Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099581.D
Acq On : 9 May 2019 8:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 09 11:56:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 11:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1686	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6135	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4111	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11615	0.40	ng		0.00
27) Chrysene-d12	21.43	240	16107	0.40	ng		0.00
34) Perylene-d12	23.97	264	19156	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1993	0.43	ng		0.00
5) Phenol-d6	6.98	99	2675	0.43	ng		0.00
8) Nitrobenzene-d5	8.98	82	2327	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4528	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1017	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6592	0.42	ng		0.00
25) Fluoranthene-d10	19.27	212	67193	0.43	ng		0.00
29) Terphenyl-d14	19.87	244	13267	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	873	0.367	ng		90
3) n-Nitrosodimethylamine	3.64	42	609	0.386	ng	#	89
6) bis(2-Chloroethyl)ether	7.24	93	2016	0.393	ng		96
9) Naphthalene	10.68	128	35976	0.554	ng		100
10) Hexachlorobutadiene	10.95	225	1942	0.411	ng		99
12) 2-Methylnaphthalene	12.31	142	5851	0.531	ng		91
16) Acenaphthylene	14.21	152	8926	0.450	ng		98
17) Acenaphthene	14.56	154	4638	0.418	ng		98
18) Fluorene	15.53	166	6796	0.429	ng		98
20) 4-Bromophenyl-phenylether	16.43	248	2764	0.419	ng		97
21) Hexachlorobenzene	16.55	284	2775	0.423	ng		99
22) Pentachlorophenol	16.89	266	983	0.364	ng		96
23) Phenanthrene	17.28	178	17172	0.600	ng		99
24) Anthracene	17.38	178	12248	0.445	ng		99
26) Fluoranthene	19.30	202	20616	0.468	ng		100
28) Pyrene	19.67	202	22766	0.528	ng		99
30) Benzo(a)anthracene	21.40	228	23938	0.480	ng		99
31) Chrysene	21.46	228	23580	0.479	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	33742	0.427	ng		100
33) Indeno(1,2,3-cd)pyrene	26.67	276	27452	0.469	ng		99
35) Benzo(b)fluoranthene	23.23	252	21973	0.416	ng		99
36) Benzo(k)fluoranthene	23.23	252	21973	0.423	ng		99
37) Benzo(a)pyrene	23.85	252	22385	0.439	ng	#	98
38) Dibenzo(a,h)anthracene	26.70	278	22591	0.429	ng		99
39) Benzo(g,h,i)perylene	27.51	276	22795	0.432	ng		99

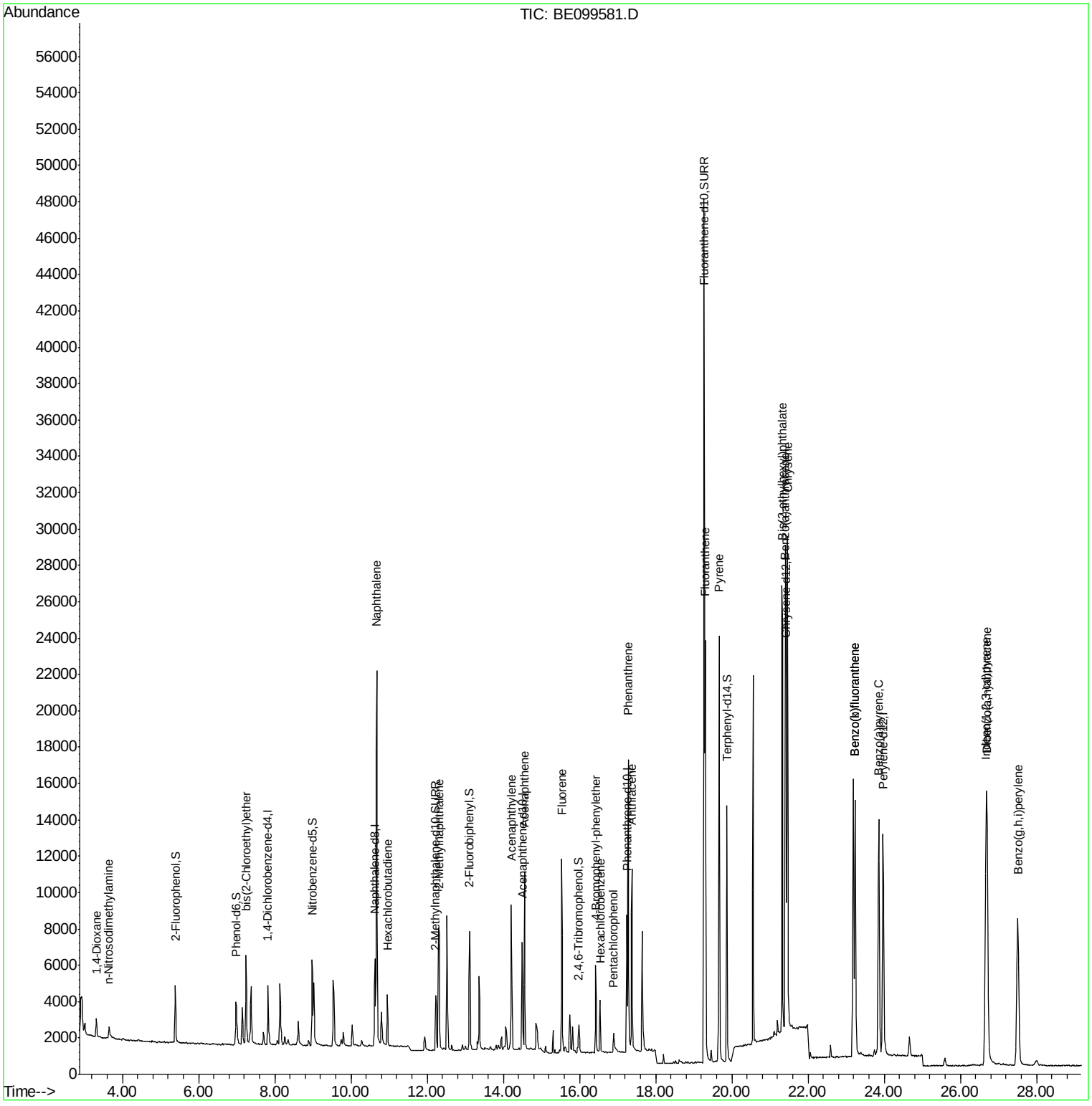
(#) = qualifier out of range (m) = manual integration (+) = signals summed

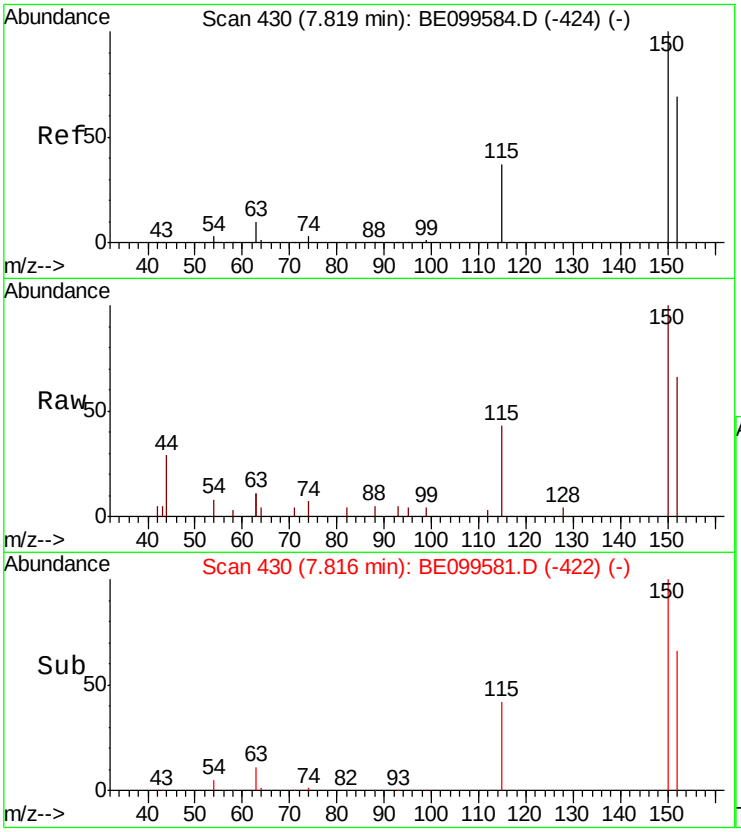
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099581.D
Acq On : 9 May 2019 8:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 09 11:56:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 11:50:46 2019
Response via : Initial Calibration



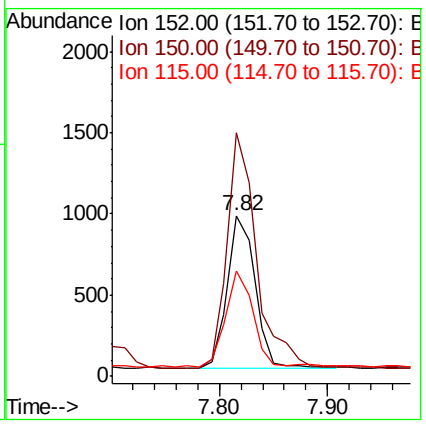


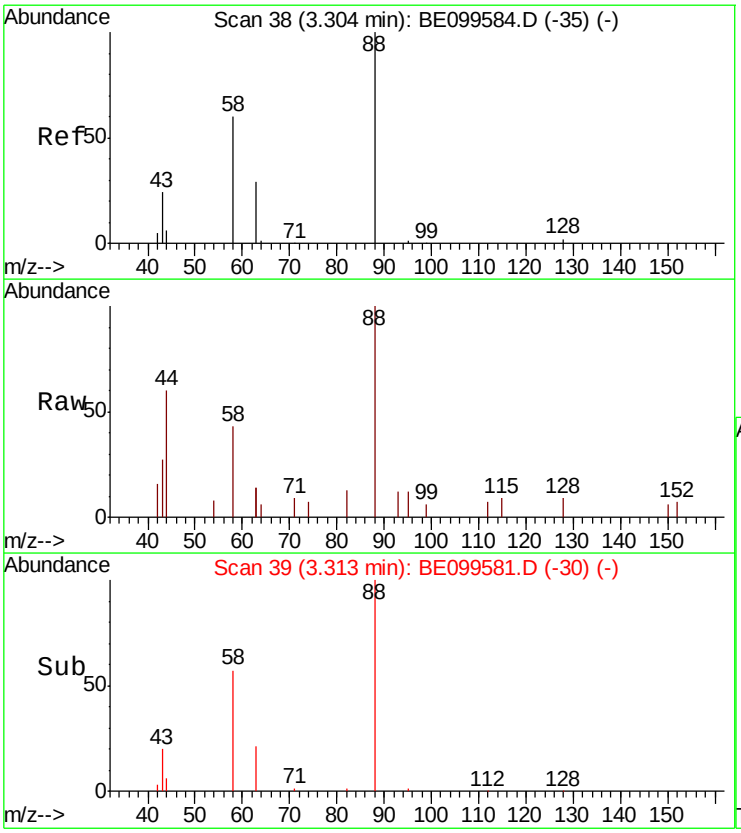
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1686

Ion	Ratio	Lower	Upper
152	100		
150	151.6	114.2	171.4
115	65.3	45.4	68.0

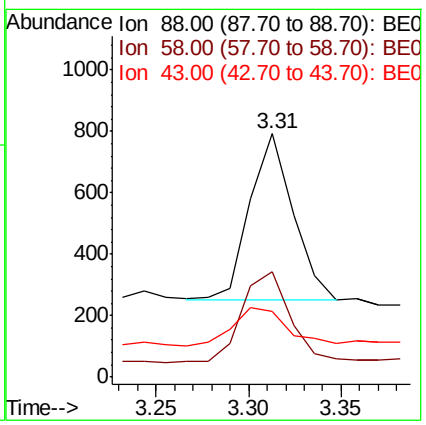


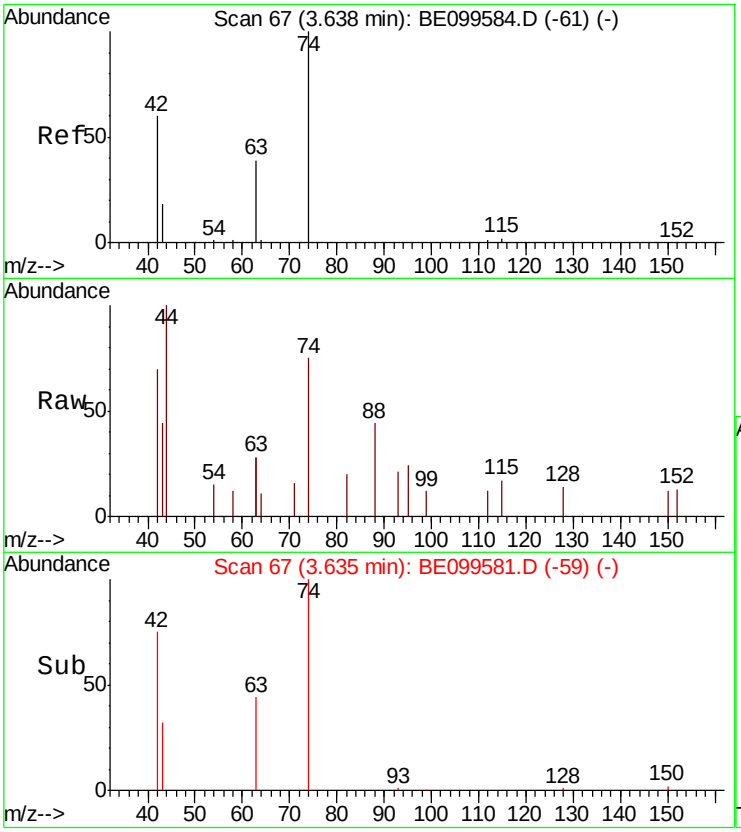


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion: 88 Resp: 873

Ion	Ratio	Lower	Upper
88	100		
58	61.1	41.3	61.9
43	28.3	21.0	31.6



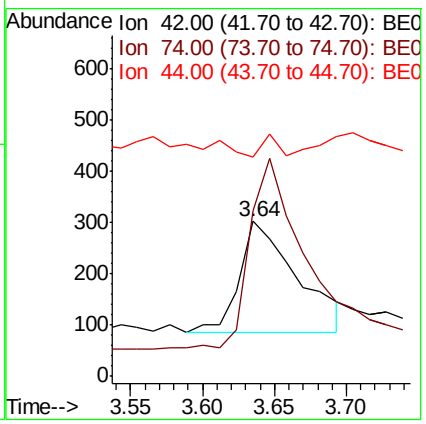


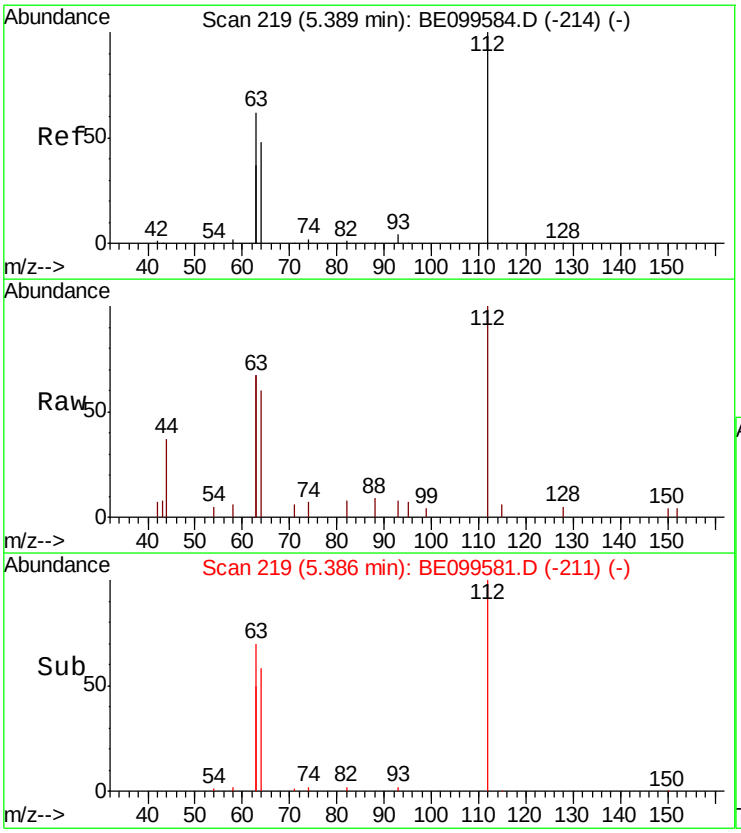
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 609

Ion	Ratio	Lower	Upper
42	100		
74	155.5	136.9	205.3
44	5.1	7.1	10.7#

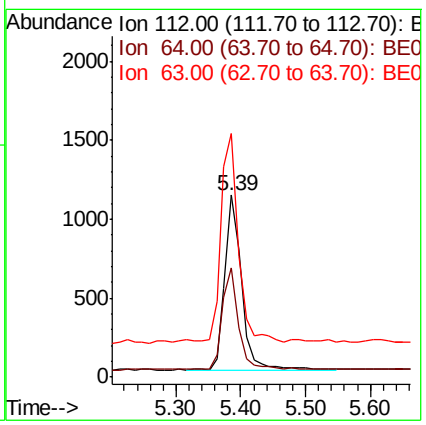


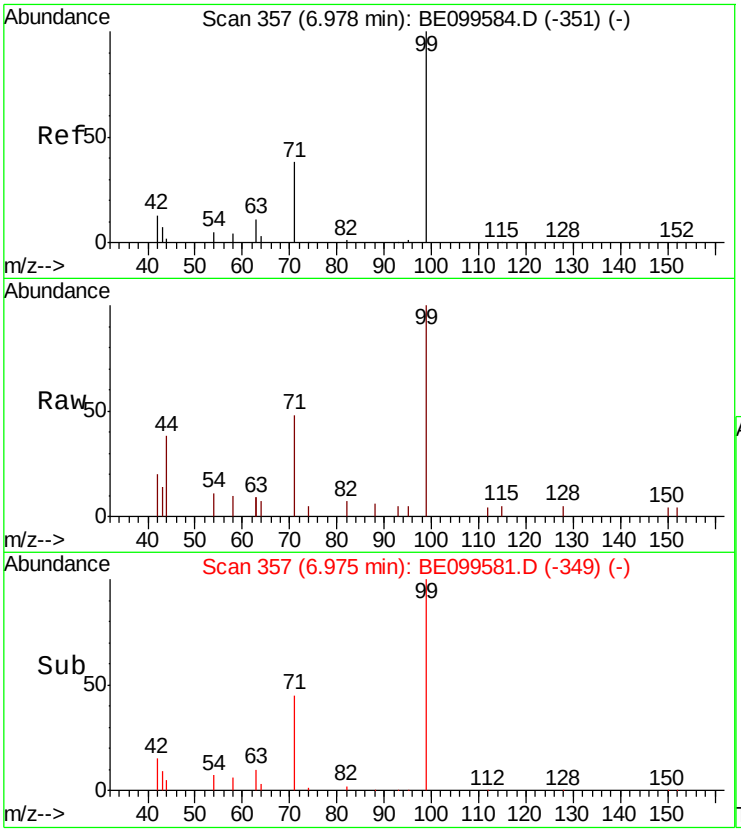


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:112 Resp: 1993

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.4
63	122.0	100.2	150.4



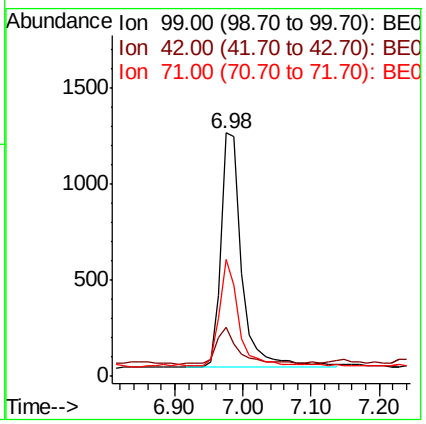


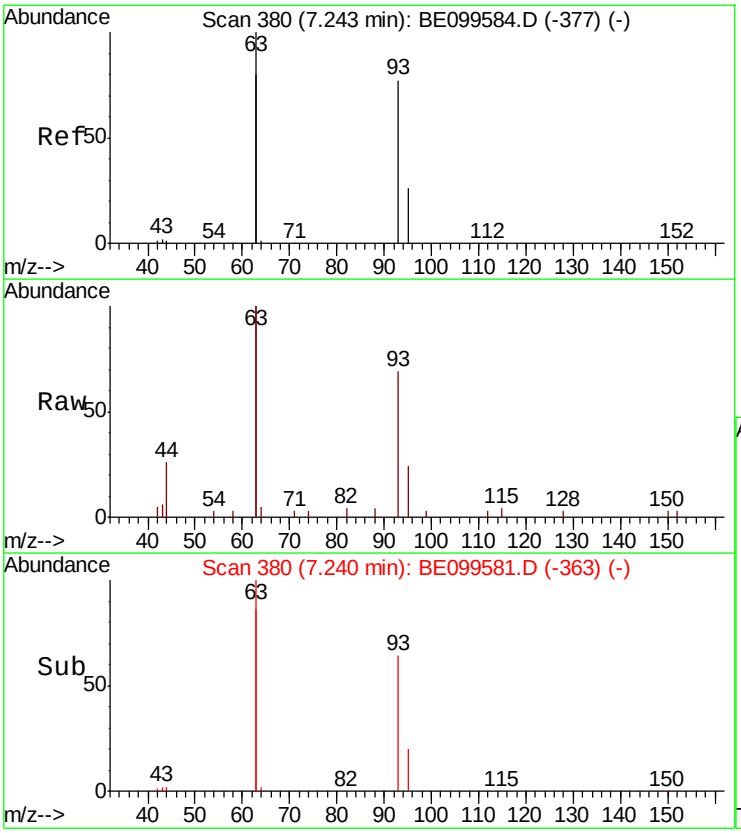
#5
Phenol-d6
Concen: 0.435 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2675

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.8	20.8
71	42.1	32.2	48.4

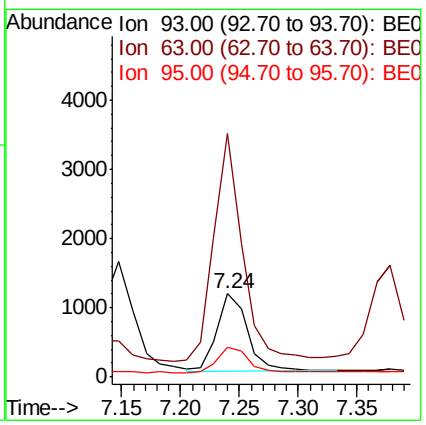


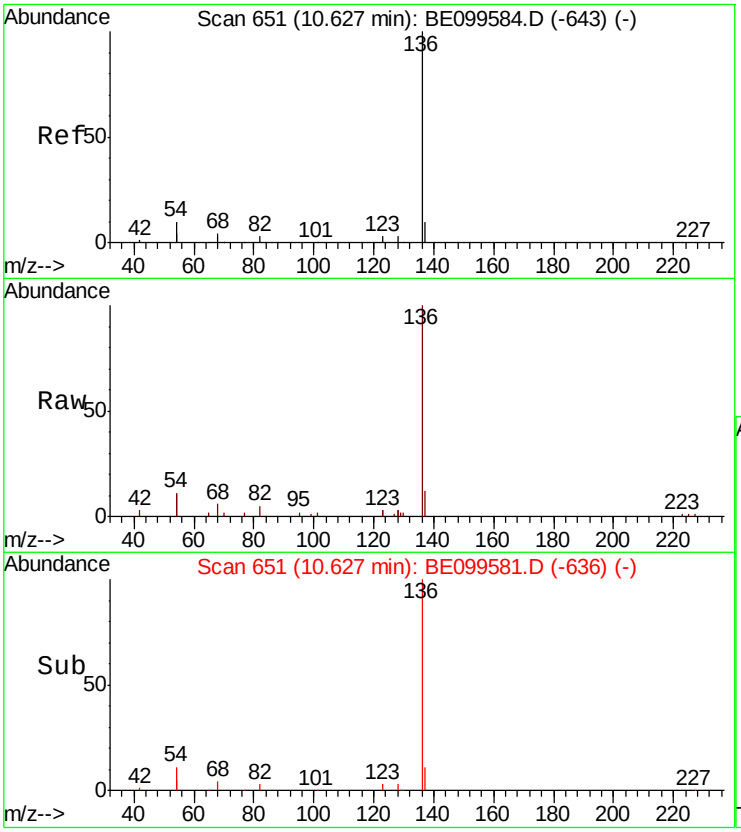


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion: 93 Resp: 2016

Ion	Ratio	Lower	Upper
93	100		
63	274.1	213.4	320.0
95	33.6	24.9	37.3



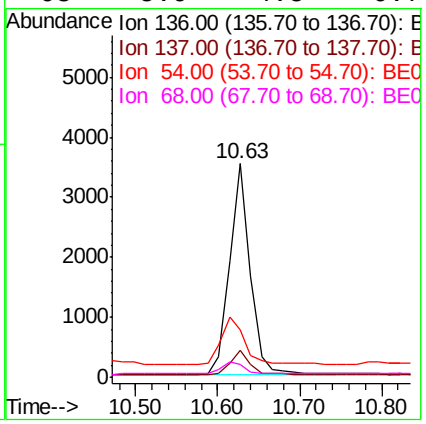


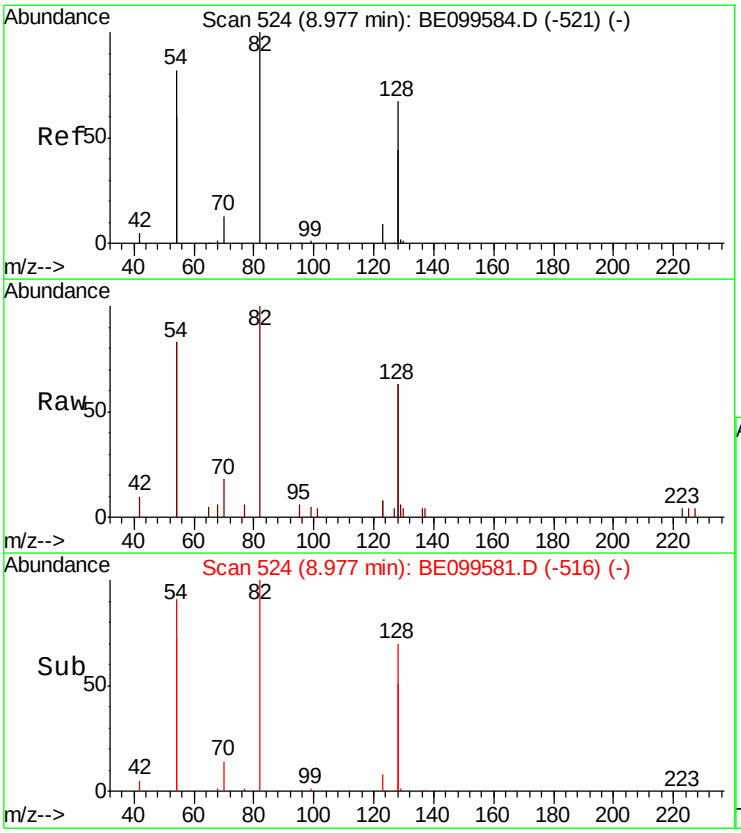
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6135

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	22.1	16.5	24.7
68	5.9	4.5	6.7

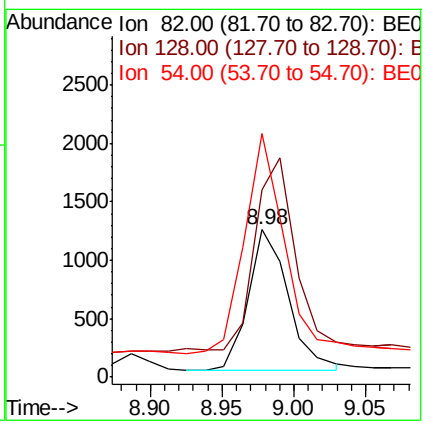


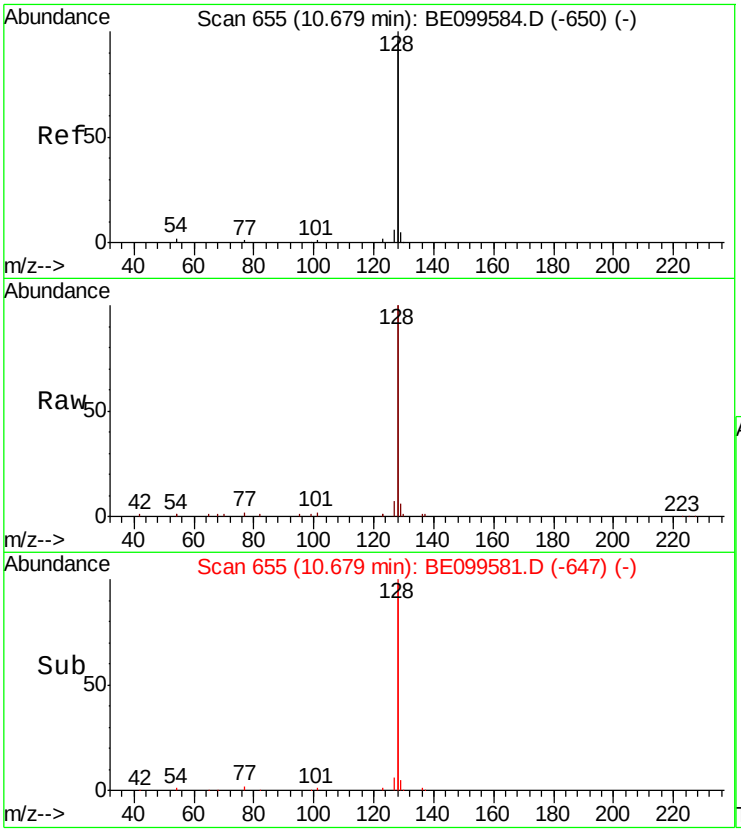


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion: 82 Resp: 2327

Ion	Ratio	Lower	Upper
82	100		
128	126.9	101.5	152.3
54	165.5	123.8	185.6



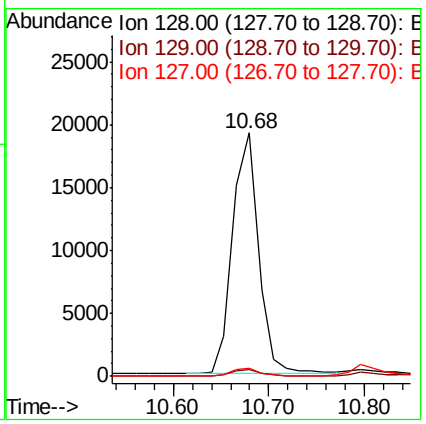


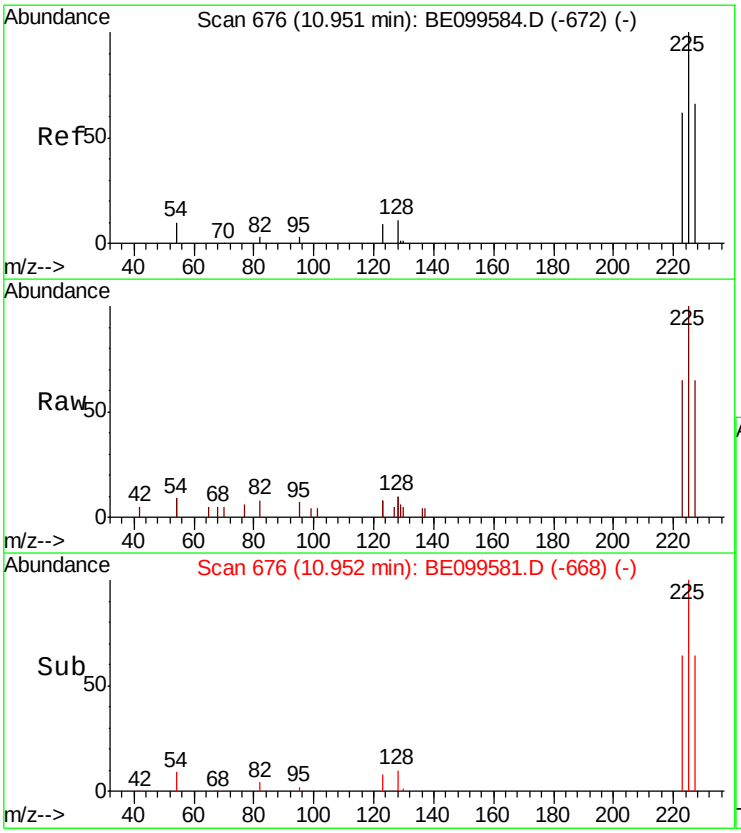
#9
Naphthalene
Concen: 0.554 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 35976

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.3	2.8	4.2

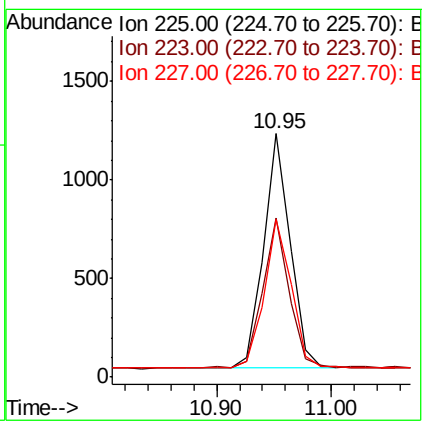


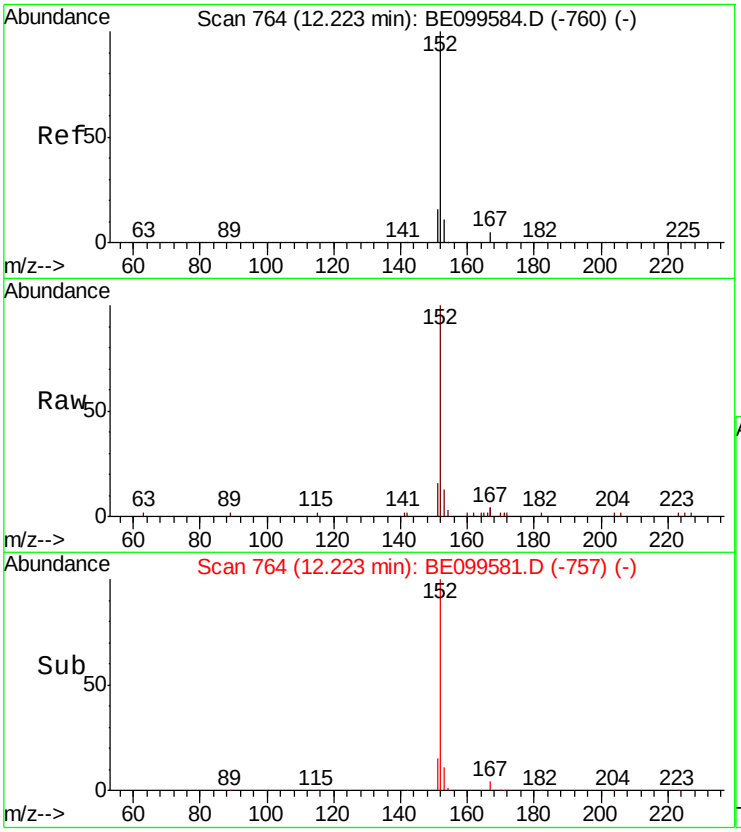


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:225 Resp: 1942

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	63.7	50.1	75.1



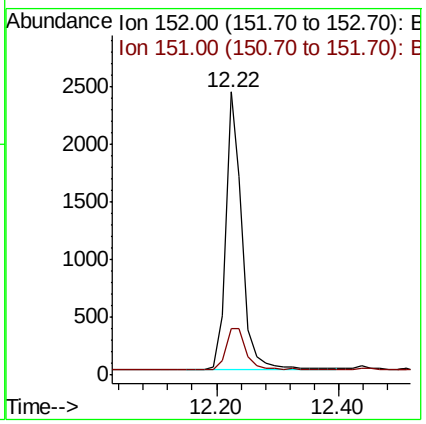


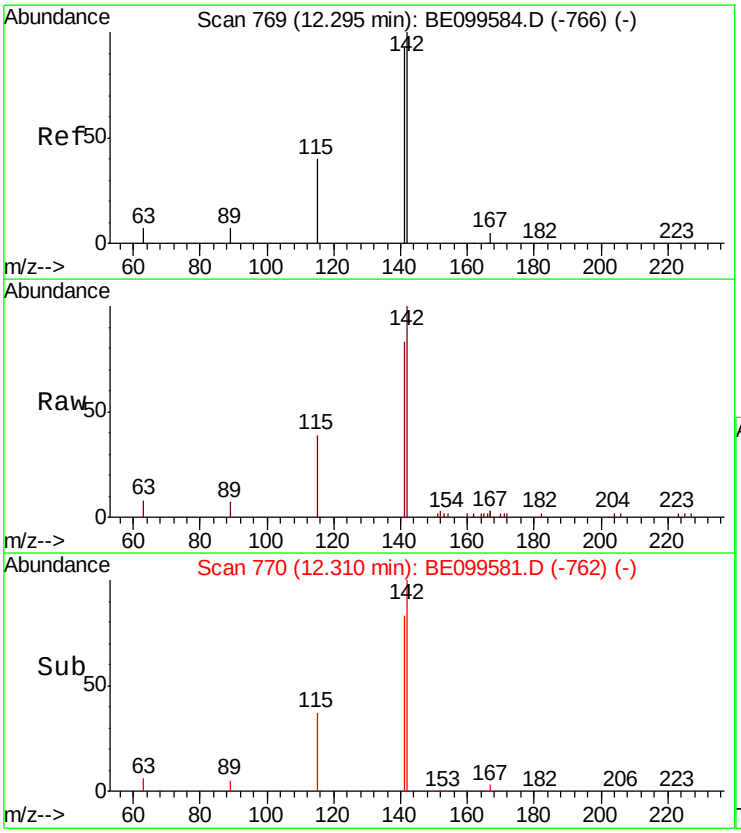
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4528

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.2	24.2

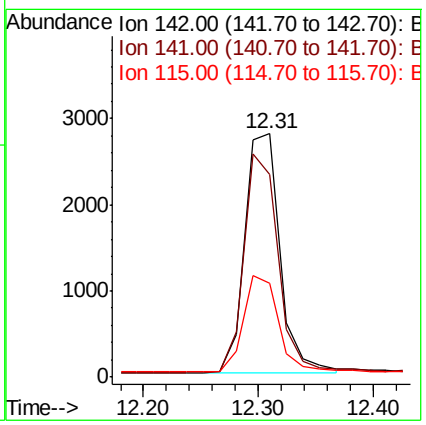


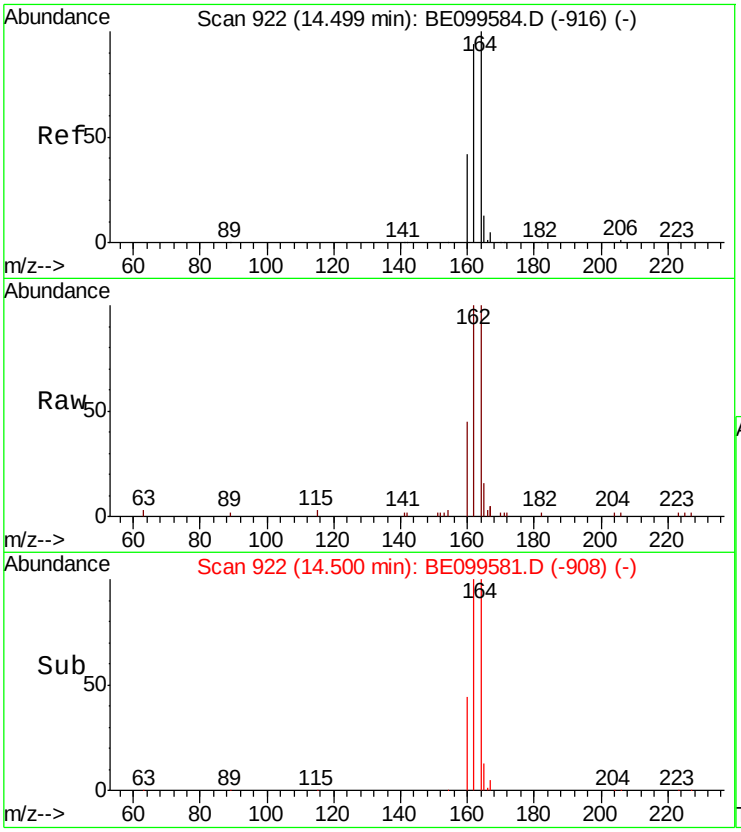


#12
2-Methylnaphthalene
Concen: 0.531 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:142 Resp: 5851

Ion	Ratio	Lower	Upper
142	100		
141	83.3	75.0	112.4
115	38.6	33.7	50.5



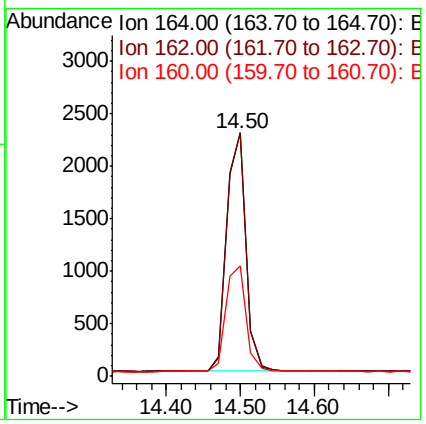


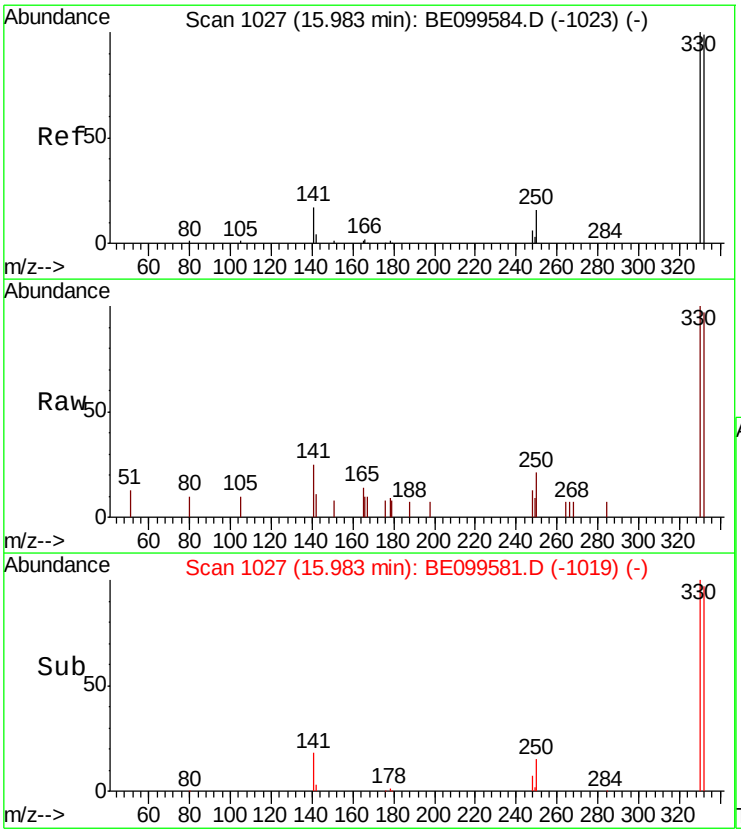
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4111

Ion	Ratio	Lower	Upper
164	100		
162	99.8	75.3	112.9
160	45.2	34.7	52.1

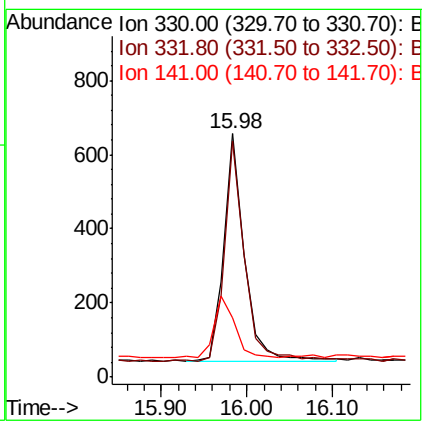


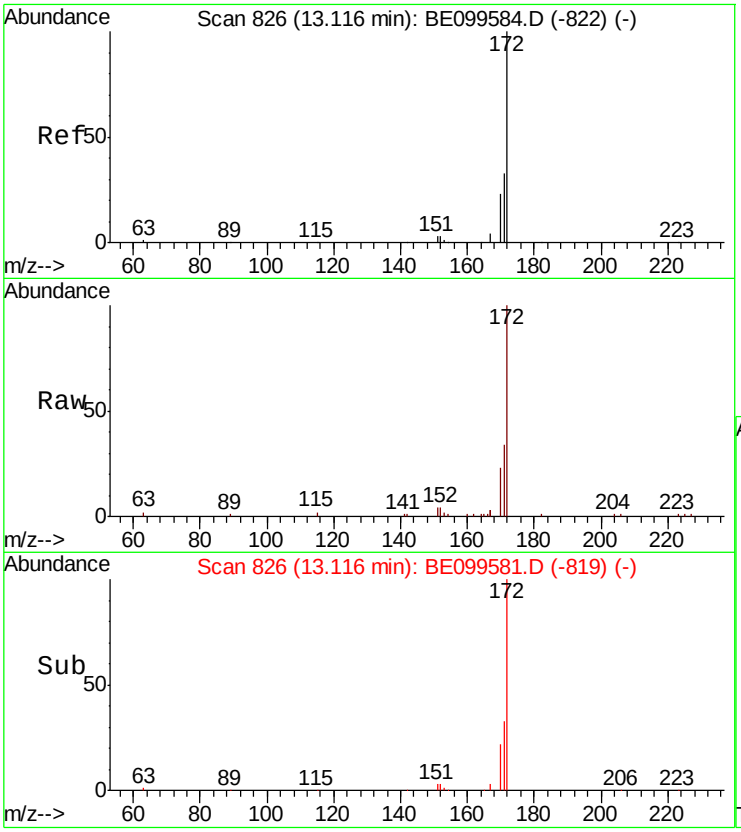


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:330 Resp: 1017

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.7	118.1
141	27.0	22.3	33.5



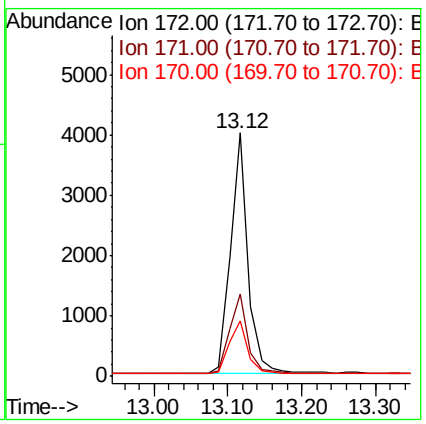


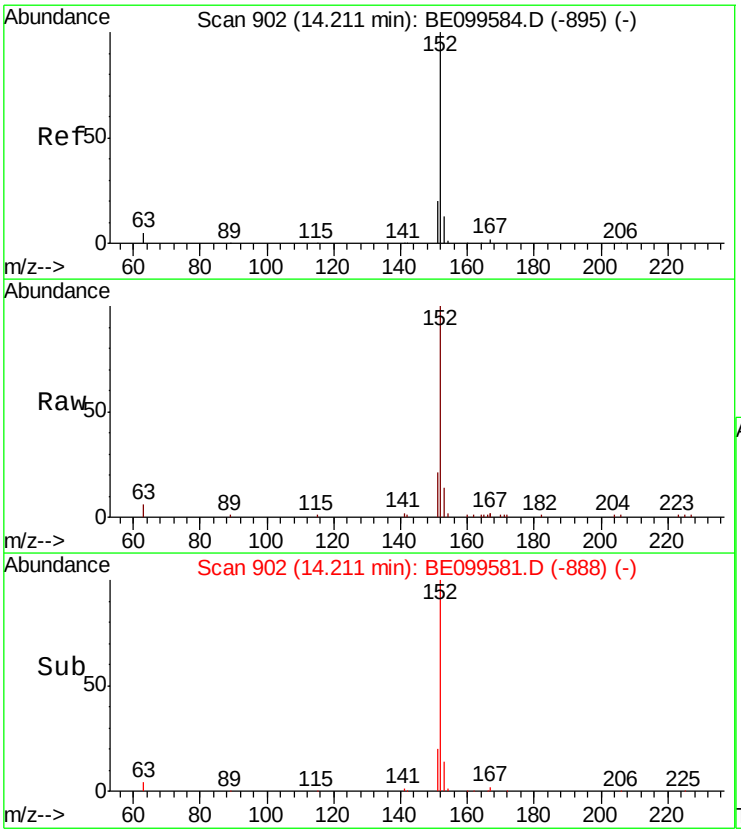
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6592

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.6	19.1	28.7

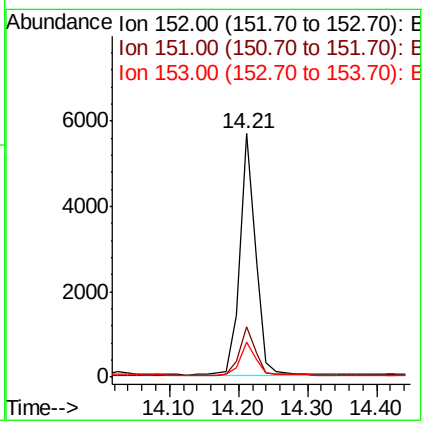


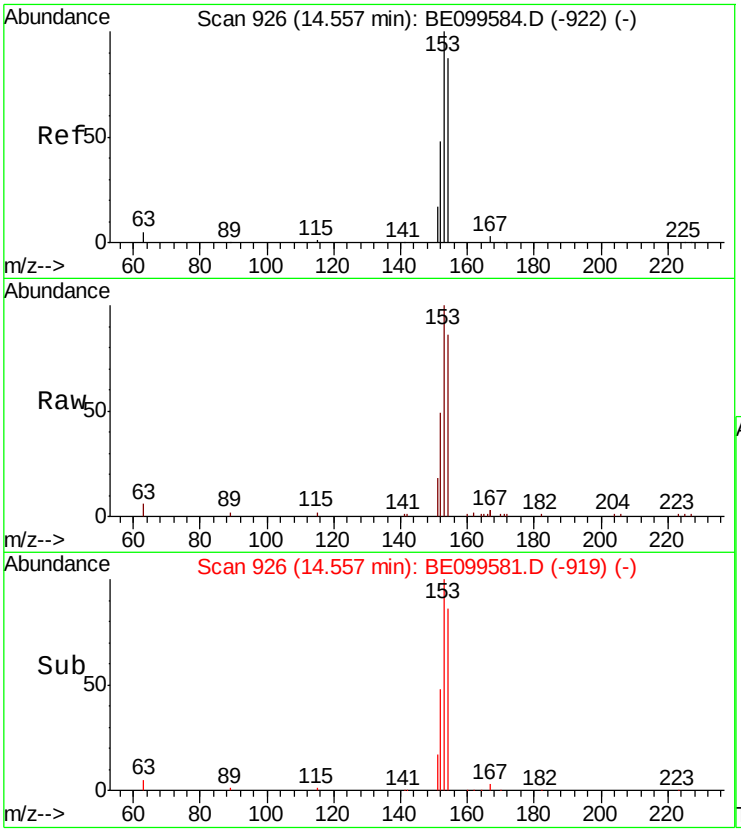


#16
Acenaphthylene
Concen: 0.450 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:152 Resp: 8926

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.7	10.2	15.4



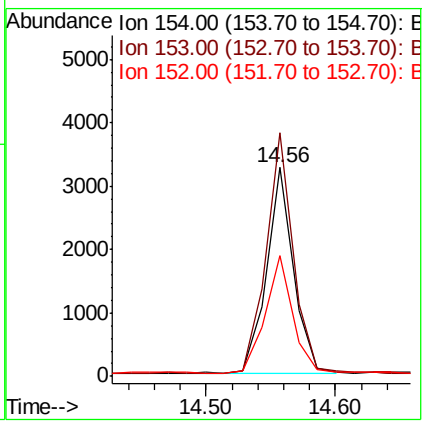


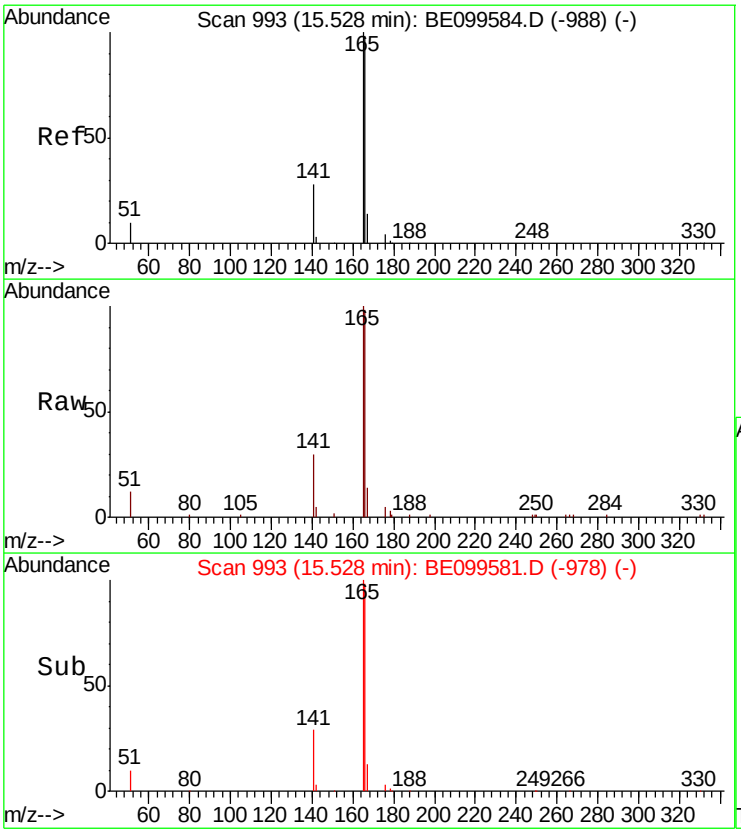
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4638

Ion	Ratio	Lower	Upper
154	100		
153	118.8	92.9	139.3
152	58.6	46.3	69.5

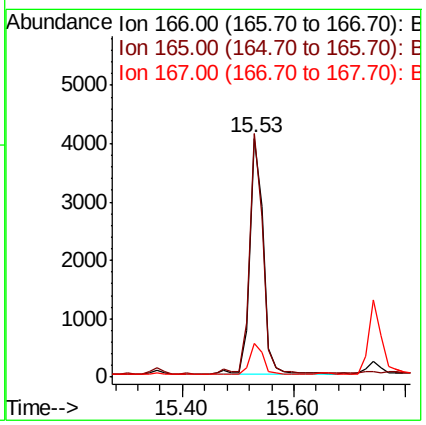


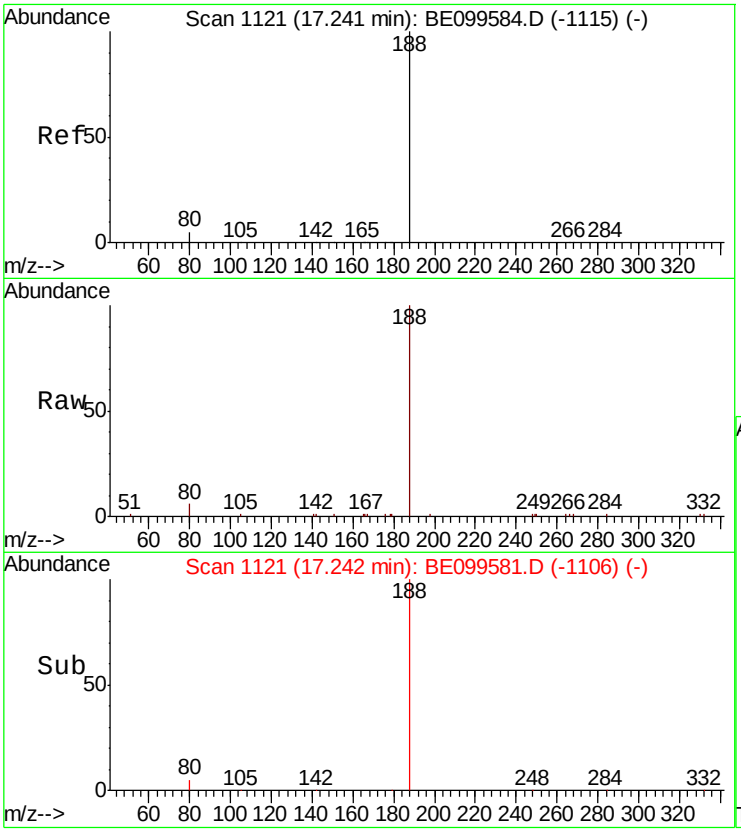


#18
Fluorene
Concen: 0.429 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:166 Resp: 6796

Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.5	120.7
167	12.8	11.6	17.4



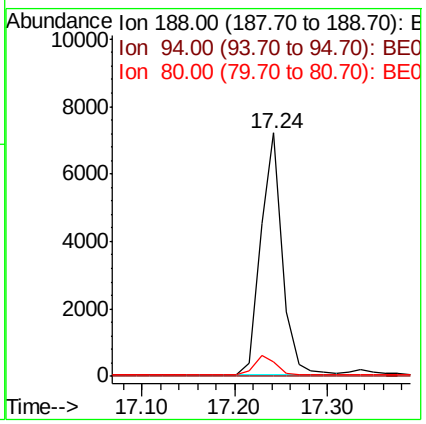


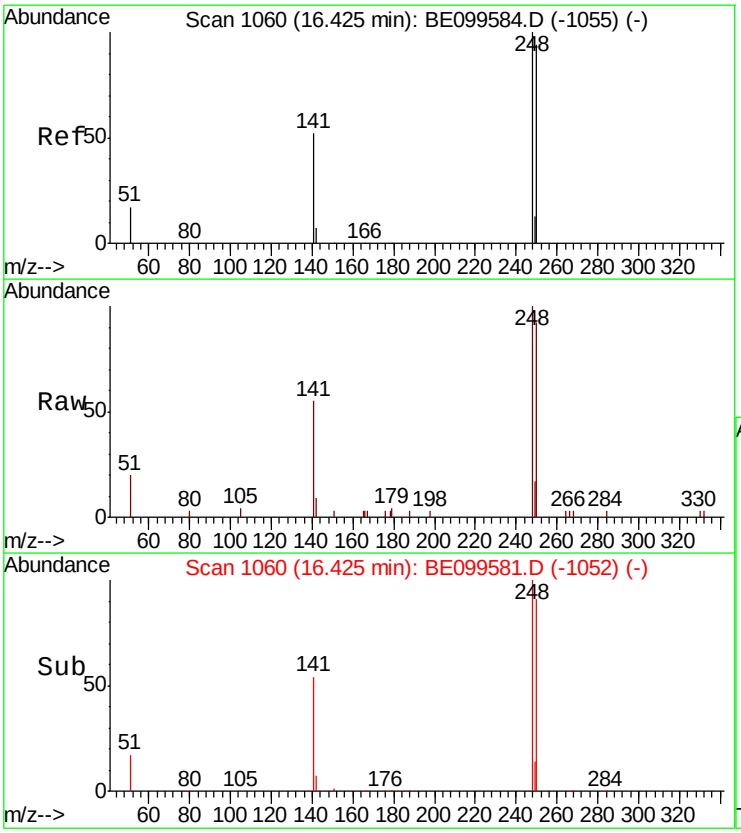
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11615

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	4.4	6.6

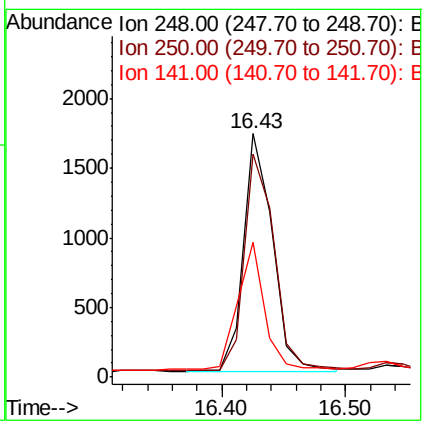


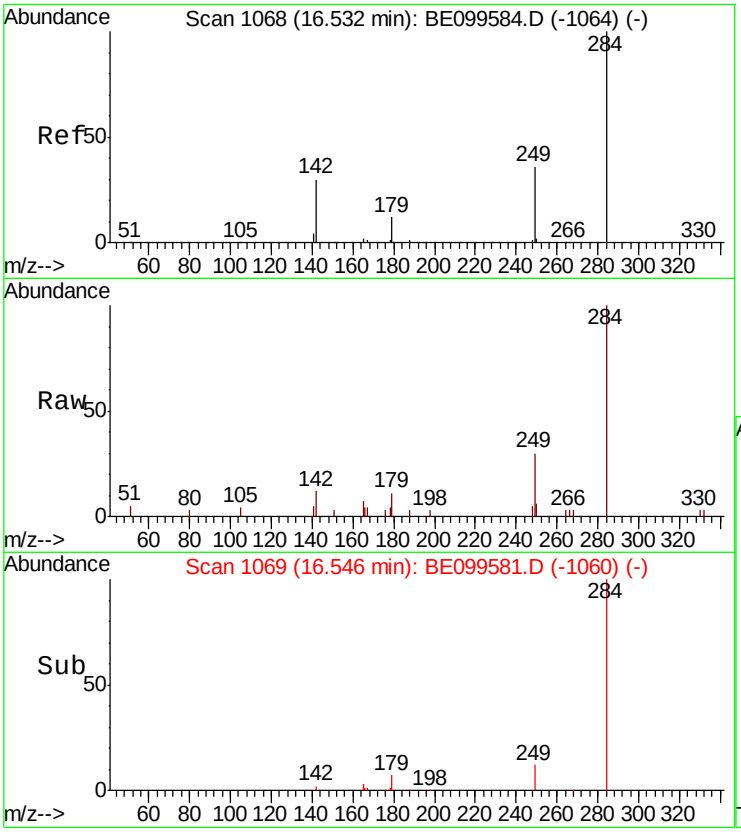


#20
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:248 Resp: 2764

Ion	Ratio	Lower	Upper
248	100		
250	91.6	75.7	113.5
141	55.3	42.9	64.3



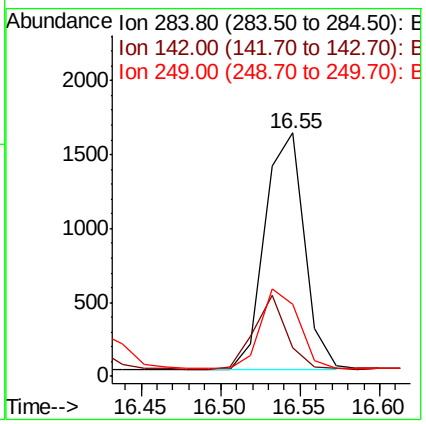


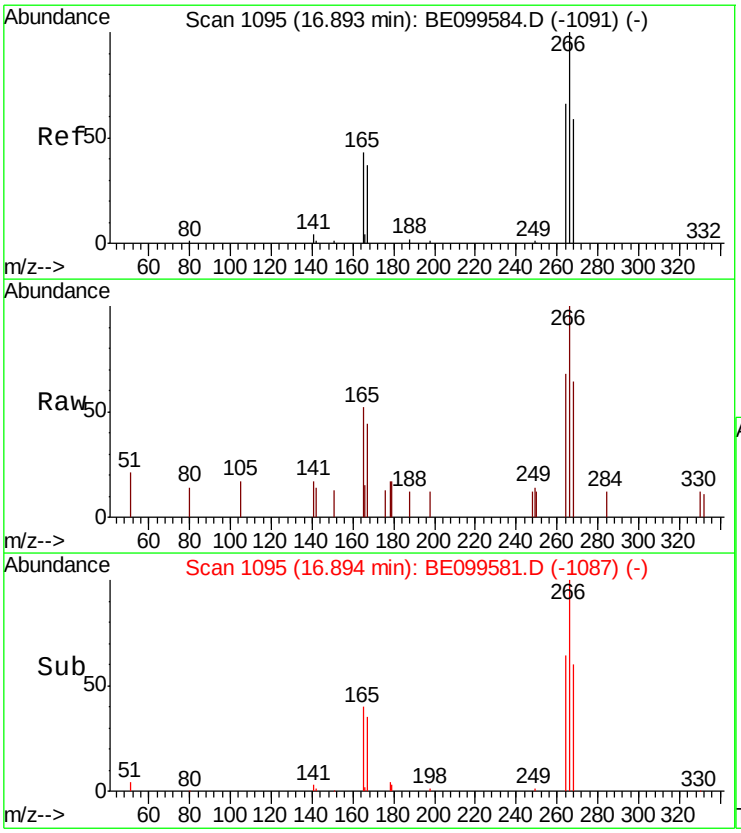
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2775

Ion	Ratio	Lower	Upper
284	100		
142	26.0	20.6	30.8
249	32.8	25.8	38.6

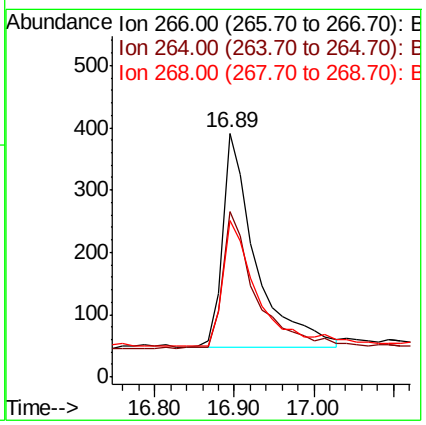


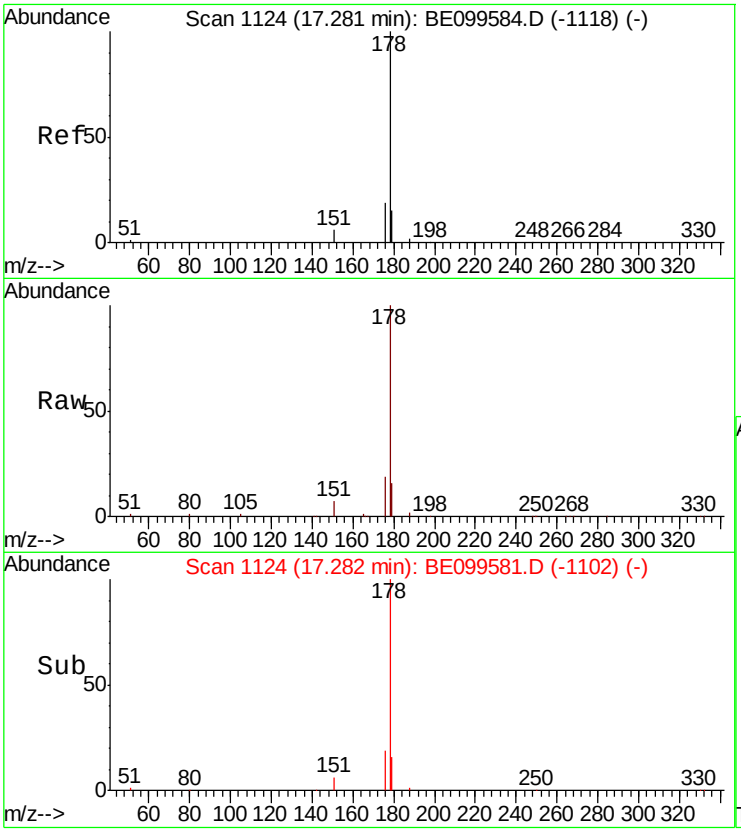


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:266 Resp: 983

Ion	Ratio	Lower	Upper
266	100		
264	67.8	57.3	85.9
268	64.5	53.5	80.3



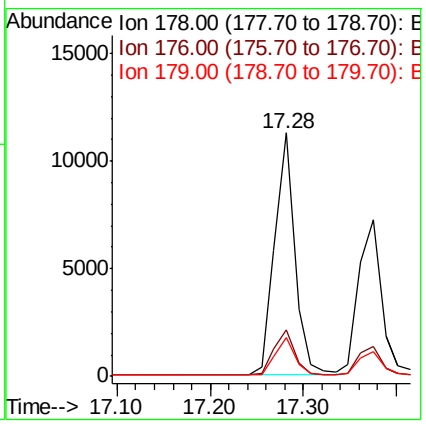


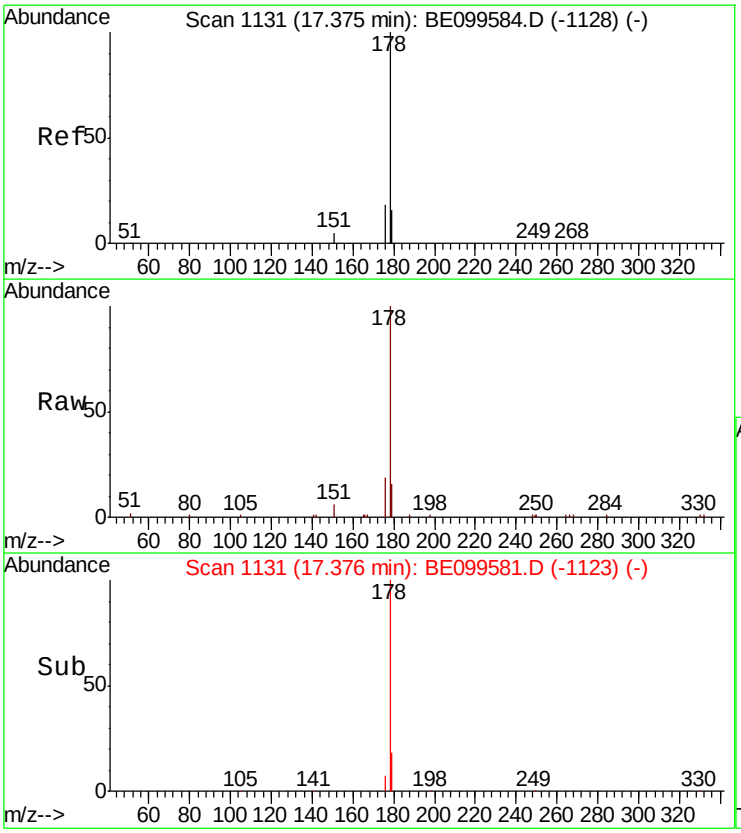
#23
Phenanthrene
Concen: 0.600 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17172

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.5	12.2	18.2

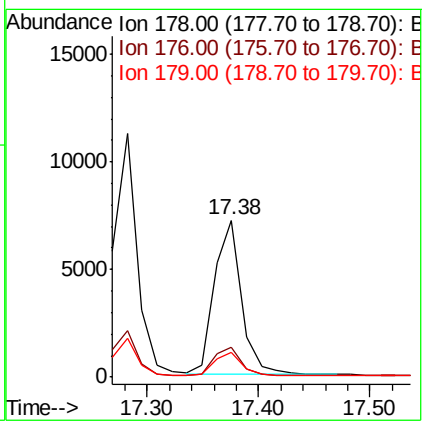


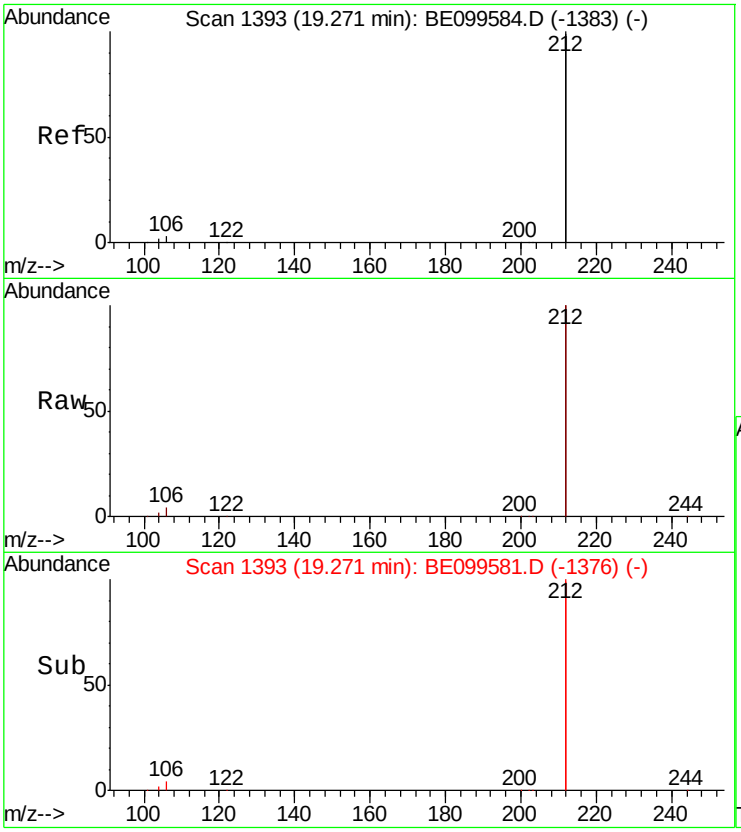


#24
Anthracene
Concen: 0.445 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:178 Resp: 12248

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.0	12.3	18.5



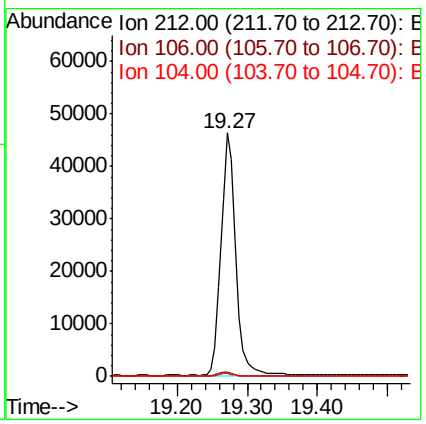


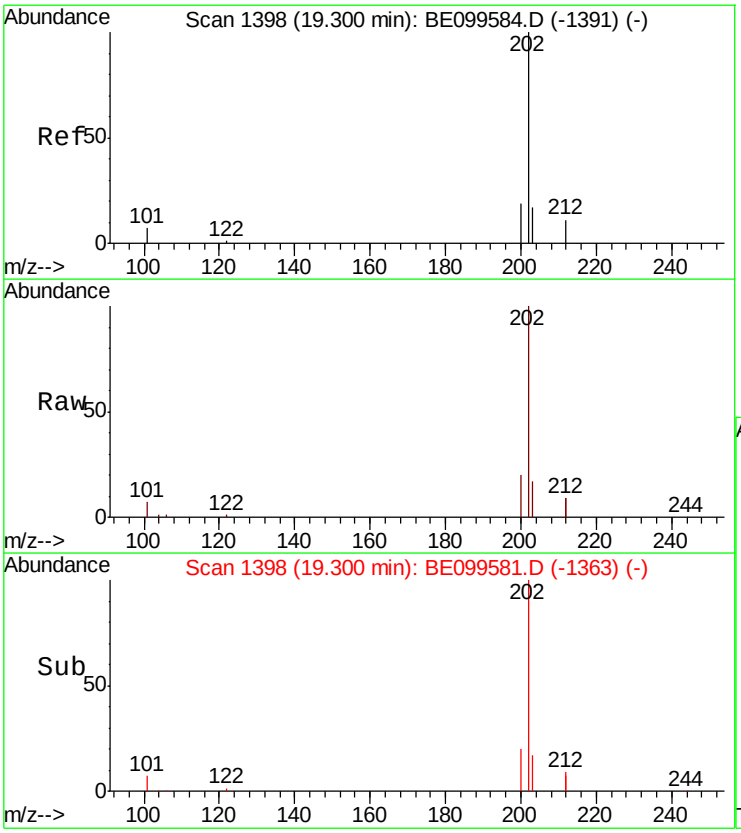
#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 67193

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

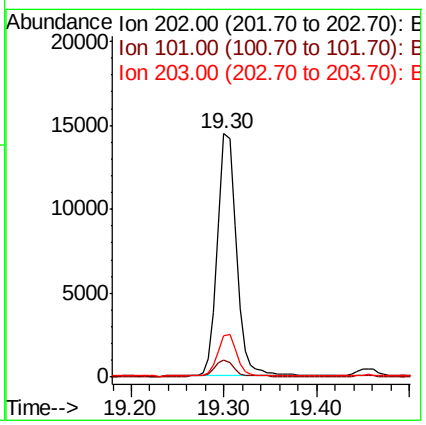


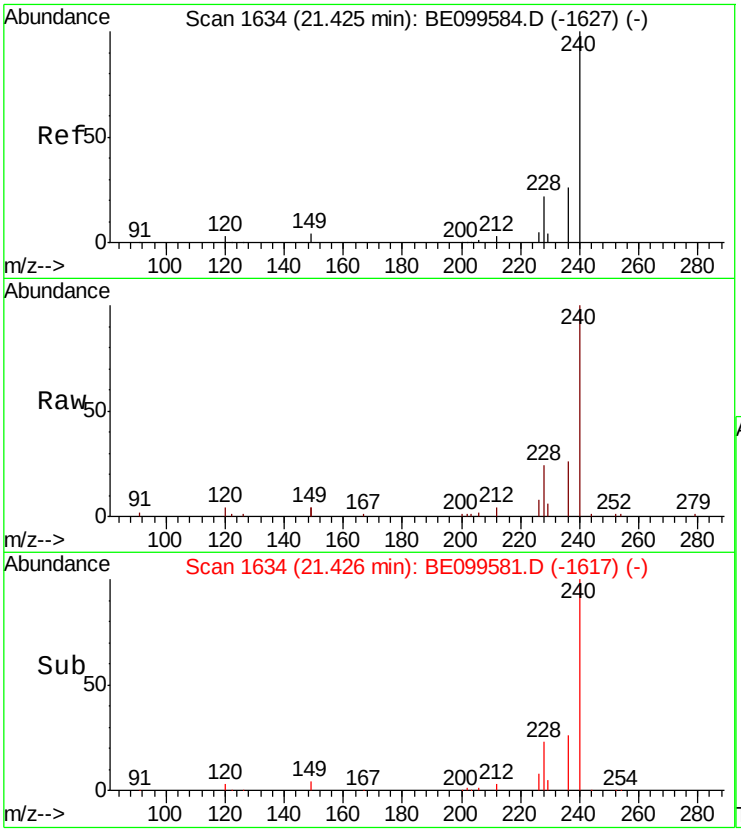


#26
Fluoranthene
Concen: 0.468 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:202 Resp: 20616

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.2
203	17.0	13.7	20.5



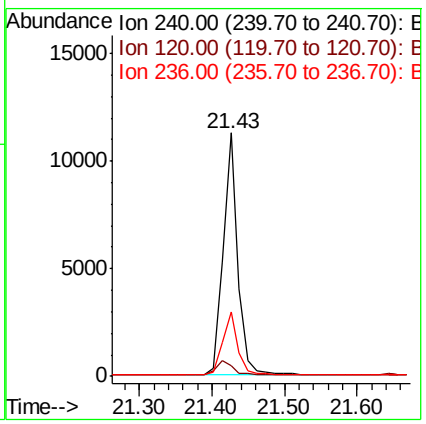


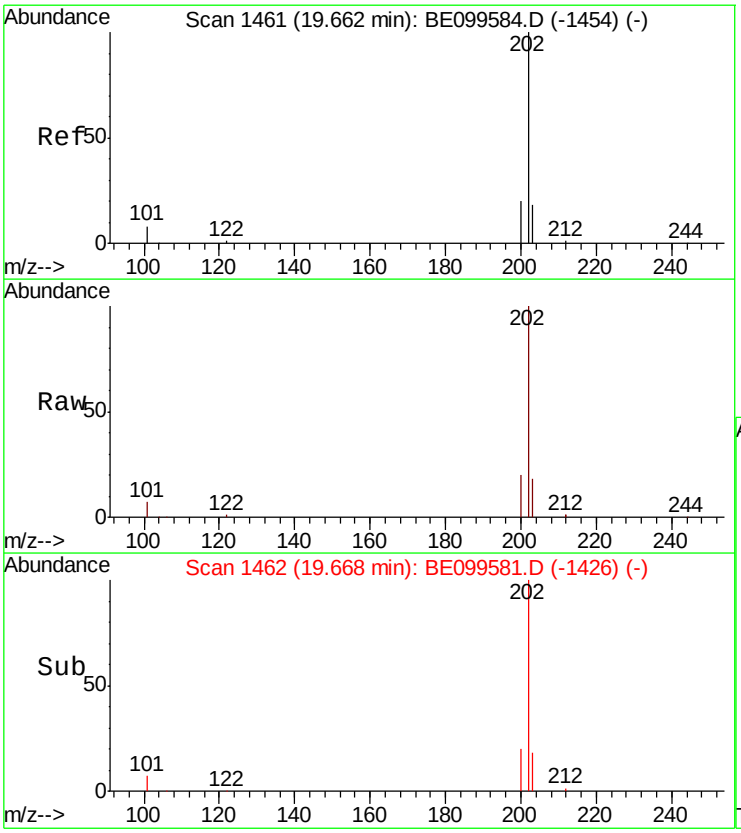
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16107

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.2	4.8
236	26.3	21.0	31.6

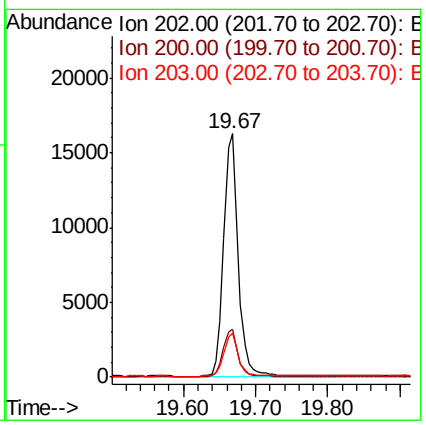


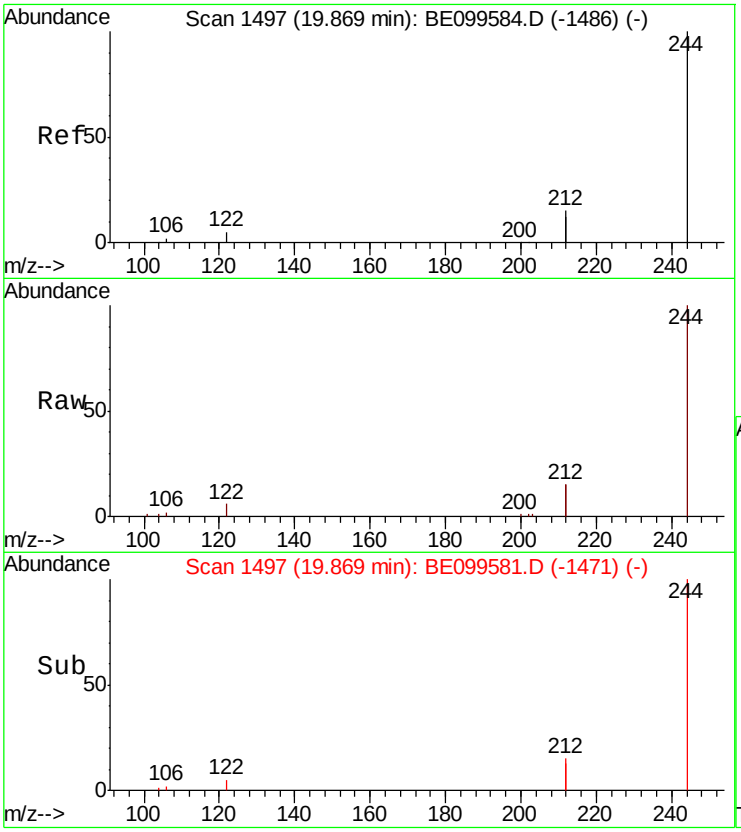


#28
Pyrene
Concen: 0.528 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:202 Resp: 22766

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.9	23.9
203	17.8	14.1	21.1



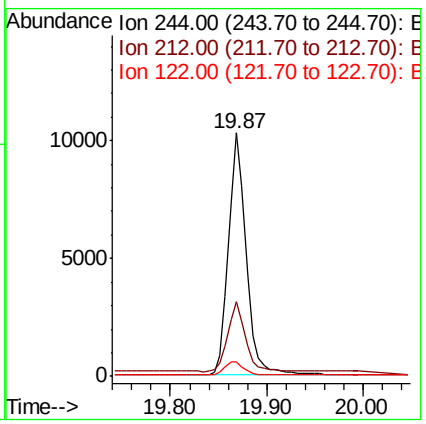


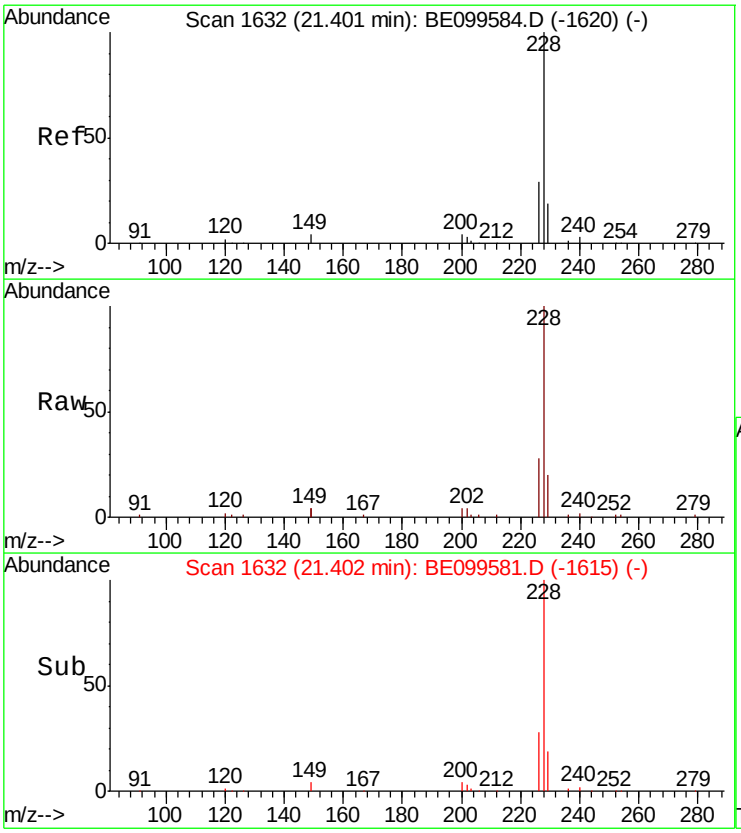
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13267

Ion	Ratio	Lower	Upper
244	100		
212	30.5	24.4	36.6
122	5.7	4.6	6.8

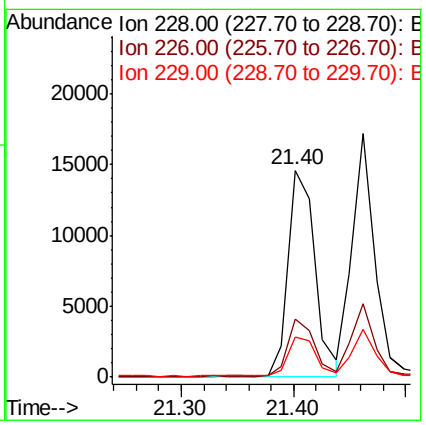


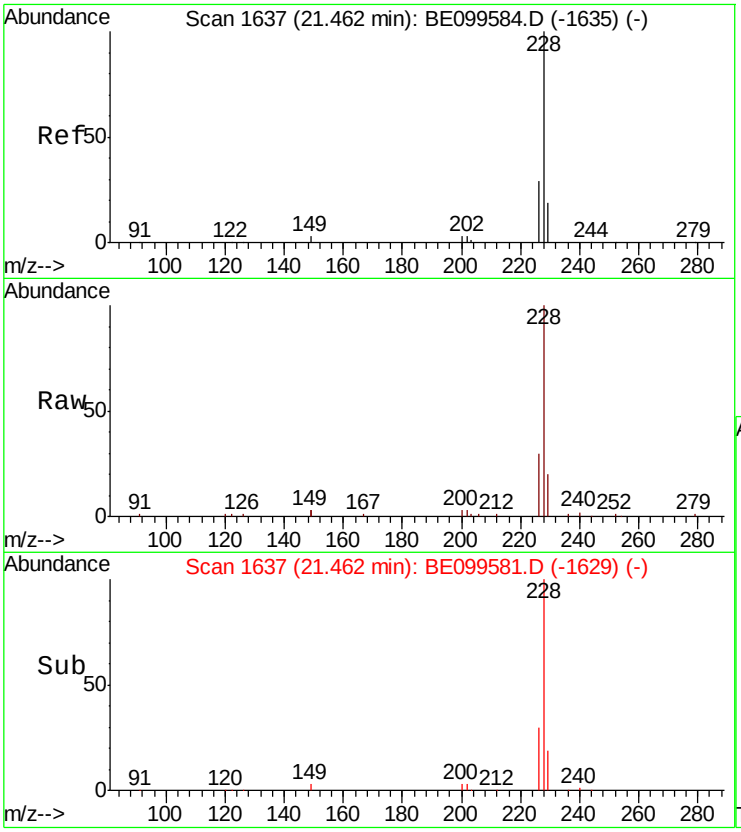


#30
Benzo(a)anthracene
Concen: 0.480 ng
RT: 21.40 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:228 Resp: 23938

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.3	34.9
229	19.7	15.5	23.3



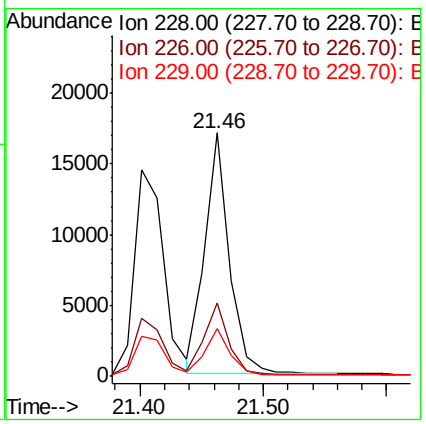


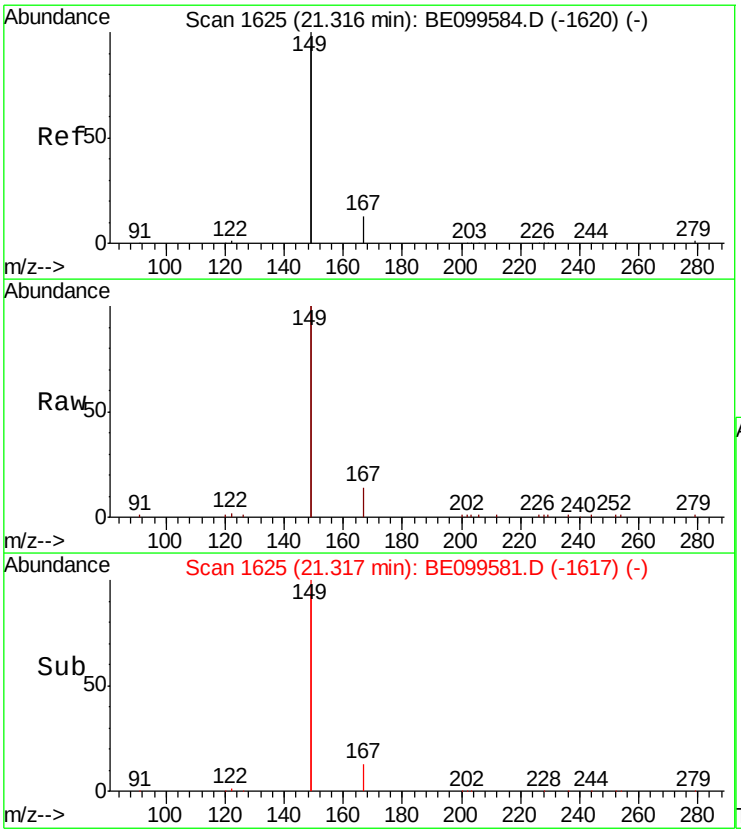
#31
Chrysene
Concen: 0.479 ng
RT: 21.46 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 23580

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.2	34.8
229	19.6	15.6	23.4

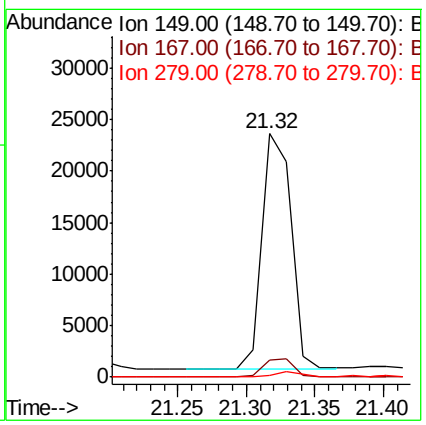


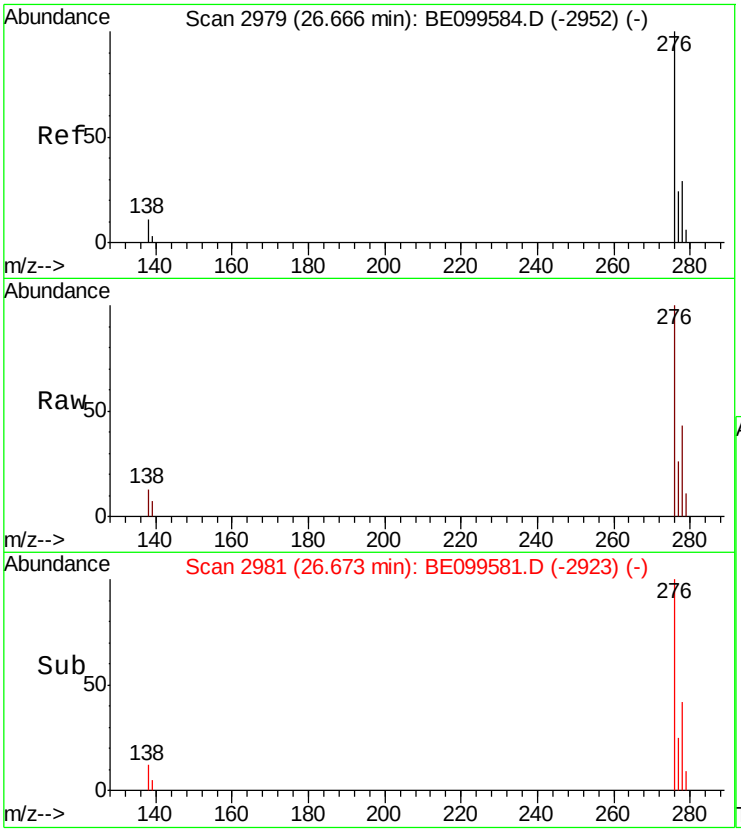


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.32 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:149 Resp: 33742

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.5	1.1	1.7



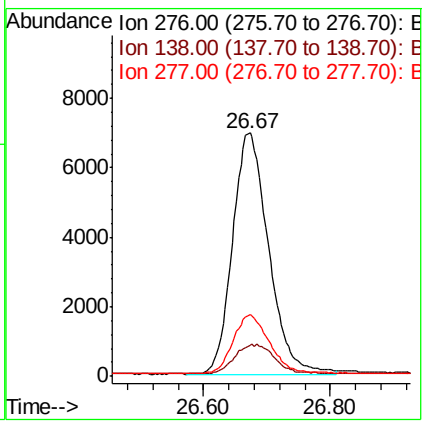


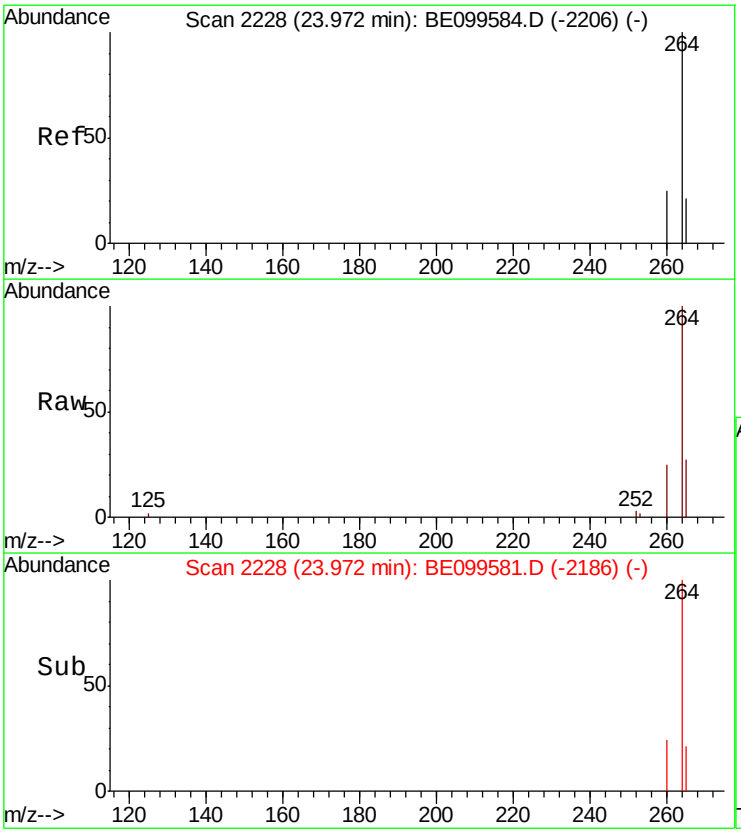
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27452

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.2	15.2
277	24.9	19.8	29.8

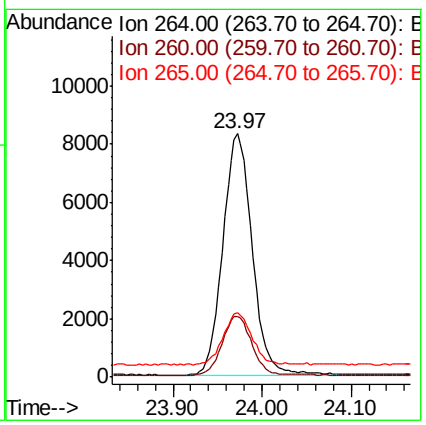


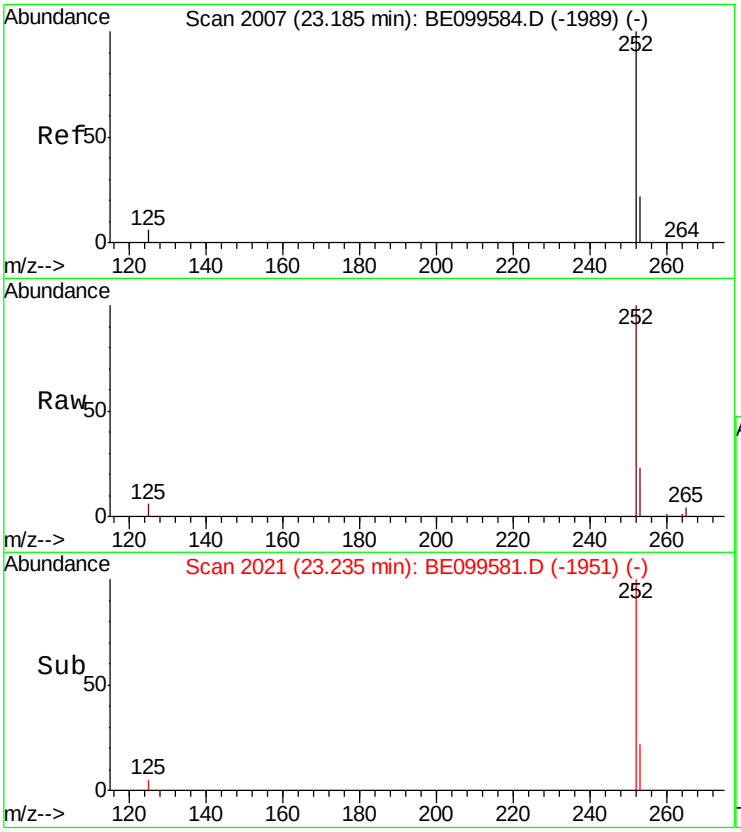


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:264 Resp: 19156

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	26.6	20.9	31.3



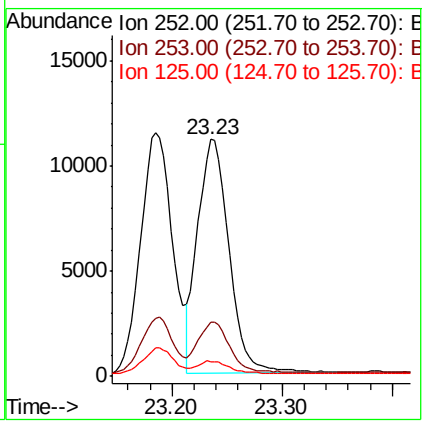


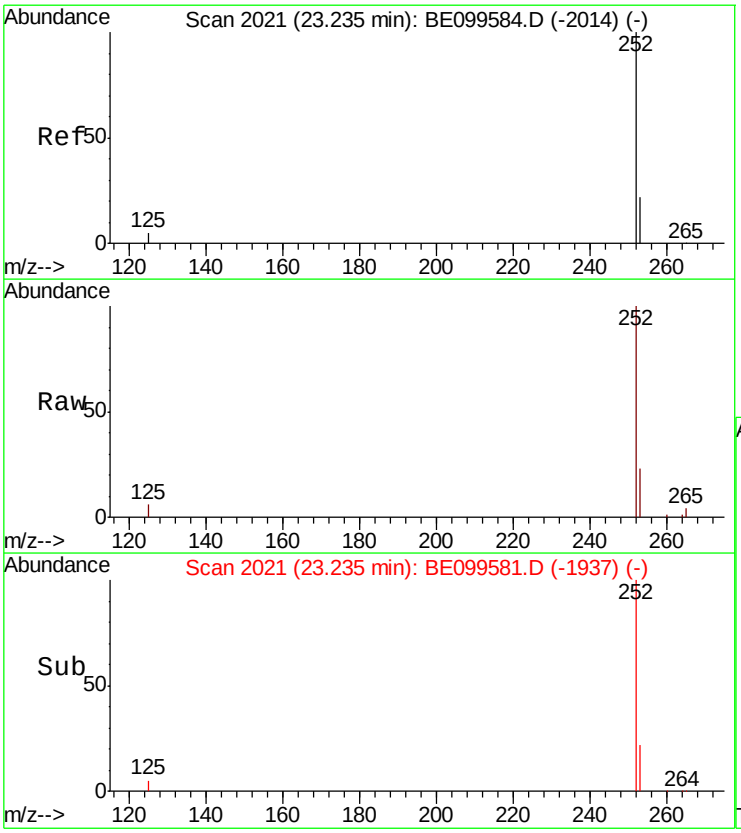
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.05 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21973

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	6.3	6.0	9.0

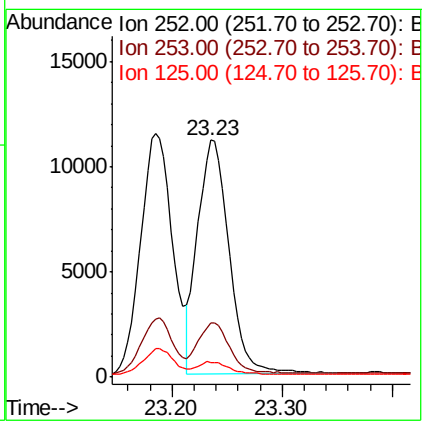


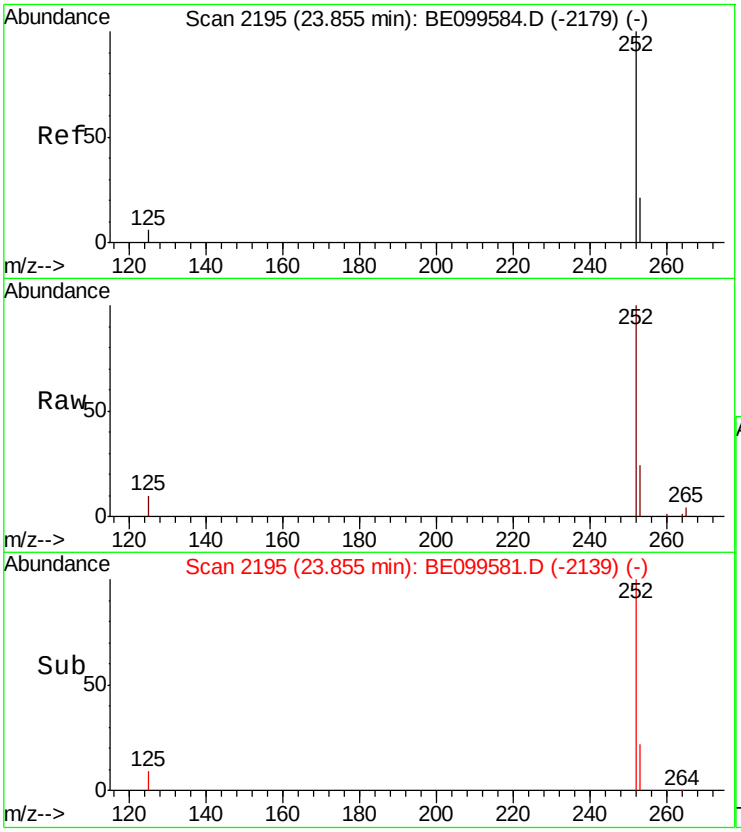


#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:252 Resp: 21973

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	6.3	5.1	7.7



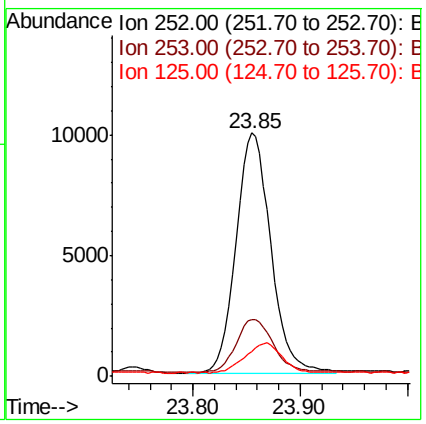


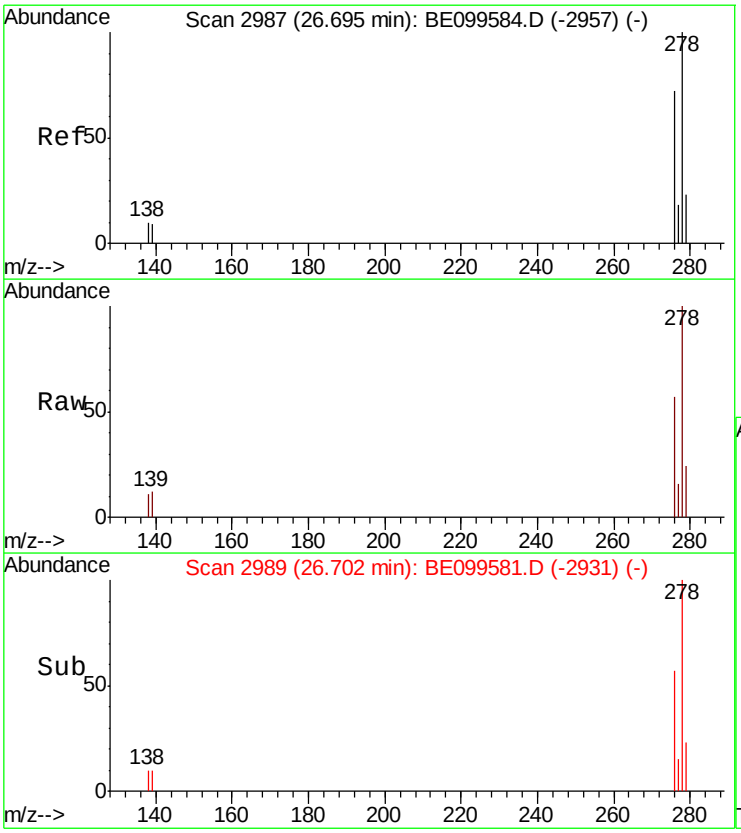
#37
Benzo(a)pyrene
Concen: 0.439 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22385

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	10.2	6.4	9.6#

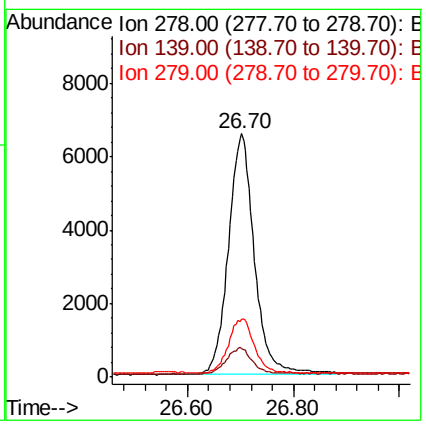


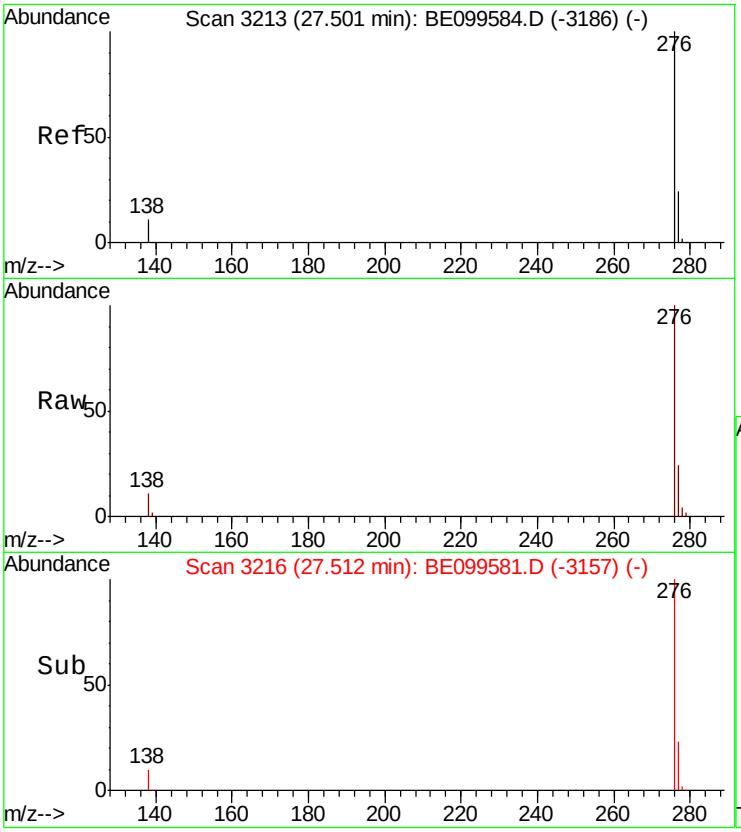


#38
Dibenzo(a,h)anthracene
Concen: 0.429 ng
RT: 26.70 min Scan# 2989
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Tgt Ion:278 Resp: 22591

Ion	Ratio	Lower	Upper
278	100		
139	11.6	8.3	12.5
279	24.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 27.51 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BE099581.D
Acq: 9 May 2019 8:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22795

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	11.4	9.4	14.2