Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100634.D
Acq On : 11 Oct 2019 10:15
Operator : JU
Sample : K4839-05DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WPDL

Quant Time: Oct 11 14:39:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6455	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	23886	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	14603	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	33558	0.40	ng		0.00
27) Chrysene-d12	21.37	240	49505	0.40	ng		0.00
34) Perylene-d12	23.85	264	51094	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	97573	4.90	ng		0.00
5) Phenol-d6	7.01	99	153253	5.45	ng		0.00
8) Nitrobenzene-d5	8.99	82	60886	4.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	43	0.00	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	23041	5.97	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	213427	4.01	ng		0.00
25) Fluoranthene-d10	19.23	212	555	0.00	ng		0.00
29) Terphenyl-d14	19.83	244	472508	4.37	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.68	42	45916	3.769	ng	#	95
9) Naphthalene	10.69	128	5941	0.024	ng	#	95
10) Hexachlorobutadiene	10.99	225	56217	5.151	ng		99
12) 2-Methylnaphthalene	12.31	142	144830	3.383	ng		99
16) Acenaphthylene	14.20	152	350079	5.571	ng		99
17) Acenaphthene	14.54	154	277450	6.832	ng		99
18) Fluorene	15.51	166	2488	0.046	ng	#	92
21) Hexachlorobenzene	16.52	284	52402	3.221	ng		99
22) Pentachlorophenol	16.87	266	150	0.029	ng	#	79
26) Fluoranthene	19.26	202	364213	3.023	ng		100
28) Pyrene	19.62	202	419670	3.034	ng		100
31) Chrysene	21.40	228	204714	1.268	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	577451	1.710	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.46	276	288112	1.453	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	655869	4.280	ng		99
39) Benzo(g,h,i)perylene	27.26	276	420098	2.914	ng		99

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

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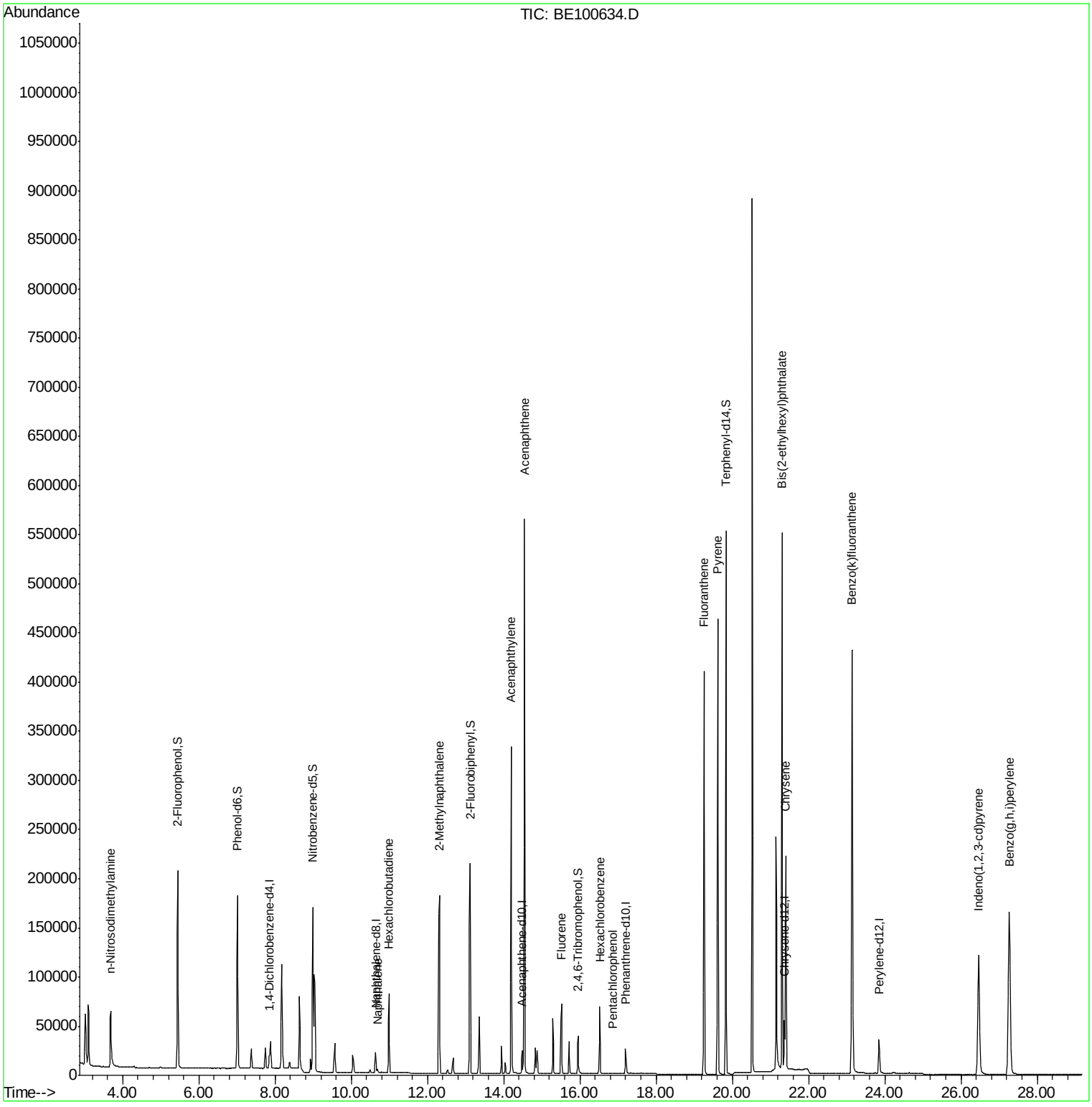
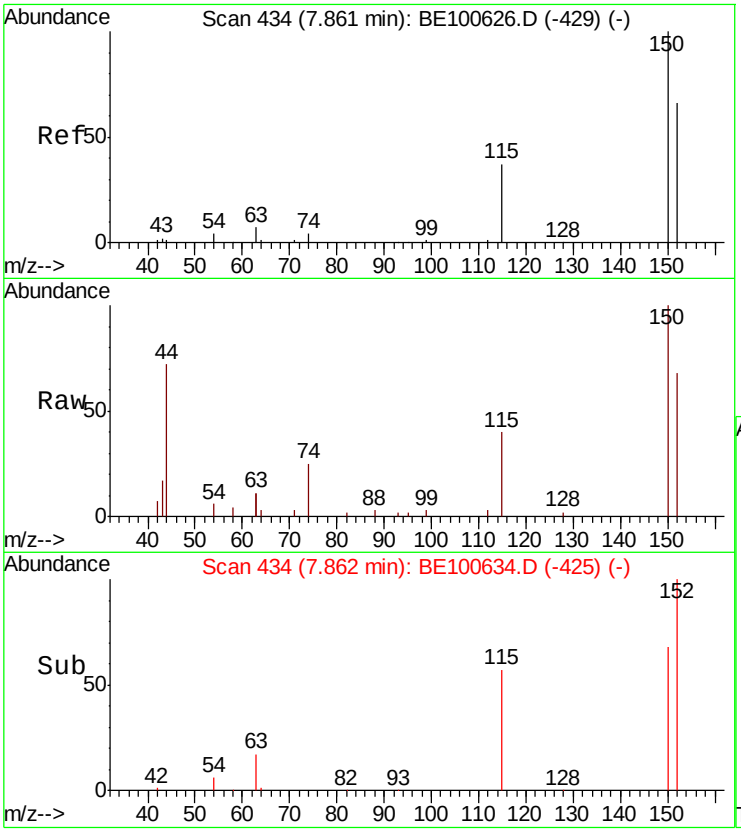


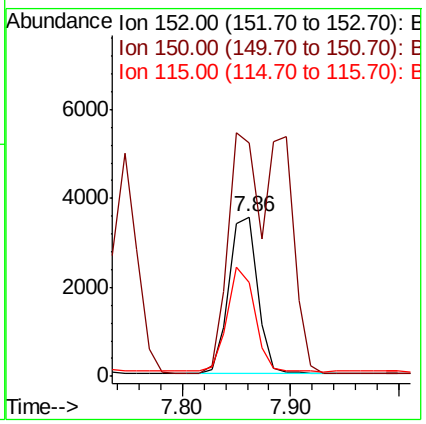


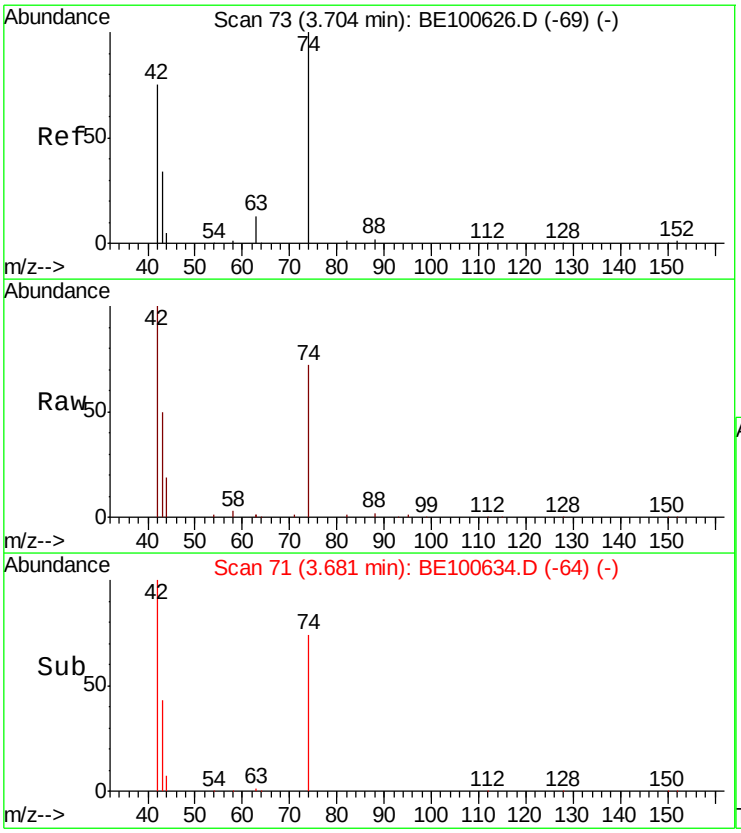
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 6455

Ion	Ratio	Lower	Upper
152	100		
150	146.6	120.7	181.1
115	58.9	48.0	72.0

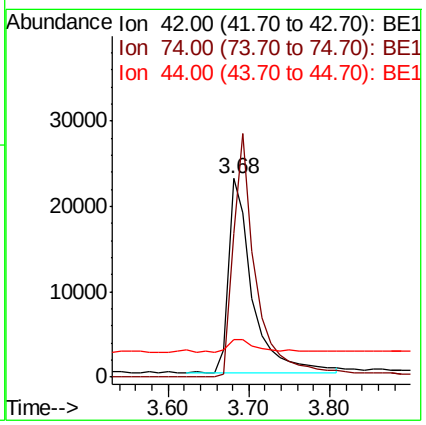


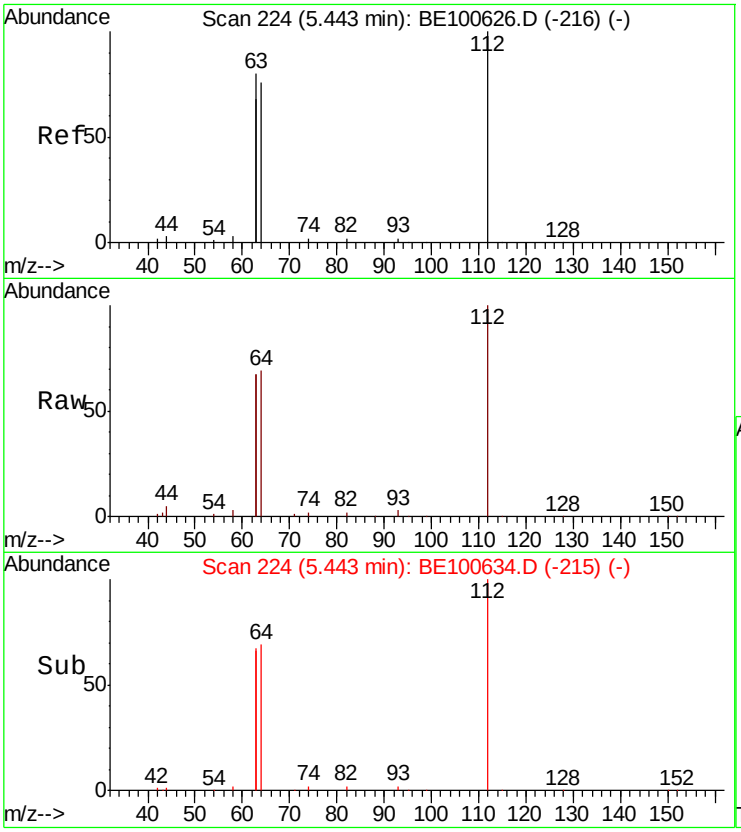


#3
n-Nitrosodimethylamine
Concen: 3.769 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion: 42 Resp: 45916

Ion	Ratio	Lower	Upper
42	100		
74	119.7	91.7	137.5
44	8.1	8.2	12.2#



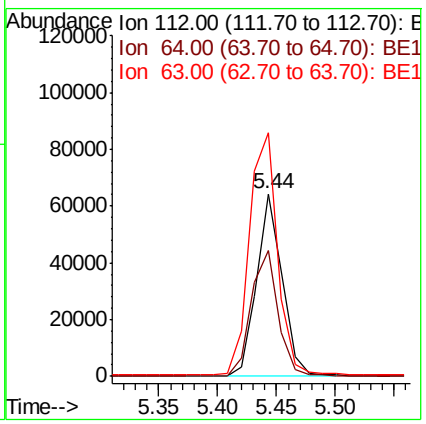


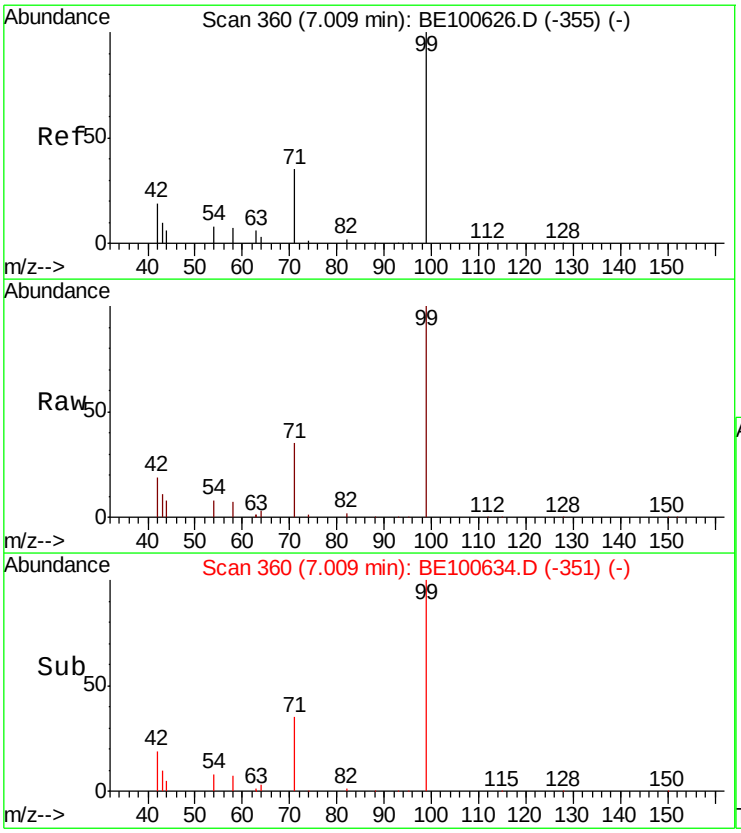
#4
2-Fluorophenol
Concen: 4.895 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 97573

Ion	Ratio	Lower	Upper
112	100		
64	72.5	58.9	88.3
63	146.3	118.3	177.5

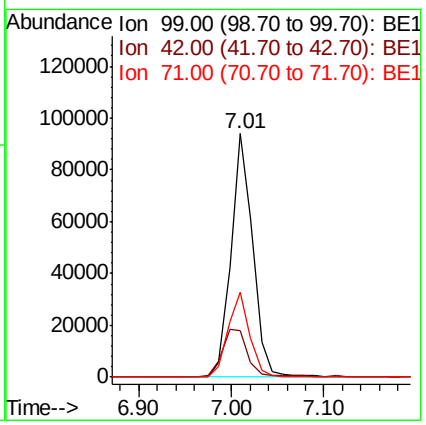


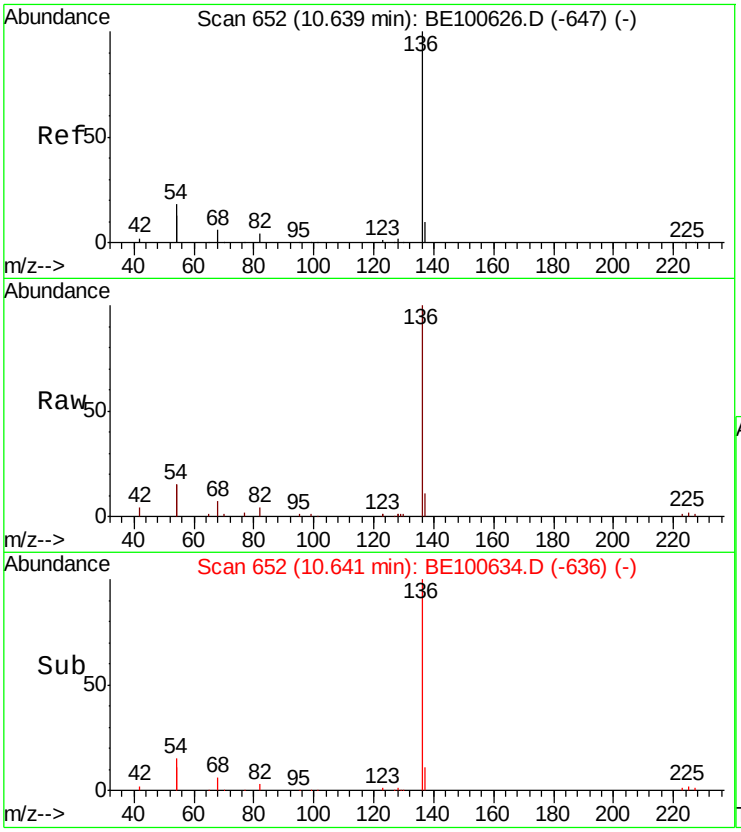


#5
Phenol-d6
Concen: 5.452 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion: 99 Resp: 153253

Ion	Ratio	Lower	Upper
99	100		
42	21.9	19.4	29.2
71	34.7	26.9	40.3



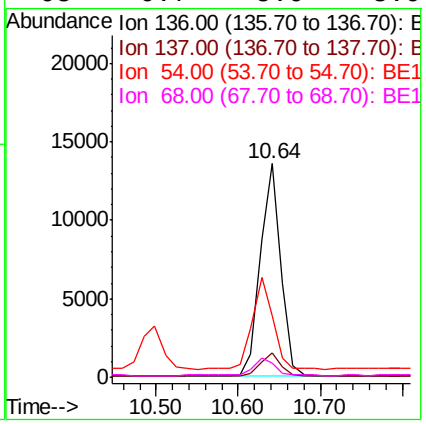


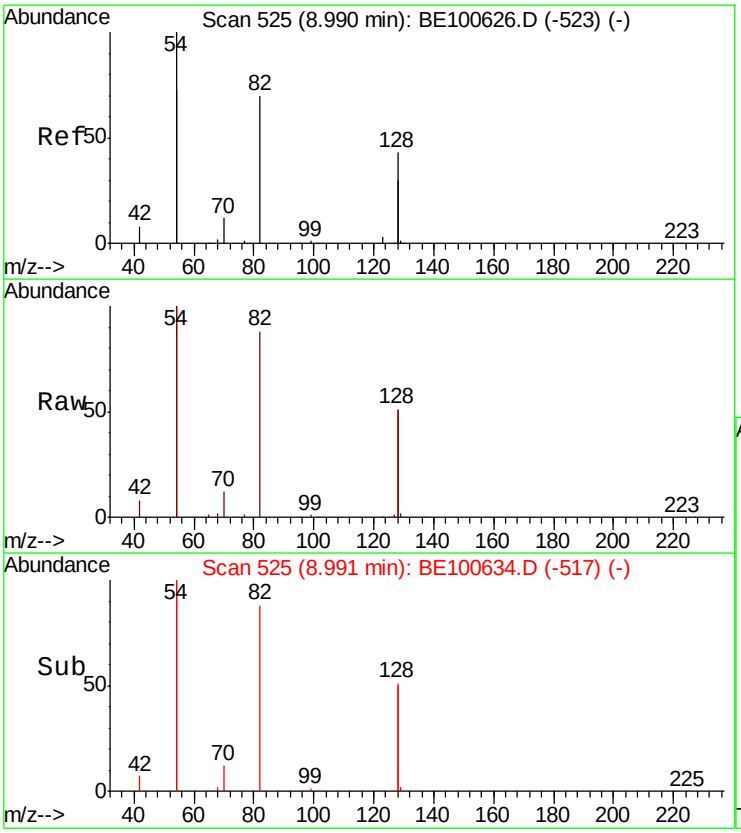
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 23886

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	29.1	28.7	43.1
68	6.7	5.9	8.9

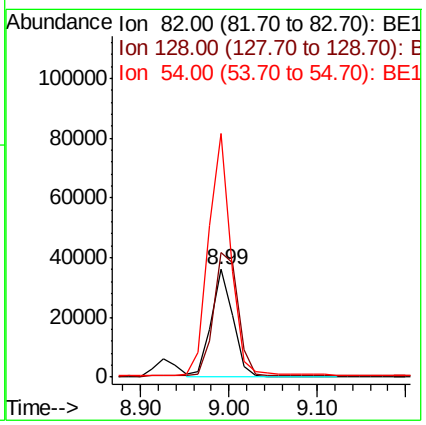


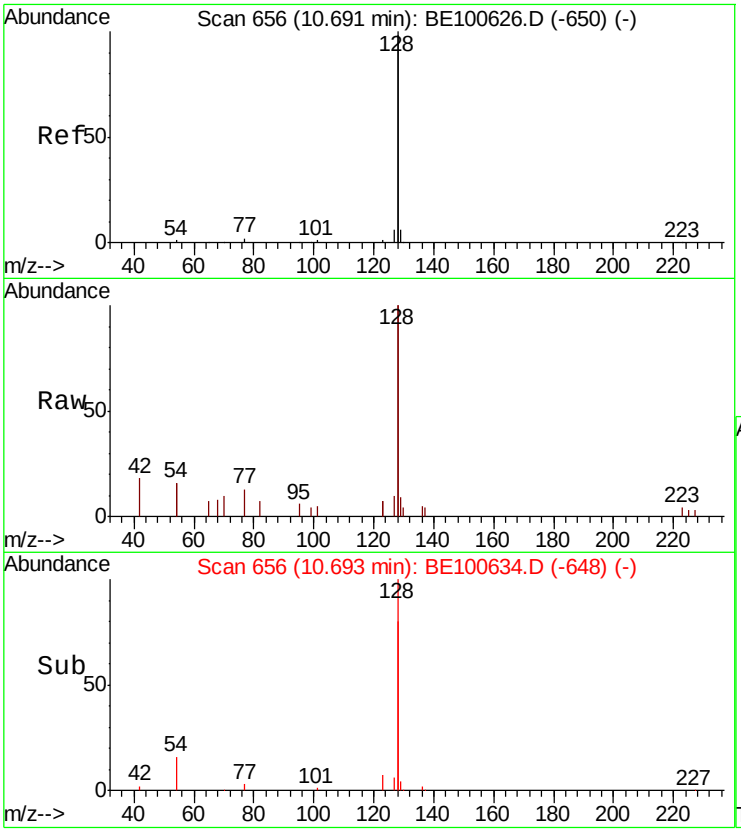


#8
Nitrobenzene-d5
Concen: 4.112 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion: 82 Resp: 60886

Ion	Ratio	Lower	Upper
82	100		
128	116.0	90.7	136.1
54	226.3	210.9	316.3



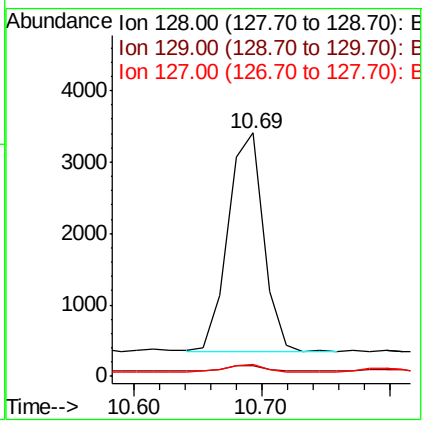


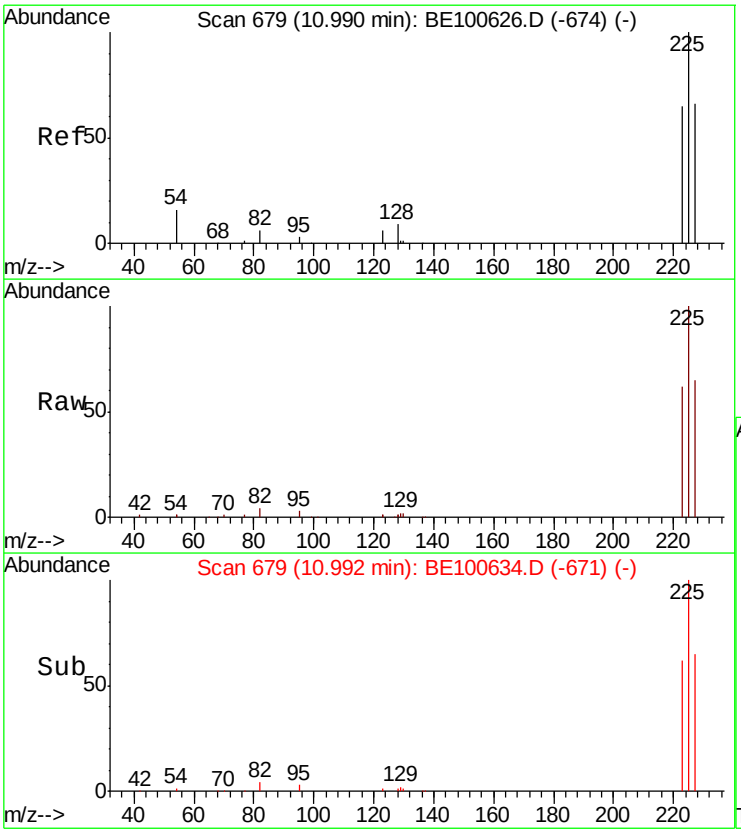
#9
Naphthalene
Concen: 0.024 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 5941

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.4	3.6#
127	5.0	2.6	3.8#

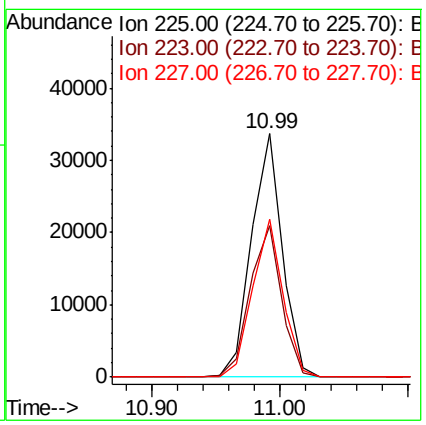


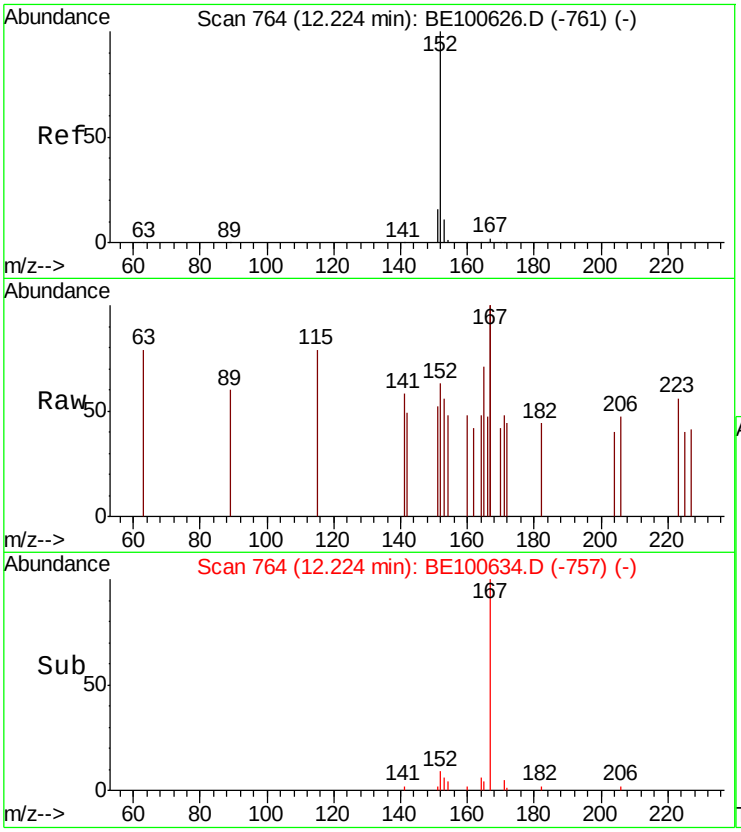


#10
Hexachlorobutadiene
Concen: 5.151 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:225 Resp: 56217

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.2	76.8
227	63.8	51.8	77.8



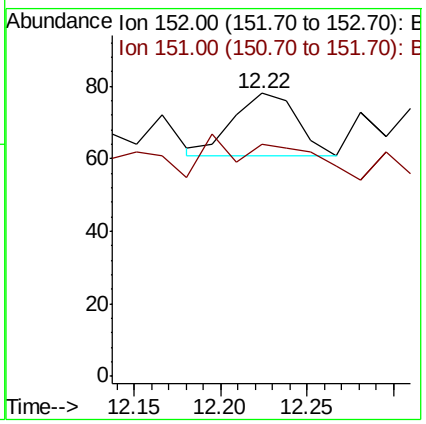


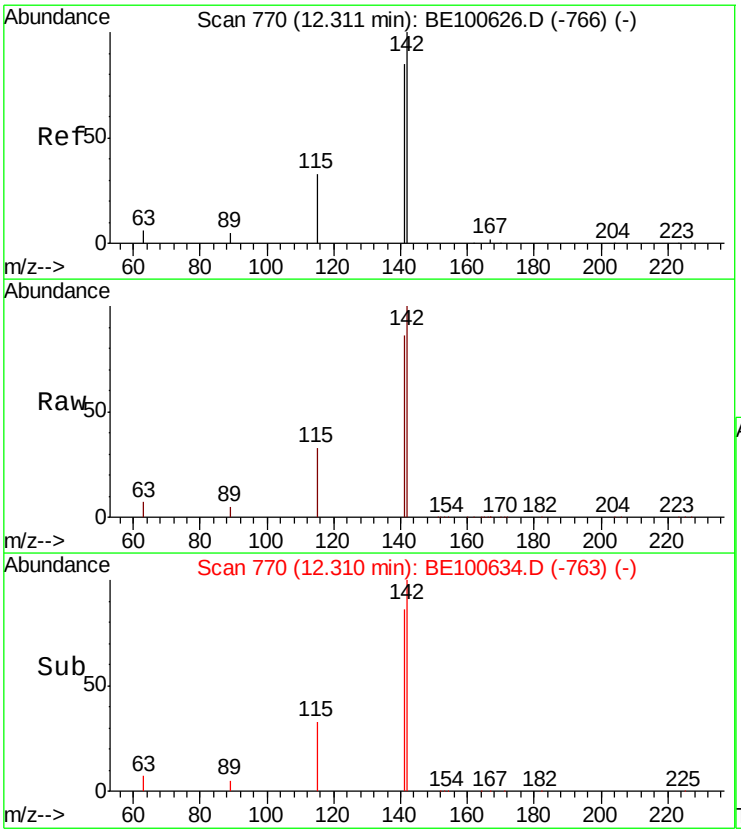
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 43

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.2	22.8#

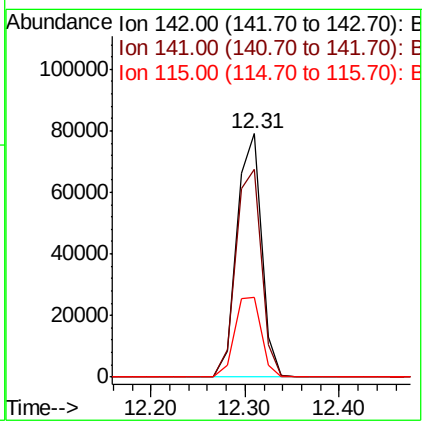


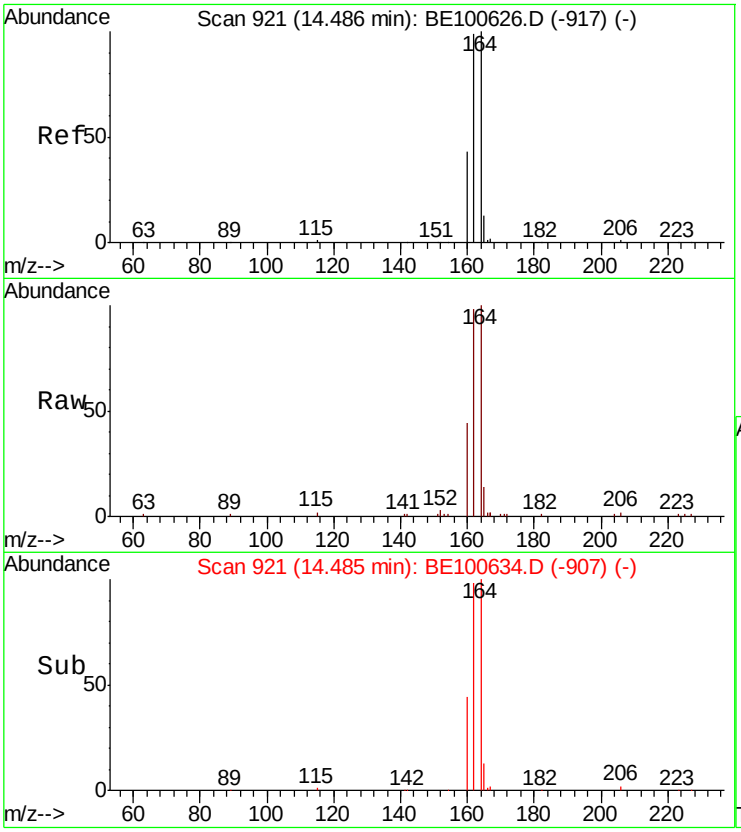


#12
2-Methylnaphthalene
Concen: 3.383 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:142 Resp: 144830

Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.3	102.5
115	32.7	27.5	41.3



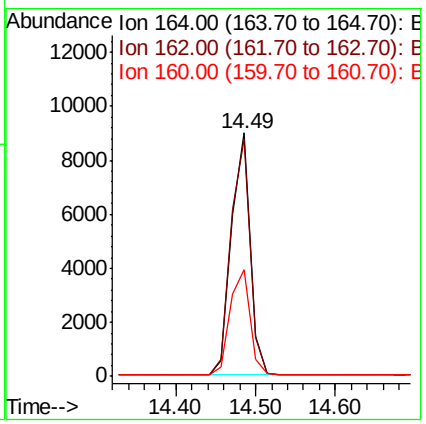


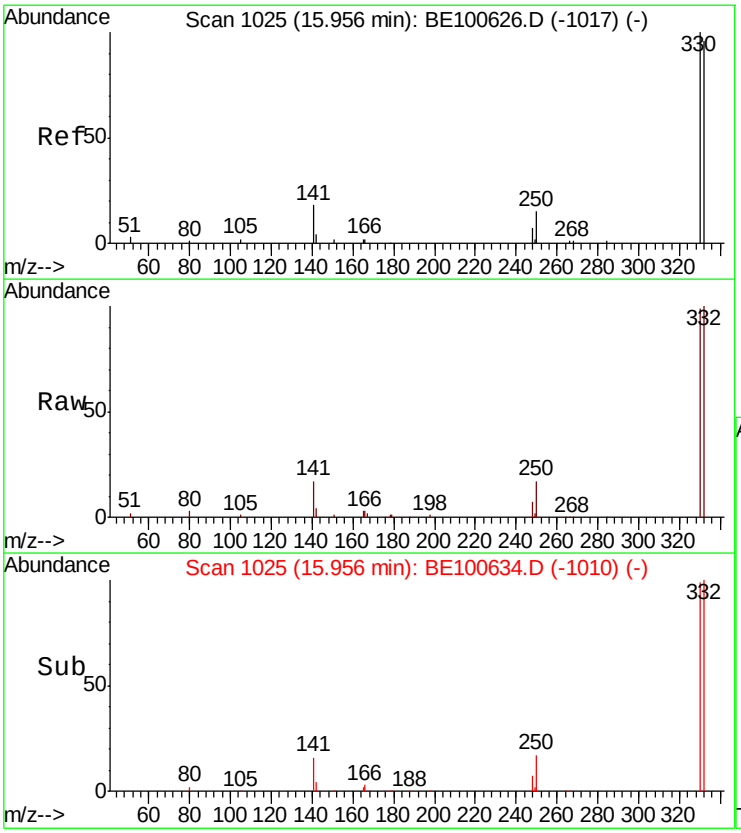
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 14603

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.1	118.7
160	44.1	34.7	52.1

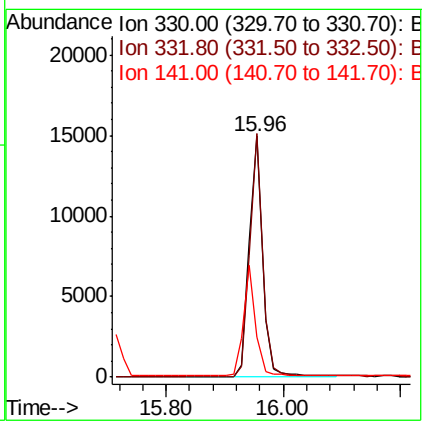


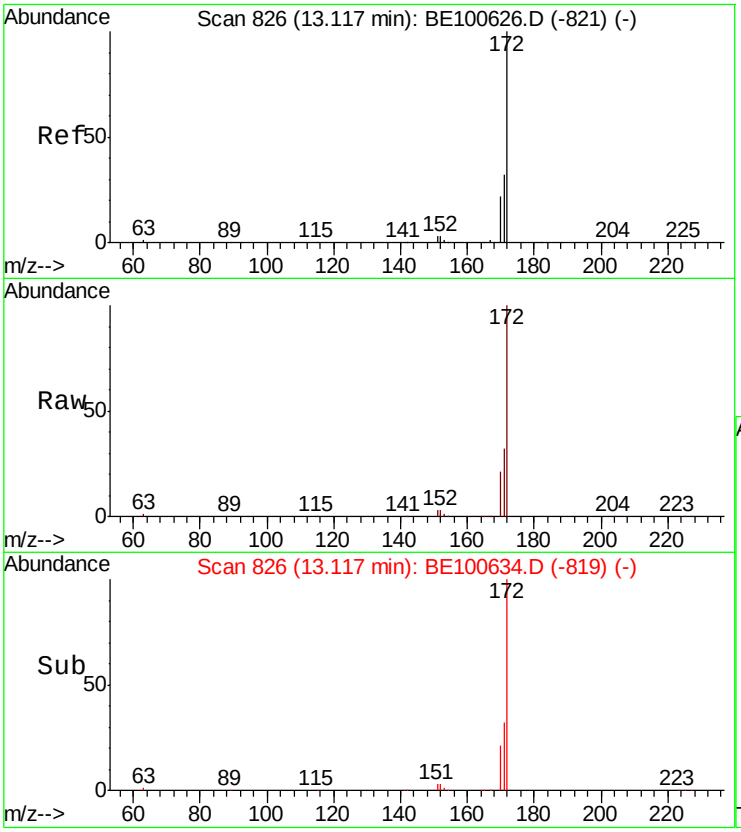


#14
2,4,6-Tribromophenol
Concen: 5.971 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:330 Resp: 23041

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.2	112.8
141	43.2	37.5	56.3



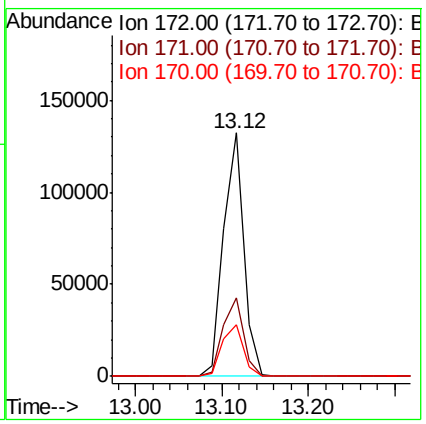


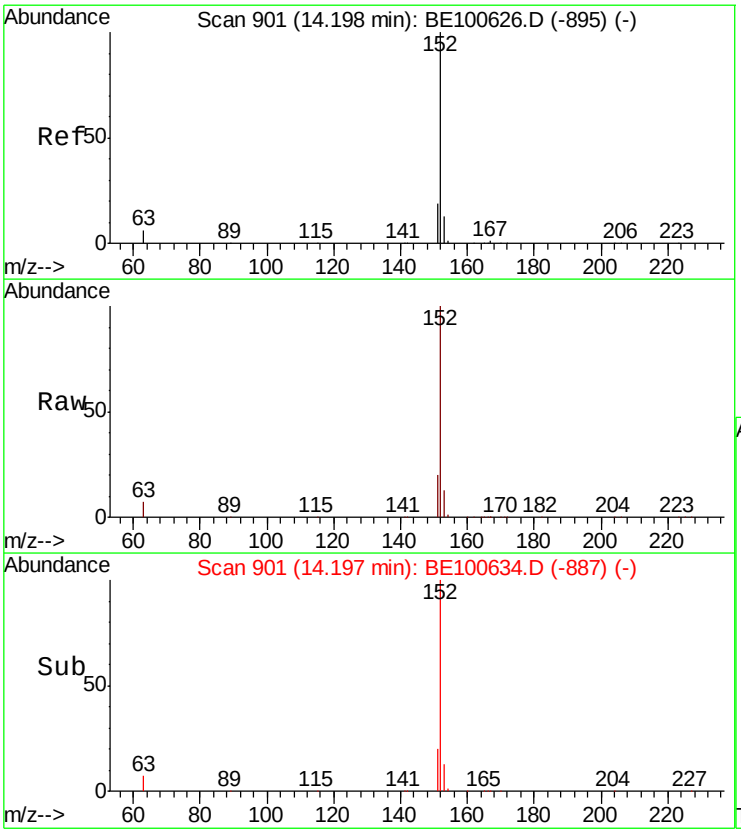
#15
2-Fluorobiphenyl
Concen: 4.011 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 213427

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.2	39.4
170	21.0	17.5	26.3

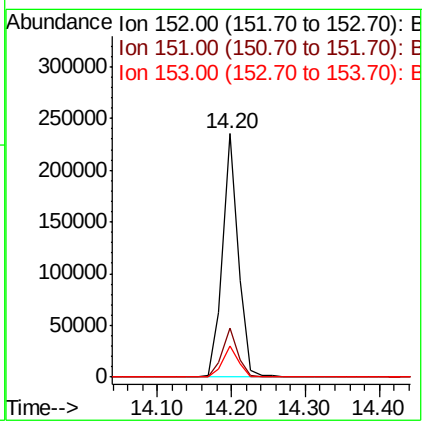


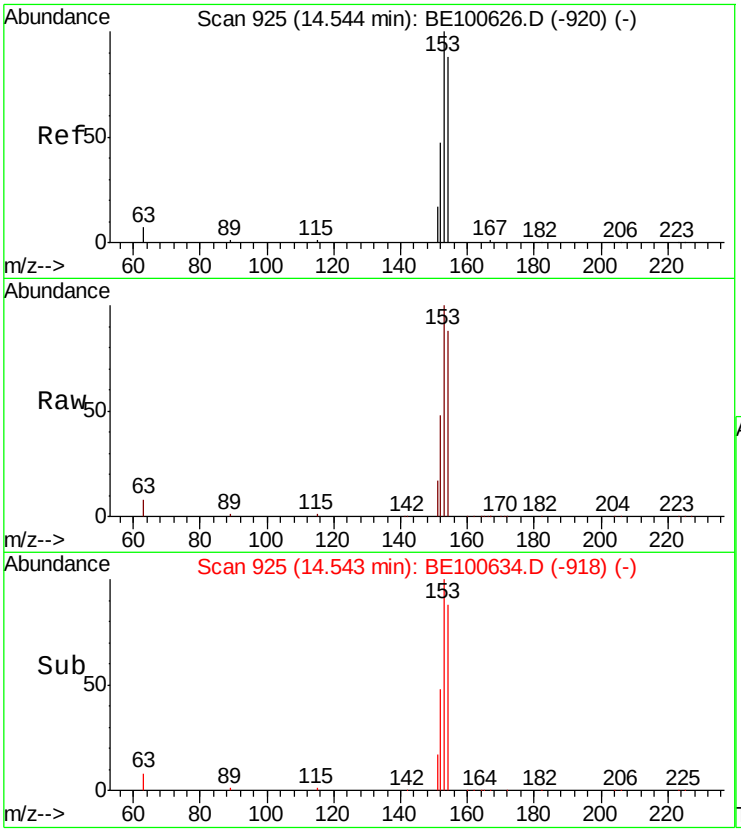


#16
Acenaphthylene
Concen: 5.571 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:152 Resp: 350079

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	13.0	10.5	15.7



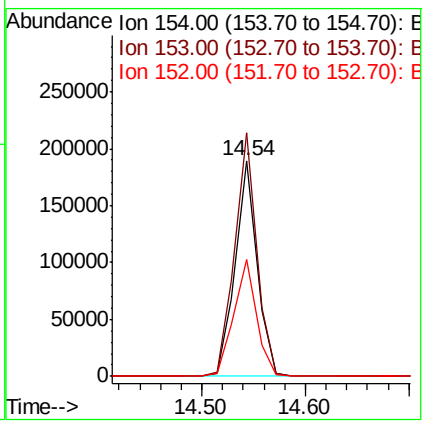


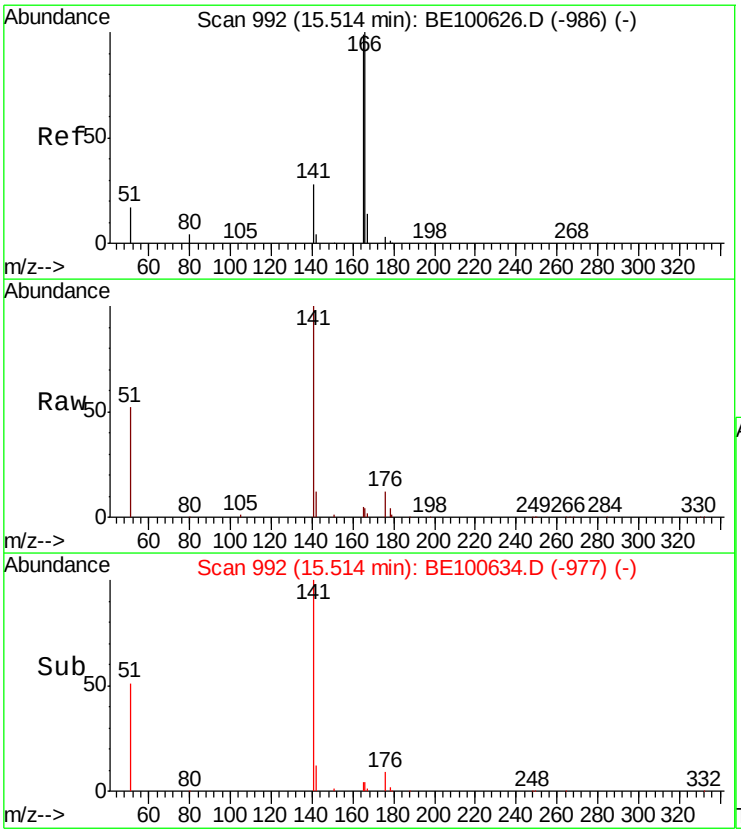
#17
Acenaphthene
Concen: 6.832 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 277450

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	55.8	44.0	66.0

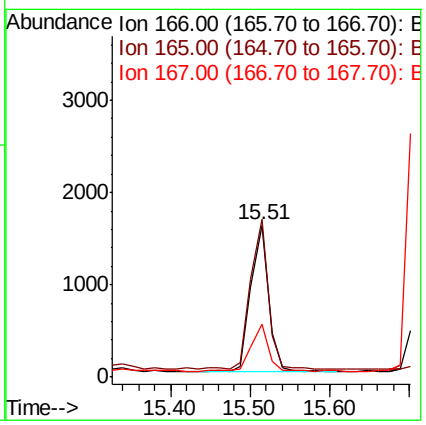


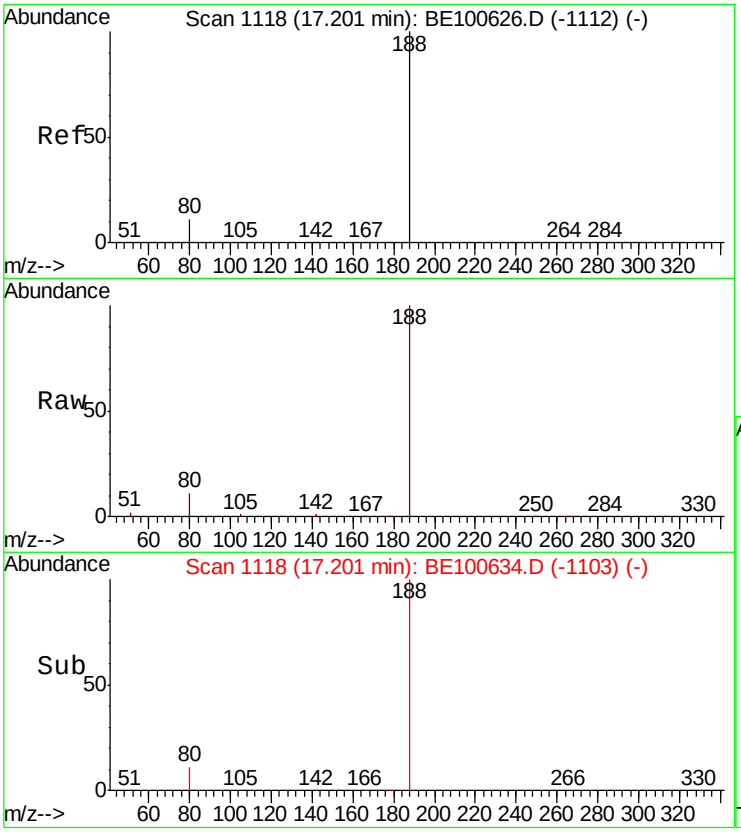


#18
Fluorene
Concen: 0.046 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:166 Resp: 2488

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.9	118.3
167	29.5	10.9	16.3#



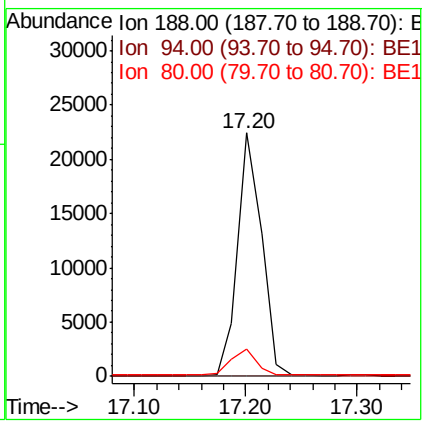


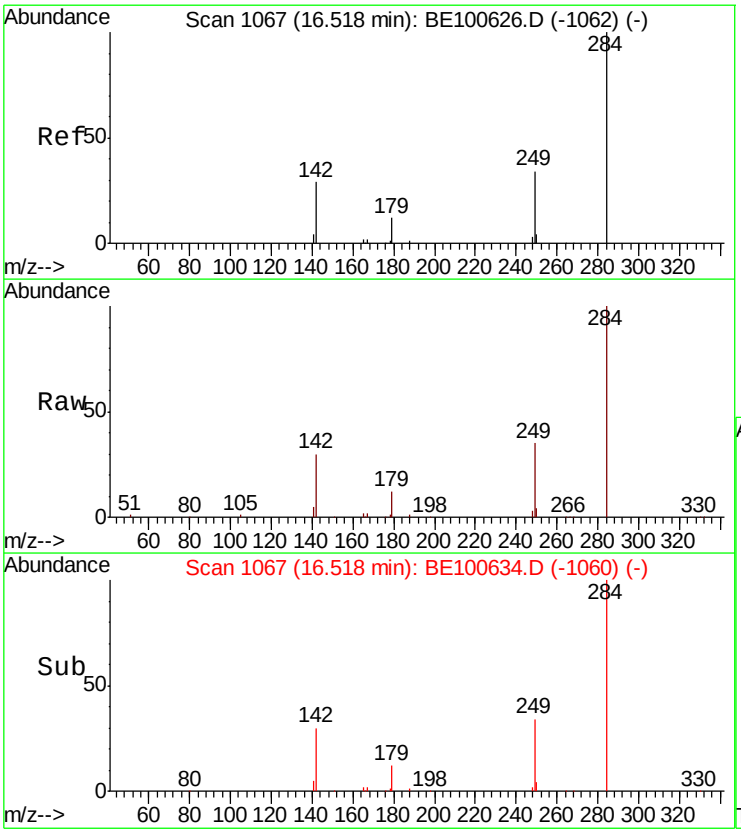
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 33558

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.4	14.2

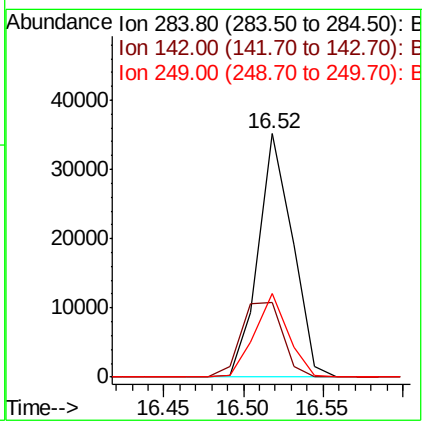


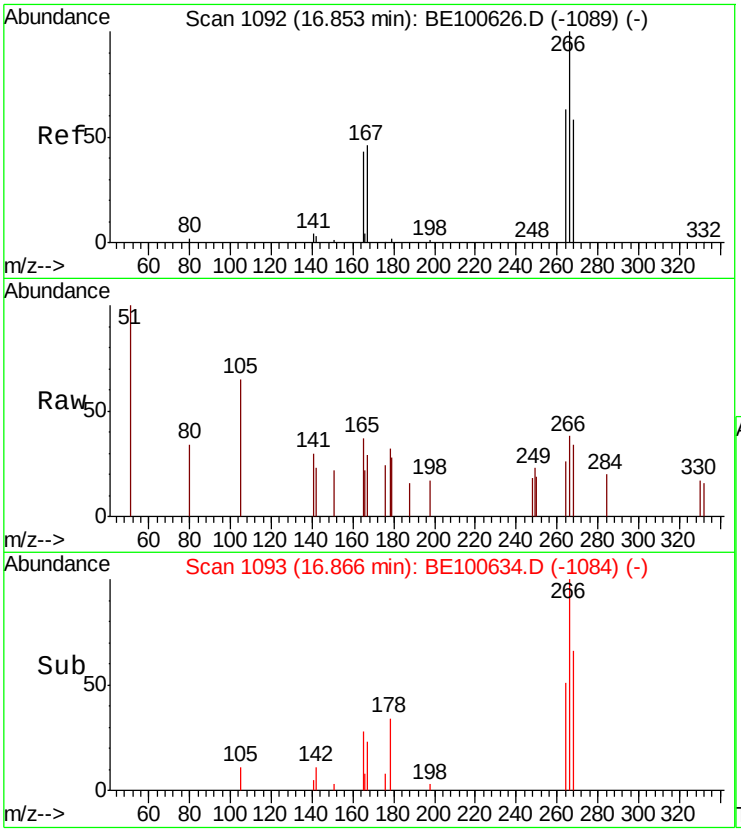


#21
Hexachlorobenzene
Concen: 3.221 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:284 Resp: 52402

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.8	44.8
249	33.5	27.3	40.9



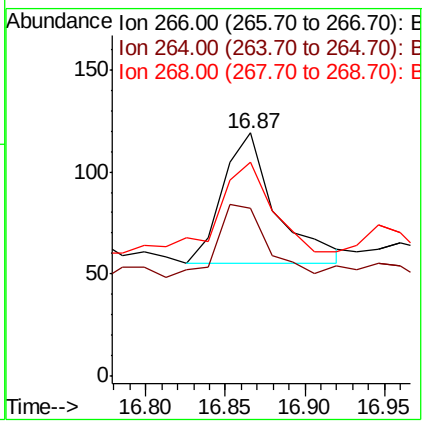


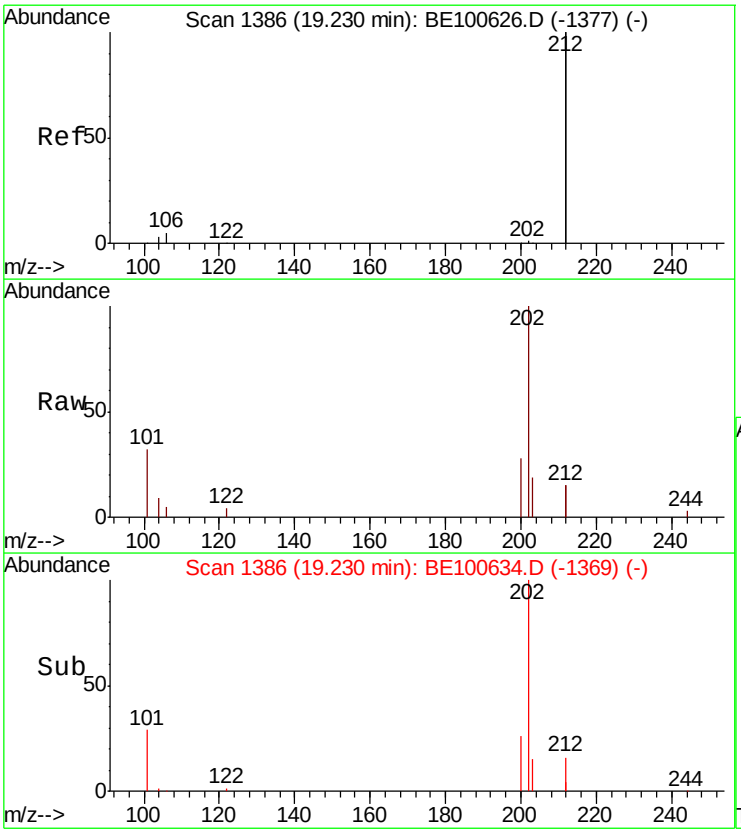
#22
Pentachlorophenol
Concen: 0.029 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:266 Resp: 150

Ion	Ratio	Lower	Upper
266	100		
264	68.9	50.7	76.1
268	88.2	48.5	72.7#

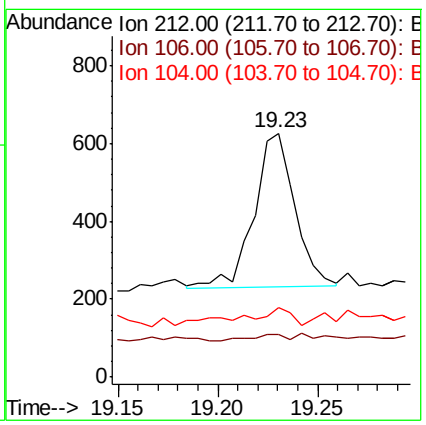


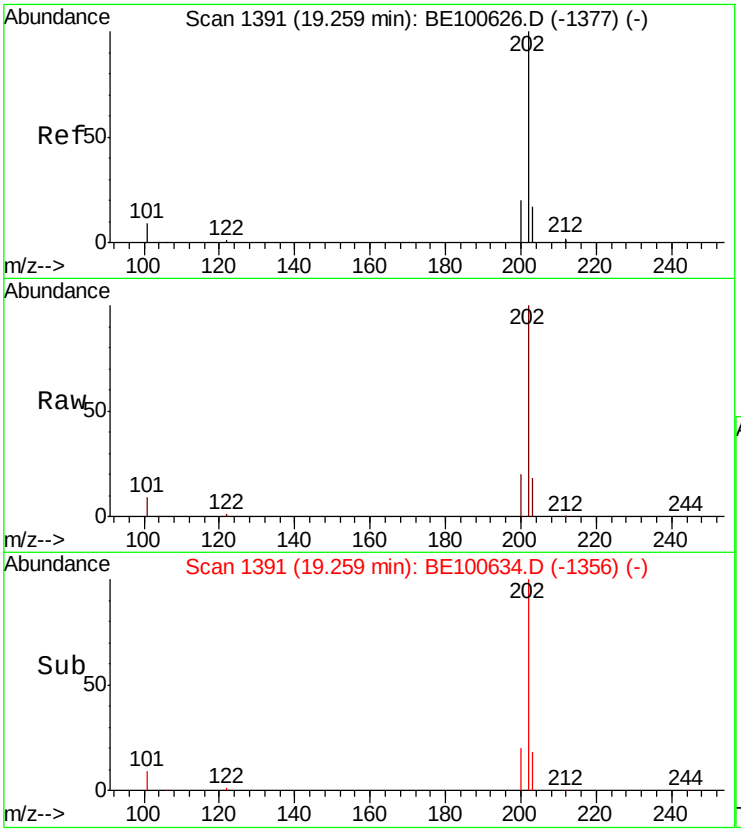


#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:212 Resp: 555

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.2	3.4#
104	14.1	1.3	1.9#



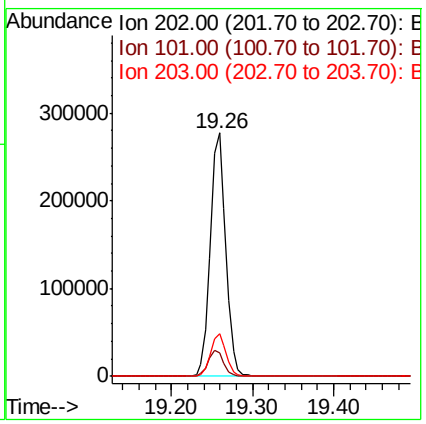


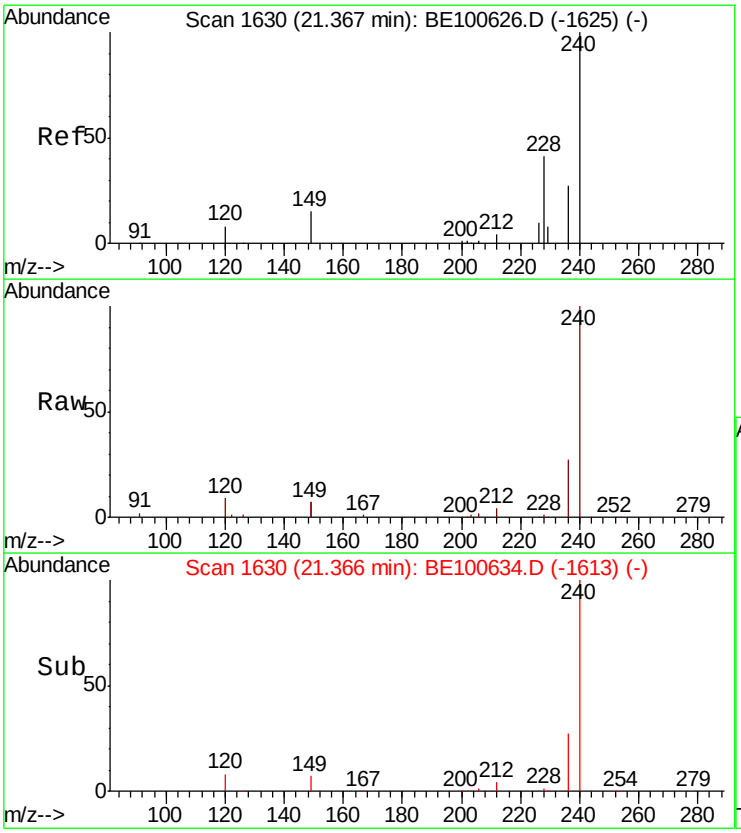
#26
Fluoranthene
Concen: 3.023 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 364213

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.3	13.8	20.6

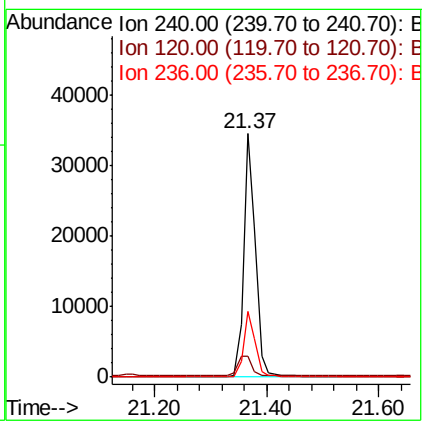


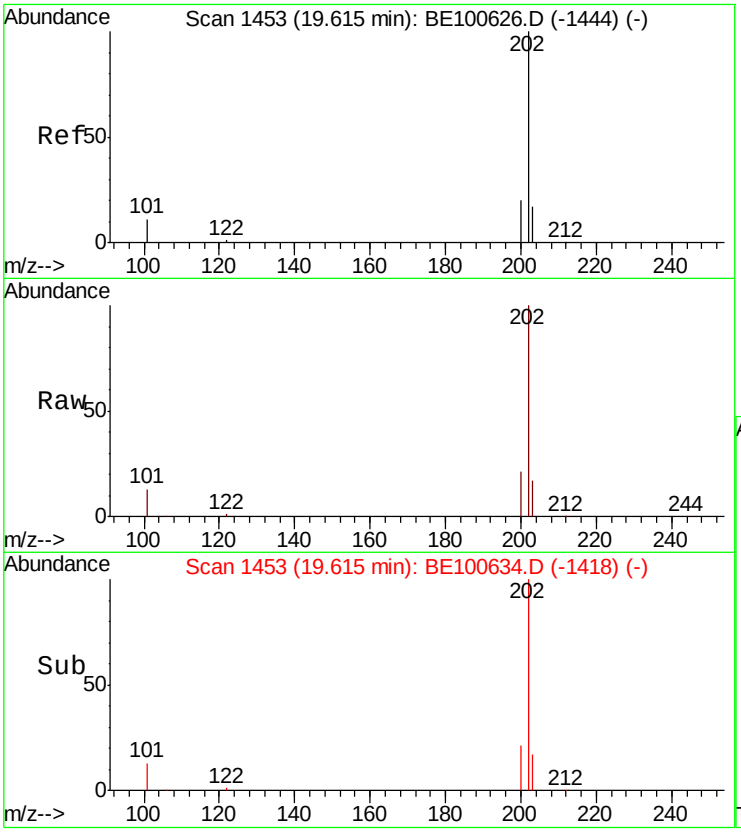


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:240 Resp: 49505

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.4	11.0
236	27.1	21.7	32.5



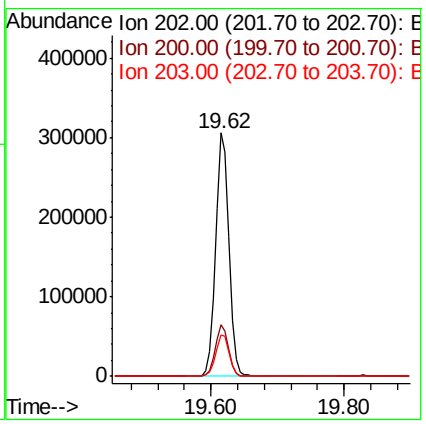


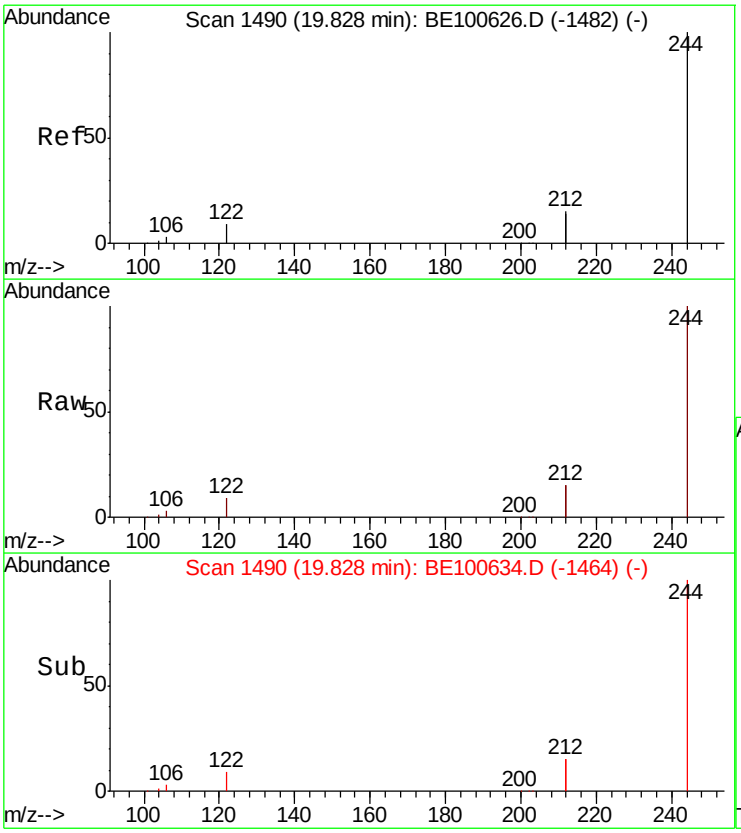
#28
Pyrene
Concen: 3.034 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 419670

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	13.9	20.9

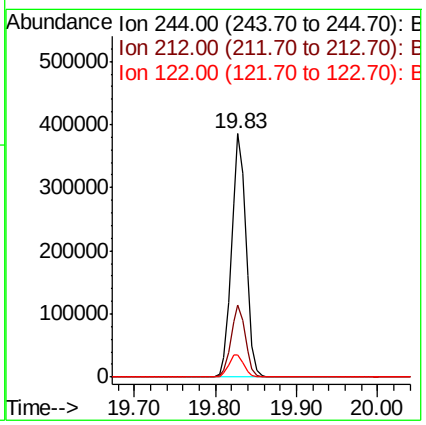


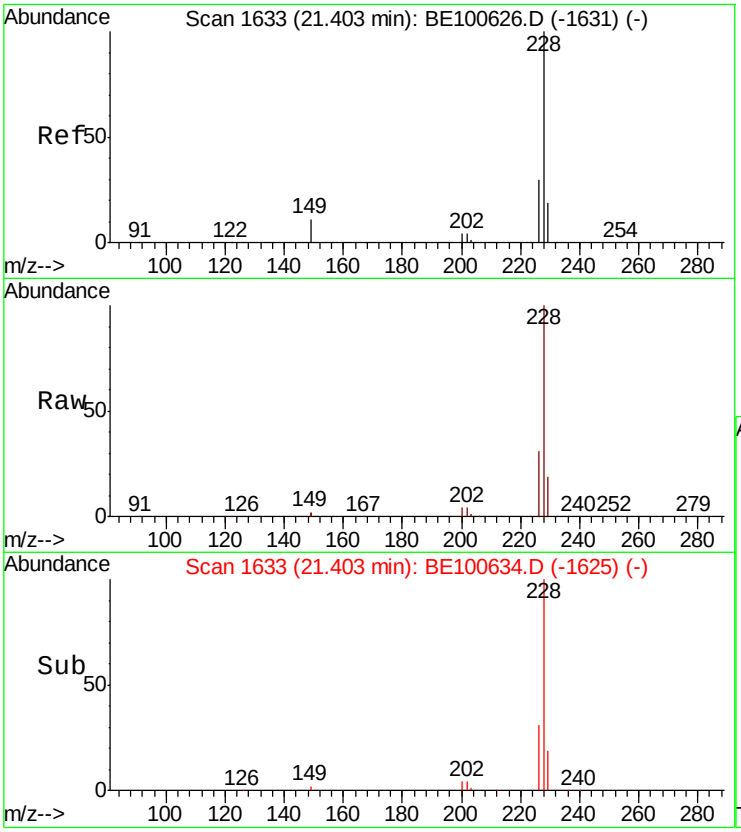


#29
Terphenyl-d14
Concen: 4.366 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:244 Resp: 472508

Ion	Ratio	Lower	Upper
244	100		
212	29.5	23.9	35.9
122	9.3	7.7	11.5



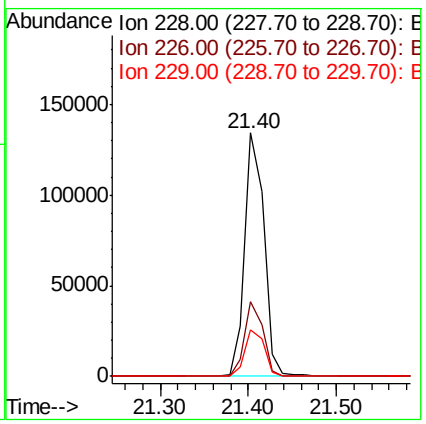


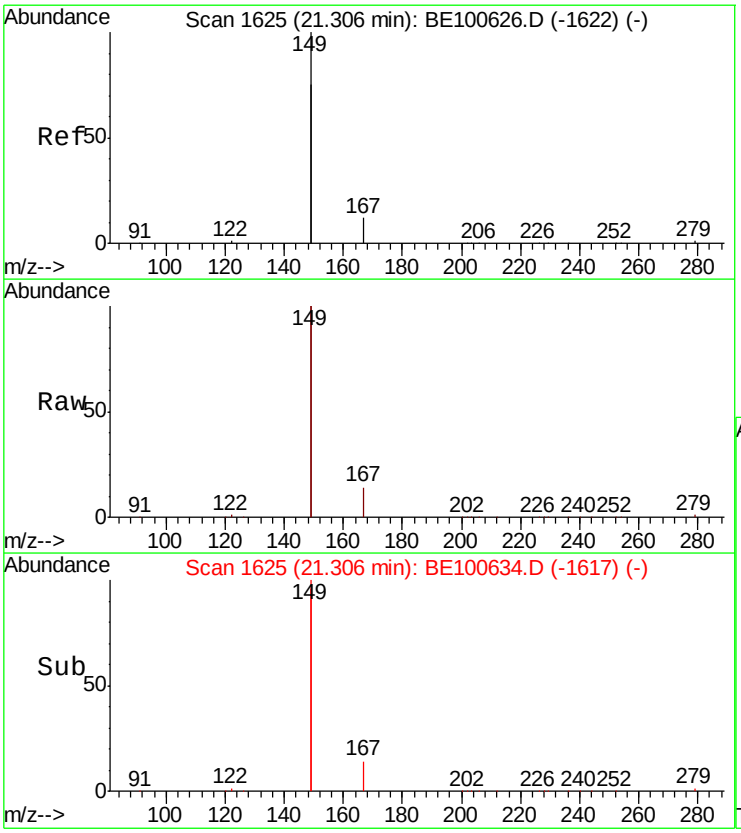
#31
Chrysene
Concen: 1.268 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 204714

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	19.2	15.6	23.4

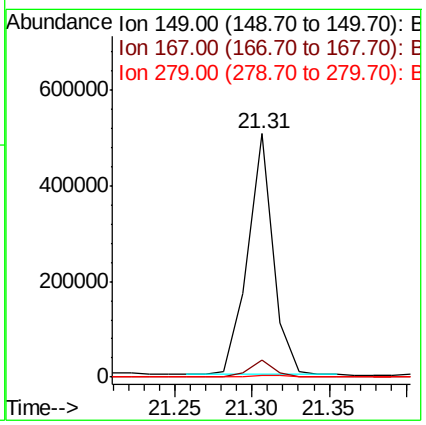


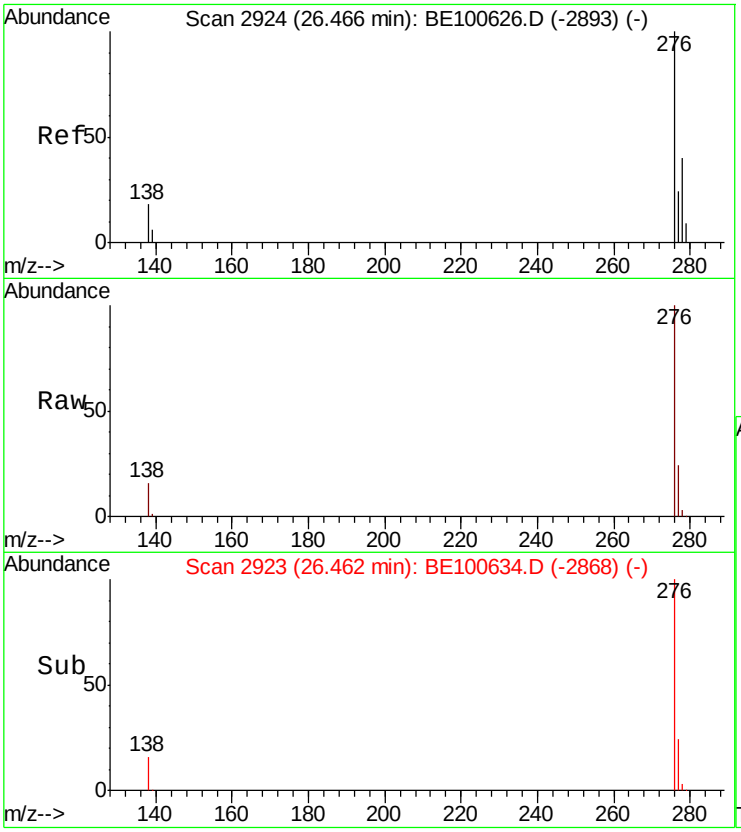


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.710 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:149 Resp: 577451

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.0	1.5	2.3#



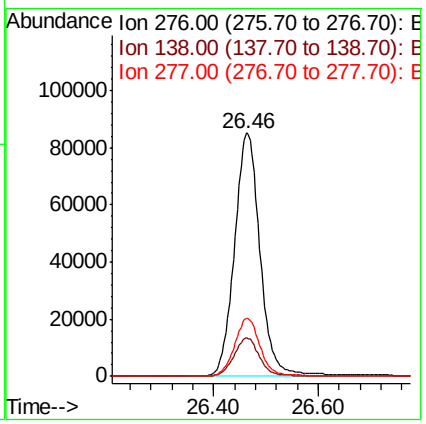


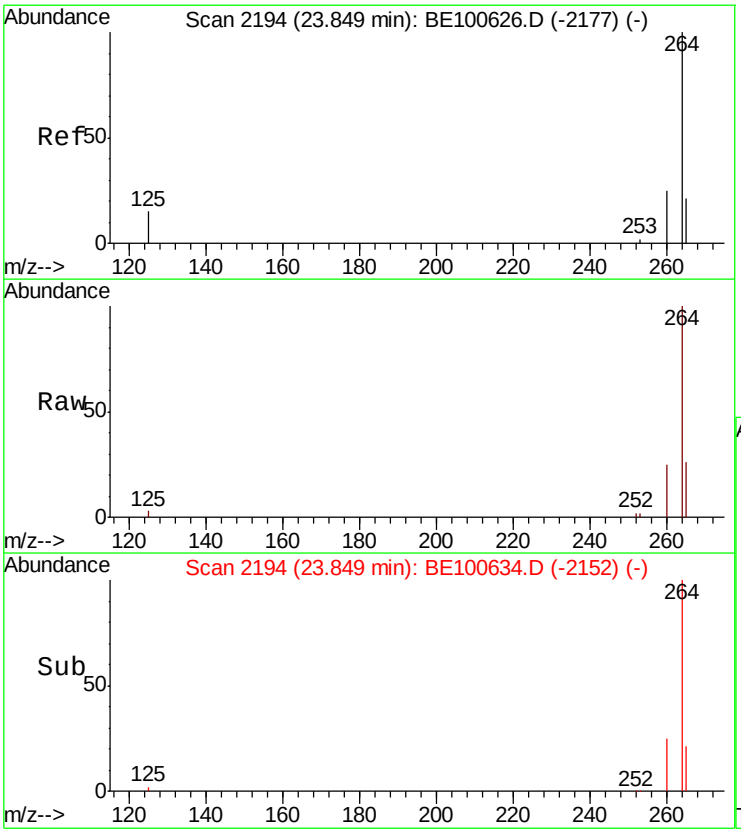
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.453 ng
RT: 26.46 min Scan# 2923
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 288112

Ion	Ratio	Lower	Upper
276	100		
138	15.5	16.0	24.0#
277	23.8	19.7	29.5

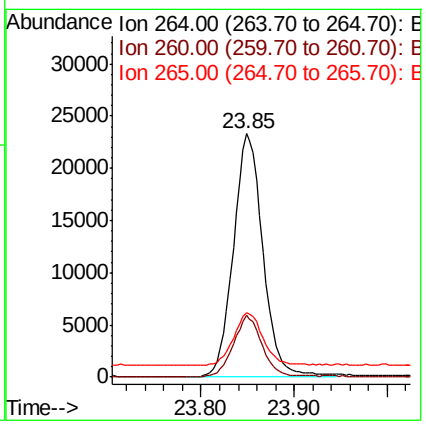


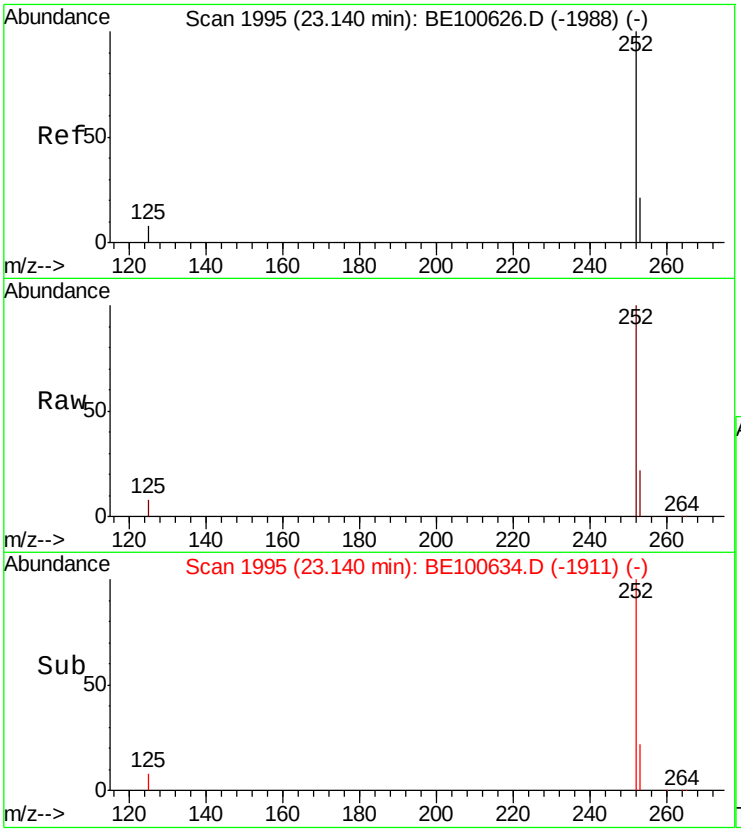


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:264 Resp: 51094

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.9	29.9
265	26.3	20.0	30.0



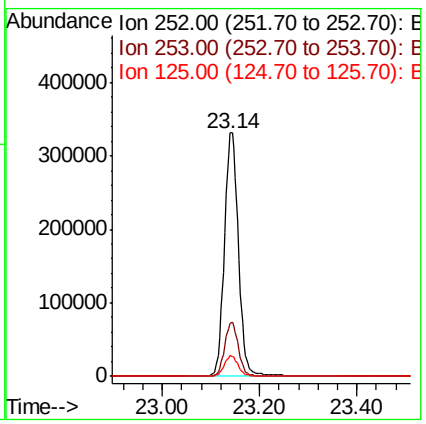


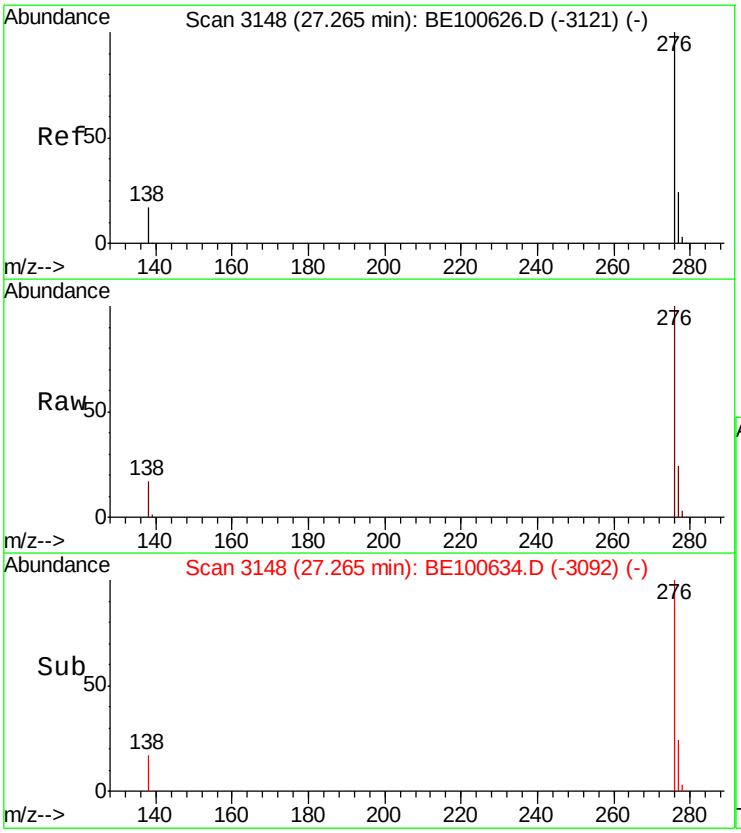
#36
Benzo(k)fluoranthene
Concen: 4.280 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 655869

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.4	7.6	11.4





#39
Benzo(g,h,i)perylene
Concen: 2.914 ng
RT: 27.26 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE100634.D
Acq: 11 Oct 2019 10:15

Tgt Ion:276 Resp: 420098

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	17.5	14.5	21.7