Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100477.D
Acq On : 22 Jul 2019 12:37
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2313	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	9695	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6251	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	16867	0.40	ng		0.00
27) Chrysene-d12	21.38	240	20148	0.40	ng		0.00
34) Perylene-d12	23.87	264	21388	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	665	0.12	ng		0.00
5) Phenol-d6	7.03	99	803	0.10	ng		0.00
8) Nitrobenzene-d5	9.02	82	766	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	1614	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	251	0.10	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	2954	0.11	ng		0.00
25) Fluoranthene-d10	19.24	212	24610	0.10	ng		0.00
29) Terphenyl-d14	19.84	244	5441	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	508	0.143	ng	#	80
3) n-Nitrosodimethylamine	3.69	42	137	0.067	ng	#	69
6) bis(2-Chloroethyl)ether	7.30	93	748	0.107	ng		89
9) Naphthalene	10.72	128	9883	0.107	ng	#	97
10) Hexachlorobutadiene	11.00	225	507	0.114	ng		97
12) 2-Methylnaphthalene	12.32	142	1784	0.110	ng	#	94
16) Acenaphthylene	14.23	152	3091	0.108	ng		99
17) Acenaphthene	14.56	154	1832	0.105	ng		100
18) Fluorene	15.53	166	2460	0.106	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	830	0.107	ng	#	90
21) Hexachlorobenzene	16.55	284	888	0.109	ng		98
22) Pentachlorophenol	16.88	266	314	0.096	ng		90
23) Phenanthrene	17.26	178	4441	0.106	ng		99
24) Anthracene	17.35	178	4014	0.103	ng		99
26) Fluoranthene	19.27	202	6451	0.104	ng		99
28) Pyrene	19.63	202	6707	0.113	ng		98
30) Benzo(a)anthracene	21.37	228	6535	0.106	ng	#	90
31) Chrysene	21.41	228	6551	0.107	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.31	149	17232	0.126	ng		99
33) Indeno(1,2,3-cd)pyrene	26.49	276	7158	0.108	ng		98
35) Benzo(b)fluoranthene	23.10	252	6268	0.106	ng	#	67
36) Benzo(k)fluoranthene	23.15	252	6232	0.099	ng	#	60
37) Benzo(a)pyrene	23.75	252	5960	0.105	ng	#	58
38) Dibenzo(a,h)anthracene	26.52	278	5757	0.107	ng	#	62
39) Benzo(g,h,i)perylene	27.29	276	5987	0.108	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
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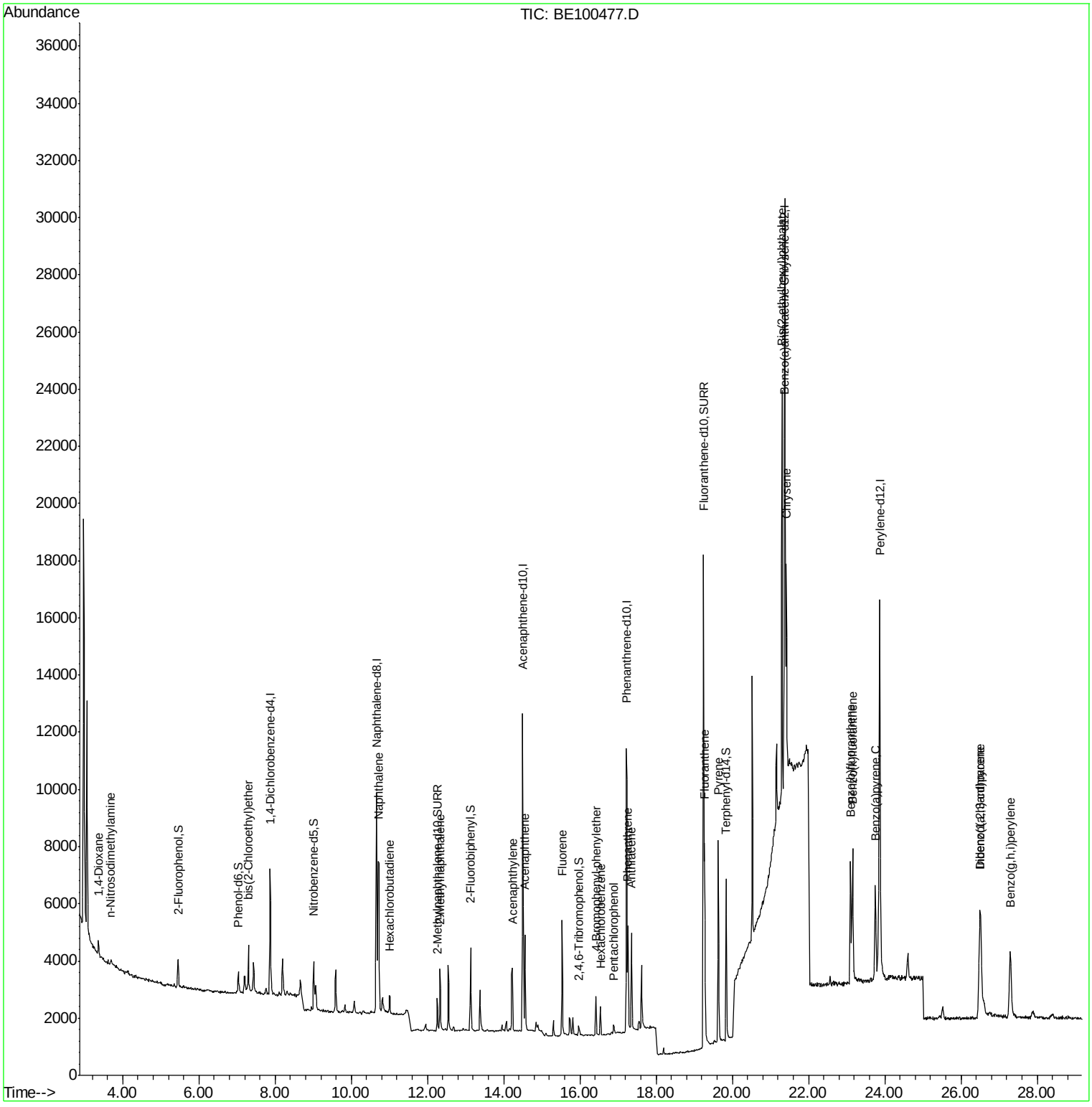
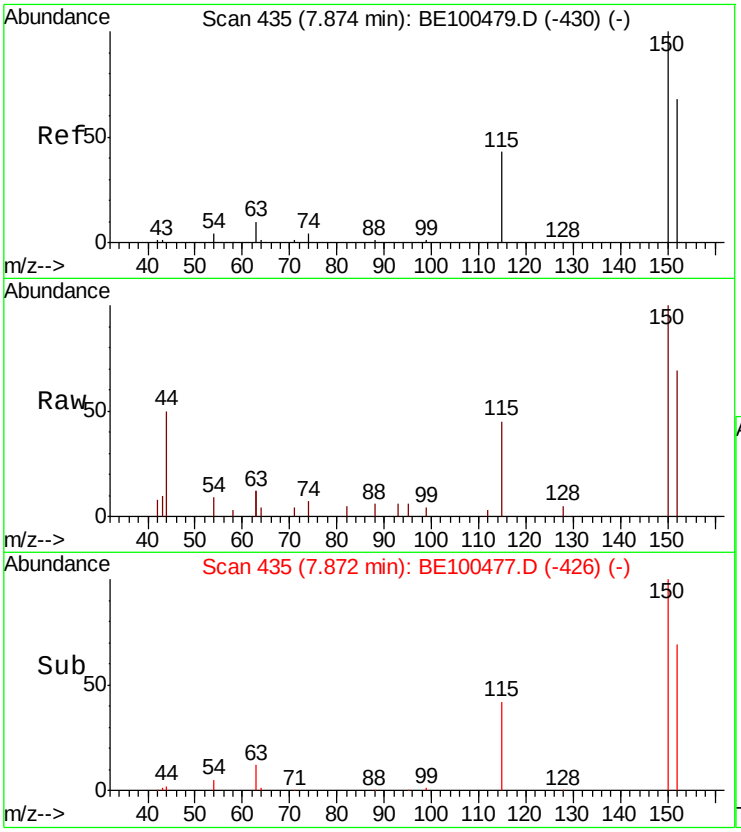
Acq On : 22 Jul 2019 12:37
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration



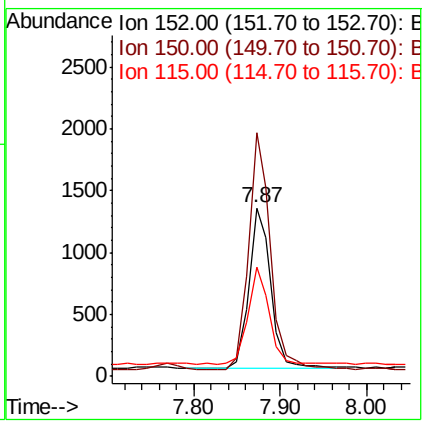


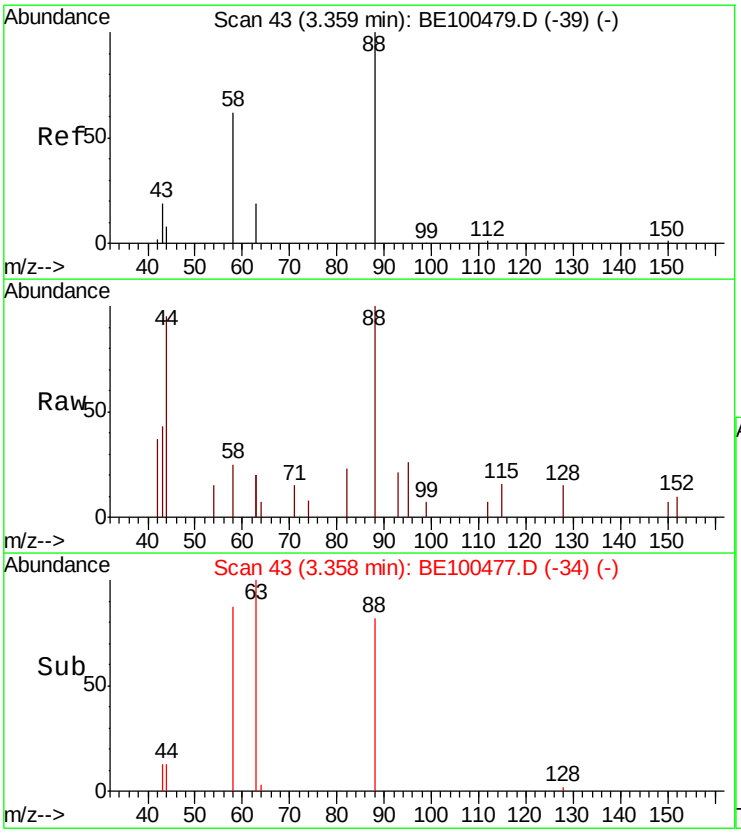
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2313

Ion	Ratio	Lower	Upper
152	100		
150	144.5	115.0	172.6
115	64.7	52.9	79.3

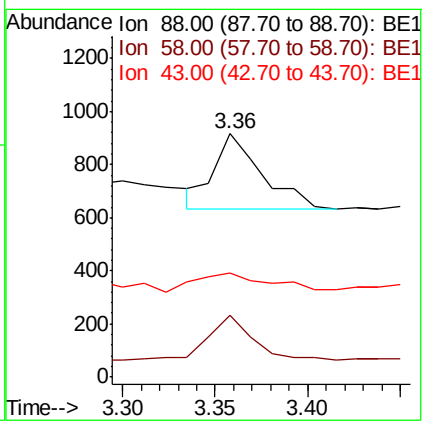


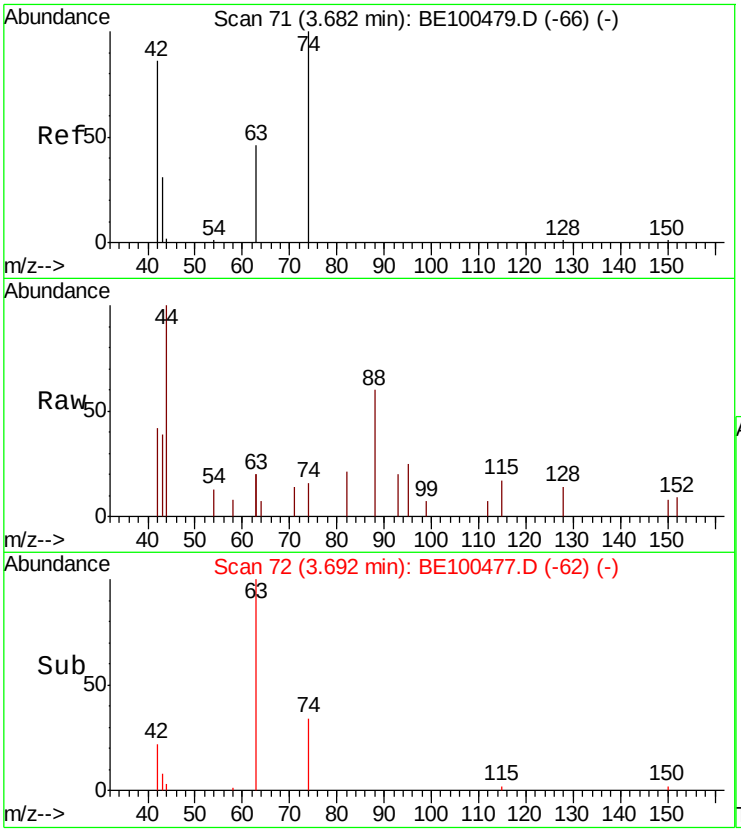


#2
1,4-Dioxane
Concen: 0.143 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion: 88 Resp: 508

Ion	Ratio	Lower	Upper
88	100		
58	53.0	53.2	79.8#
43	40.9	20.8	31.2#



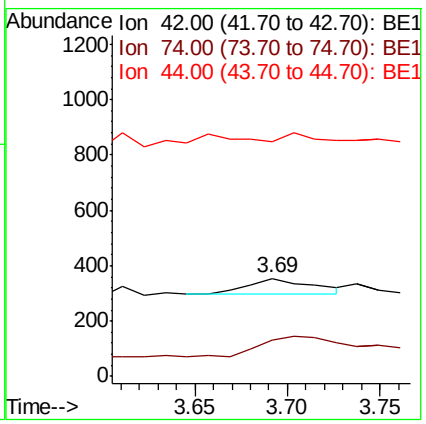


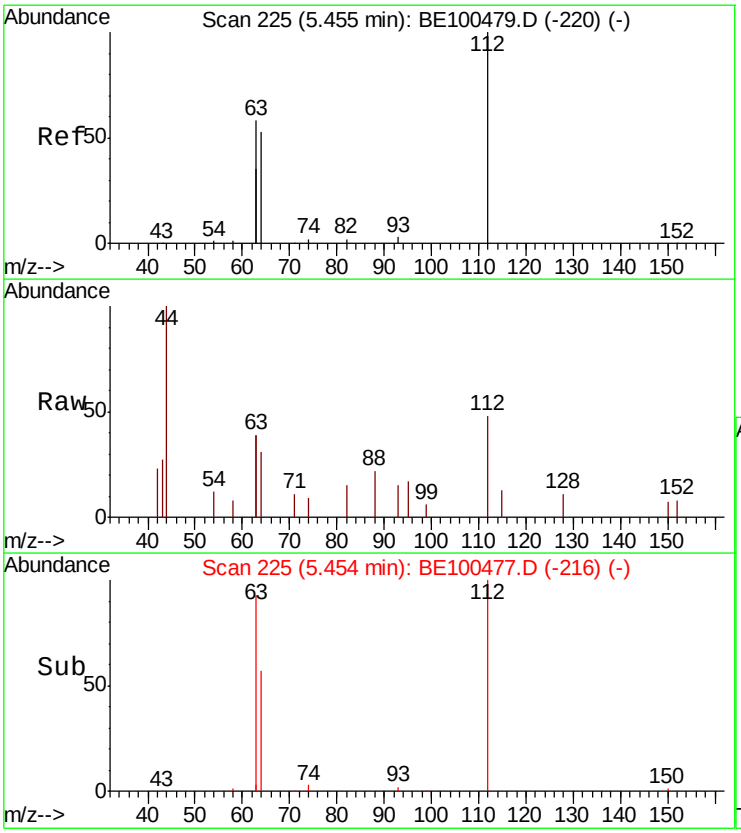
#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 137

Ion	Ratio	Lower	Upper
42	100		
74	160.6	0.0	0.0#
44	24.1	9.6	14.4#

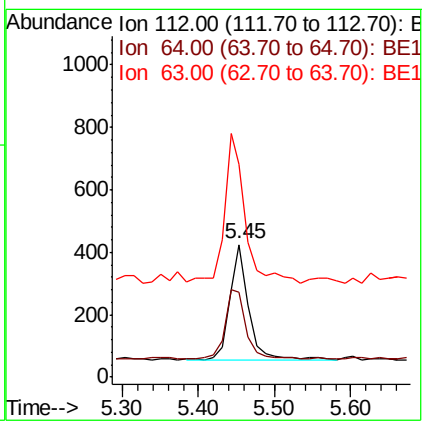


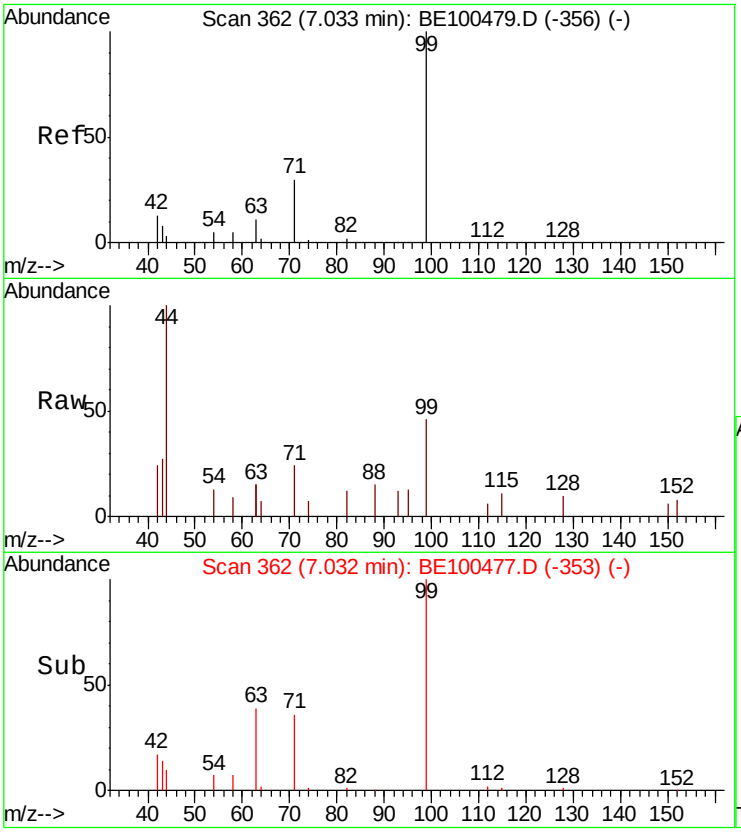


#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:112 Resp: 665

Ion	Ratio	Lower	Upper
112	100		
64	65.1	54.1	81.1
63	133.8	104.6	157.0



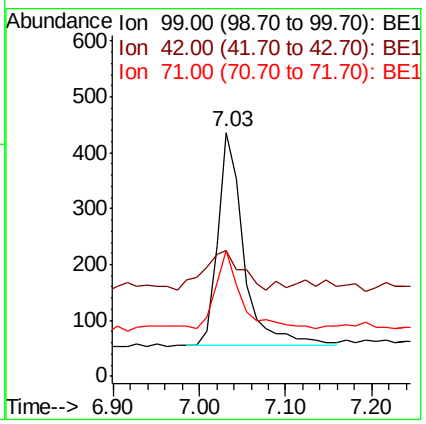


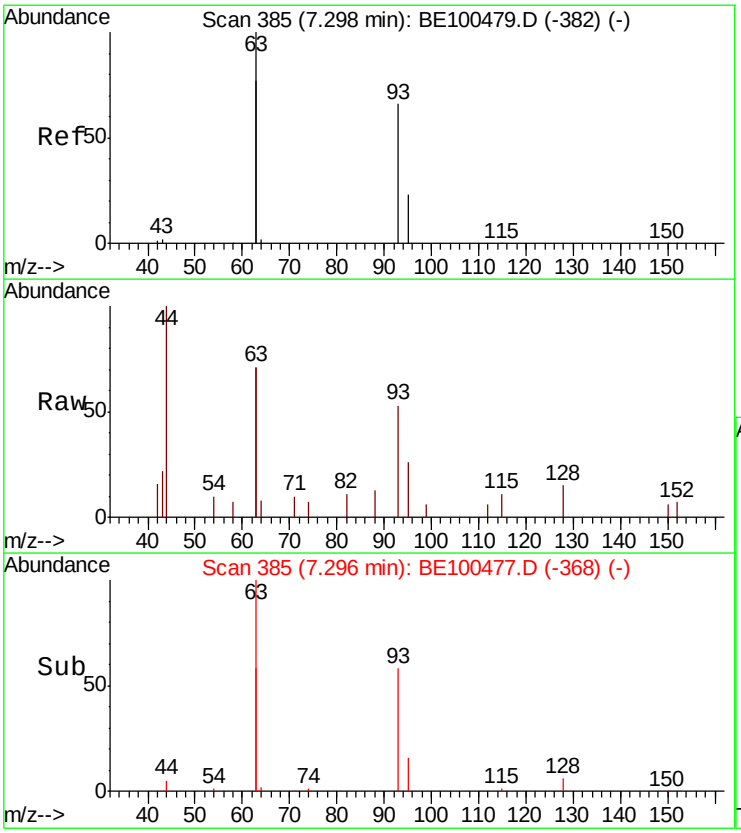
#5
Phenol-d6
Concen: 0.099 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 803

Ion	Ratio	Lower	Upper
99	100		
42	26.3	14.5	21.7#
71	37.2	26.4	39.6

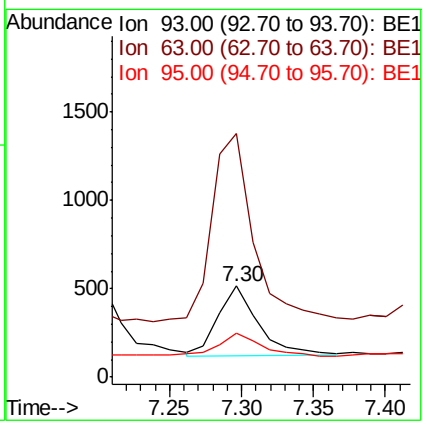


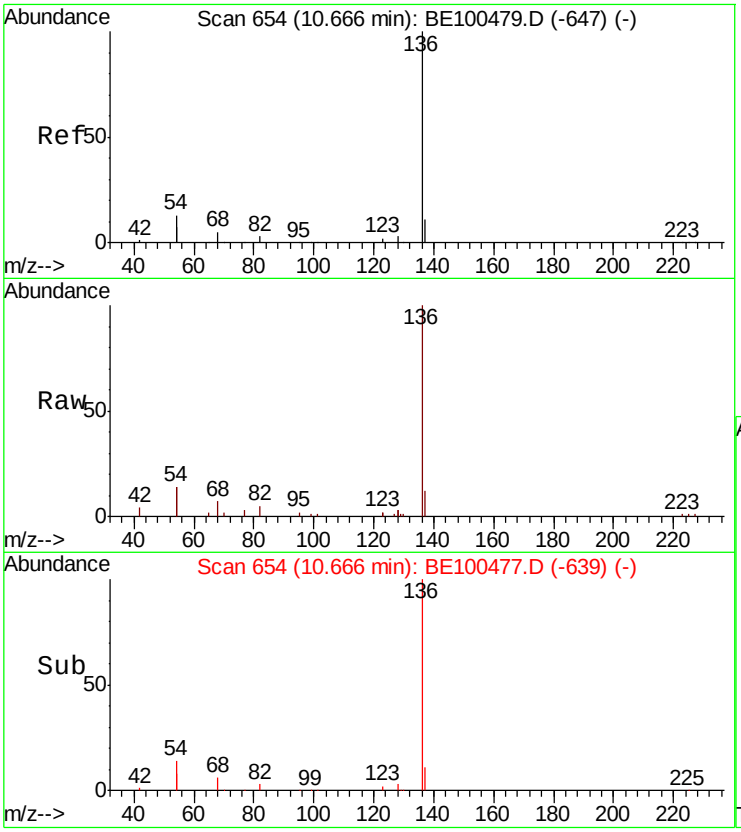


#6
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion: 93 Resp: 748

Ion	Ratio	Lower	Upper
93	100		
63	288.4	248.3	372.5
95	37.0	25.4	38.0



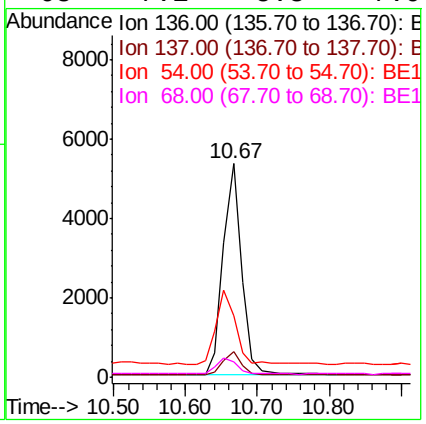


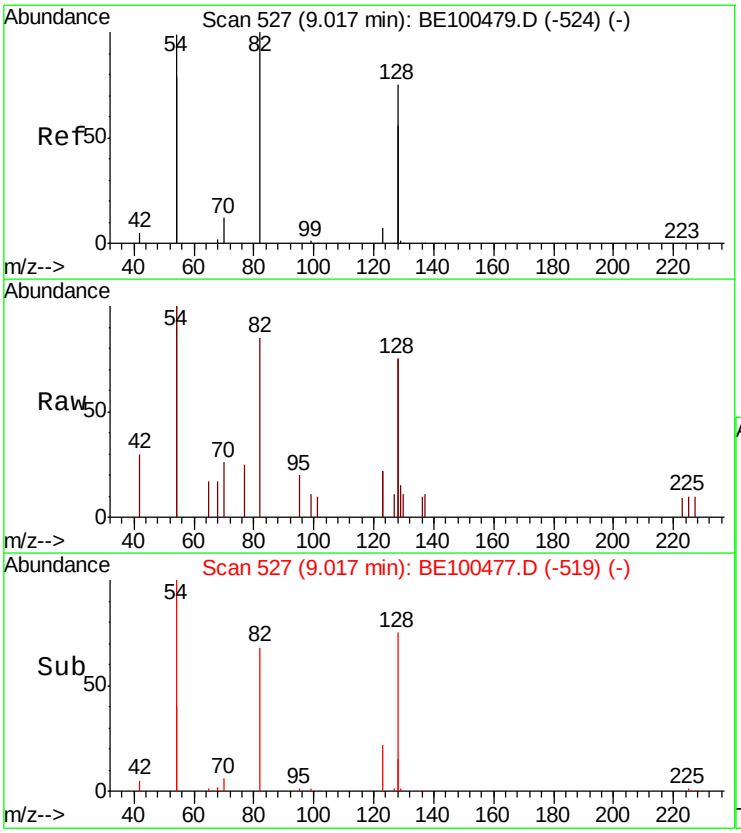
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 9695

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	28.5	20.6	31.0
68	7.1	5.3	7.9

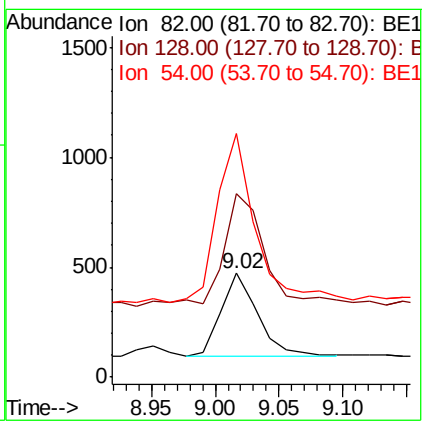


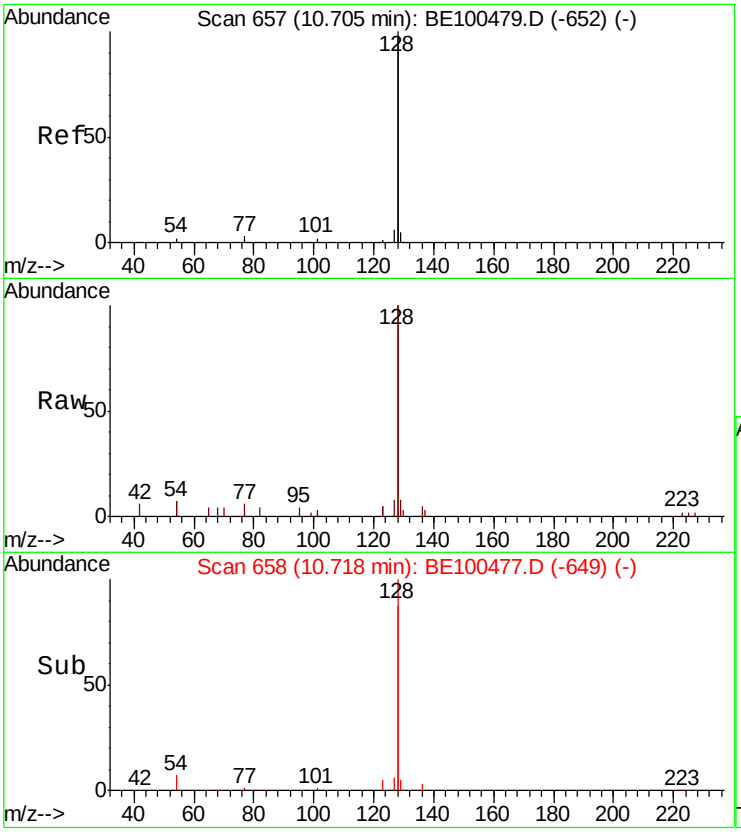


#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion: 82 Resp: 766

Ion	Ratio	Lower	Upper
82	100		
128	176.7	113.6	170.4#
54	234.2	150.6	226.0#



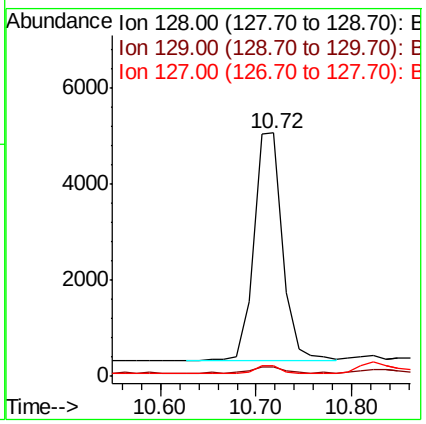


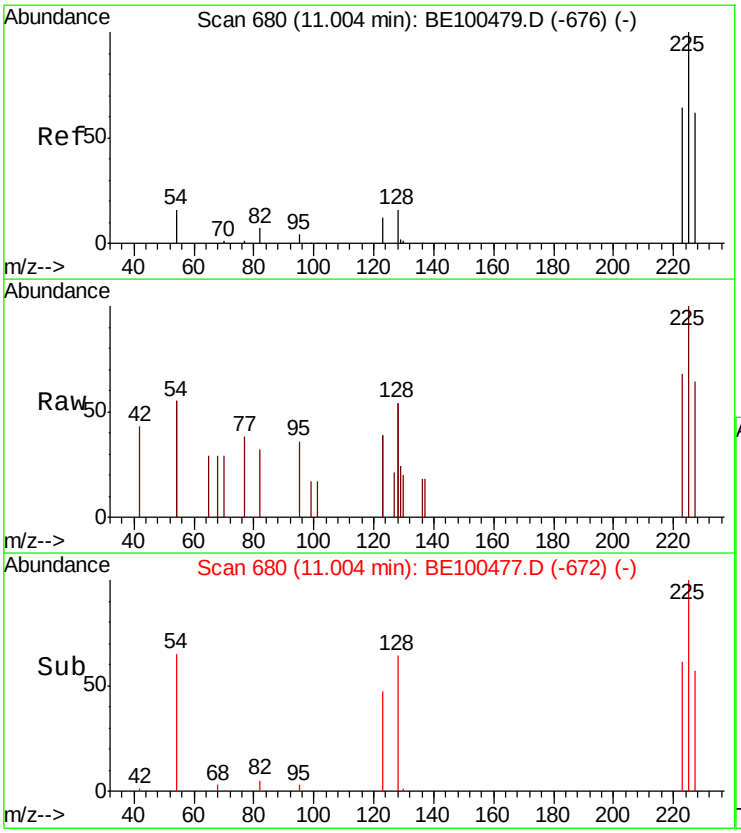
#9
Naphthalene
Concen: 0.107 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9883

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.3	3.5#
127	4.2	2.7	4.1#

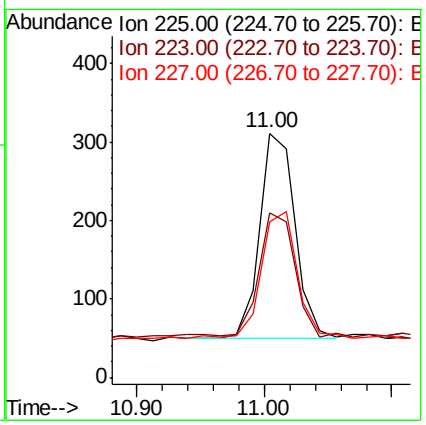


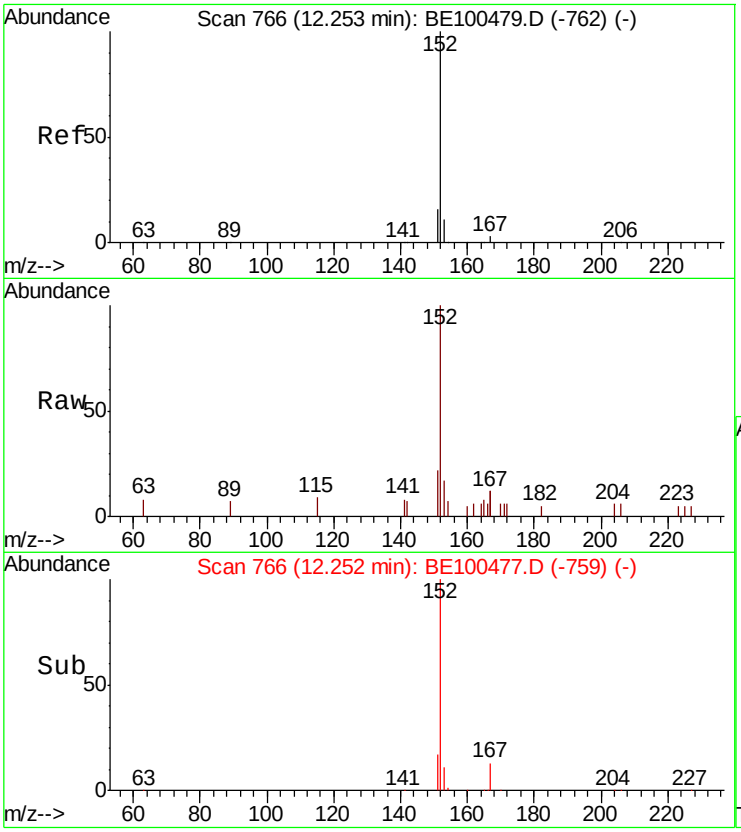


#10
Hexachlorobutadiene
Concen: 0.114 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:225 Resp: 507

Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.4	74.0
227	61.7	51.4	77.2



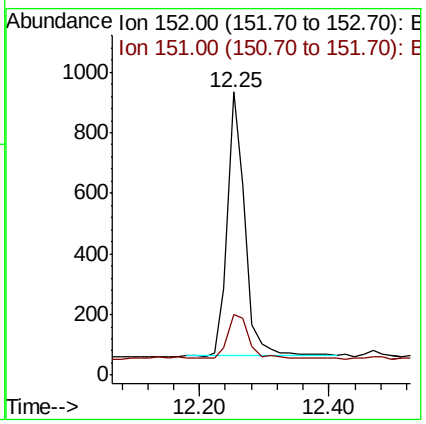


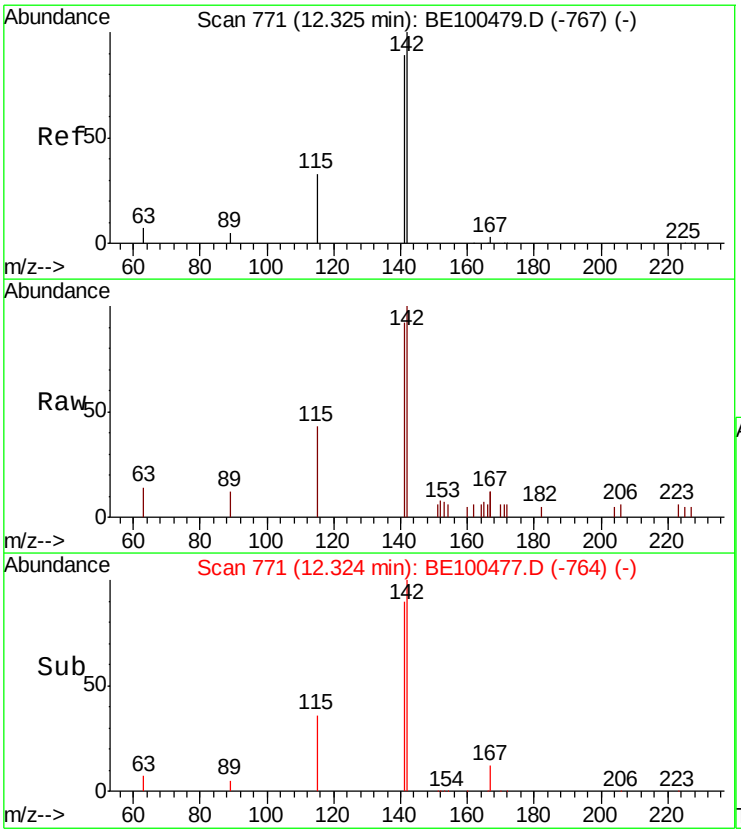
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1614

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.1	22.7

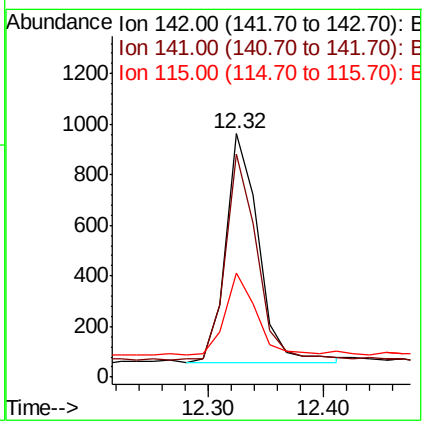


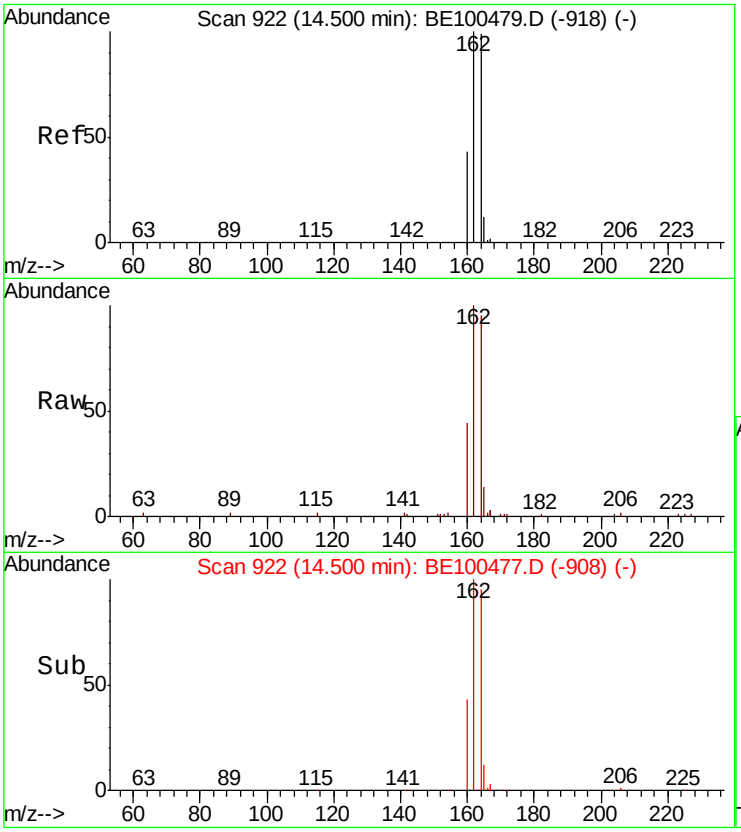


#12
2-Methylnaphthalene
Concen: 0.110 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:142 Resp: 1784

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	42.7	27.8	41.6#



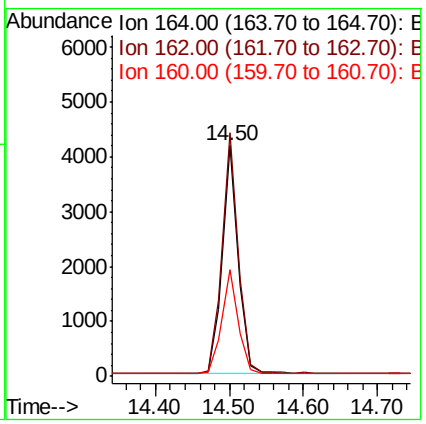


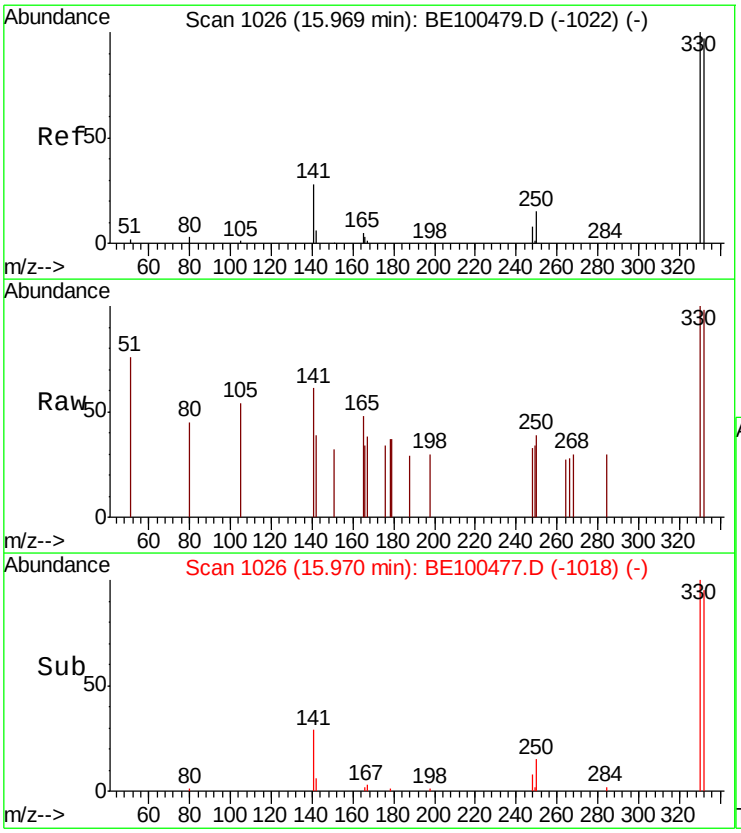
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6251

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.8	121.2
160	46.3	34.9	52.3

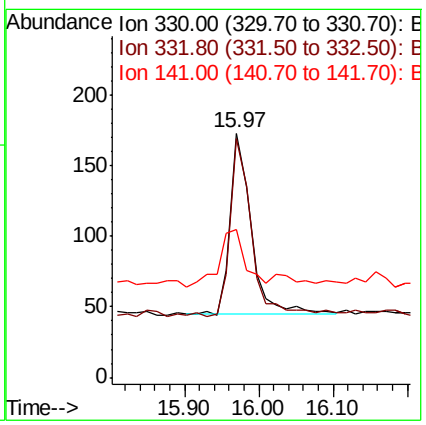


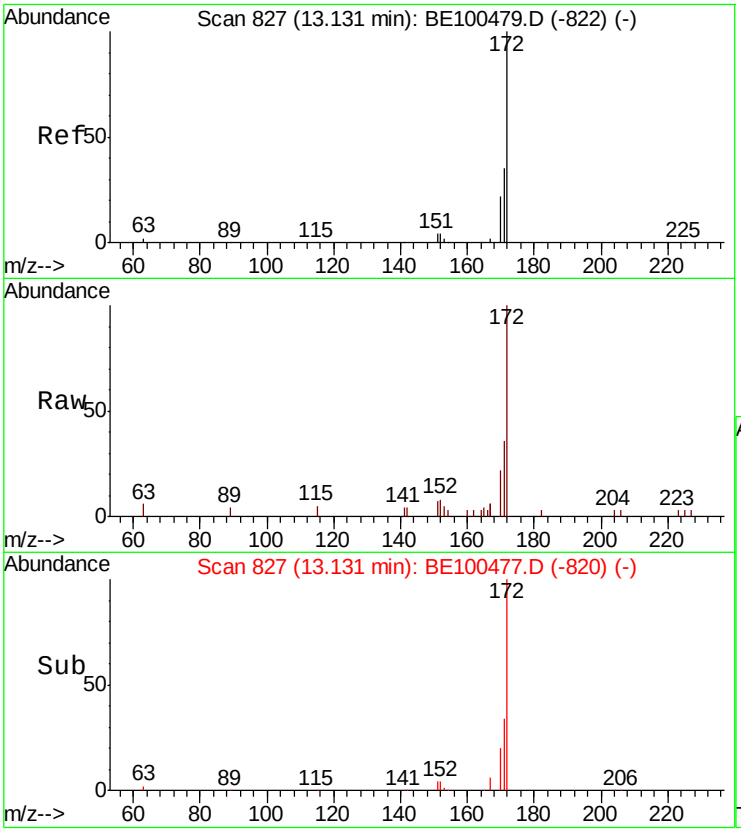


#14
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:330 Resp: 251

Ion	Ratio	Lower	Upper
330	100		
332	100.0	80.5	120.7
141	39.8	29.9	44.9



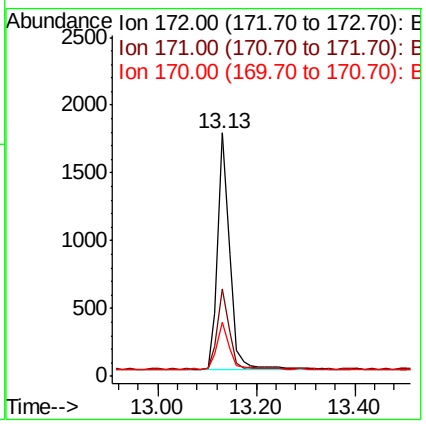


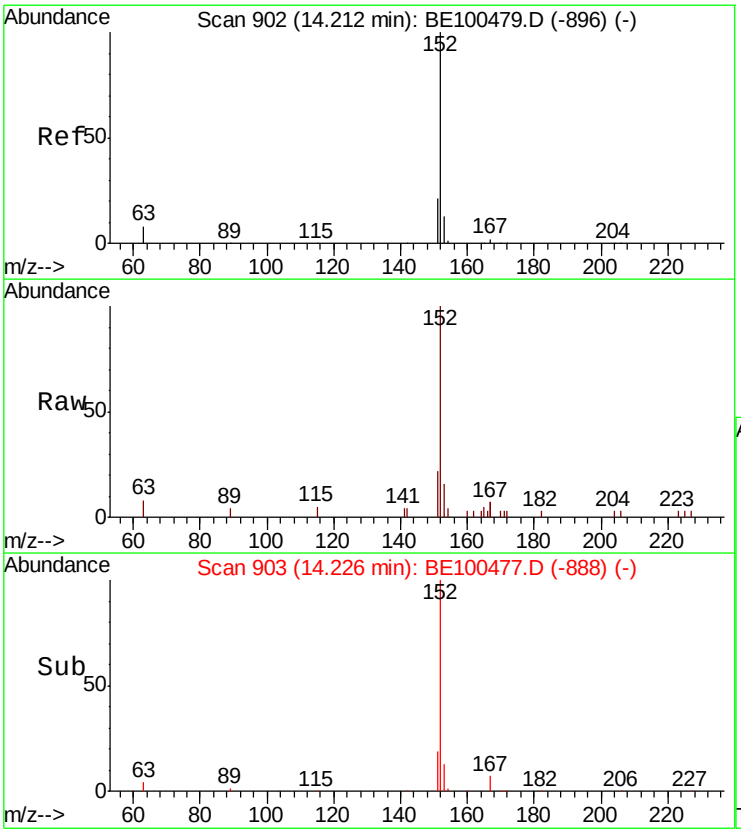
#15
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2954

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	22.0	17.8	26.8

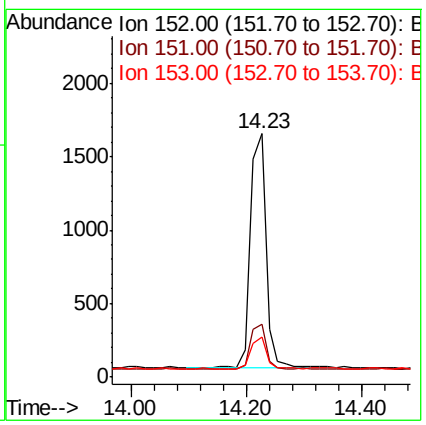


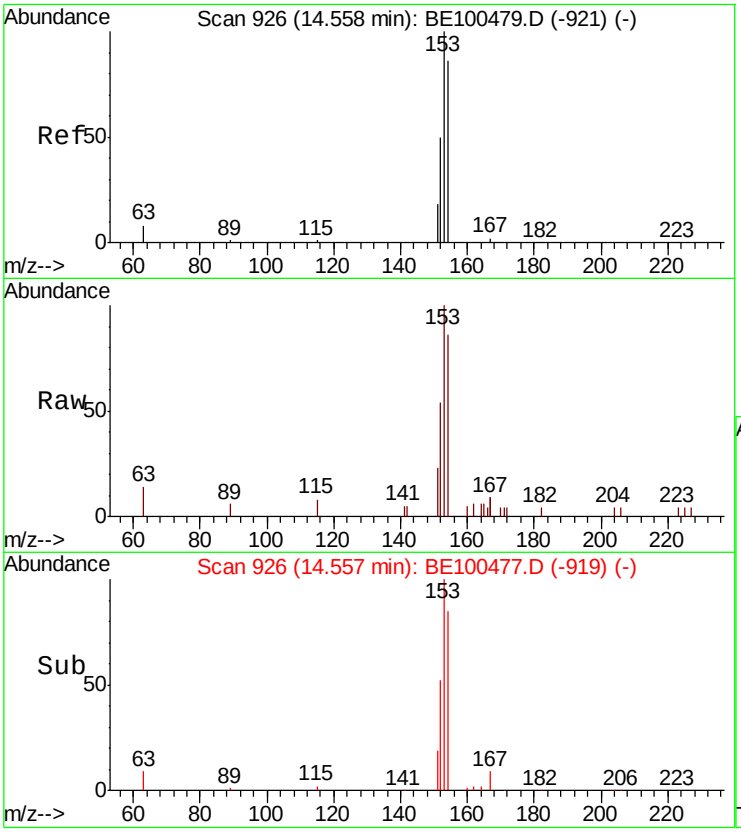


#16
Acenaphthylene
Concen: 0.108 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:152 Resp: 3091

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.6	16.0



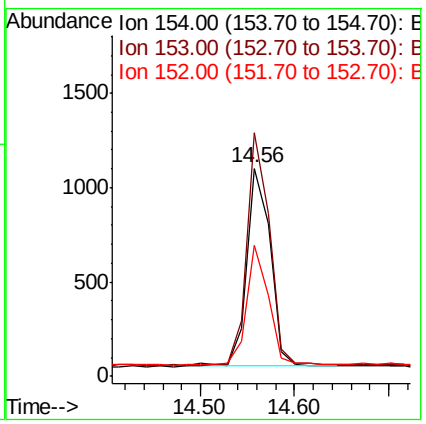


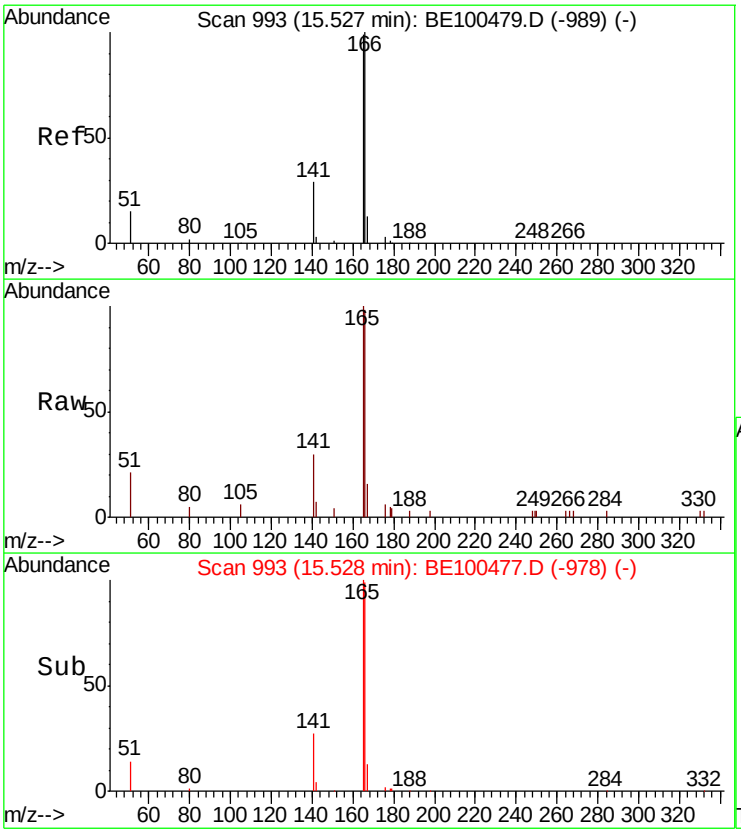
#17
Acenaphthene
Concen: 0.105 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1832

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.8	136.2
152	56.0	45.1	67.7

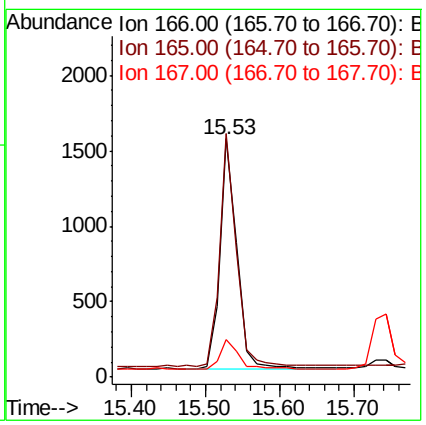


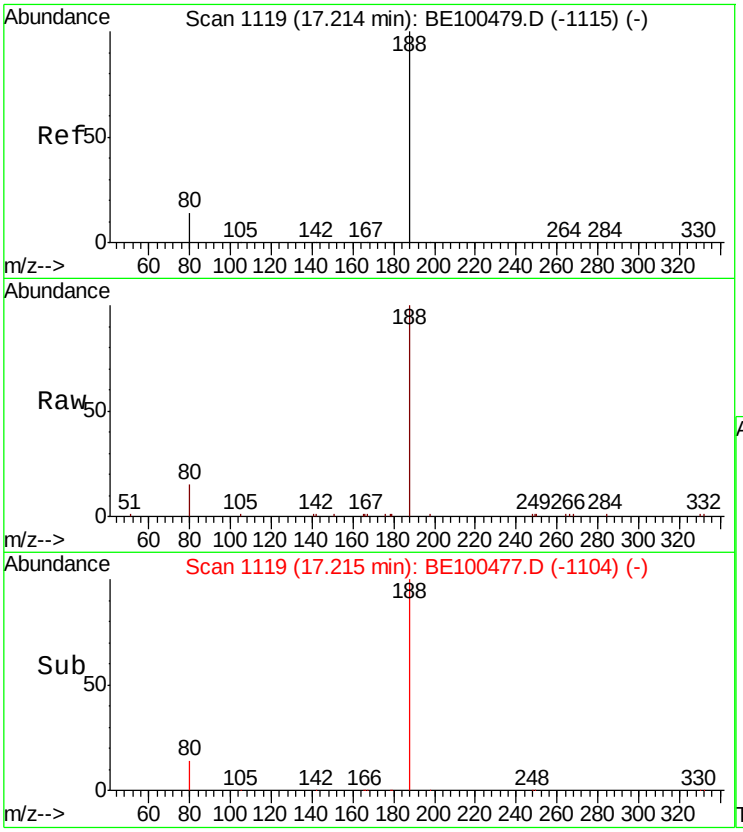


#18
Fluorene
Concen: 0.106 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:166 Resp: 2460

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.3	117.5
167	14.0	10.9	16.3



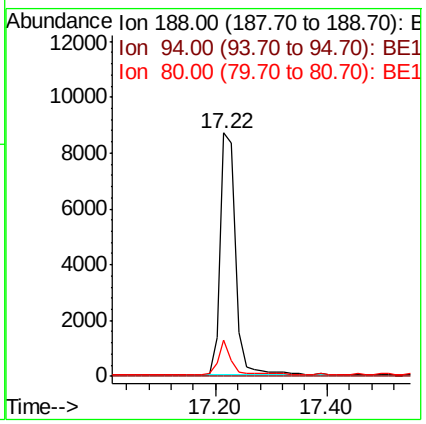


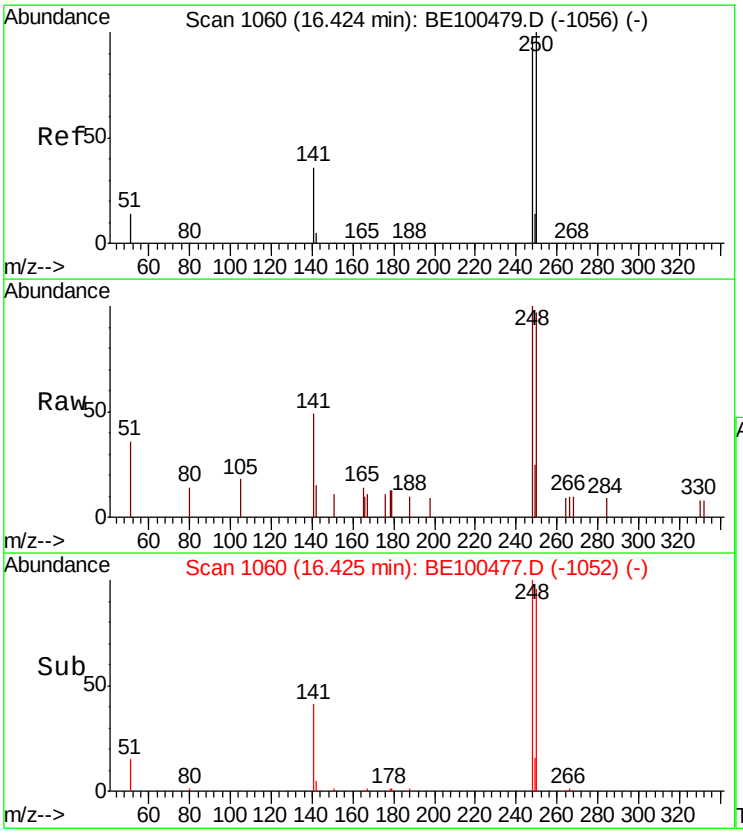
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16867

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	11.9	17.9

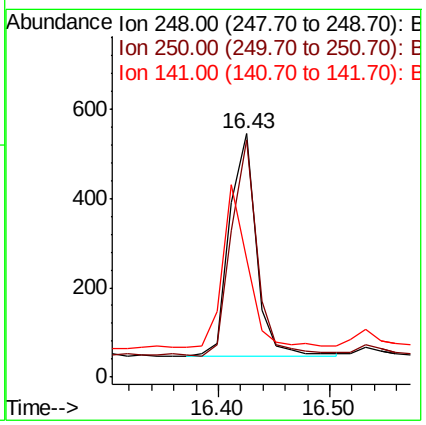


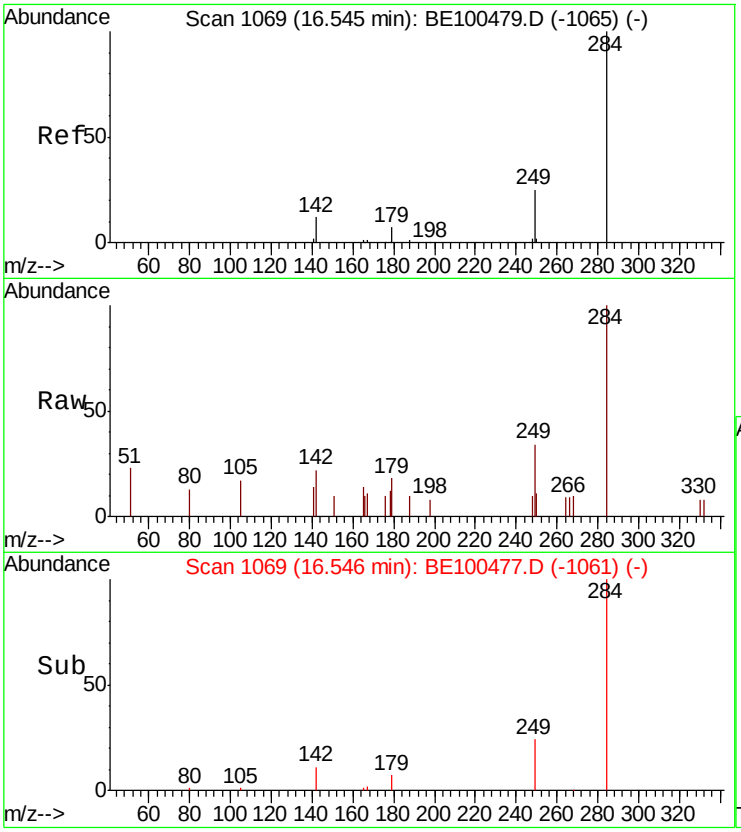


#20
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:248 Resp: 830

Ion	Ratio	Lower	Upper
248	100		
250	97.2	84.4	126.6
141	48.7	32.2	48.2#



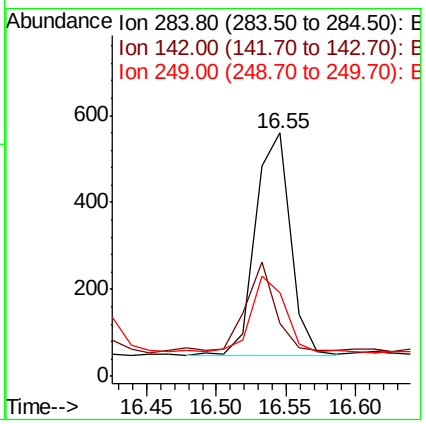


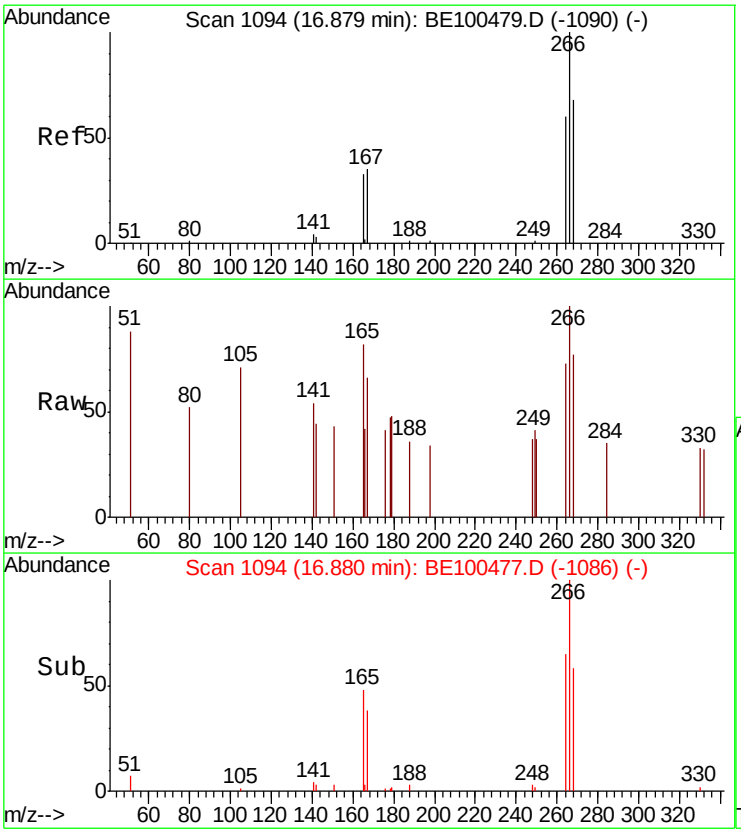
#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 888

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.7	40.1
249	32.5	25.0	37.4

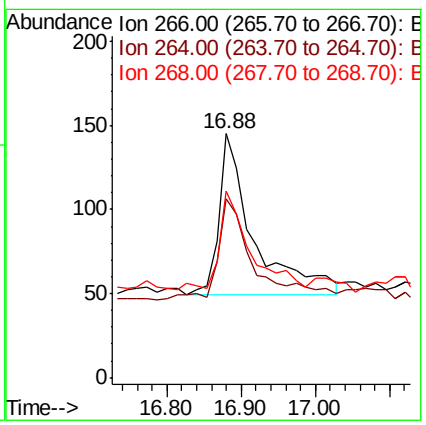


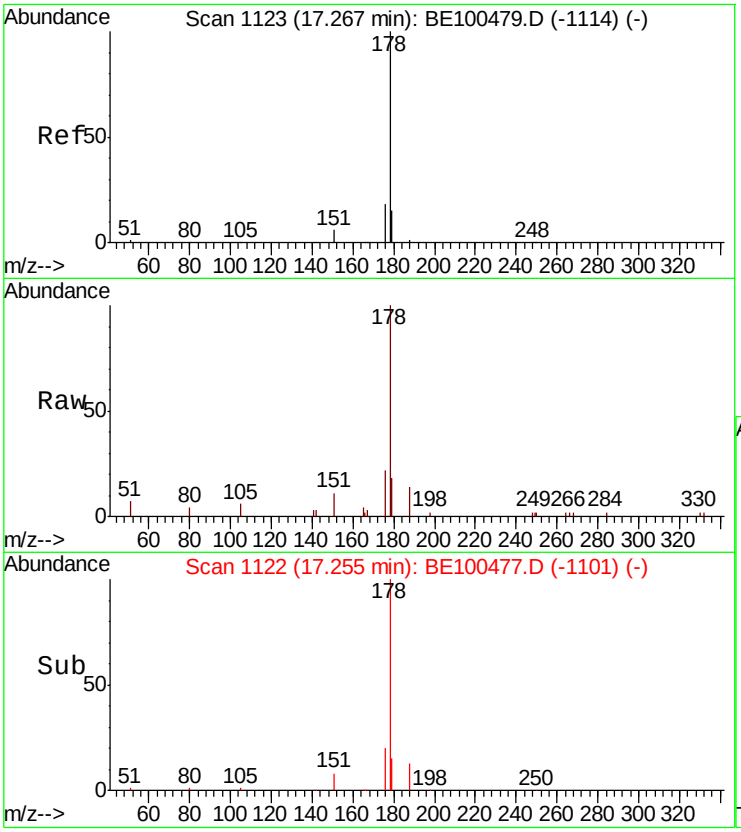


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:266 Resp: 314

Ion	Ratio	Lower	Upper
266	100		
264	73.1	50.4	75.6
268	76.6	56.6	85.0



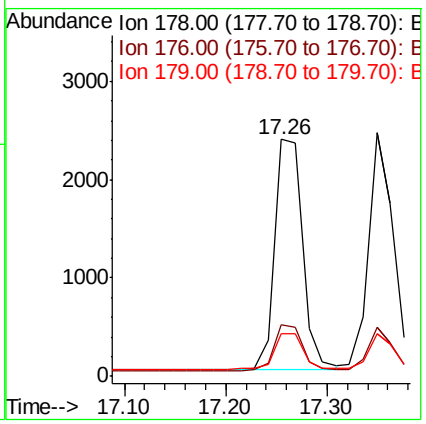


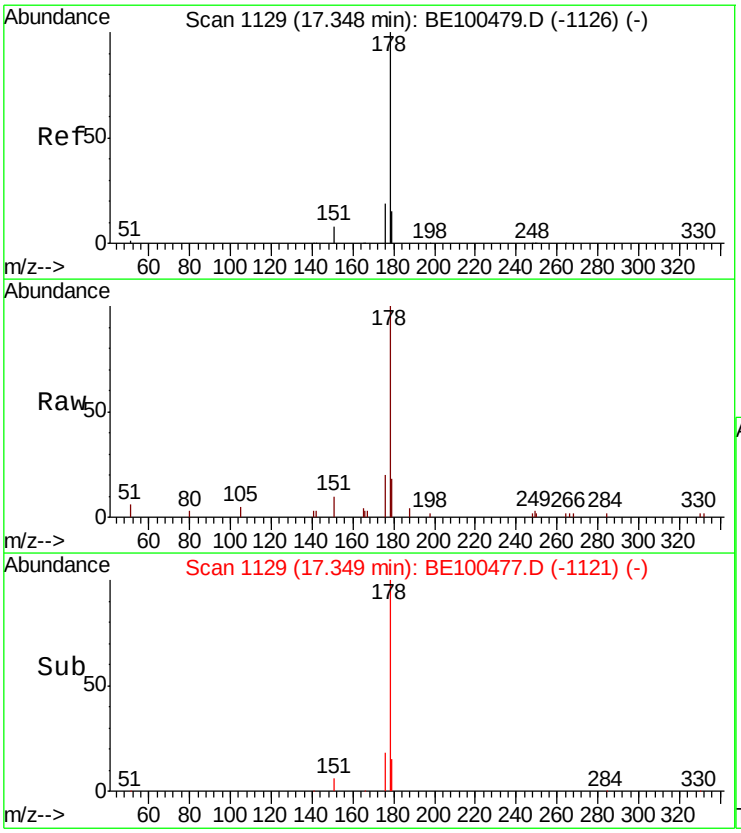
#23
Phenanthrene
Concen: 0.106 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4441

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.0	12.6	18.8

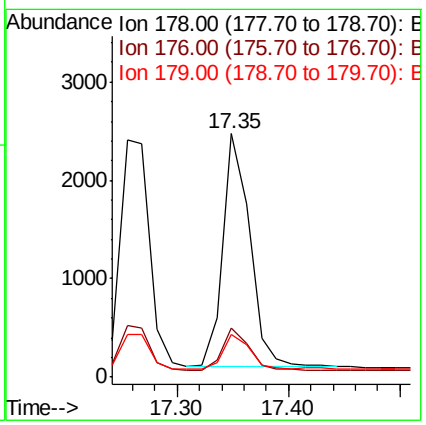


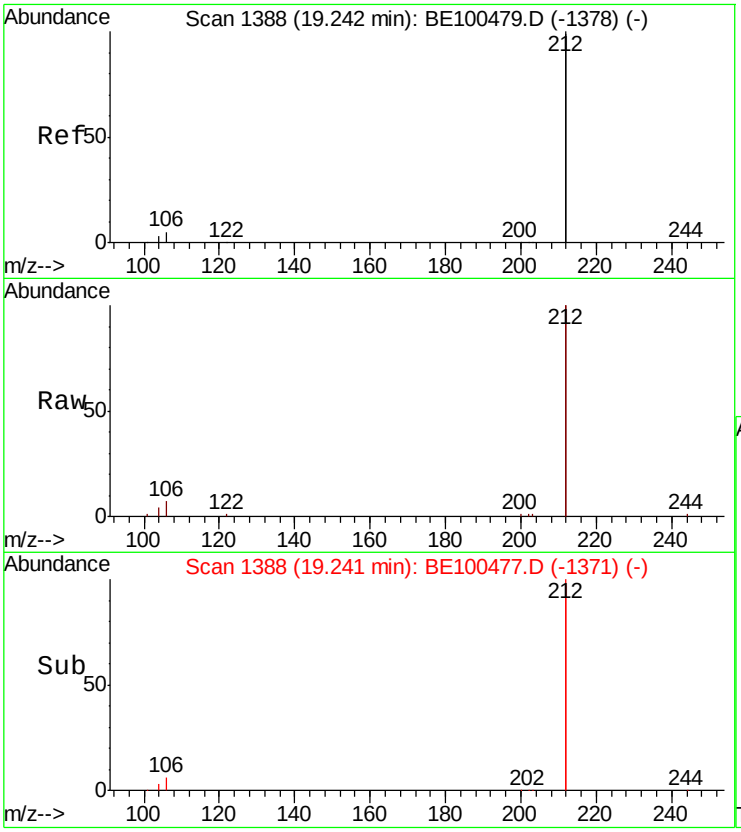


#24
Anthracene
Concen: 0.103 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:178 Resp: 4014

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.4	12.2	18.2



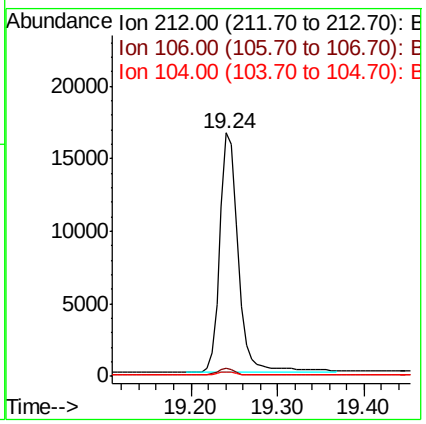


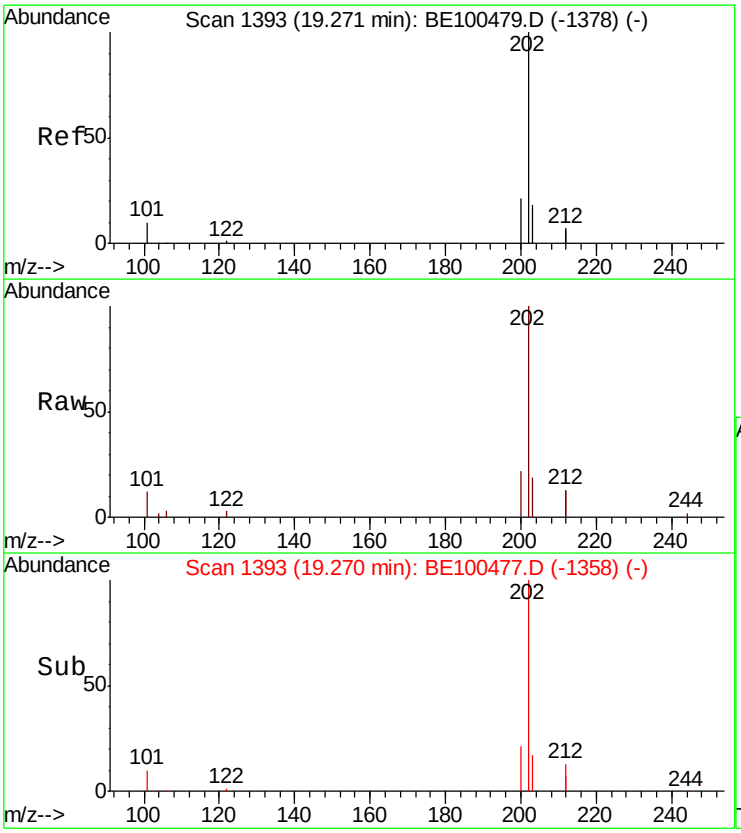
#25
Fluoranthene-d10
Concen: 0.104 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 24610

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.5	1.2	1.8

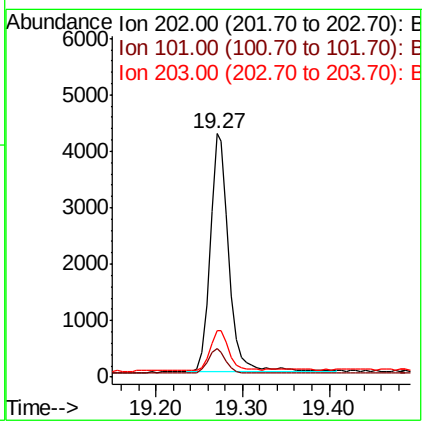


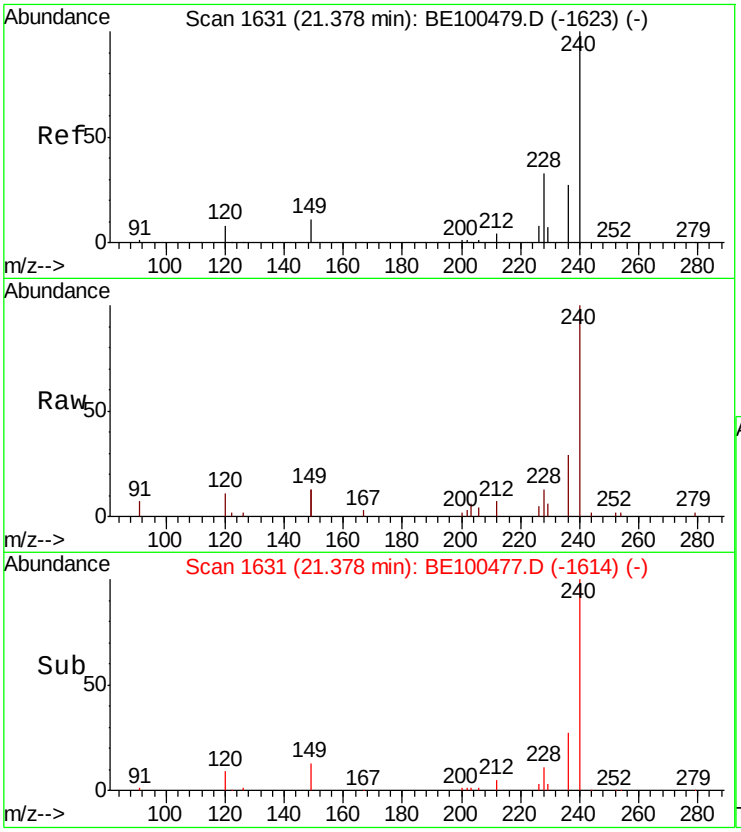


#26
Fluoranthene
Concen: 0.104 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:202 Resp: 6451

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.0	12.0
203	16.7	13.5	20.3



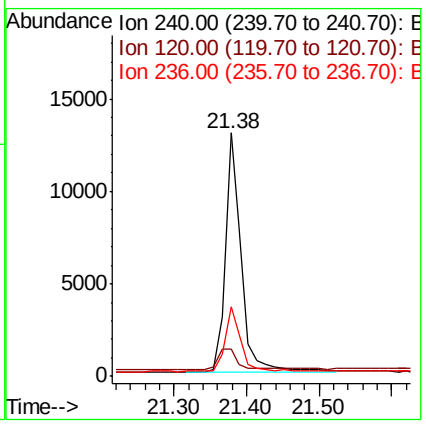


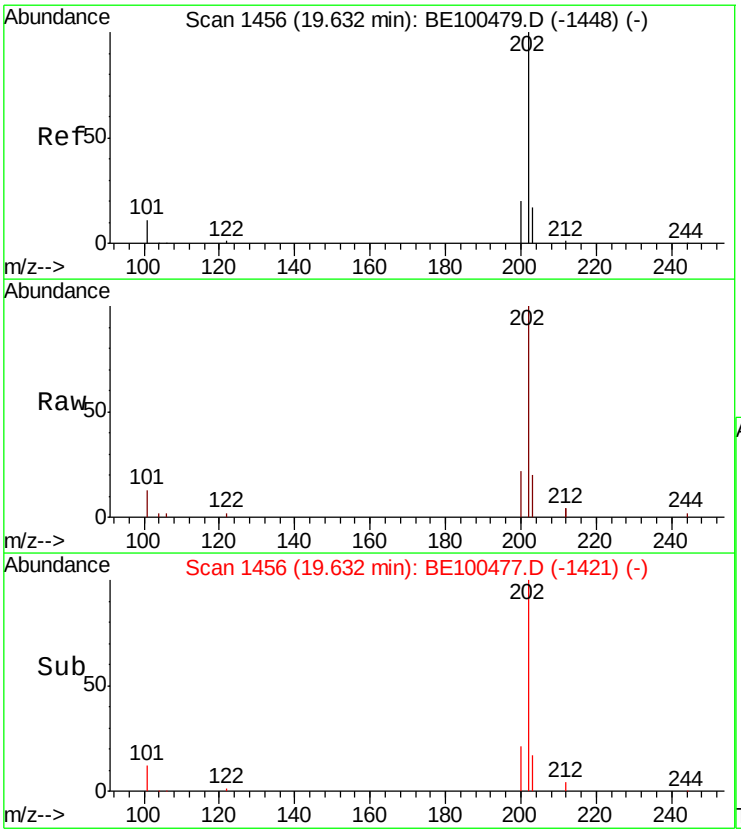
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20148

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	28.7	22.6	34.0

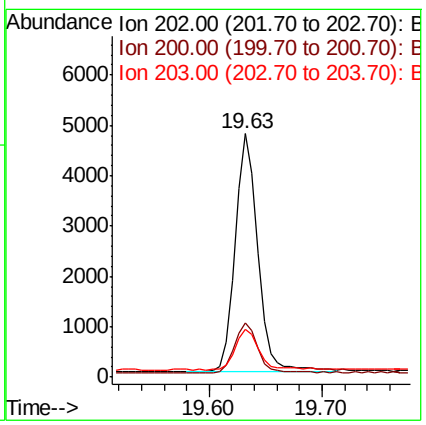


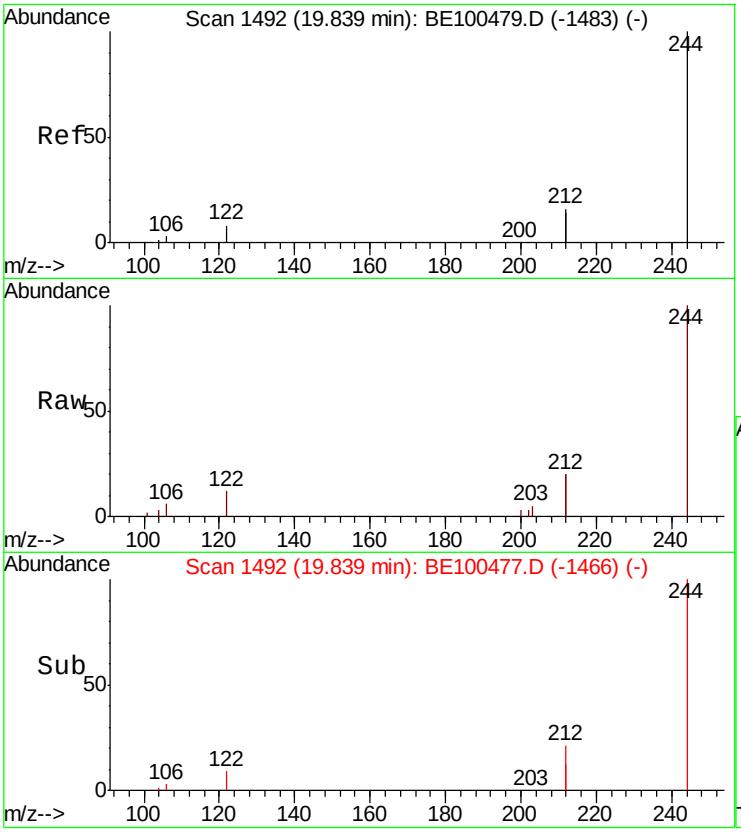


#28
Pyrene
Concen: 0.113 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:202 Resp: 6707

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	18.4	14.1	21.1



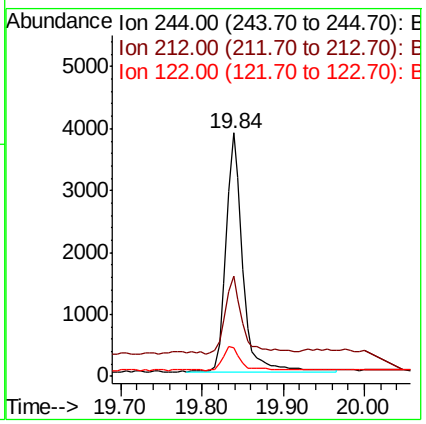


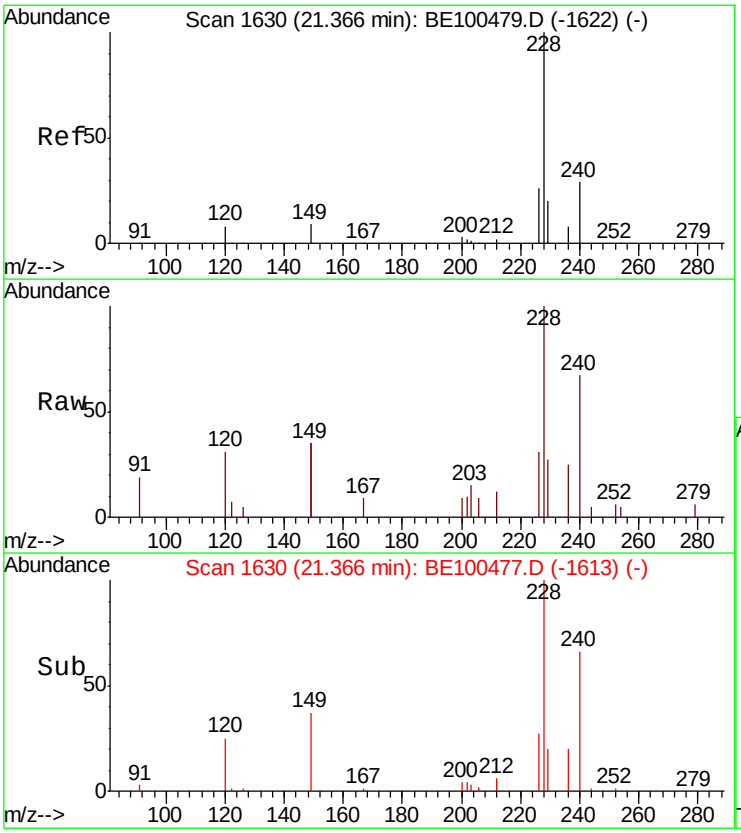
#29
Terphenyl-d14
Concen: 0.117 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5441

Ion	Ratio	Lower	Upper
244	100		
212	41.0	25.6	38.4#
122	11.6	7.2	10.8#

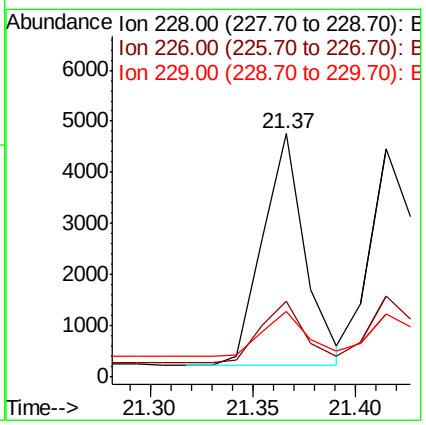


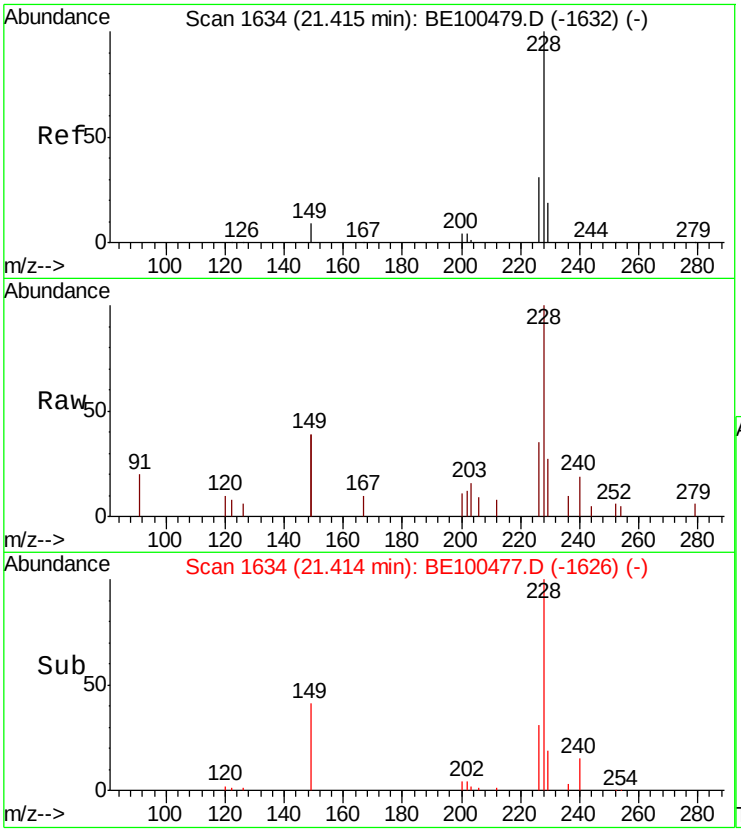


#30
Benzo(a)anthracene
Concen: 0.106 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:228 Resp: 6535

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.4	32.2
229	26.9	17.3	25.9#



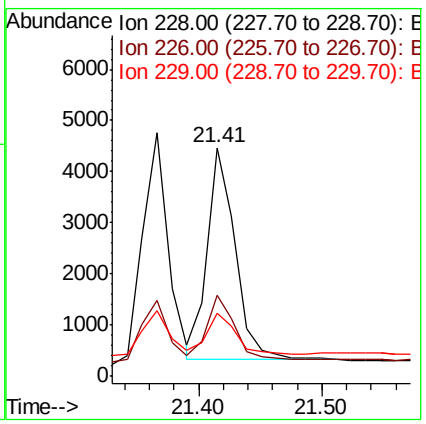


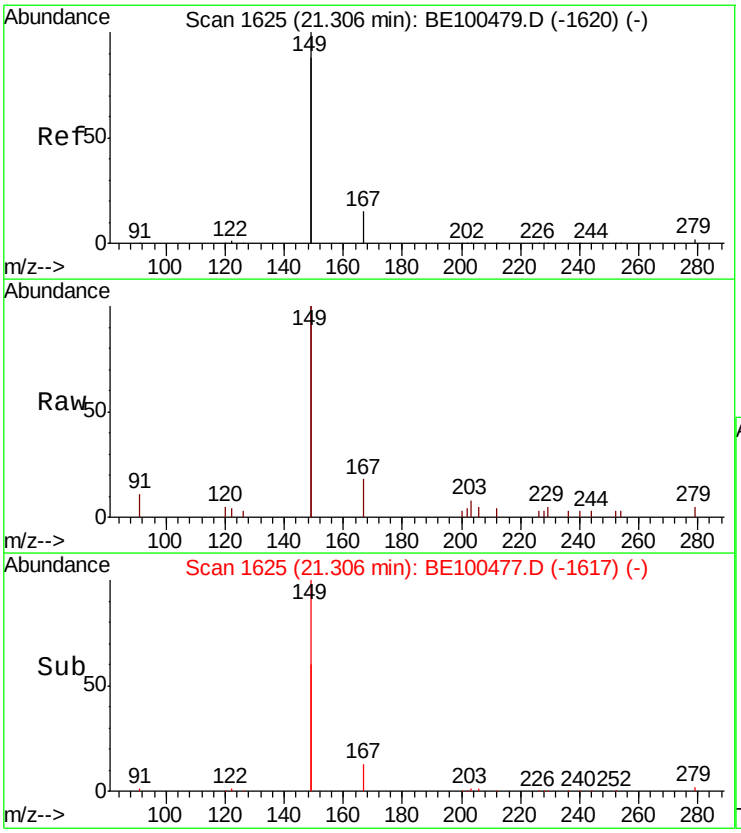
#31
Chrysene
Concen: 0.107 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6551

Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.0	37.6
229	27.4	16.7	25.1#

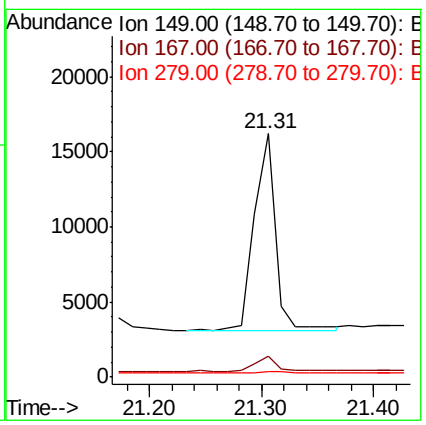


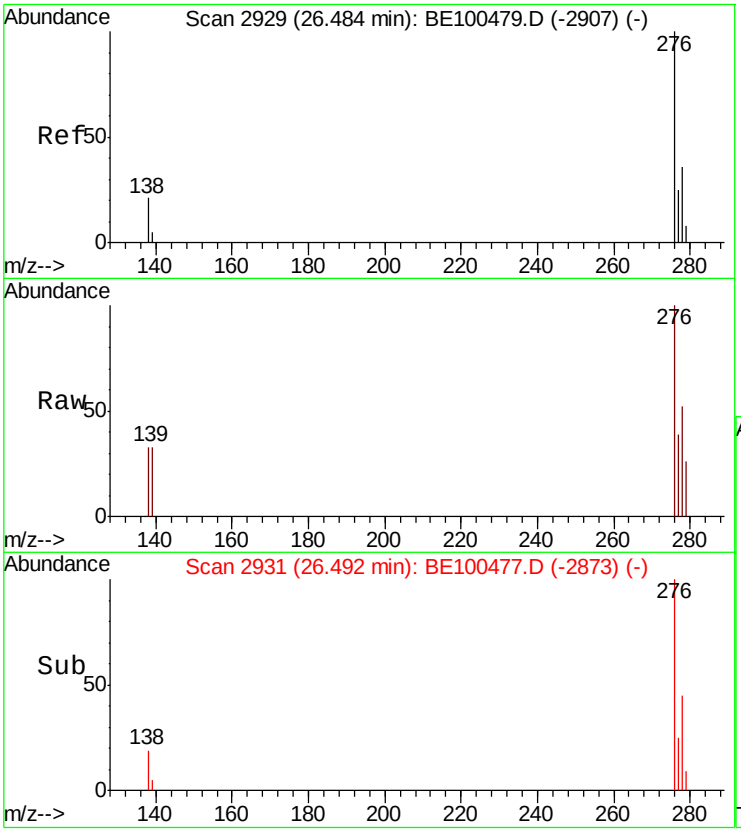


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:149 Resp: 17232

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.9	8.9
279	1.2	1.0	1.6



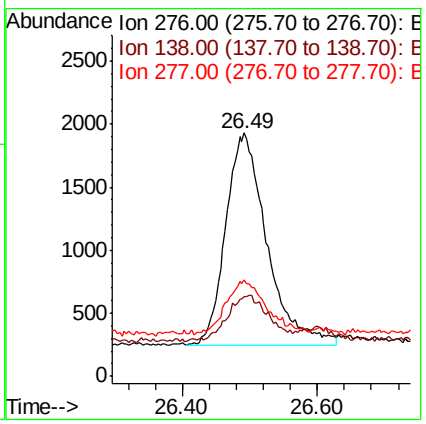


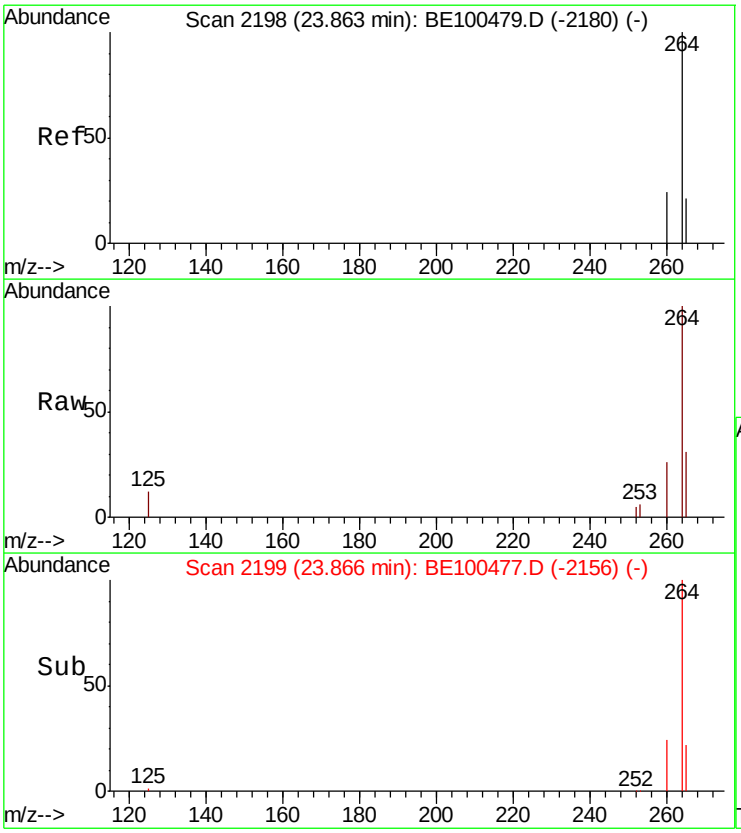
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 26.49 min Scan# 2931
Delta R.T. 0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7158

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.6	25.0
277	24.9	19.1	28.7

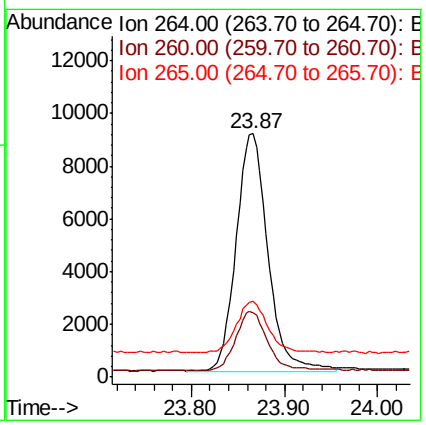


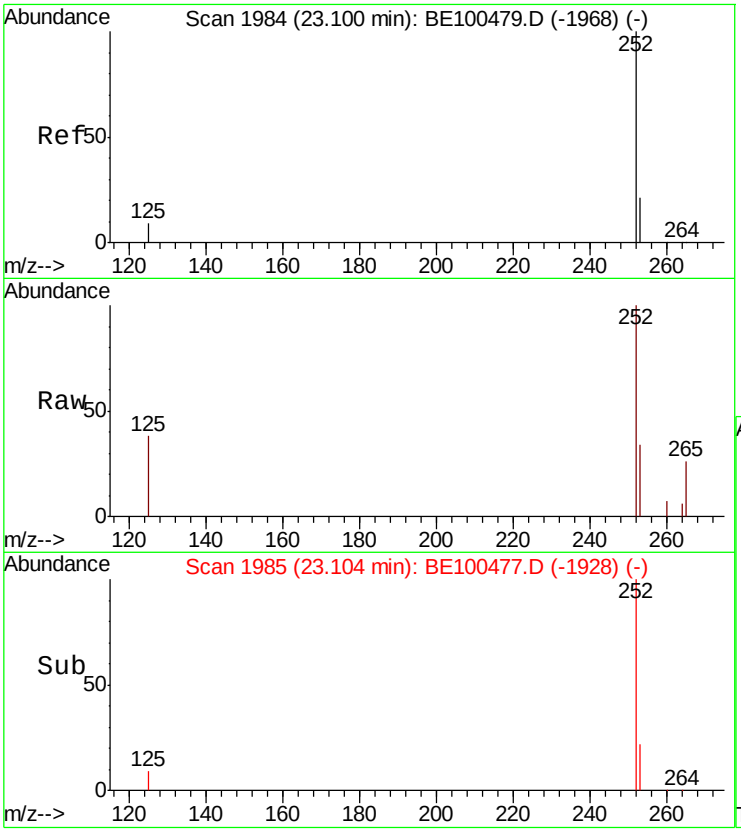


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:264 Resp: 21388

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.7	31.1
265	31.2	23.4	35.2



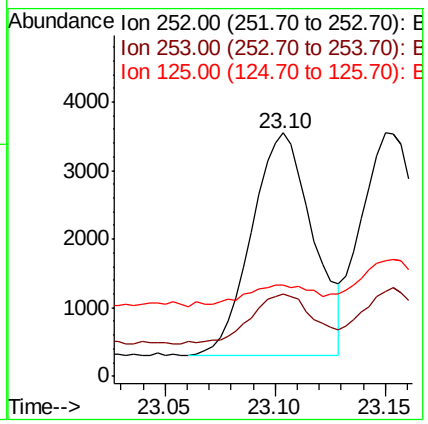


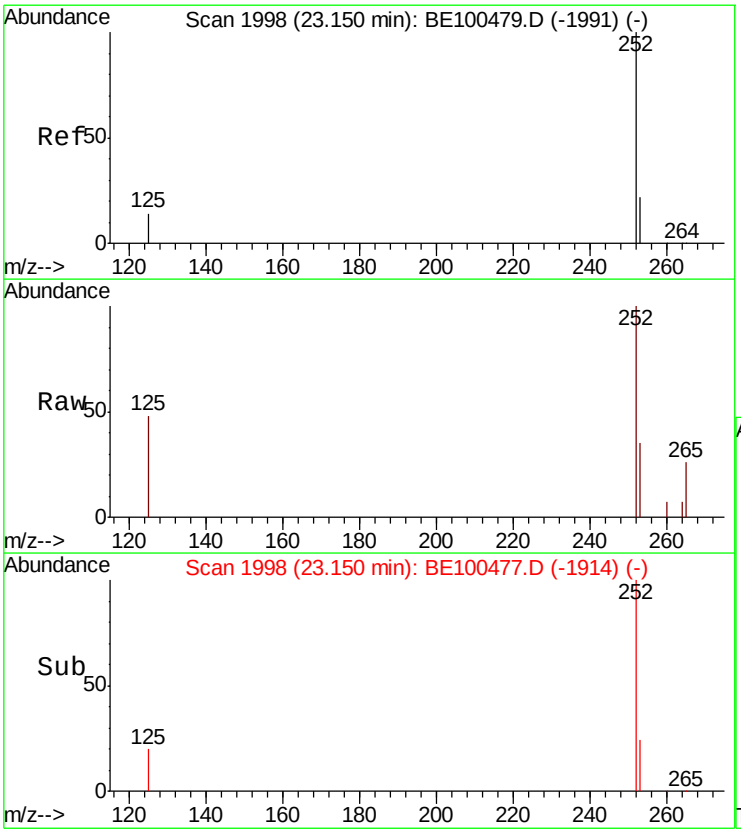
#35
Benzo(b)fluoranthene
Concen: 0.106 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6268

Ion	Ratio	Lower	Upper
252	100		
253	33.7	19.2	28.8#
125	37.7	11.9	17.9#

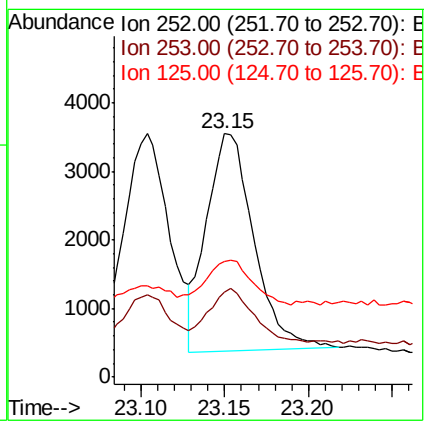


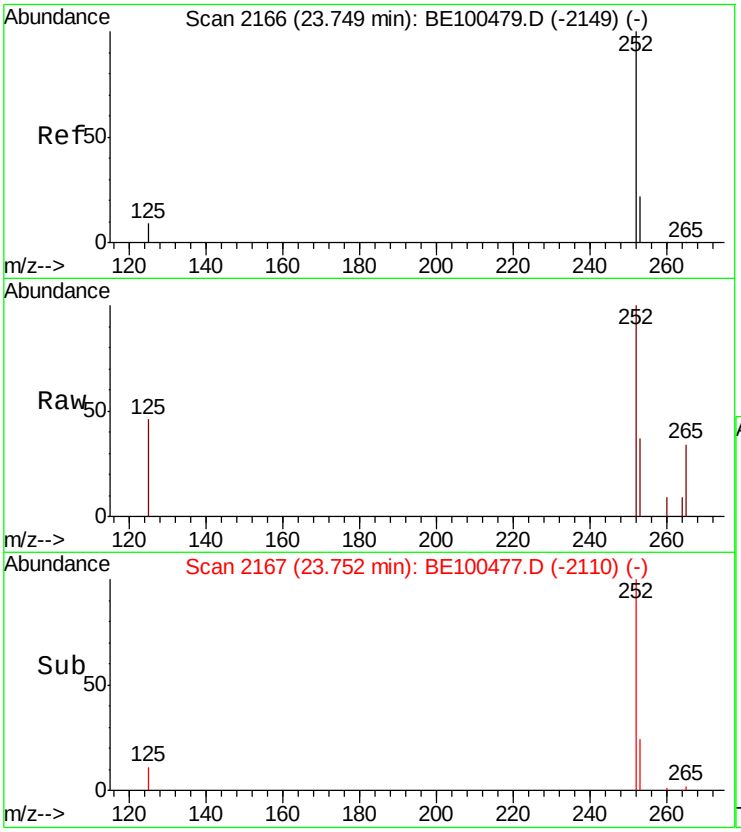


#36
Benzo(k)fluoranthene
Concen: 0.099 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:252 Resp: 6232

Ion	Ratio	Lower	Upper
252	100		
253	35.1	19.7	29.5#
125	47.8	15.2	22.8#



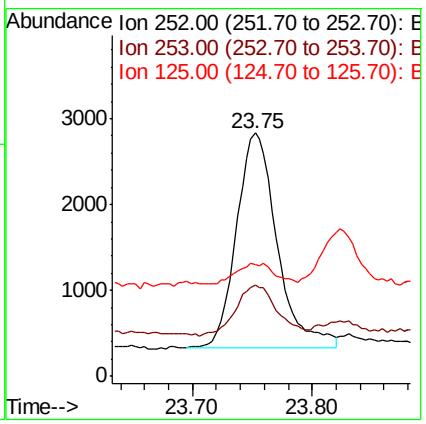


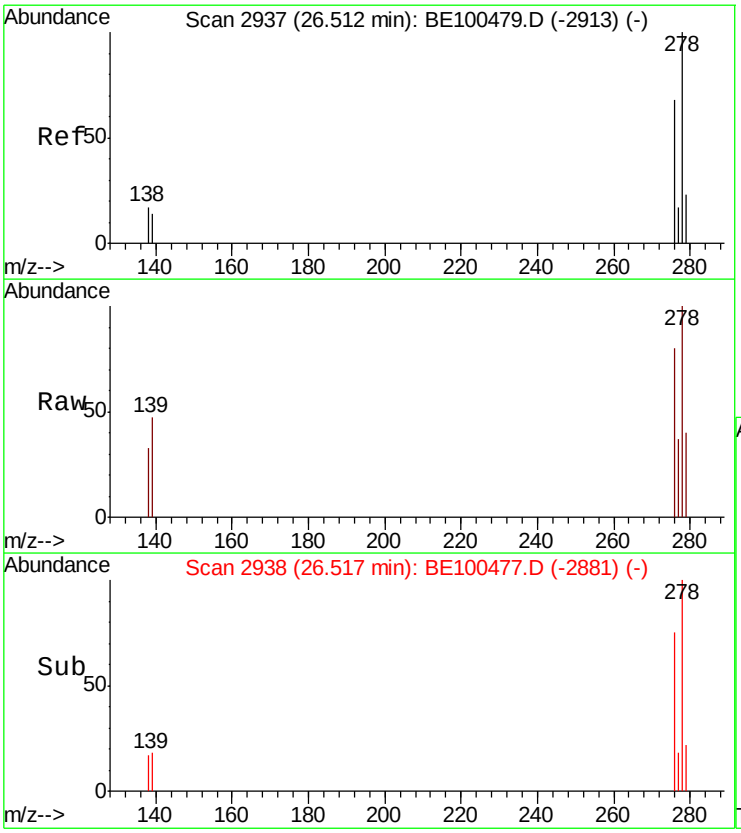
#37
Benzo(a)pyrene
Concen: 0.105 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5960

Ion	Ratio	Lower	Upper
252	100		
253	37.5	20.0	30.0#
125	46.2	14.1	21.1#

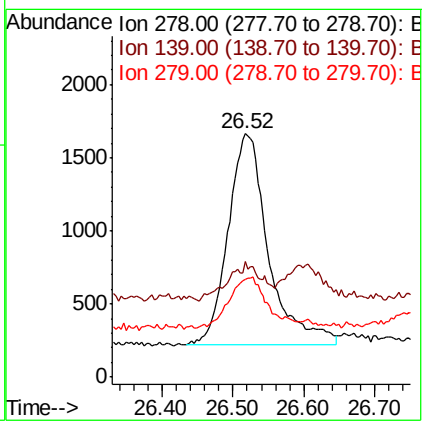


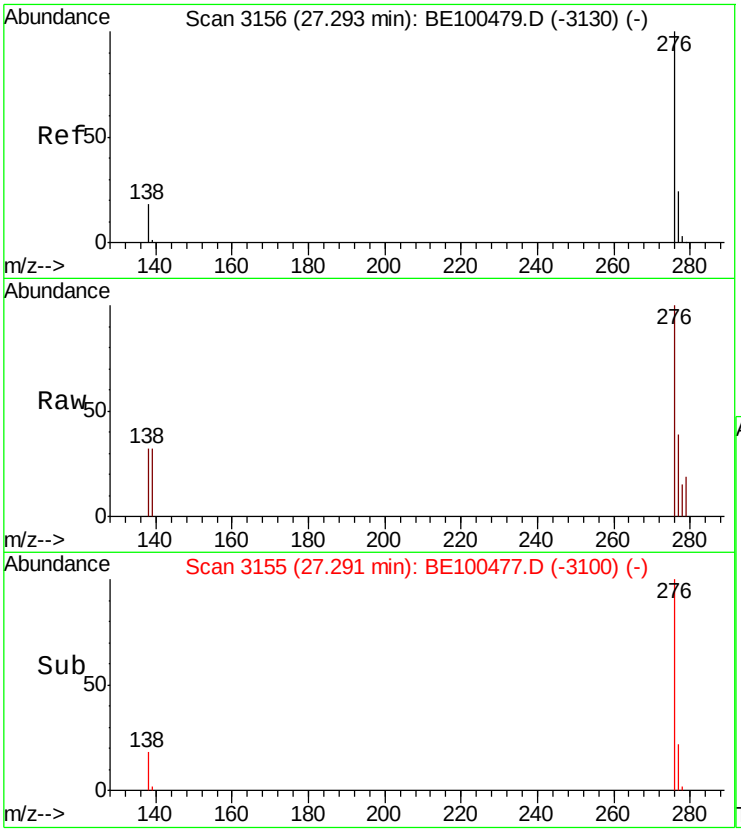


#38
Dibenzo(a,h)anthracene
Concen: 0.107 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:278 Resp: 5757

Ion	Ratio	Lower	Upper
278	100		
139	47.3	16.8	25.2#
279	39.9	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.108 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5987

Ion	Ratio	Lower	Upper
276	100		
277	39.2	22.0	33.0#
138	32.0	17.3	25.9#