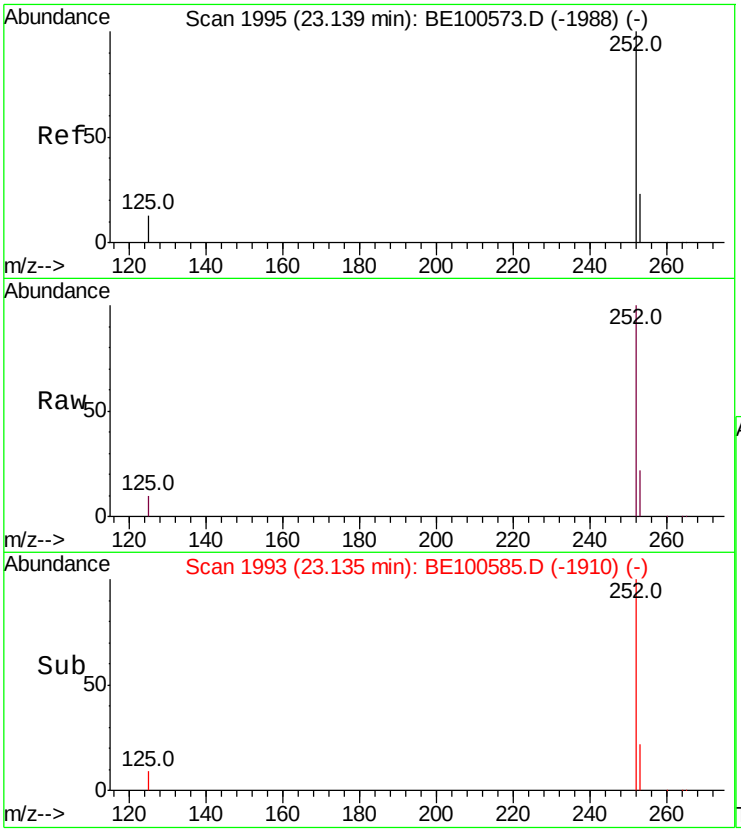


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:264 Resp: 23851

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	28.5	22.2	33.4



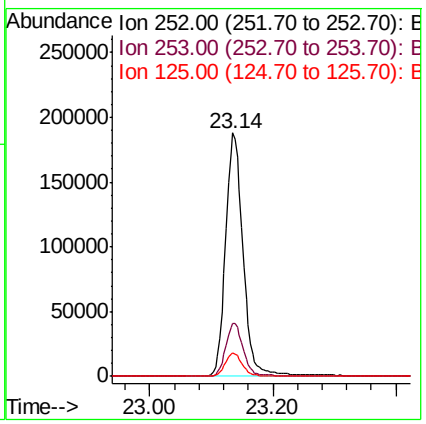


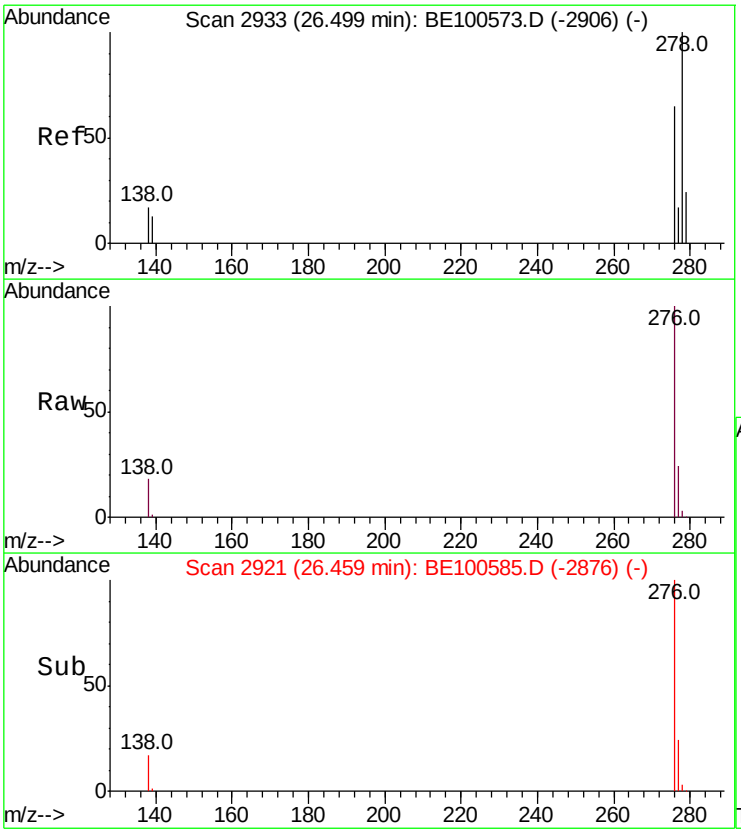
#36
Benzo(k)fluoranthene
Concen: 5.216 ng
RT: 23.14 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 370964

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	9.6	11.4	17.2#

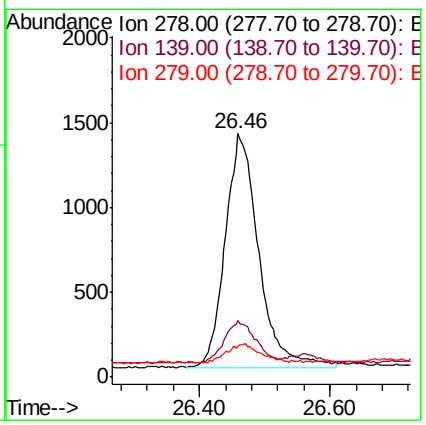


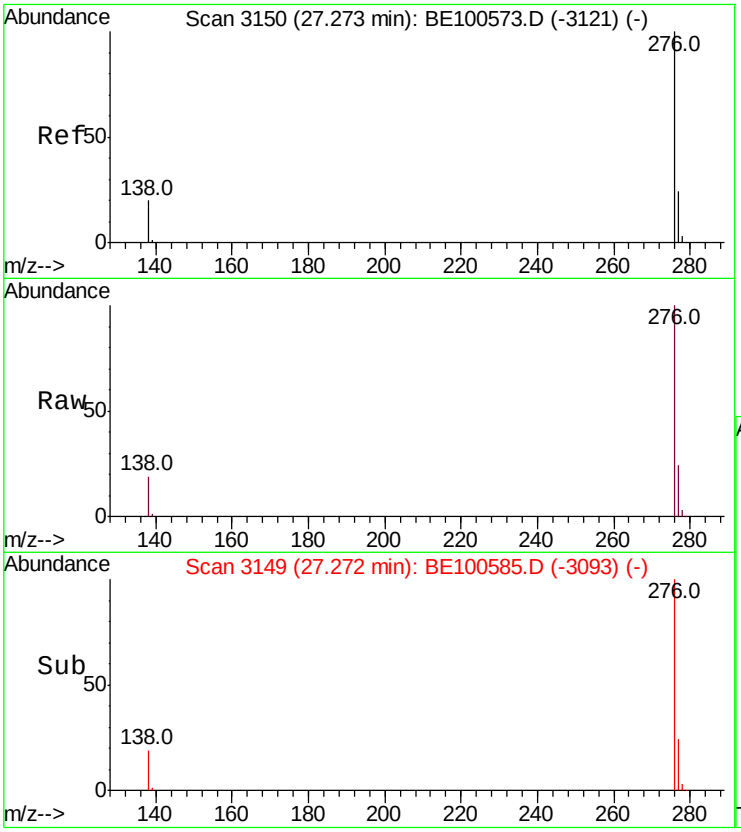


#38
Dibenzo(a,h)anthracene
Concen: 0.077 ng
RT: 26.46 min Scan# 2921
Delta R.T. -0.04 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Tgt Ion:278 Resp: 4889

Ion	Ratio	Lower	Upper
278	100		
139	23.1	11.7	17.5#
279	12.5	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 3.745 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BE100585.D
Acq: 30 Sep 2019 17:21

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 243042

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.7	29.5
138	19.4	17.0	25.4