Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071919\

Quantitation Report (Not Reviewed)

Data File : BE100475.D
Acq On : 19 Jul 2019 18:28
Operator : HP/JU
Sample : K3911-03DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HJDC-COMP1DL

Quant Time: Jul 20 02:44:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:59:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3584	0.40	ng		0.01
7) Naphthalene-d8	10.68	136	15005	0.40	ng		0.01
13) Acenaphthene-d10	14.51	164	8743	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	19747	0.40	ng		0.01
27) Chrysene-d12	21.40	240	21008	0.40	ng		0.02
34) Perylene-d12	23.97	264	5581	0.40	ng		0.11
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	173	0.02	ng		0.01
5) Phenol-d6	7.04	99	509	0.04	ng		0.01
8) Nitrobenzene-d5	9.03	82	431	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	446	0.02	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	163	0.04	ng		0.01
15) 2-Fluorobiphenyl	13.15	172	446	0.01	ng		0.01
25) Fluoranthene-d10	19.26	212	3130	0.01	ng		0.02
29) Terphenyl-d14	19.85	244	1378	0.03	ng		0.01
Target Compounds							Qvalue
9) Naphthalene	10.72	128	24712	0.172	ng		99
12) 2-Methylnaphthalene	12.34	142	2986	0.119	ng		100
16) Acenaphthylene	14.23	152	4087	0.102	ng		96
17) Acenaphthene	14.57	154	5478	0.224	ng		99
18) Fluorene	15.54	166	11256	0.346	ng	#	95
22) Pentachlorophenol	16.92	266	92	0.207	ng	#	81
23) Phenanthrene	17.27	178	95938	1.964	ng		100
24) Anthracene	17.36	178	32574	0.714	ng		97
26) Fluoranthene	19.29	202	224006	3.086	ng		99
28) Pyrene	19.65	202	200810	3.251	ng	#	93
30) Benzo(a)anthracene	21.39	228	103851	1.621	ng	#	80
31) Chrysene	21.44	228	89076	1.394	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.32	149	17577	0.124	ng	#	94
35) Benzo(b)fluoranthene	23.22	252	151367	9.815	ng	#	36
36) Benzo(k)fluoranthene	23.22	252	166533	10.163	ng	#	39
37) Benzo(a)pyrene	23.86	252	121126	8.144	ng	#	4

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

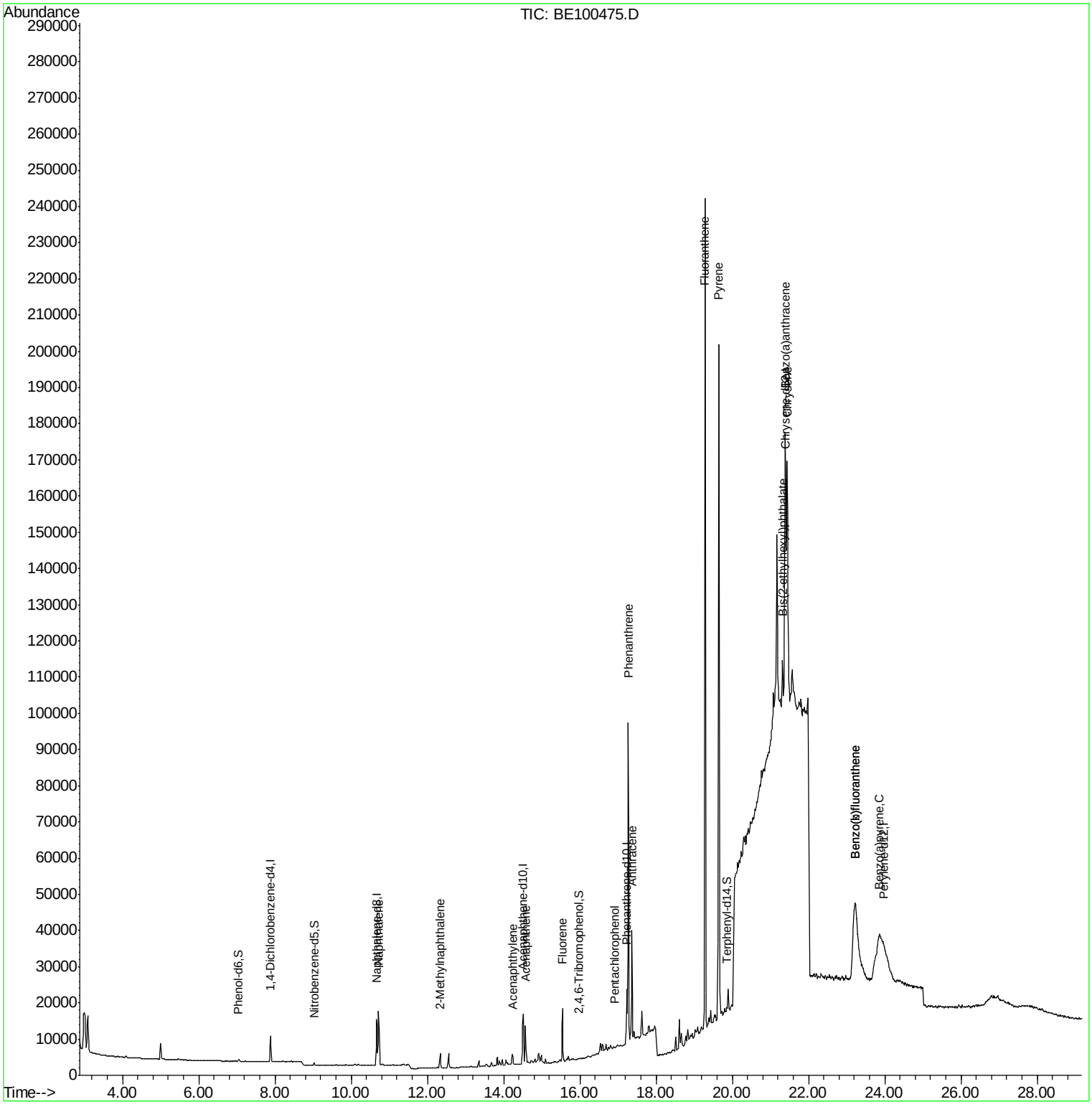
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071919\

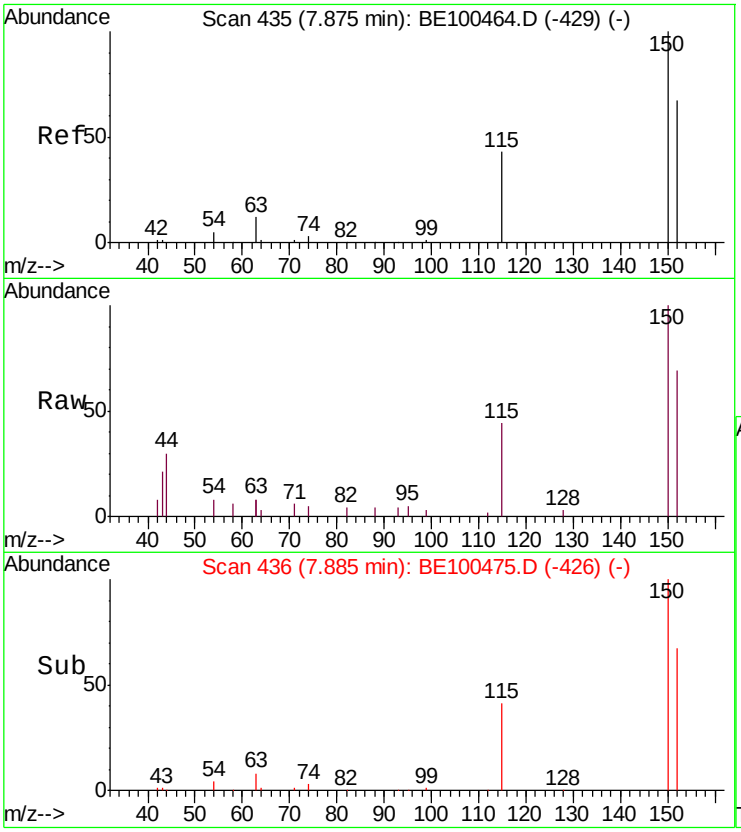
Quantitation Report (Not Reviewed)

Data File : BE100475.D
Acq On : 19 Jul 2019 18:28
Operator : HP/JU
Sample : K3911-03DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Quant Time: Jul 20 02:44:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:59:01 2019
Response via : Initial Calibration



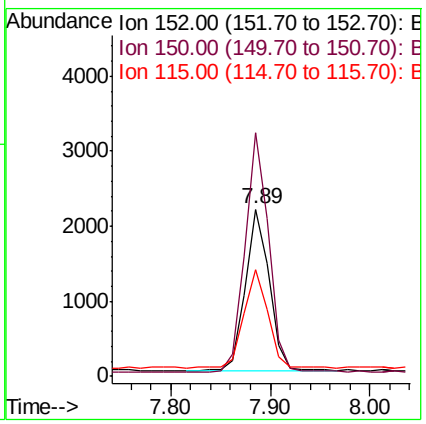


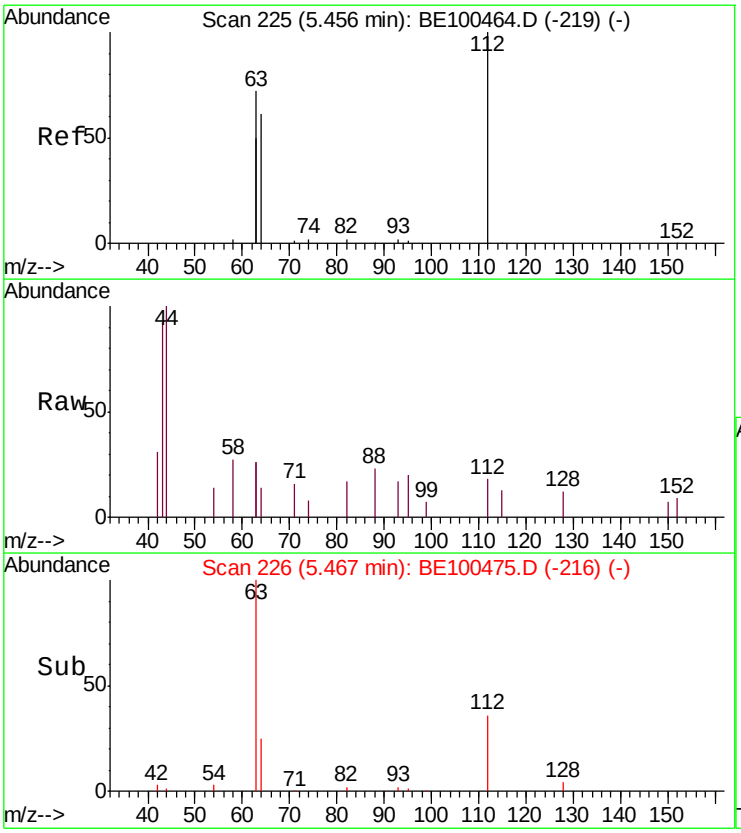
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:152 Resp: 3584

Ion	Ratio	Lower	Upper
152	100		
150	145.7	117.6	176.4
115	63.8	54.9	82.3

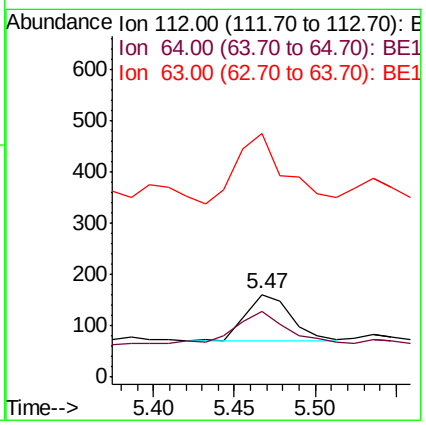


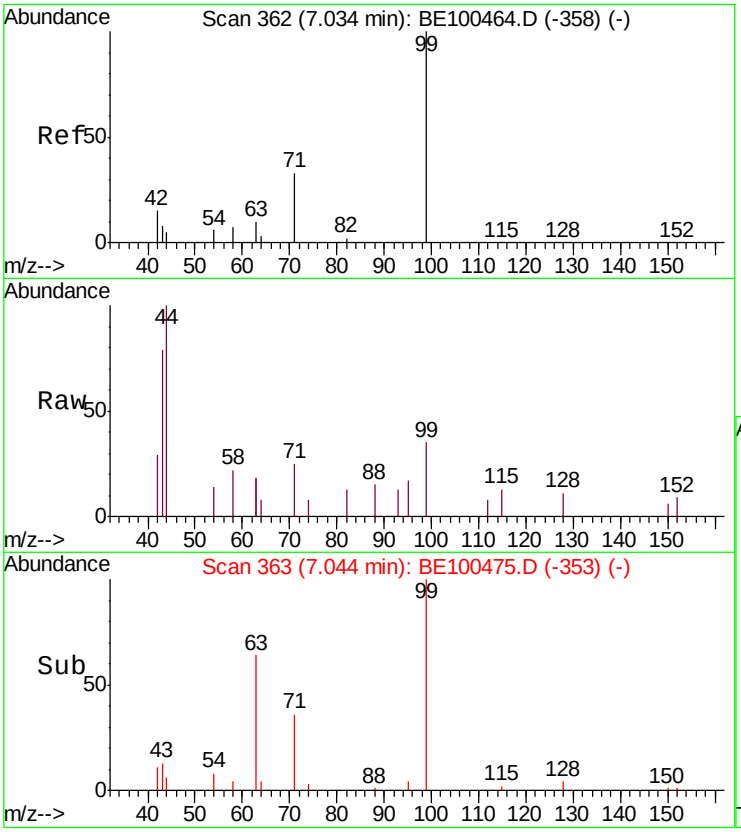


#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:112 Resp: 173

Ion	Ratio	Lower	Upper
112	100		
64	72.8	51.9	77.9
63	178.0	103.9	155.9#



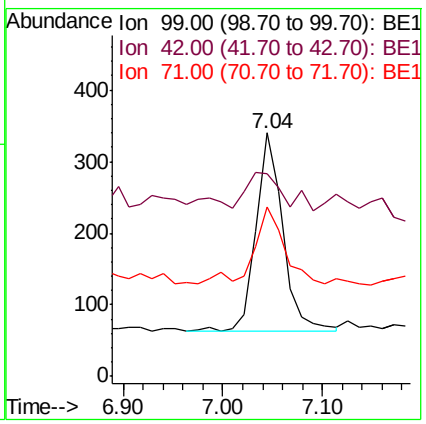


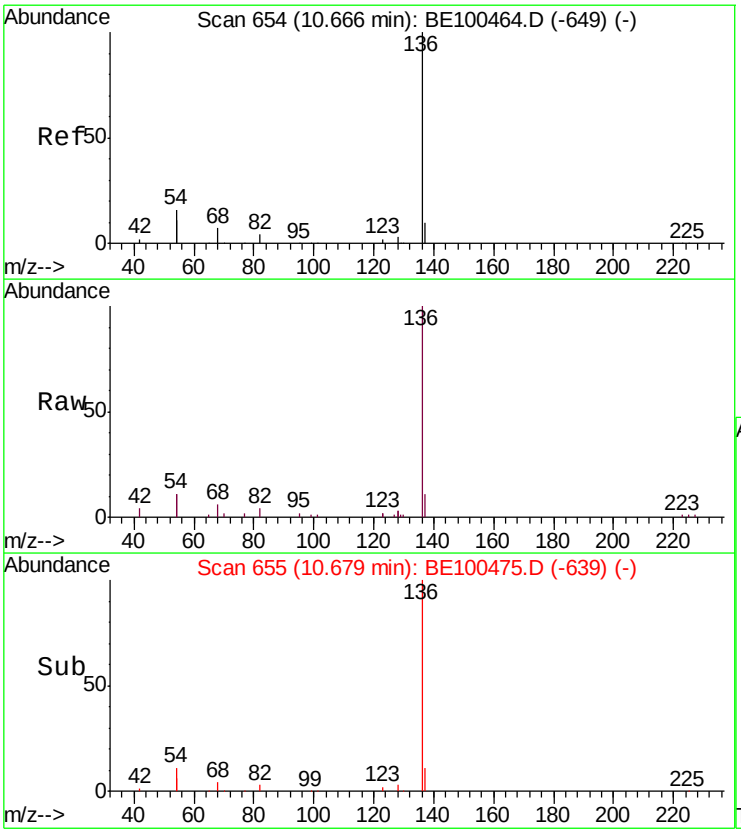
#5
Phenol-d6
Concen: 0.041 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion: 99 Resp: 509

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.4#
71	44.2	26.0	39.0#

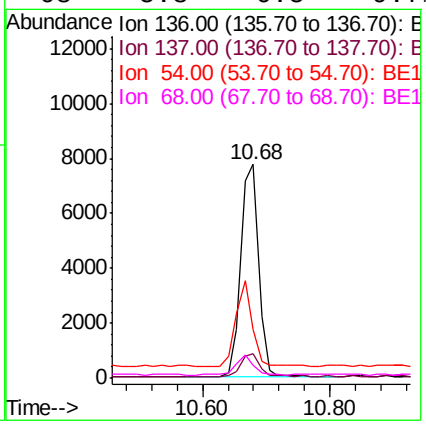


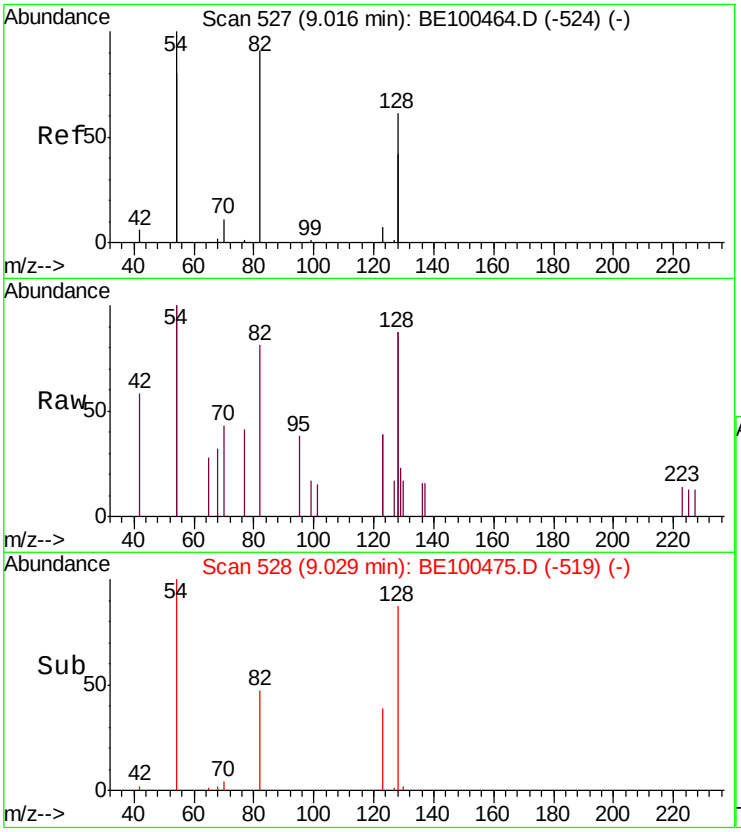


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:136 Resp: 15005

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	22.7	26.2	39.2#
68	5.8	6.5	9.7#



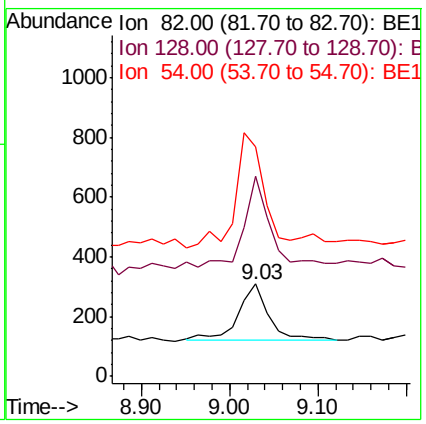


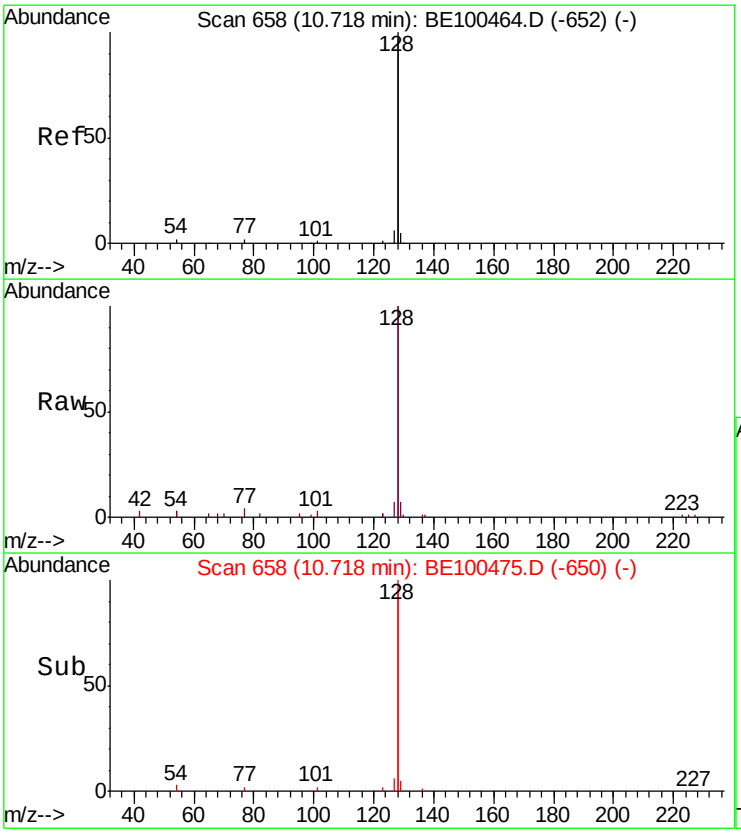
#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion: 82 Resp: 431

Ion	Ratio	Lower	Upper
82	100		
128	216.8	100.7	151.1#
54	248.4	164.4	246.6#

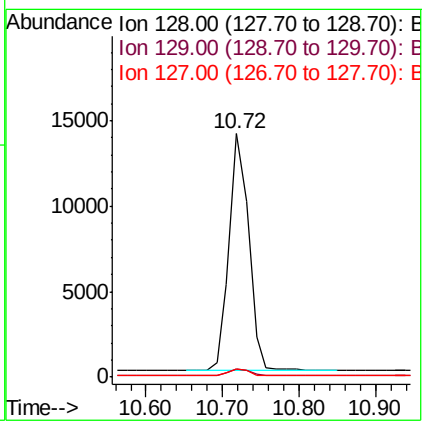


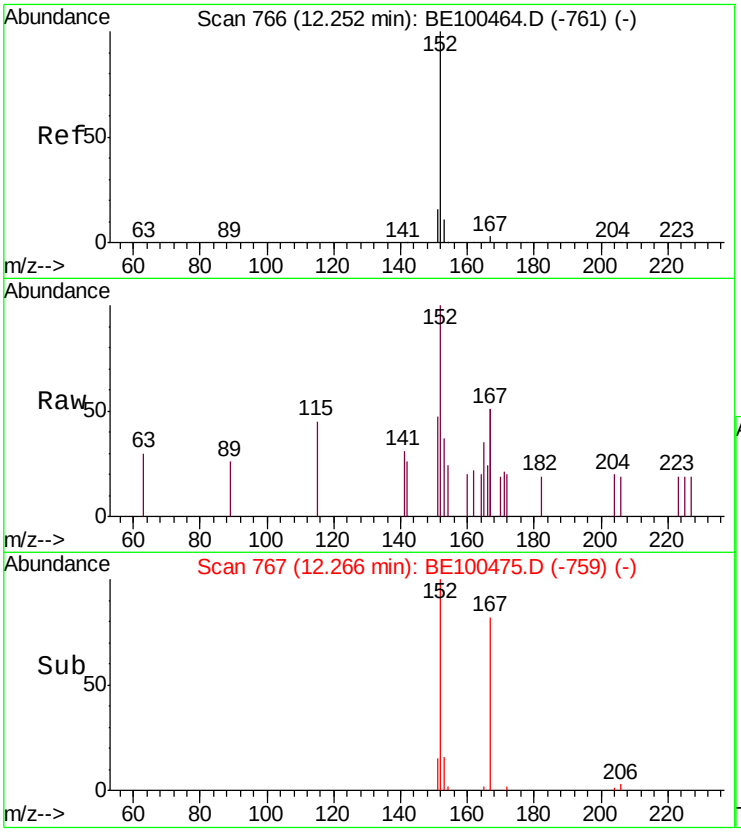


#9
Naphthalene
Concen: 0.172 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:128 Resp: 24712

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.4	3.6
127	3.5	2.6	4.0



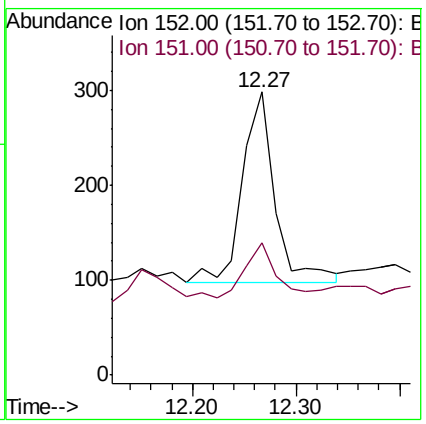


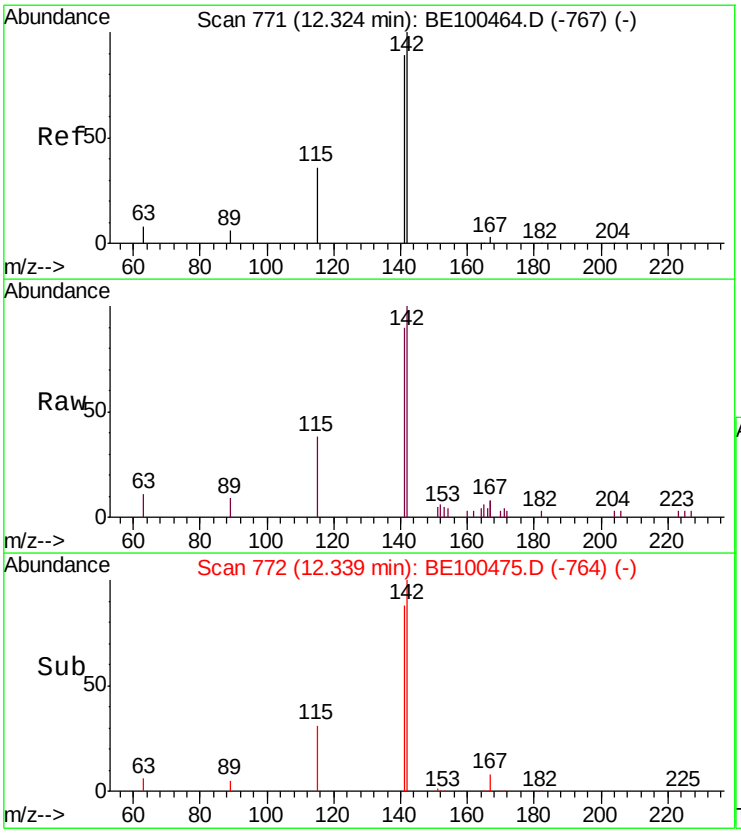
#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:152 Resp: 446

Ion	Ratio	Lower	Upper
152	100		
151	26.2	15.8	23.6#

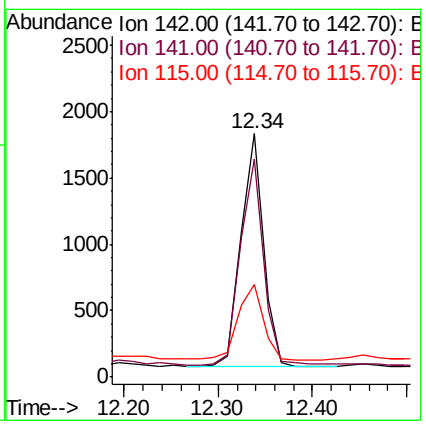


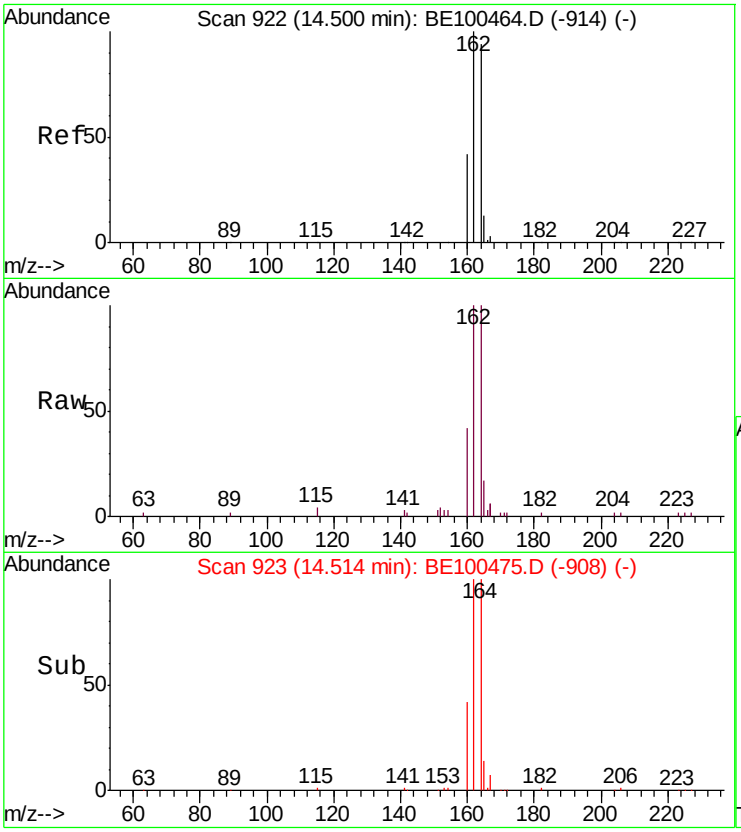


#12
2-Methylnaphthalene
Concen: 0.119 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:142 Resp: 2986

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	38.2	30.4	45.6



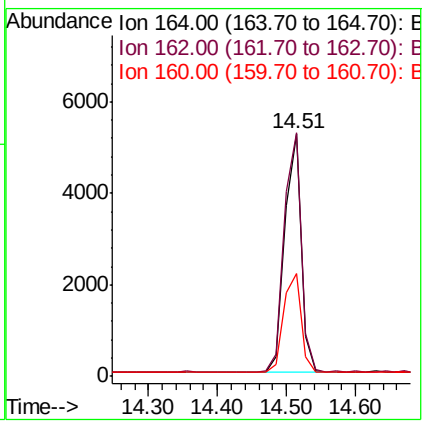


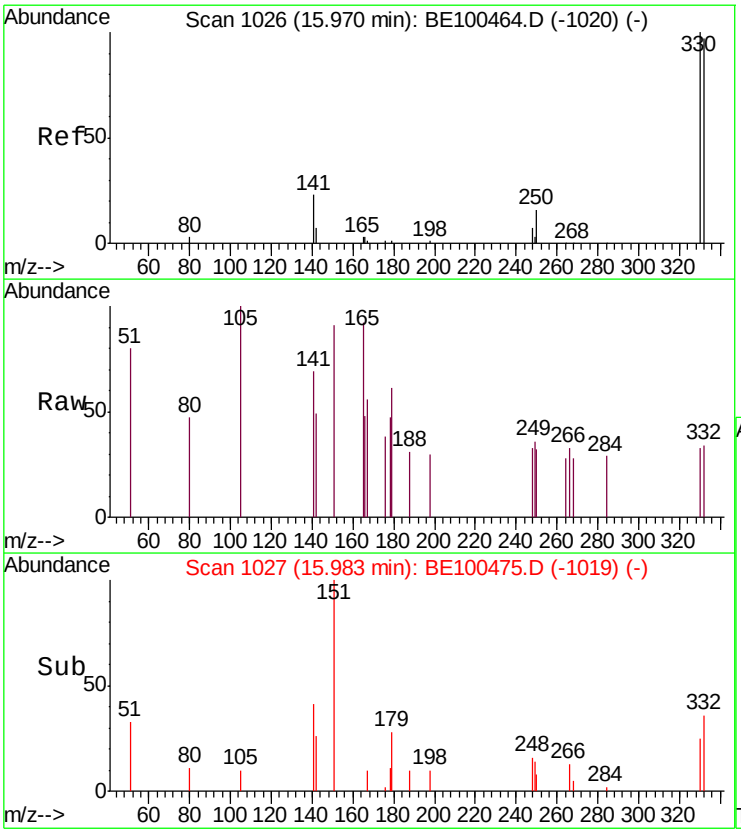
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:164 Resp: 8743

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.0	127.6
160	42.6	36.2	54.2

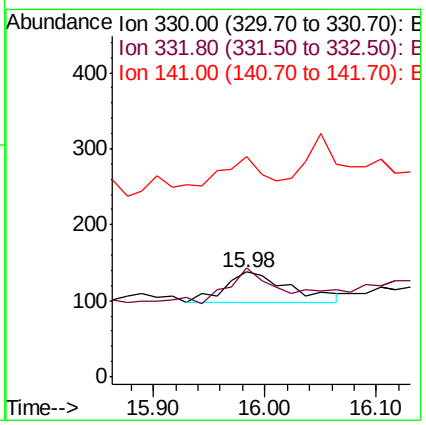


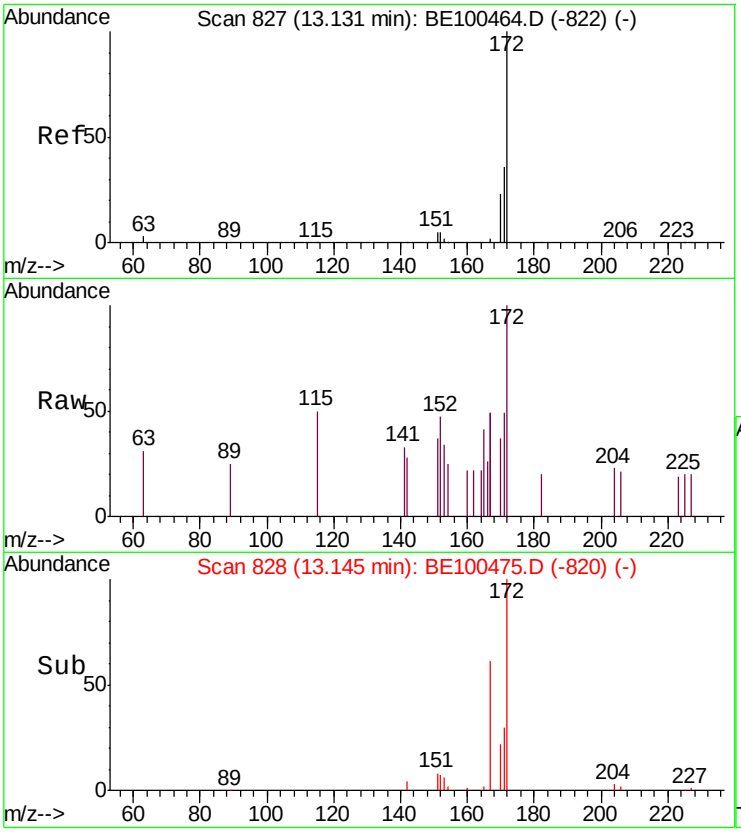


#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:330 Resp: 163

Ion	Ratio	Lower	Upper
330	100		
332	55.2	76.3	114.5#
141	51.5	29.4	44.2#



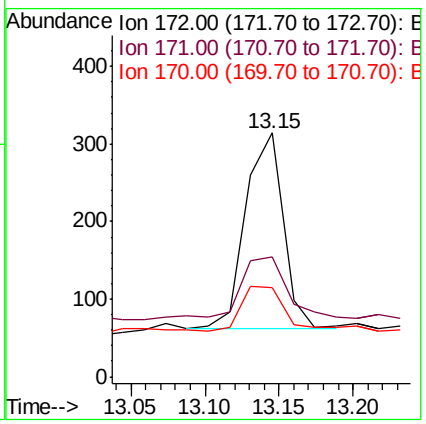


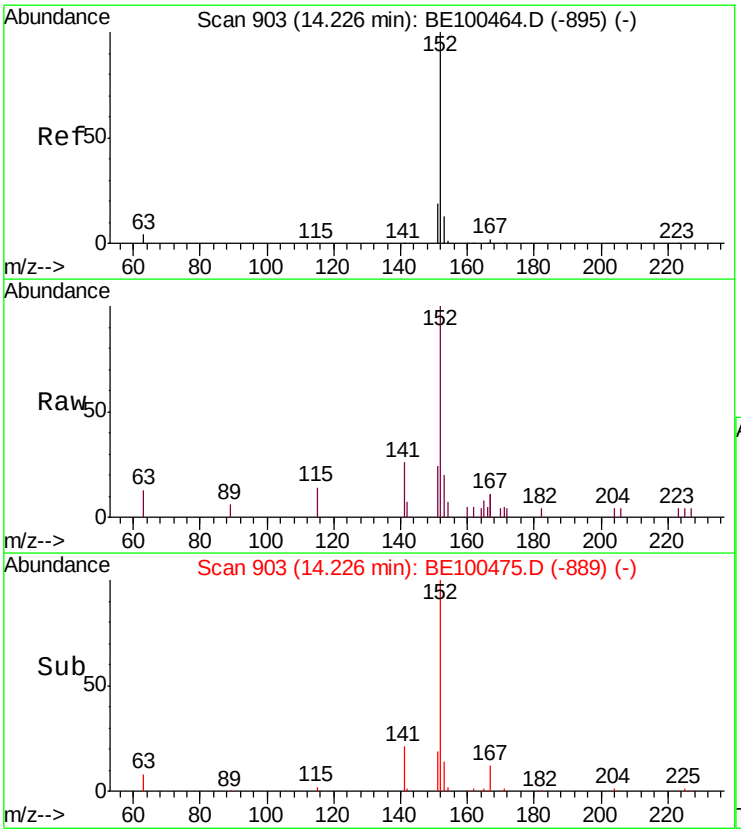
#15
2-Fluorobiphenyl
Concen: 0.012 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:172 Resp: 446

Ion	Ratio	Lower	Upper
172	100		
171	49.0	29.2	43.8#
170	36.6	18.8	28.2#

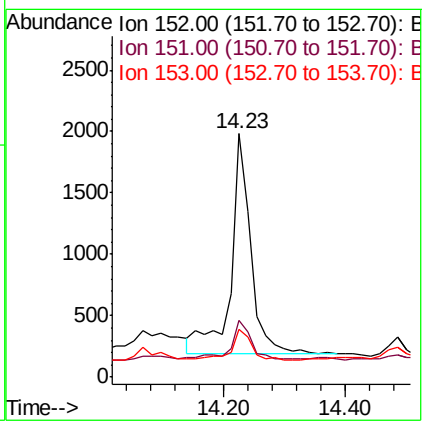


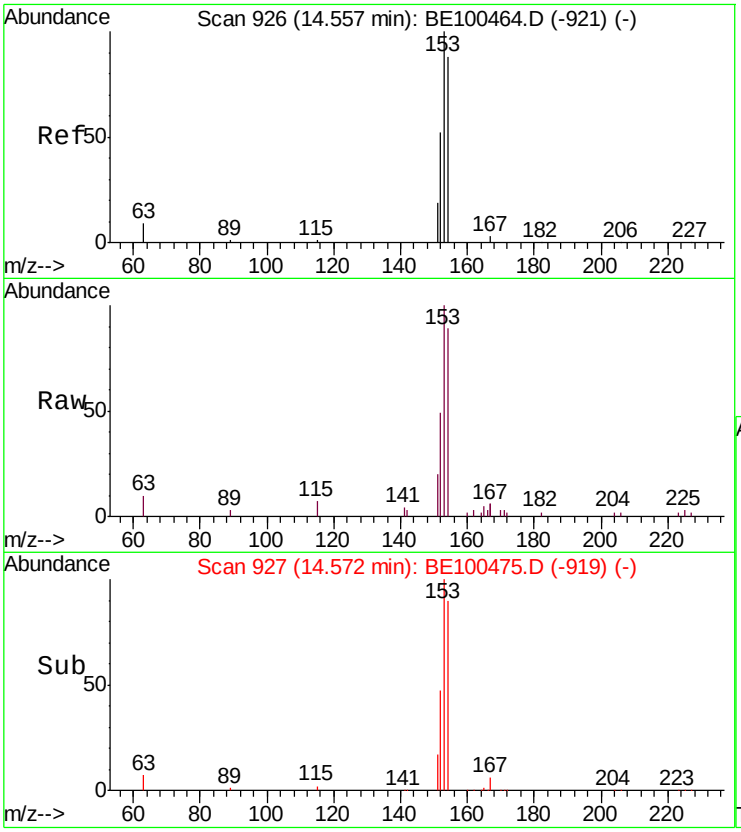


#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:152 Resp: 4087

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.5	23.3
153	14.9	10.6	15.8



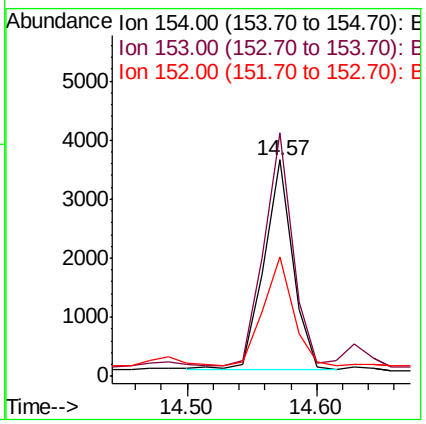


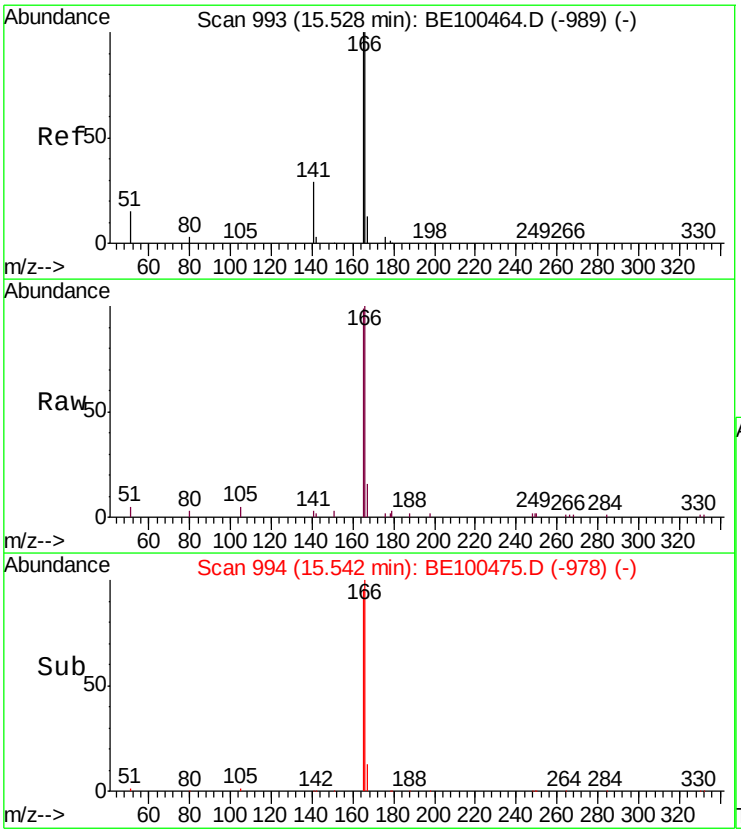
#17
Acenaphthene
Concen: 0.224 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:154 Resp: 5478

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.4	134.2
152	54.0	44.4	66.6

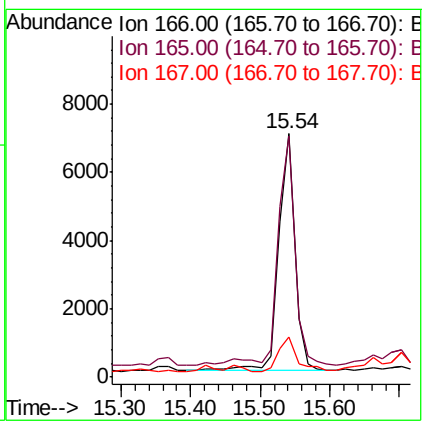


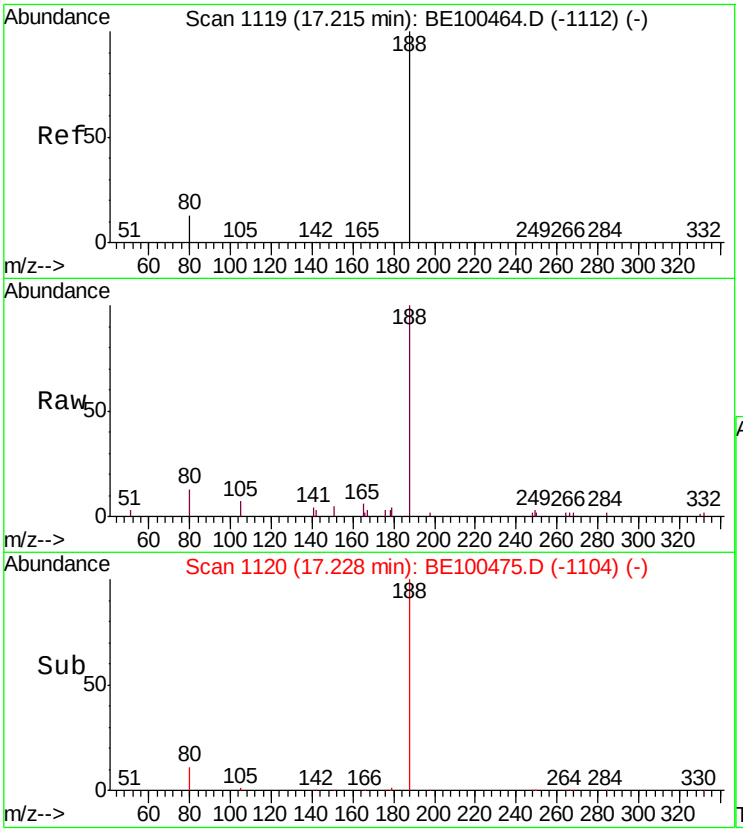


#18
Fluorene
Concen: 0.346 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:166 Resp: 11256

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.8	119.8
167	16.0	10.4	15.6#



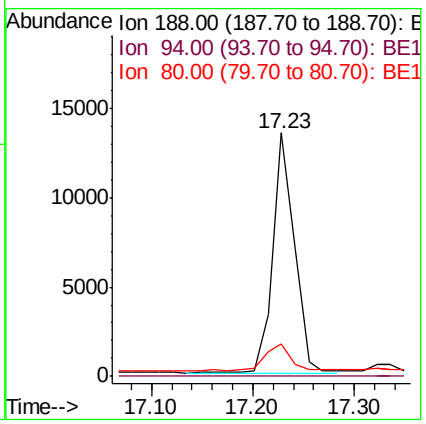


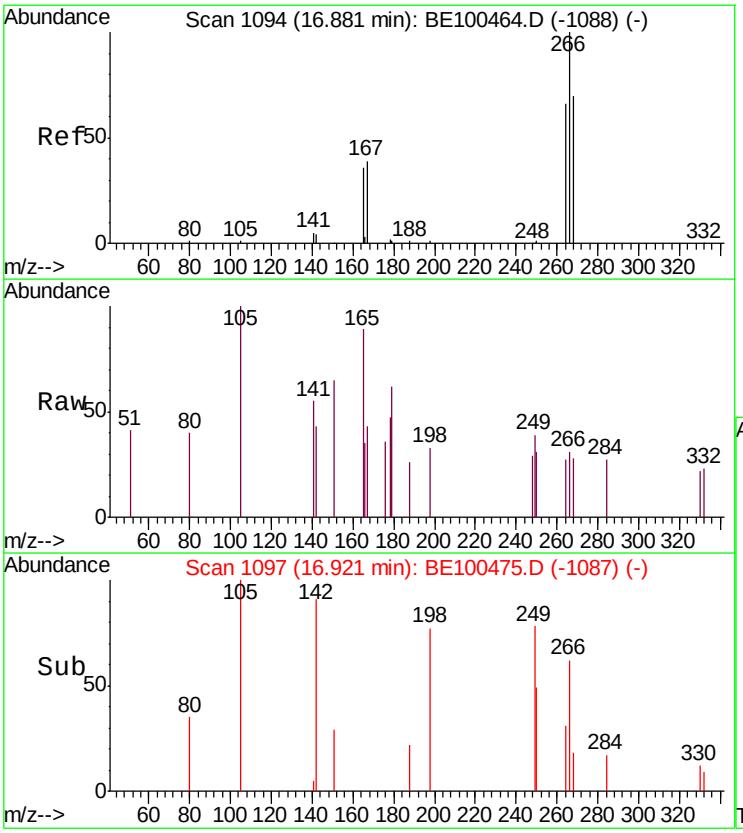
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:188 Resp: 19747

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.7	16.1

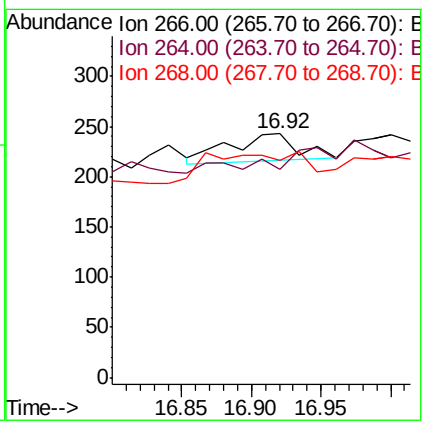


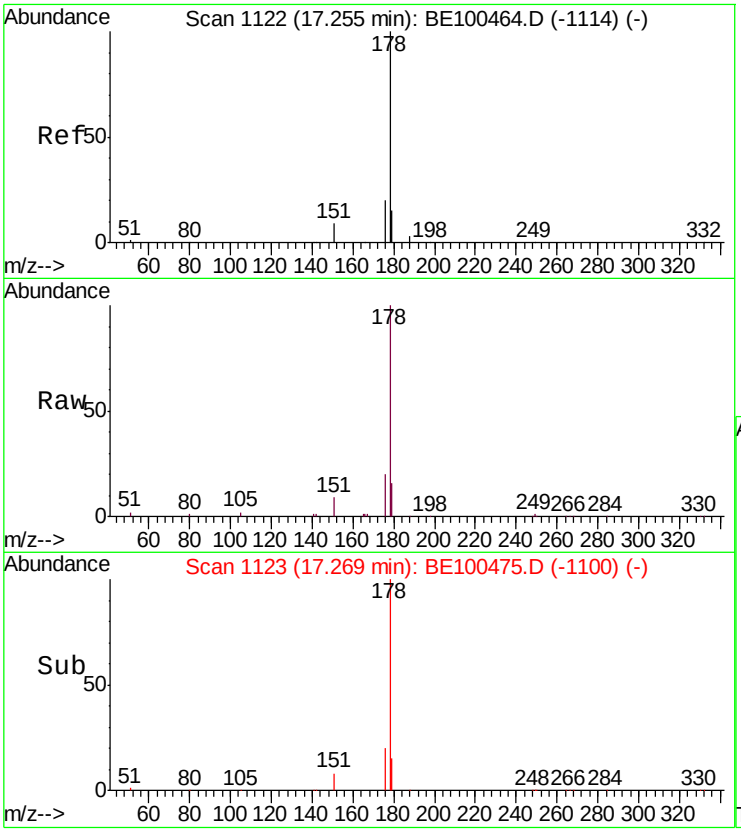


#22
Pentachlorophenol
Concen: 0.207 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.04 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
264	85.6	55.5	83.3#
268	88.9	59.2	88.8#



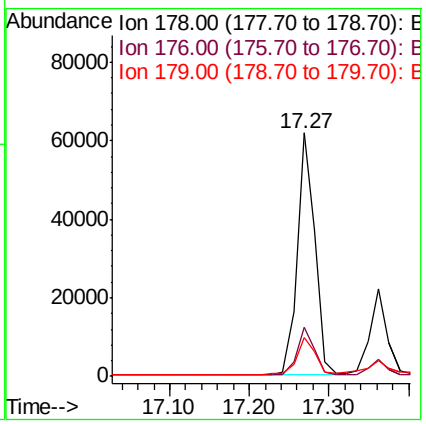


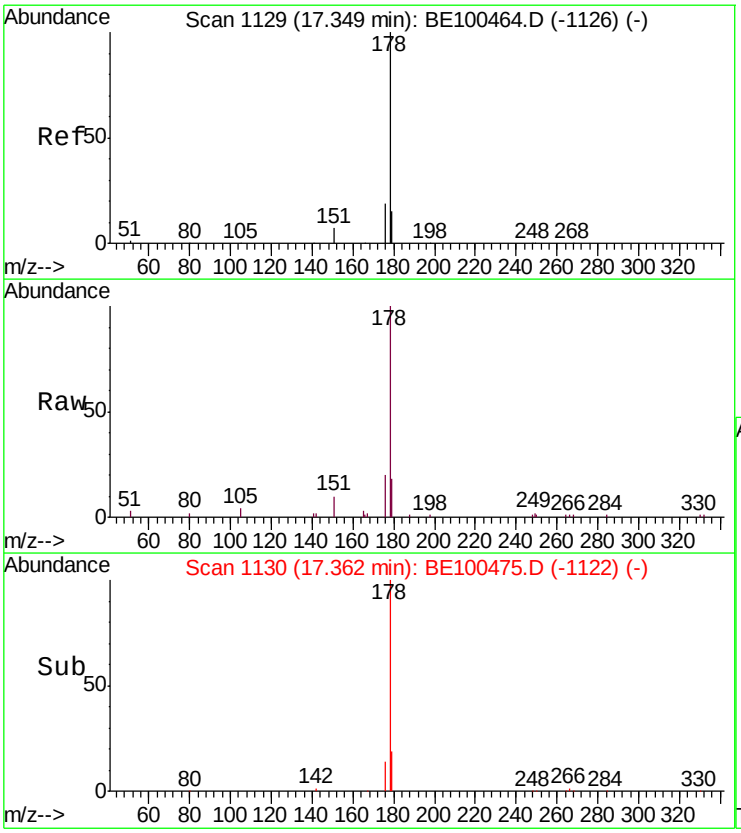
#23
Phenanthrene
Concen: 1.964 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:178 Resp: 95938

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.9	12.5	18.7

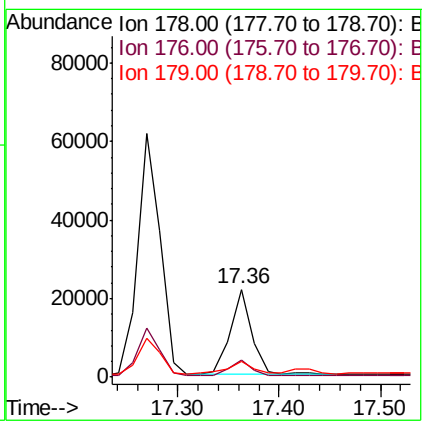


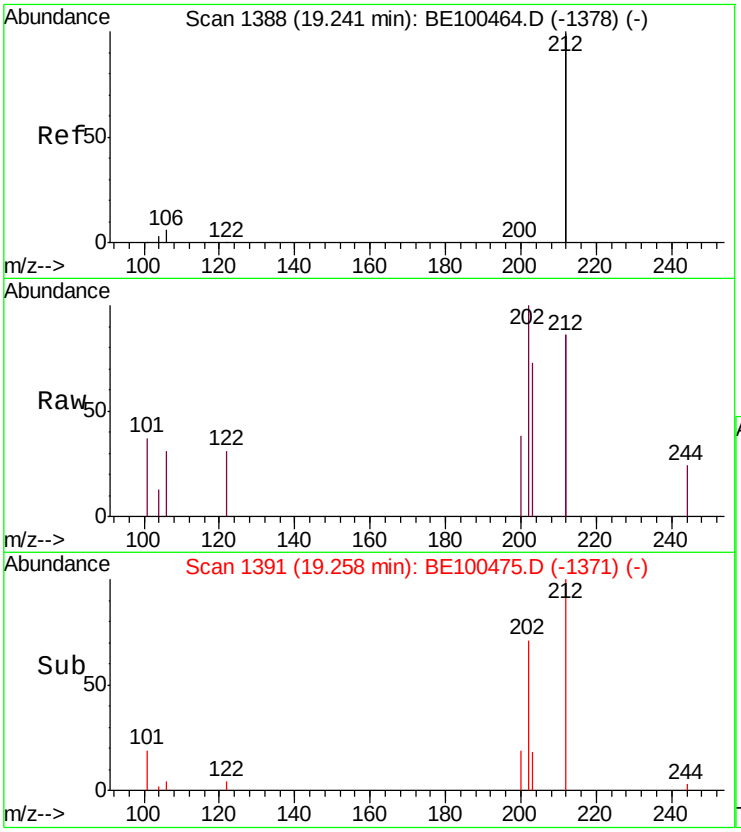


#24
Anthracene
Concen: 0.714 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:178 Resp: 32574

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	17.3	12.2	18.2



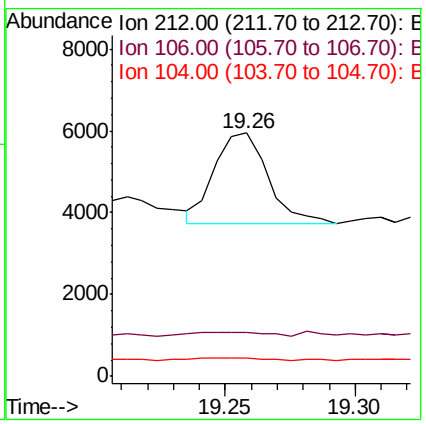


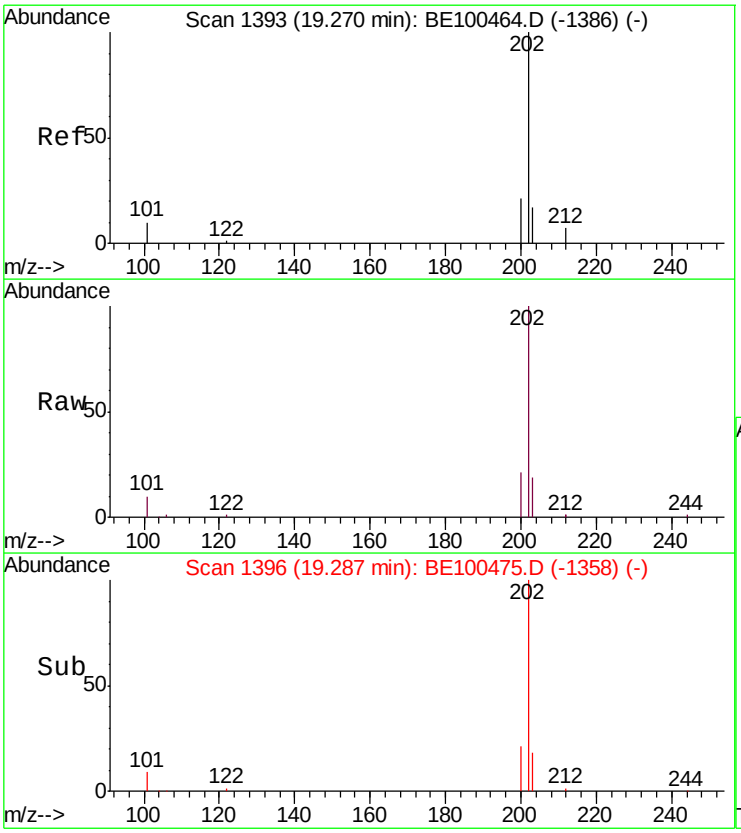
#25
Fluoranthene-d10
Concen: 0.011 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:212 Resp: 3130

Ion	Ratio	Lower	Upper
212	100		
106	6.9	2.2	3.2#
104	4.0	1.2	1.8#

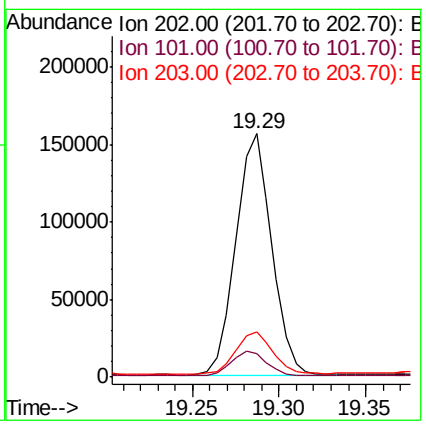


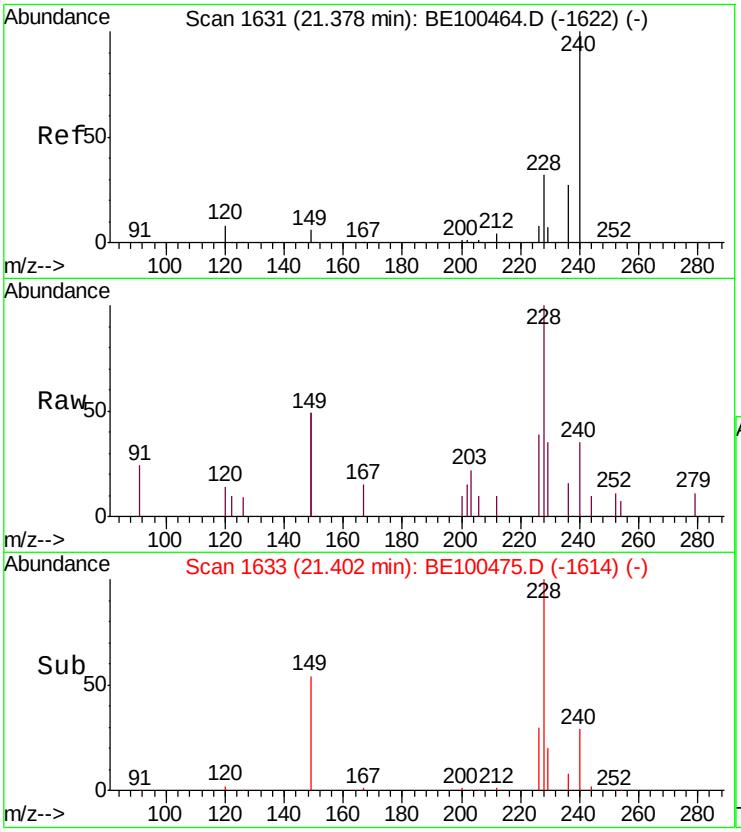


#26
Fluoranthene
Concen: 3.086 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:202 Resp: 224006

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
203	17.5	13.6	20.4



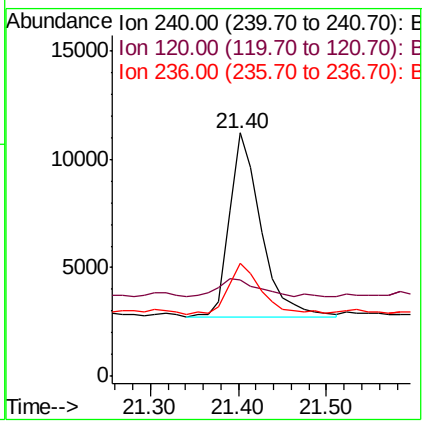


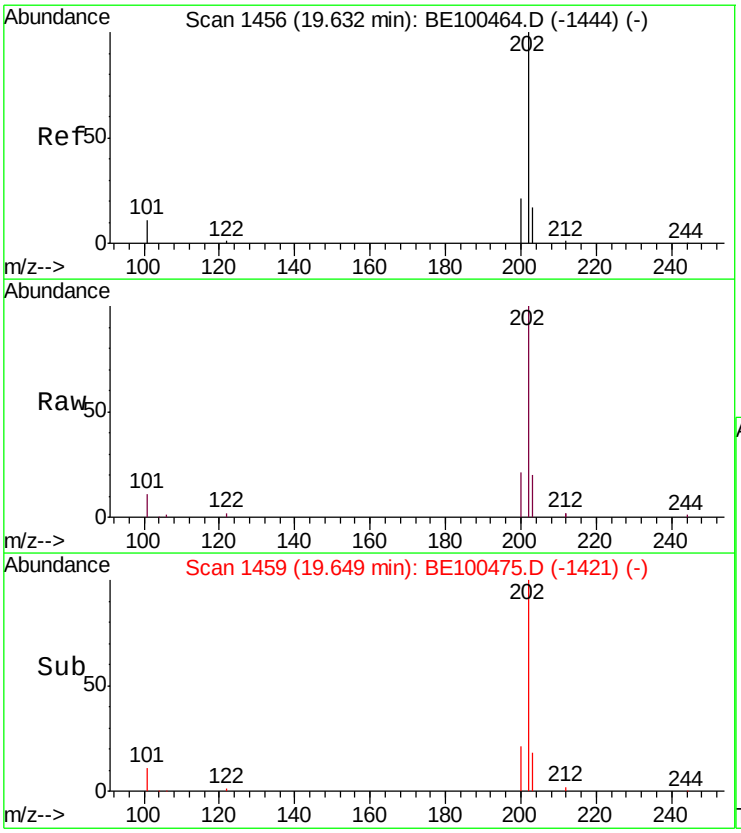
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:240 Resp: 21008

Ion	Ratio	Lower	Upper
240	100		
120	39.6	7.1	10.7#
236	46.5	21.7	32.5#

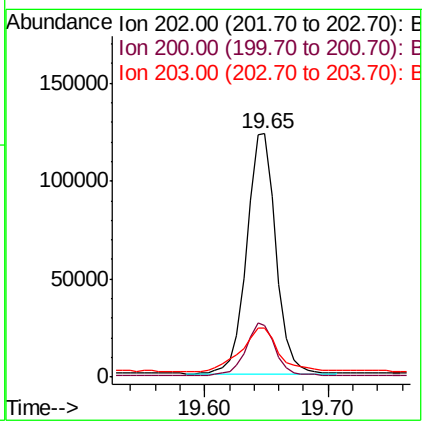


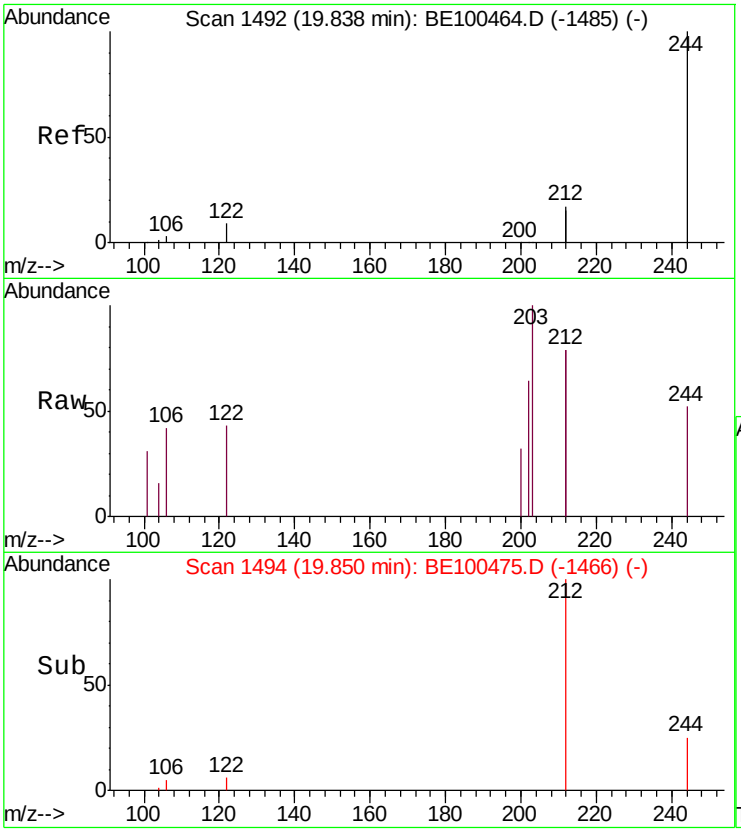


#28
Pyrene
Concen: 3.251 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:202 Resp: 200810

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	23.7	13.8	20.8#



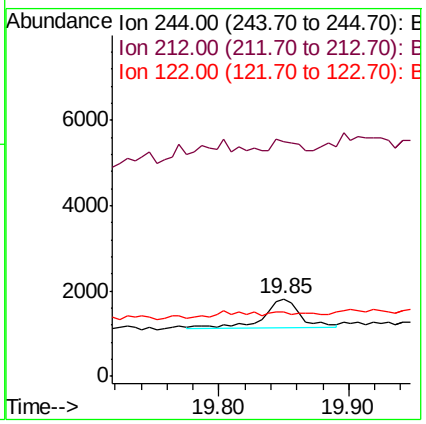


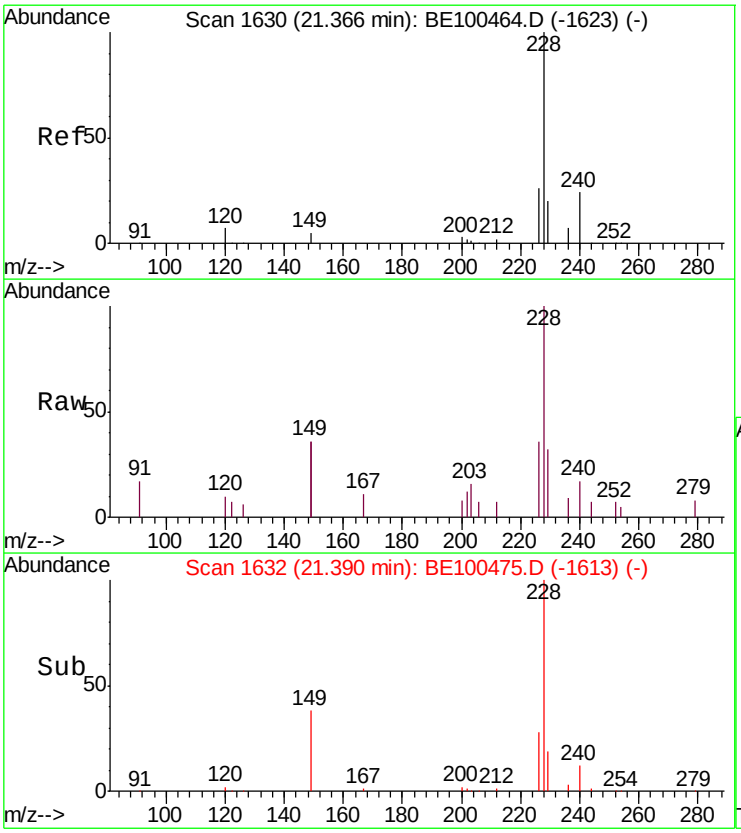
#29
Terphenyl-d14
Concen: 0.028 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:244 Resp: 1378

Ion	Ratio	Lower	Upper
244	100		
212	302.3	26.6	40.0#
122	83.0	7.6	11.4#

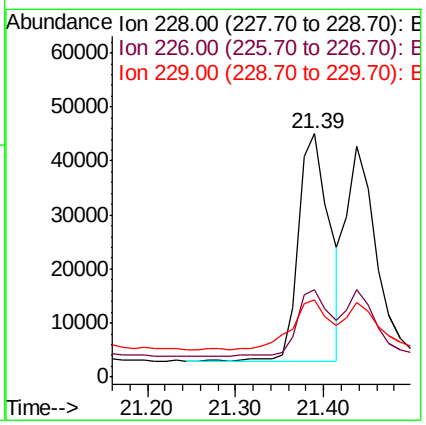


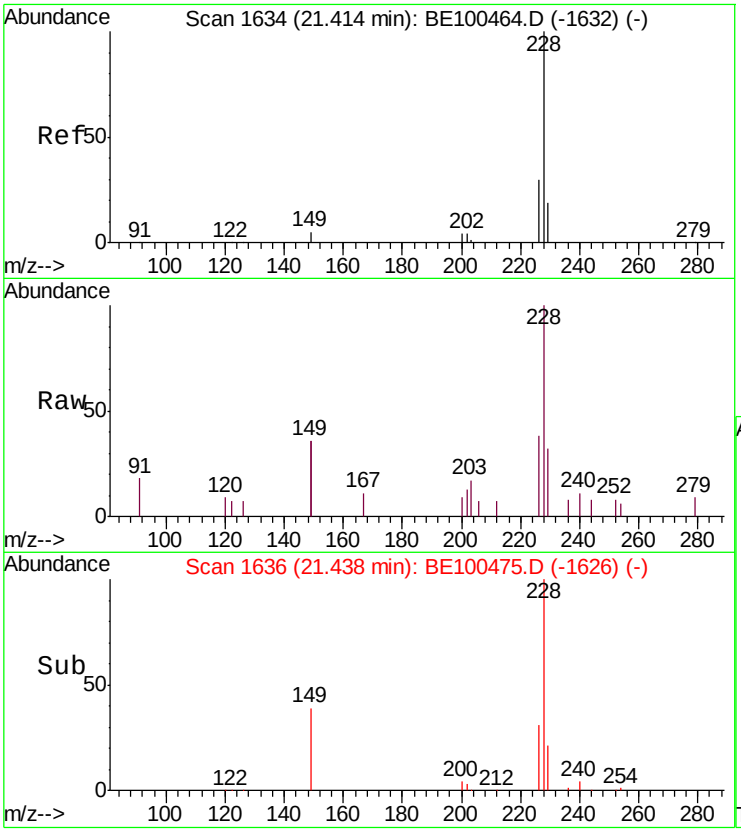


#30
Benzo(a)anthracene
Concen: 1.621 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:228 Resp: 103851

Ion	Ratio	Lower	Upper
228	100		
226	36.0	21.3	31.9#
229	31.5	16.6	25.0#



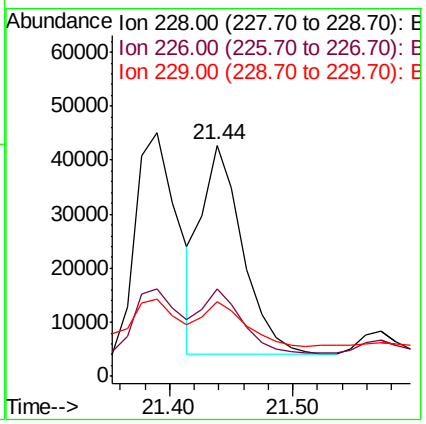


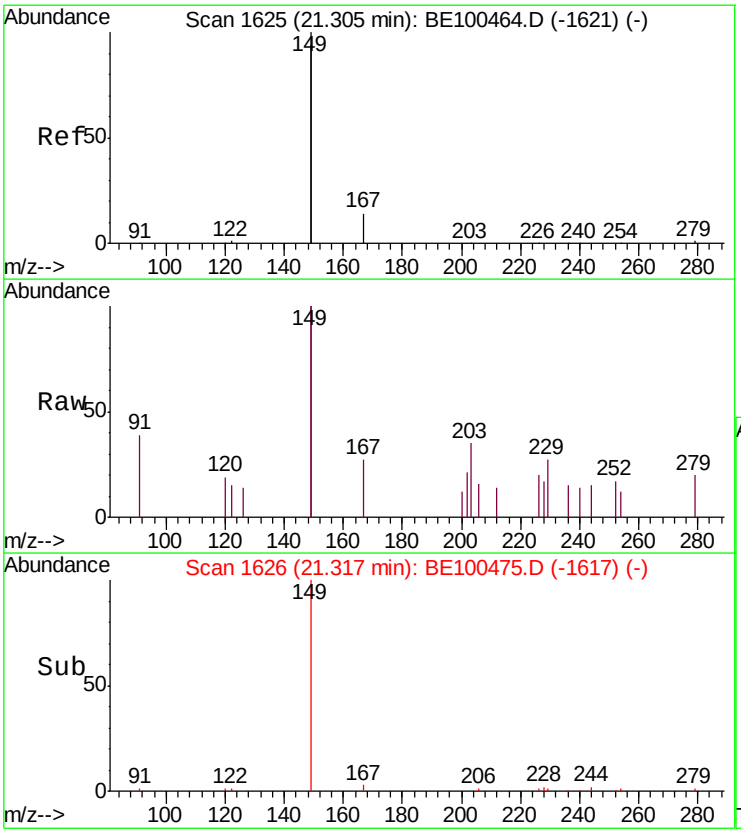
#31
Chrysene
Concen: 1.394 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.02 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:228 Resp: 89076

Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.5	36.7#
229	32.3	16.0	24.0#

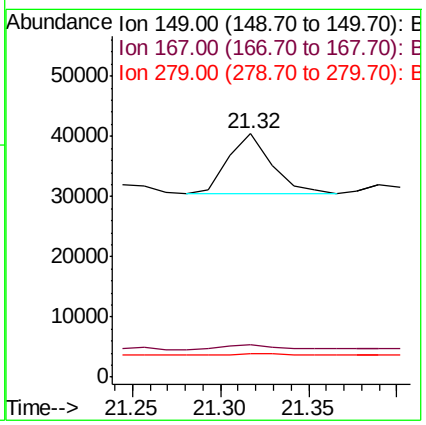


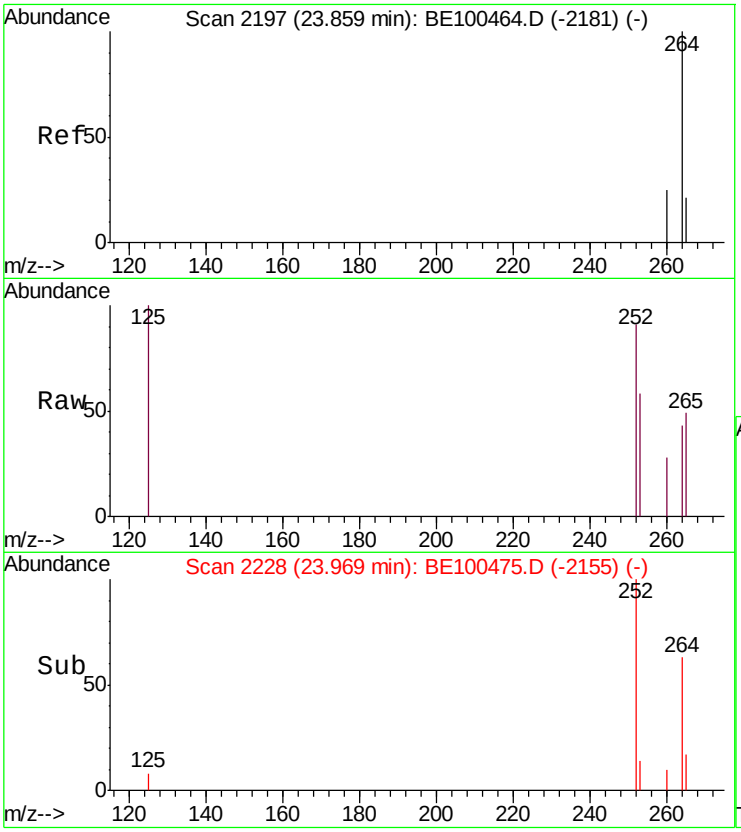


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:149 Resp: 17577

Ion	Ratio	Lower	Upper
149	100		
167	9.2	5.8	8.6#
279	3.0	0.8	1.2#



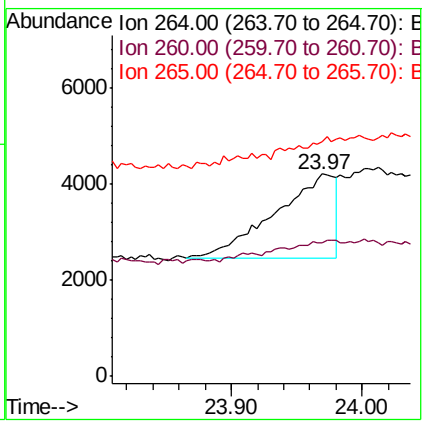


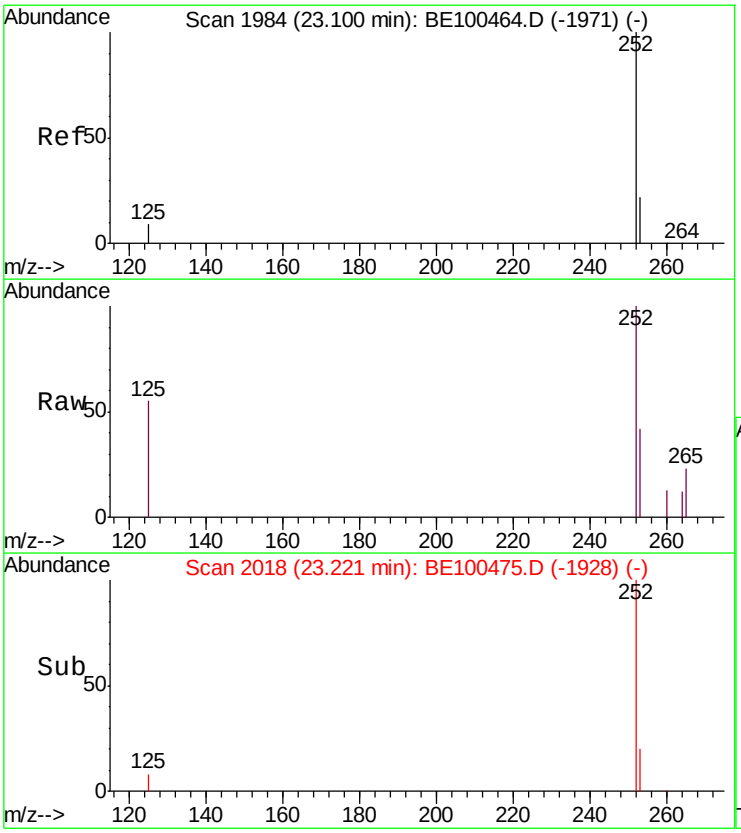
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. 0.11 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:264 Resp: 5581

Ion	Ratio	Lower	Upper
264	100		
260	66.0	20.7	31.1#
265	115.7	23.4	35.0#

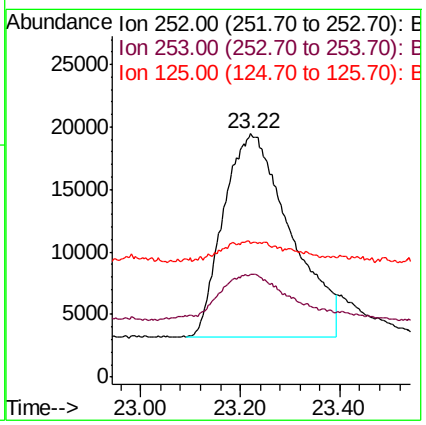


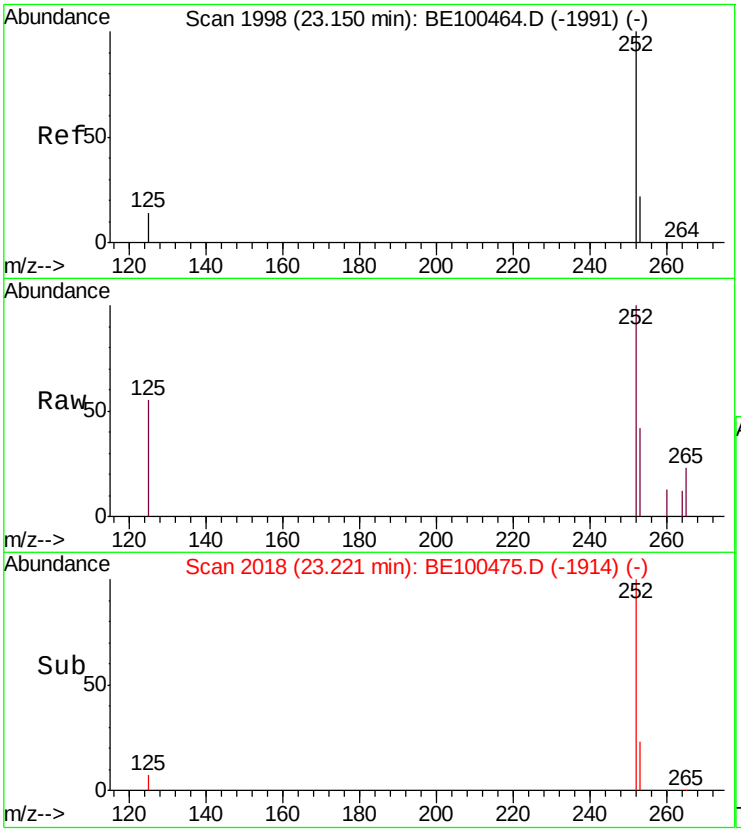


#35
Benzo(b)fluoranthene
Concen: 9.815 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.12 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:252 Resp: 151367

Ion	Ratio	Lower	Upper
252	100		
253	42.2	18.5	27.7#
125	55.0	9.0	13.4#



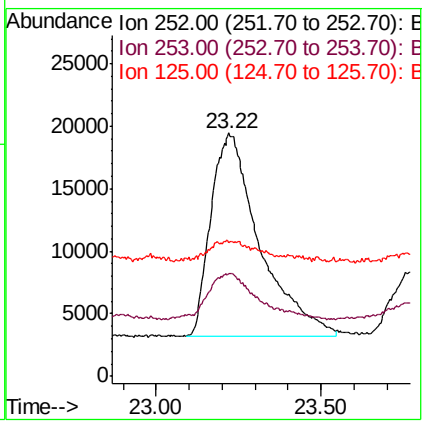


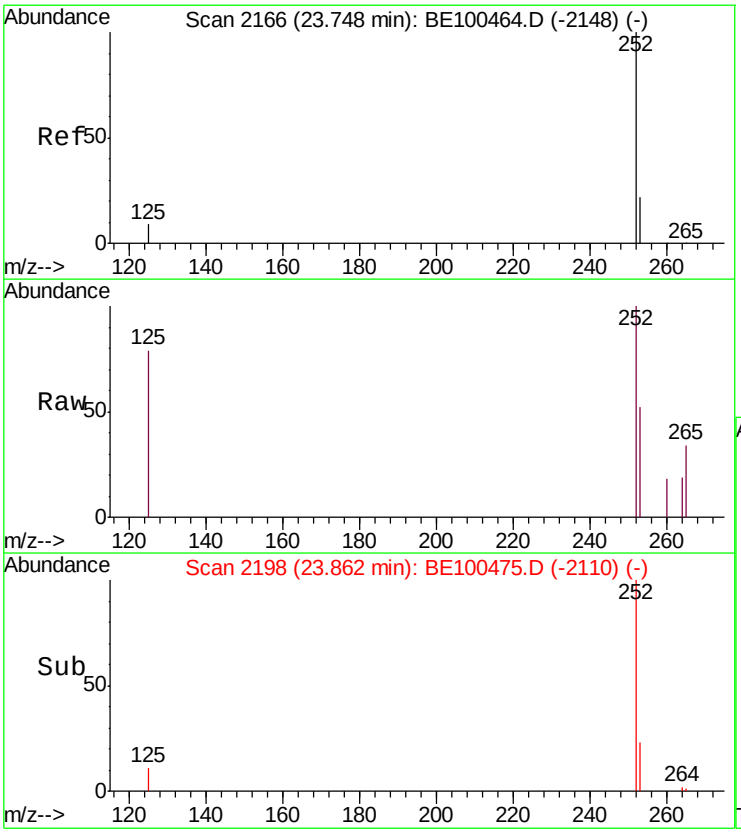
#36
Benzo(k)fluoranthene
Concen: 10.163 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.07 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1DL

Tgt Ion:252 Resp: 166533

Ion	Ratio	Lower	Upper
252	100		
253	42.2	19.0	28.4#
125	55.0	11.8	17.8#





#37
Benzo(a)pyrene
Concen: 8.144 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.11 min
Lab File: BE100475.D
Acq: 19 Jul 2019 18:28

Tgt Ion:252 Resp: 121126

Ion	Ratio	Lower	Upper
252	100		
253	52.4	19.1	28.7#
125	79.1	10.0	15.0#