Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
Data File : BE099579.D
Acq On : 8 May 2019 17:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 18:22:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1728	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	5966	0.40	ng		0.01
13) Acenaphthene-d10	14.50	164	4123	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11789	0.40	ng		0.00
27) Chrysene-d12	21.43	240	16278	0.40	ng		0.00
34) Perylene-d12	23.98	264	20513	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1987	0.41	ng		0.00
5) Phenol-d6	6.99	99	2720	0.43	ng		0.00
8) Nitrobenzene-d5	8.99	82	2455	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	4172	0.40	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	1155	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6580	0.42	ng		0.00
25) Fluoranthene-d10	19.28	212	64009	0.40	ng		0.00
29) Terphenyl-d14	19.87	244	13611	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	958	0.392	ng		98
3) n-Nitrosodimethylamine	3.64	42	608	0.376	ng	#	92
6) bis(2-Chloroethyl)ether	7.25	93	2066	0.393	ng		97
9) Naphthalene	10.69	128	26933	0.426	ng		99
10) Hexachlorobutadiene	10.96	225	1862	0.406	ng		98
12) 2-Methylnaphthalene	12.31	142	4512	0.421	ng		95
16) Acenaphthylene	14.23	152	8012	0.403	ng		99
17) Acenaphthene	14.56	154	4560	0.410	ng		97
18) Fluorene	15.54	166	6574	0.414	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	2660	0.397	ng	#	73
21) Hexachlorobenzene	16.55	284	2740	0.411	ng		98
22) Pentachlorophenol	16.89	266	1382	0.504	ng		93
23) Phenanthrene	17.28	178	12213	0.420	ng		99
24) Anthracene	17.38	178	11524	0.412	ng		99
26) Fluoranthene	19.30	202	18643	0.417	ng		100
28) Pyrene	19.67	202	19614	0.450	ng		100
30) Benzo(a)anthracene	21.41	228	23078	0.458	ng		99
31) Chrysene	21.46	228	22549	0.453	ng		98
32) Bis(2-ethylhexyl)phthalate	21.33	149	36348	0.455	ng		100
33) Indeno(1,2,3-cd)pyrene	26.68	276	29616	0.501	ng	#	95
35) Benzo(b)fluoranthene	23.24	252	23203	0.410	ng		99
36) Benzo(k)fluoranthene	23.24	252	23301	0.418	ng		99
37) Benzo(a)pyrene	23.86	252	23390	0.429	ng	#	97
38) Dibenzo(a,h)anthracene	26.71	278	24541	0.435	ng	#	97
39) Benzo(g,h,i)perylene	27.51	276	24246	0.429	ng		98

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
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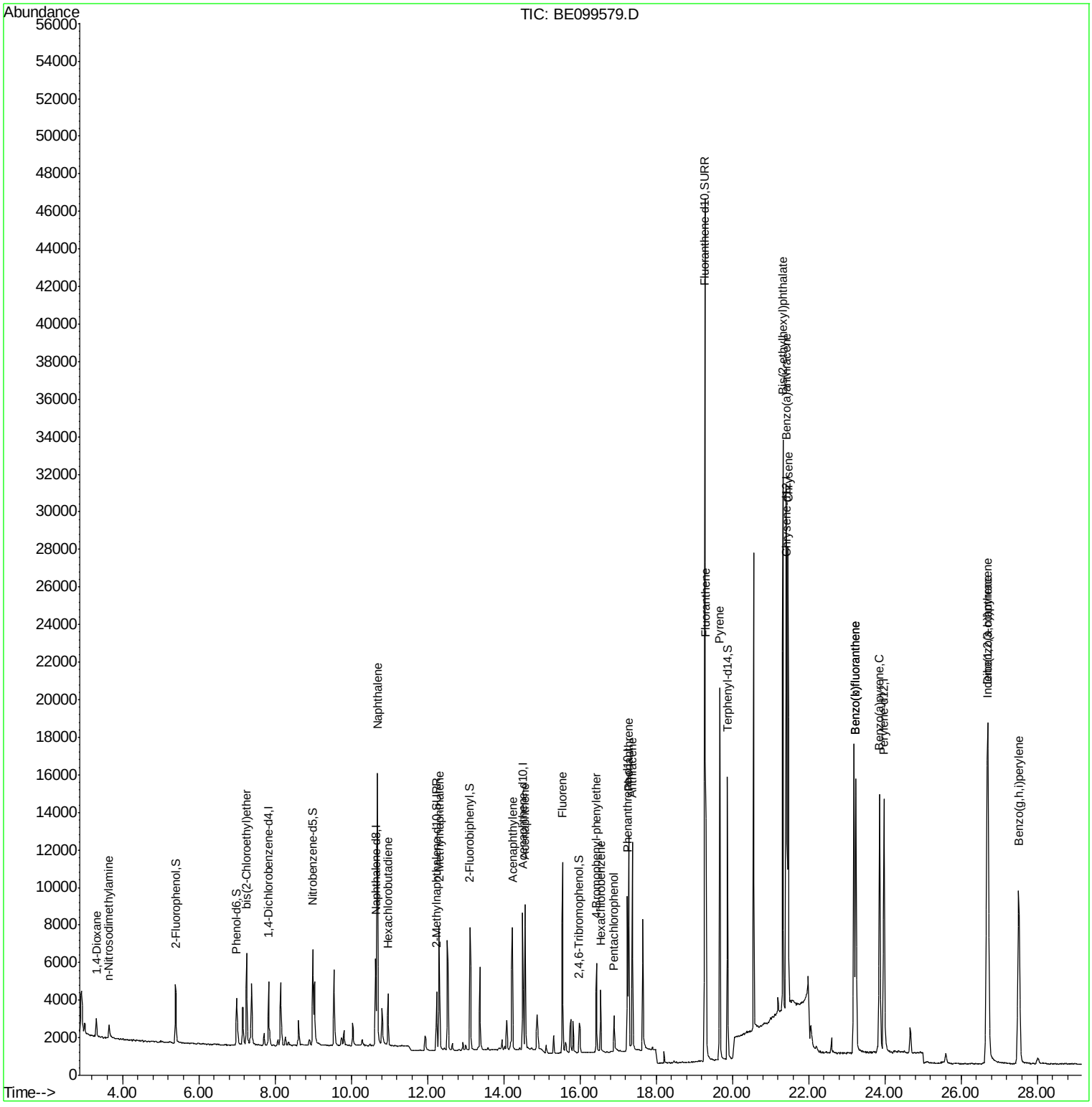
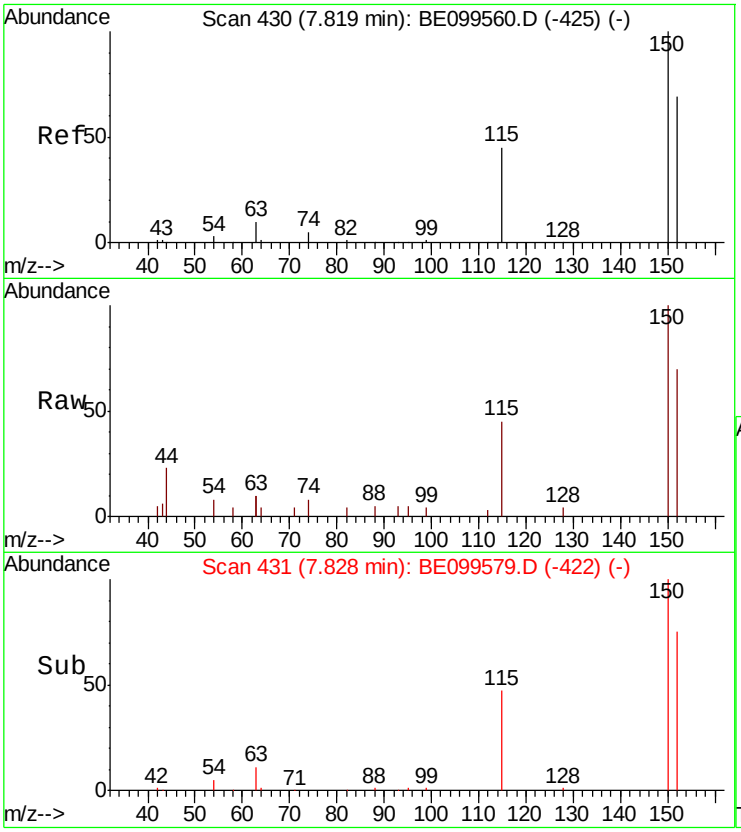
Acq On : 8 May 2019 17:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 18:22:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration

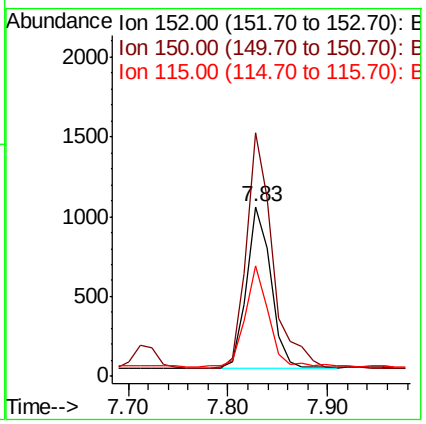




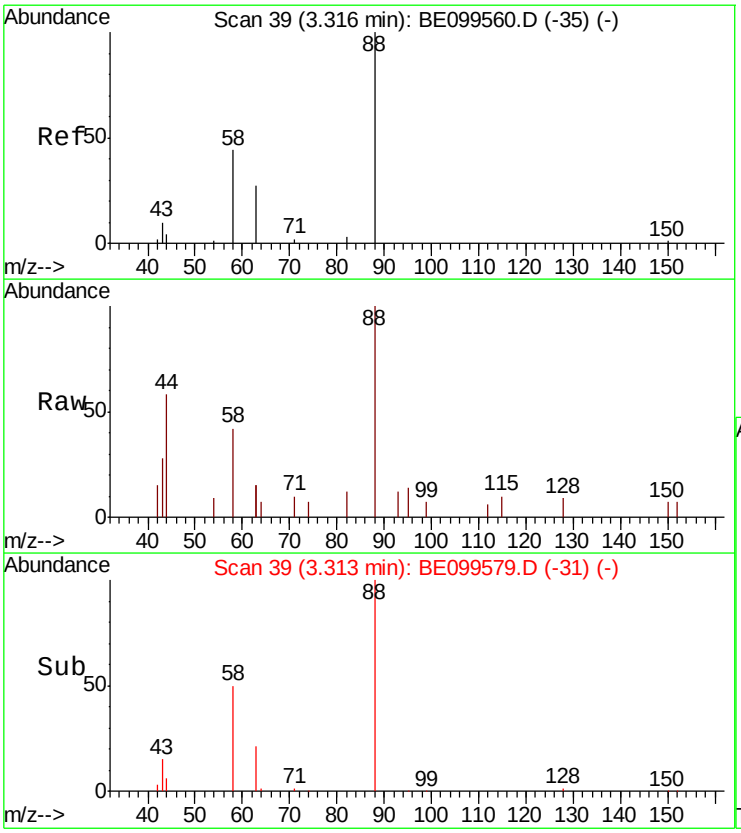
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:152 Resp: 1728

Ion	Ratio	Lower	Upper
152	100		
150	143.6	113.8	170.6
115	64.8	54.2	81.2



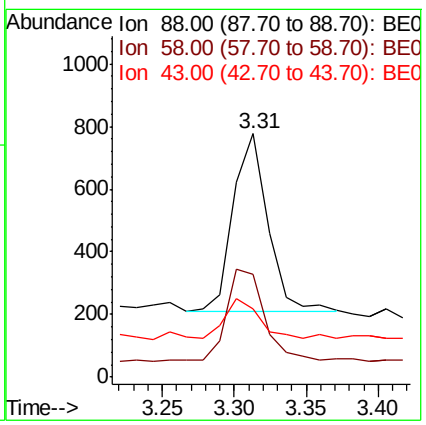
Instrument :
BNA_E
ClientSampleId :

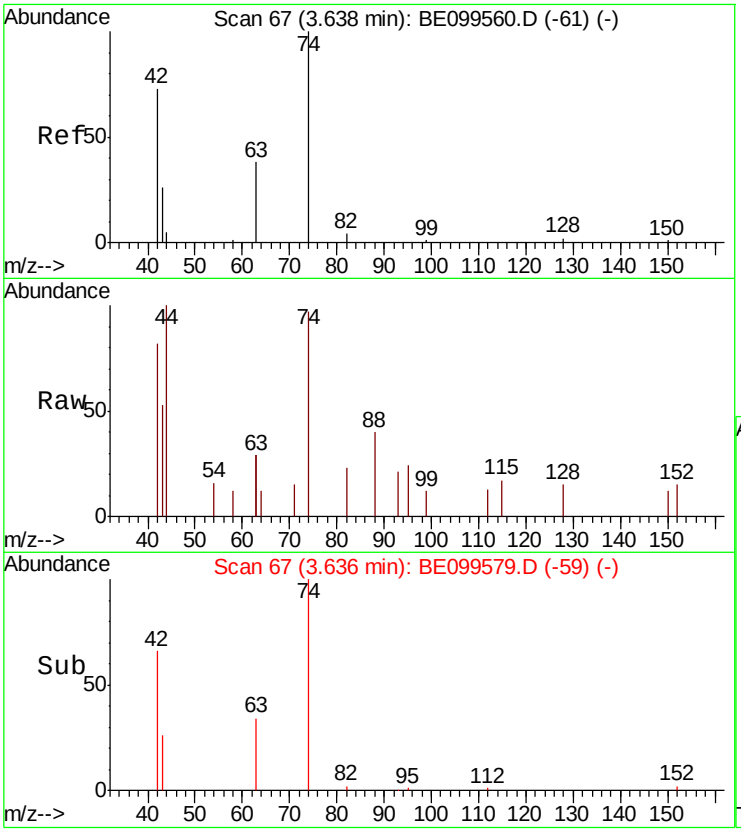


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion: 88 Resp: 958

Ion	Ratio	Lower	Upper
88	100		
58	56.8	46.6	69.8
43	26.7	20.3	30.5



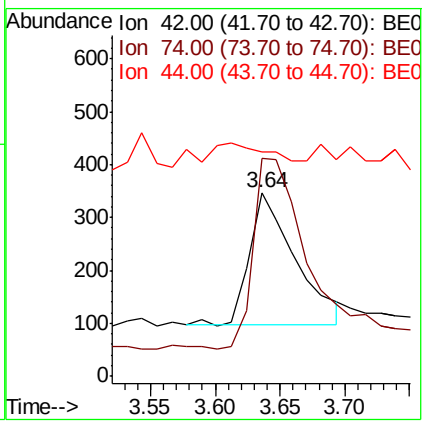


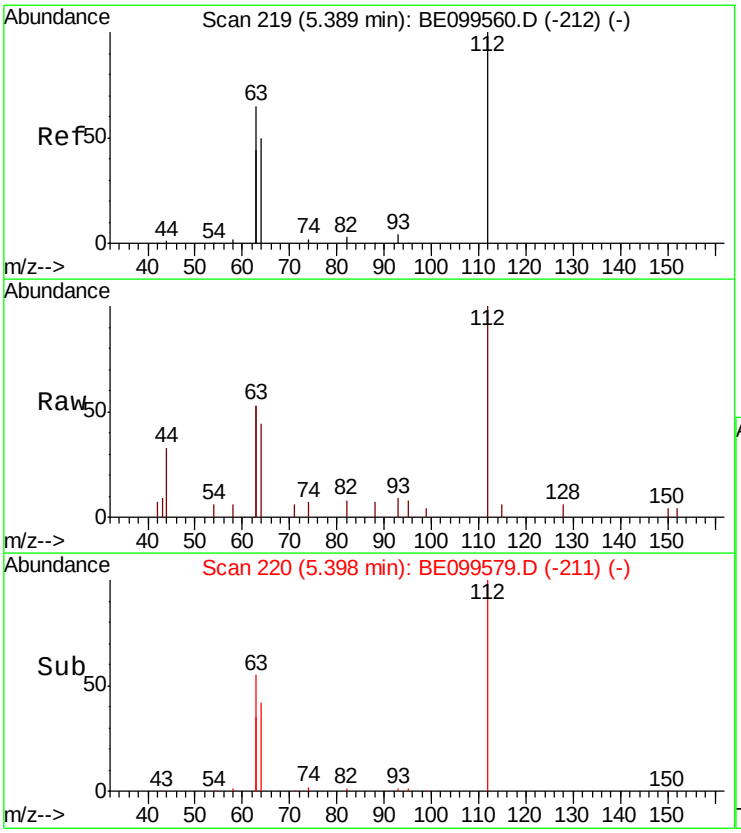
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 608

Ion	Ratio	Lower	Upper
42	100		
74	162.0	121.3	181.9
44	0.0	0.0	0.0

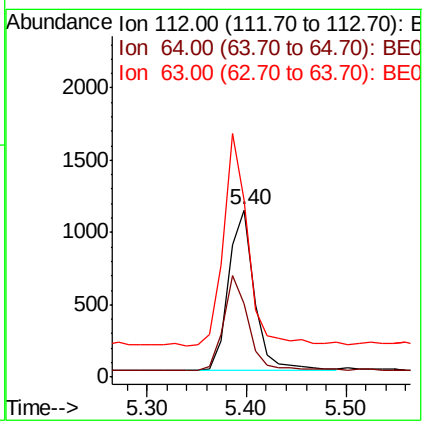


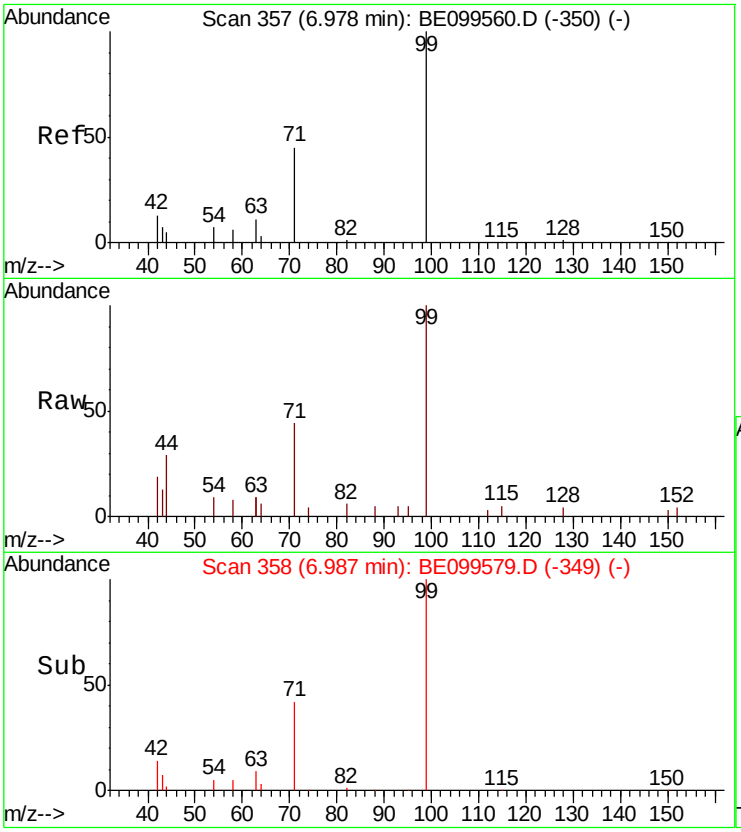


#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:112 Resp: 1987

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.3	69.5
63	125.8	99.6	149.4



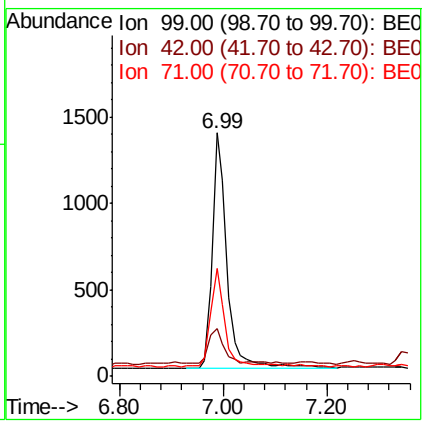


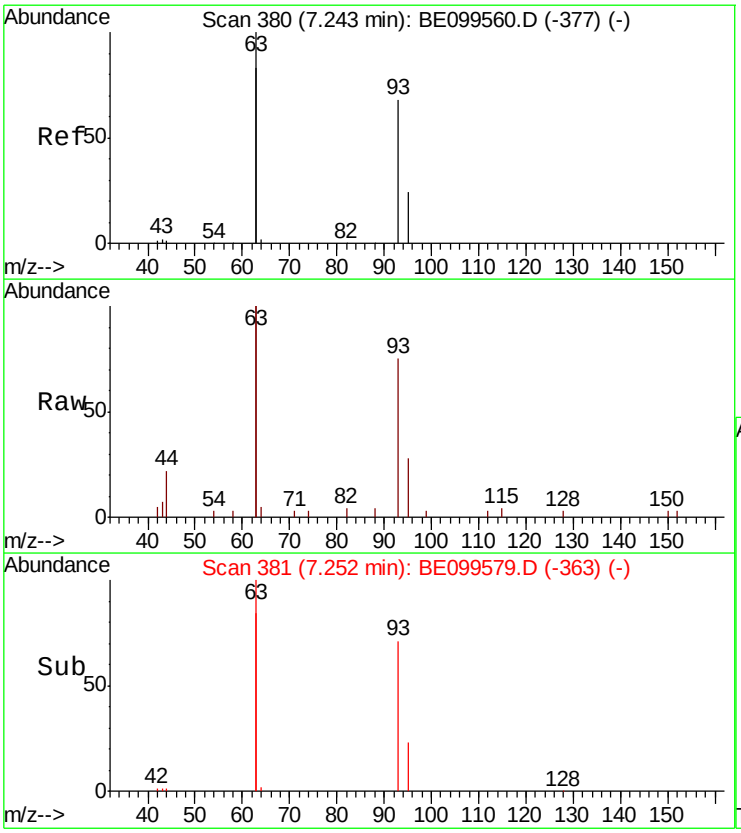
#5
Phenol-d6
Concen: 0.431 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2720

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	40.5	34.2	51.2

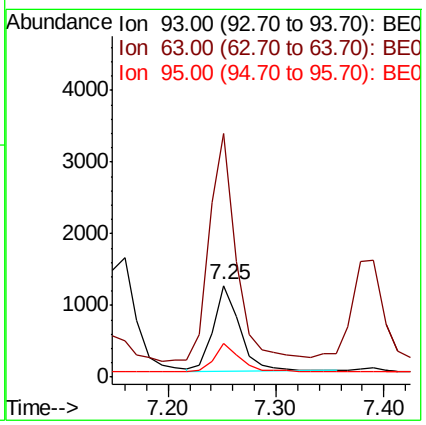


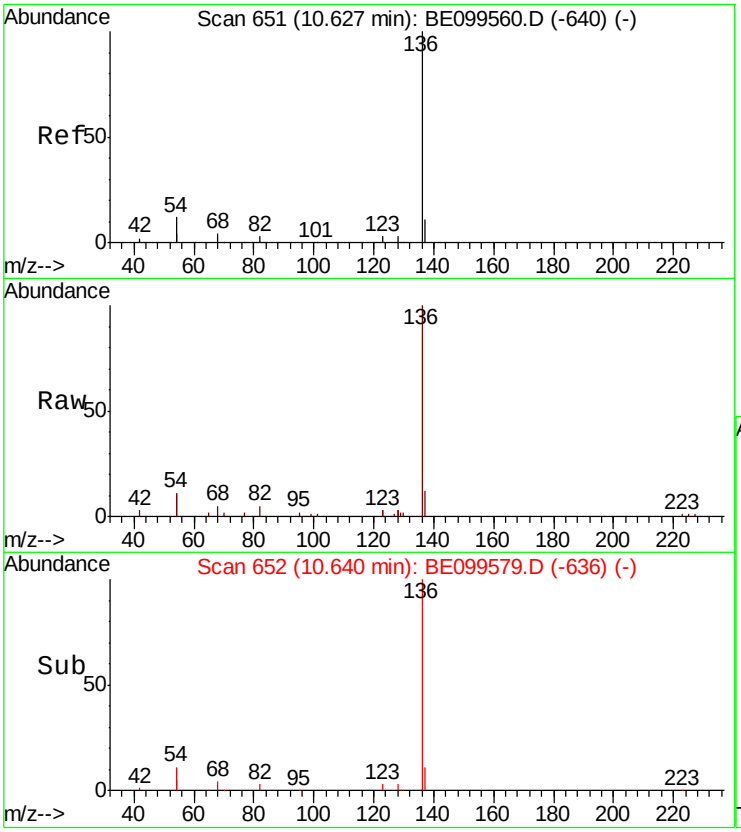


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion: 93 Resp: 2066

Ion	Ratio	Lower	Upper
93	100		
63	267.1	209.0	313.4
95	32.4	26.9	40.3



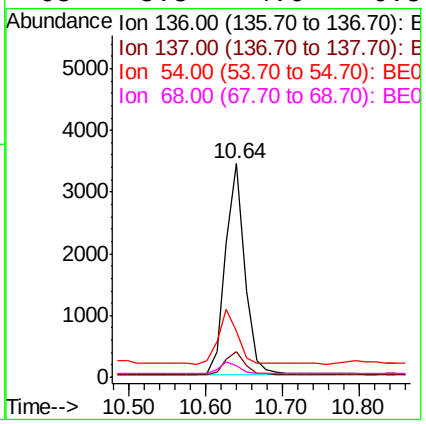


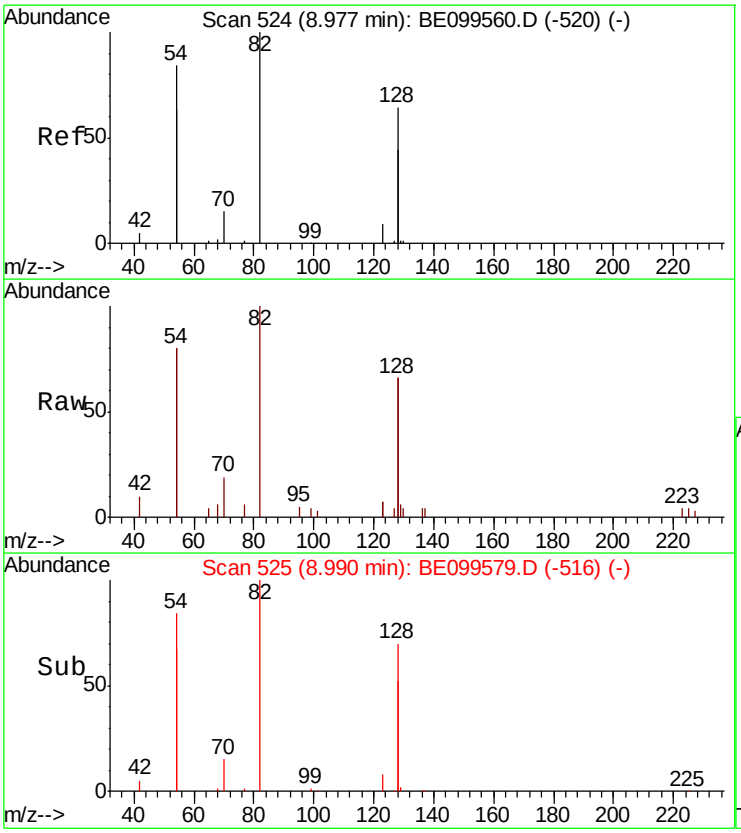
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5966

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.0	15.0
54	21.8	18.6	28.0
68	5.3	4.6	6.8

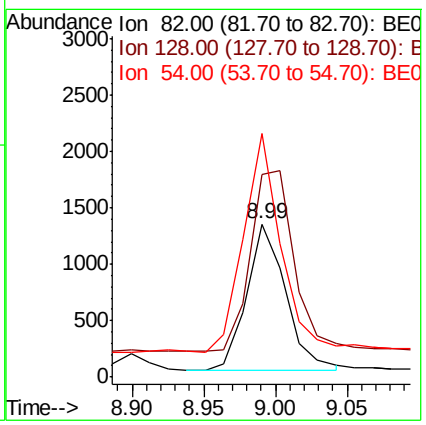


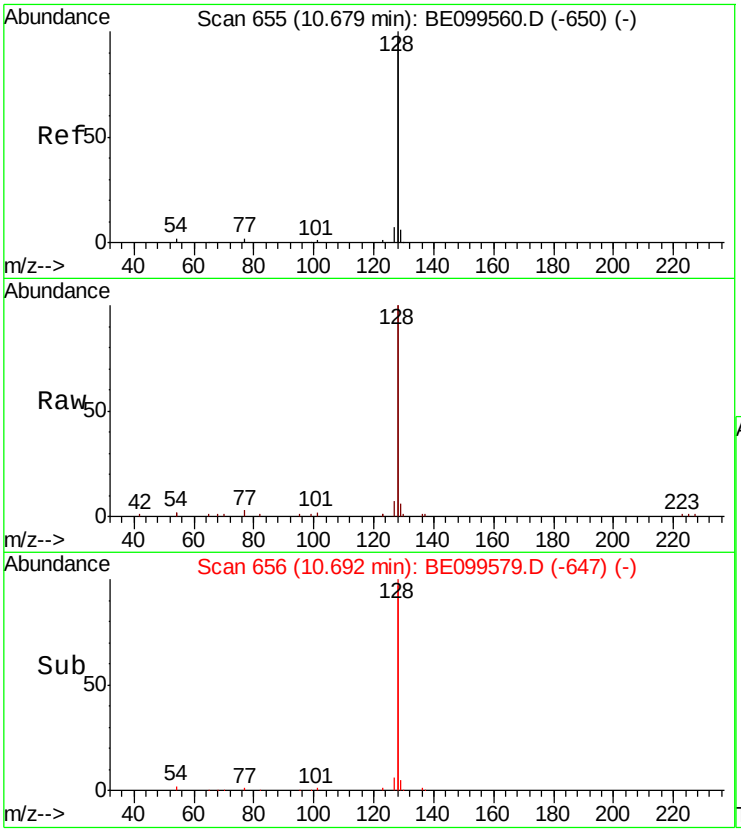


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion: 82 Resp: 2455

Ion	Ratio	Lower	Upper
82	100		
128	132.3	97.6	146.4
54	159.4	127.4	191.2



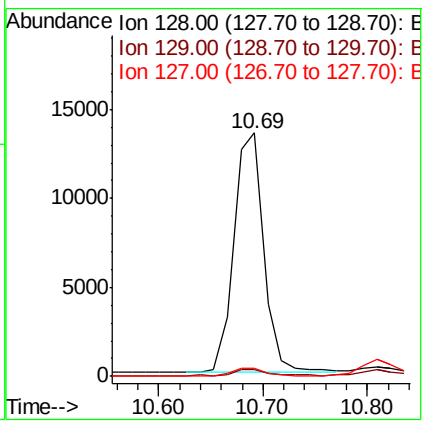


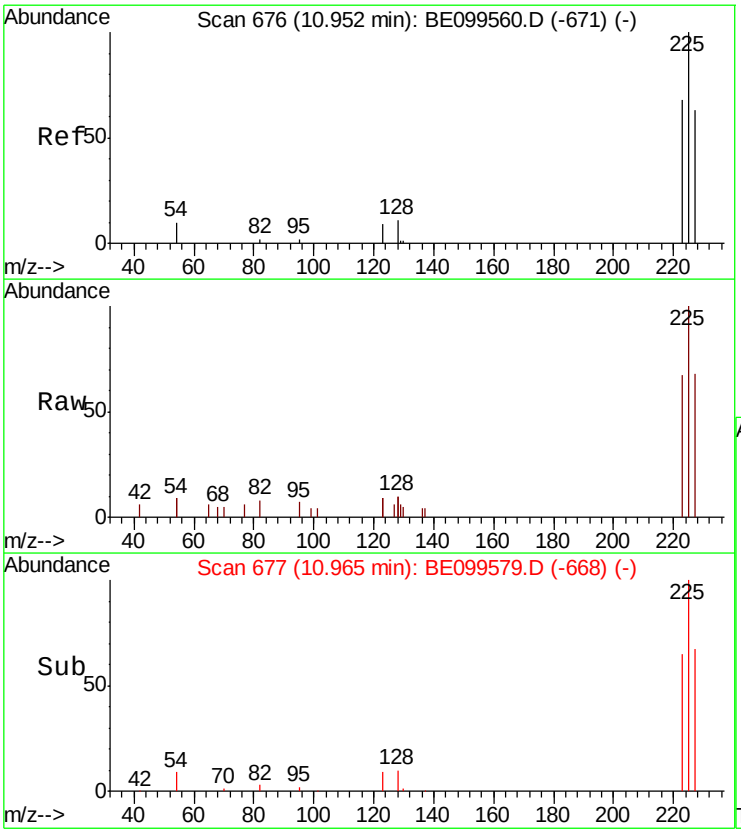
#9
Naphthalene
Concen: 0.426 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 26933

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	3.0	4.4

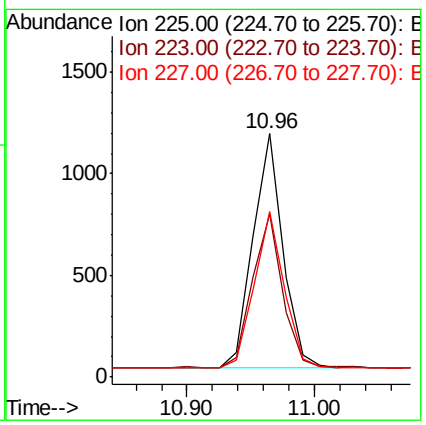


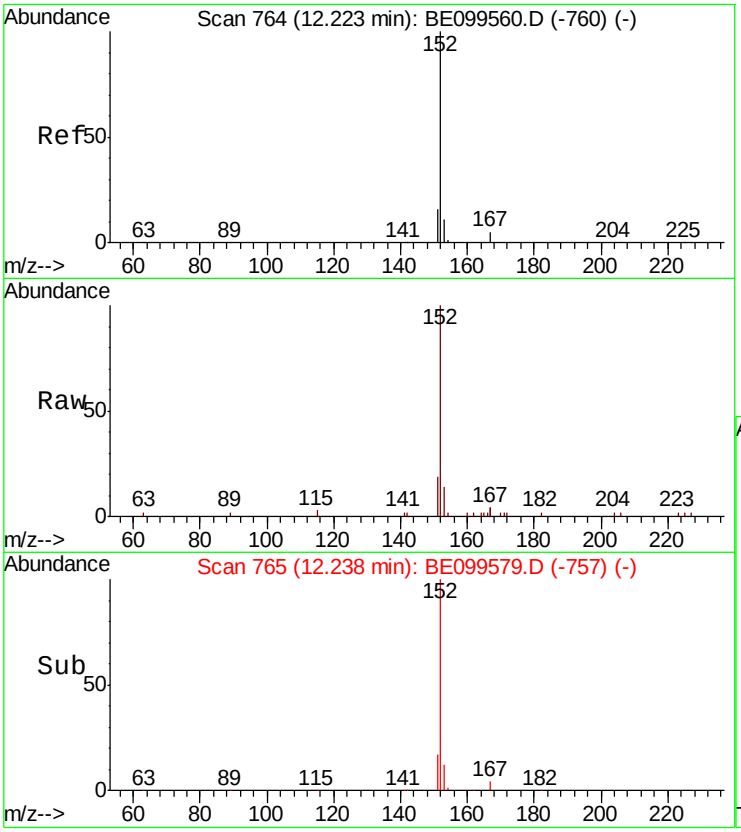


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.96 min Scan# 677
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:225 Resp: 1862

Ion	Ratio	Lower	Upper
225	100		
223	65.4	53.0	79.6
227	67.1	51.4	77.0



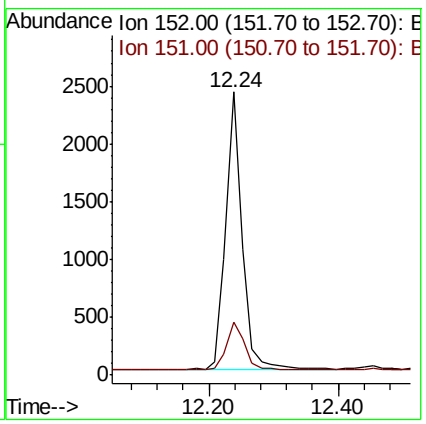


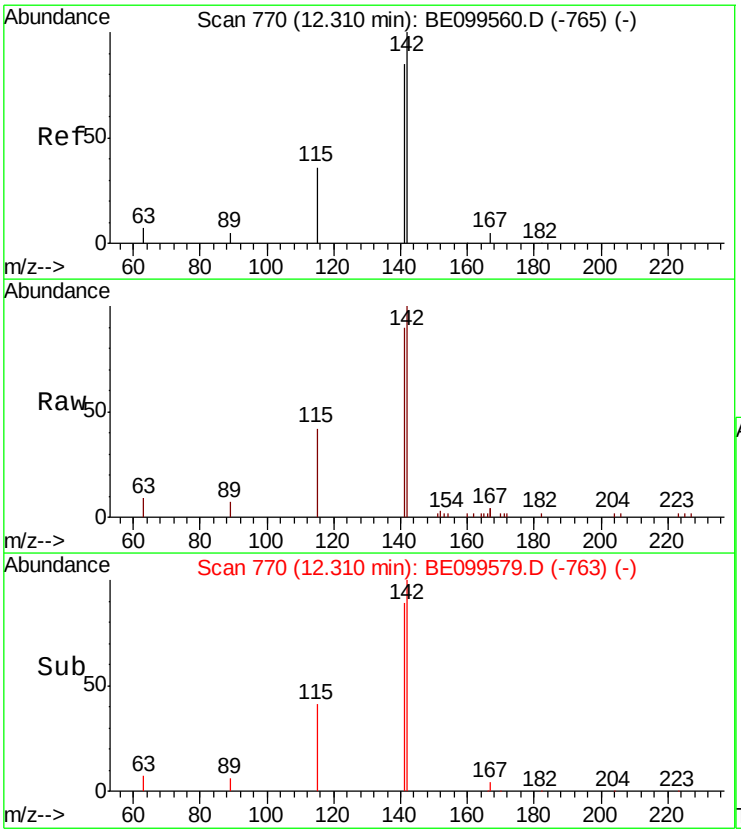
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4172

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

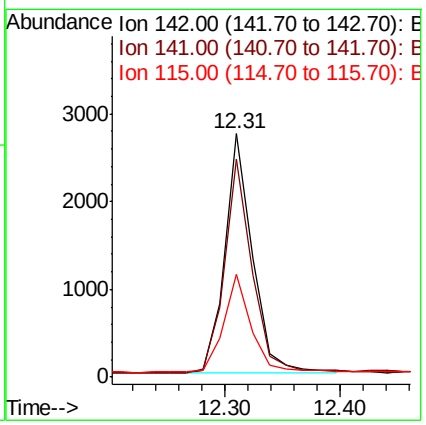


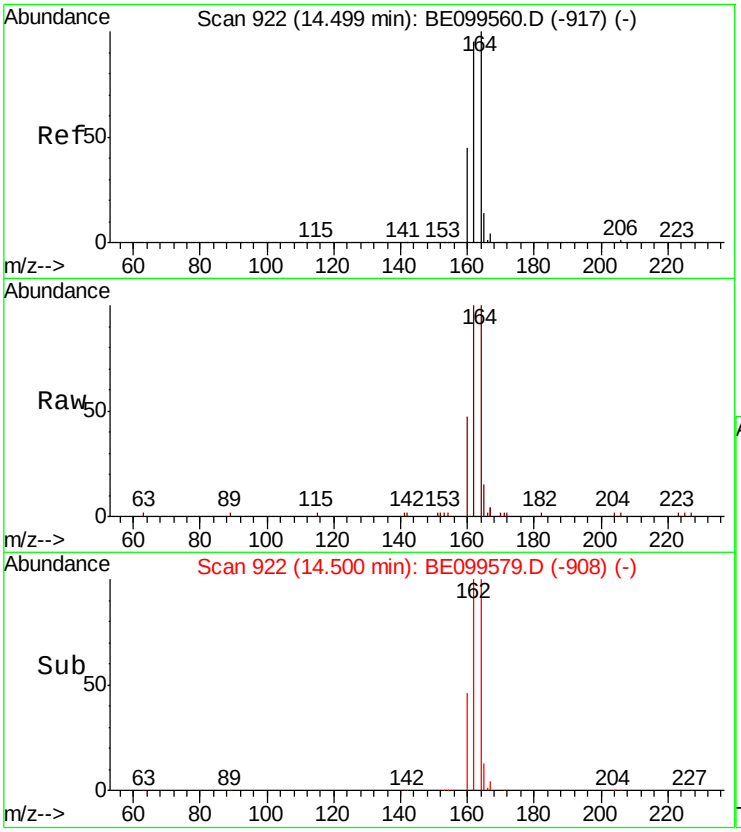


#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:142 Resp: 4512

Ion	Ratio	Lower	Upper
142	100		
141	89.5	68.1	102.1
115	42.2	30.8	46.2



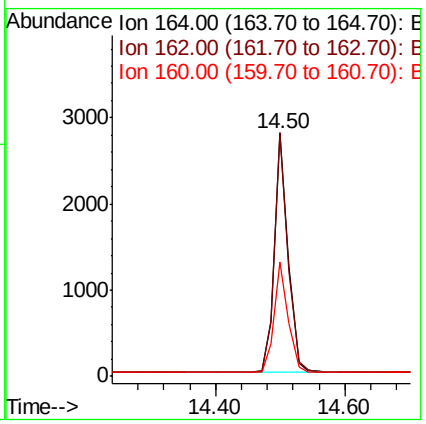


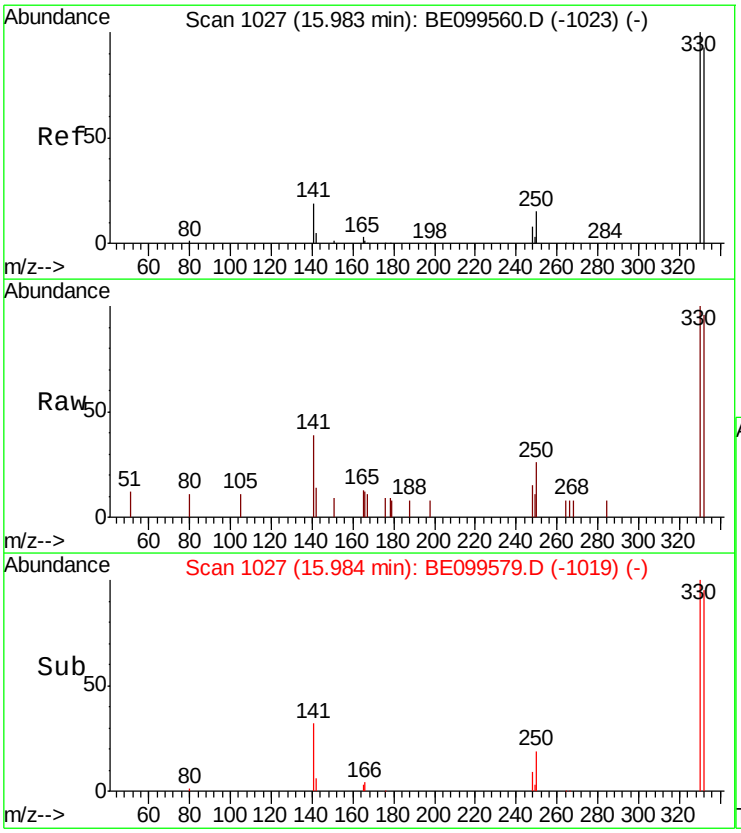
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4123

Ion	Ratio	Lower	Upper
164	100		
162	100.2	76.4	114.6
160	46.9	36.6	55.0

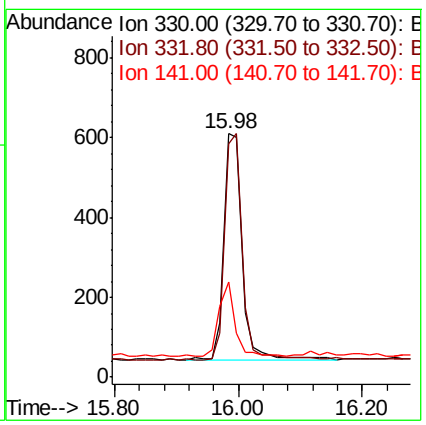


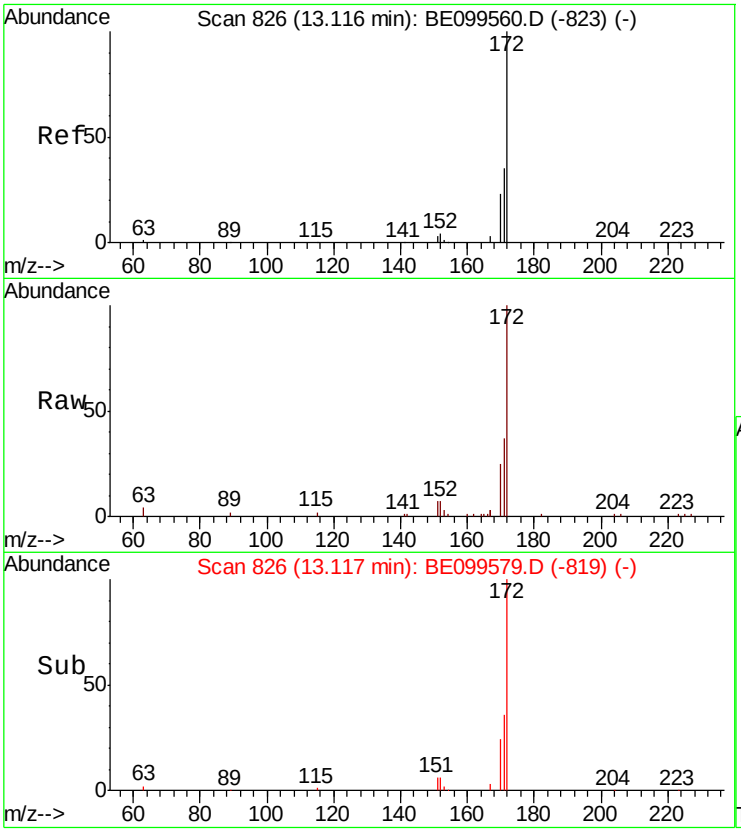


#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:330 Resp: 1155

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	27.7	26.1	39.1



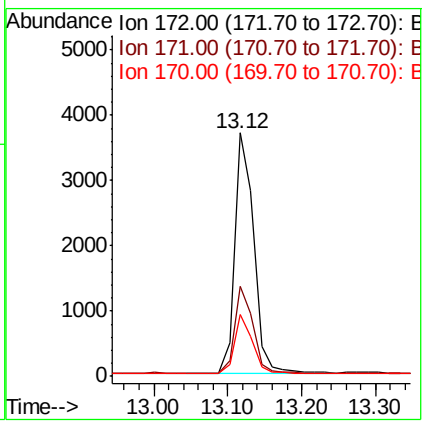


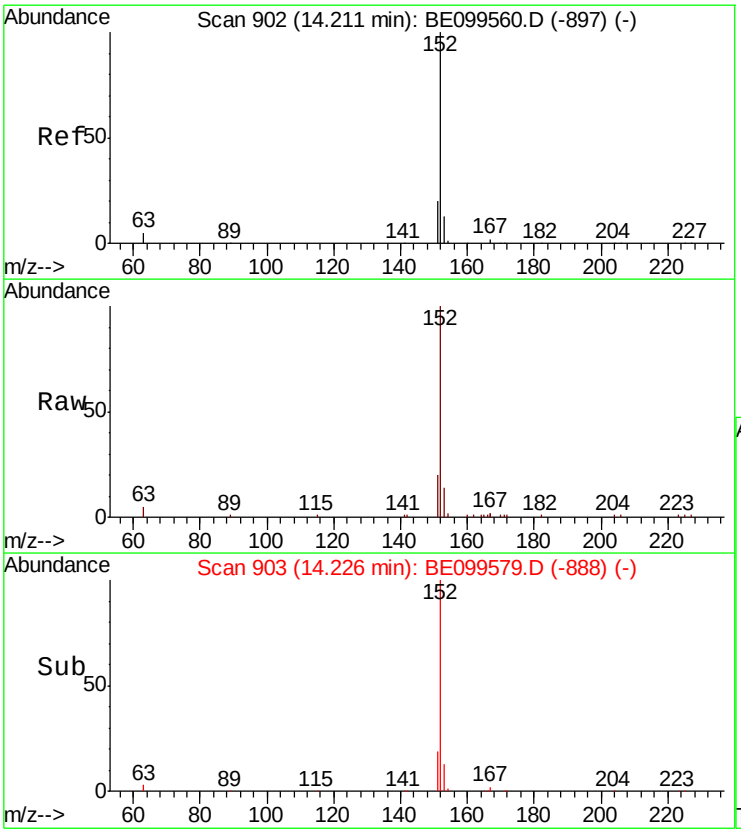
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6580

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.4	42.6
170	25.4	18.8	28.2

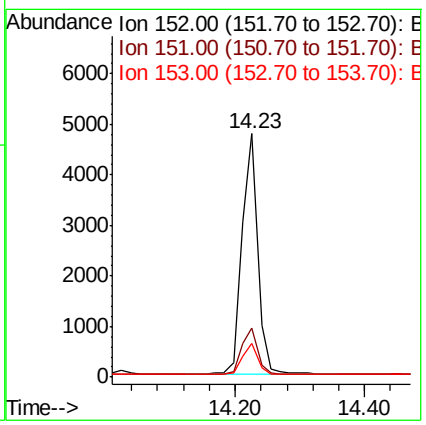


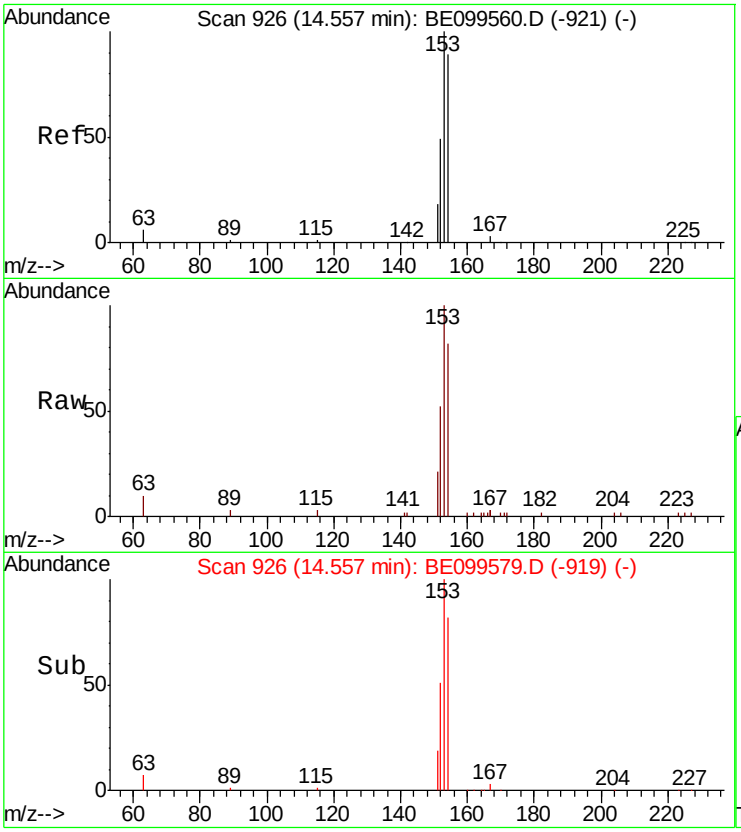


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:152 Resp: 8012

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.9	10.5	15.7



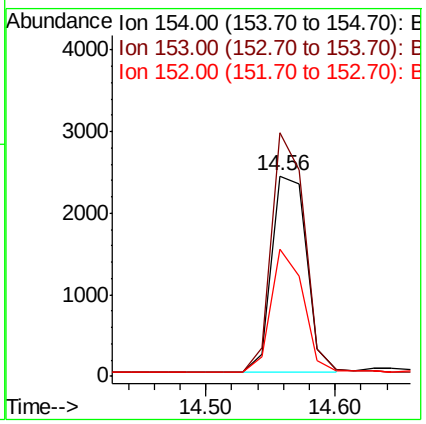


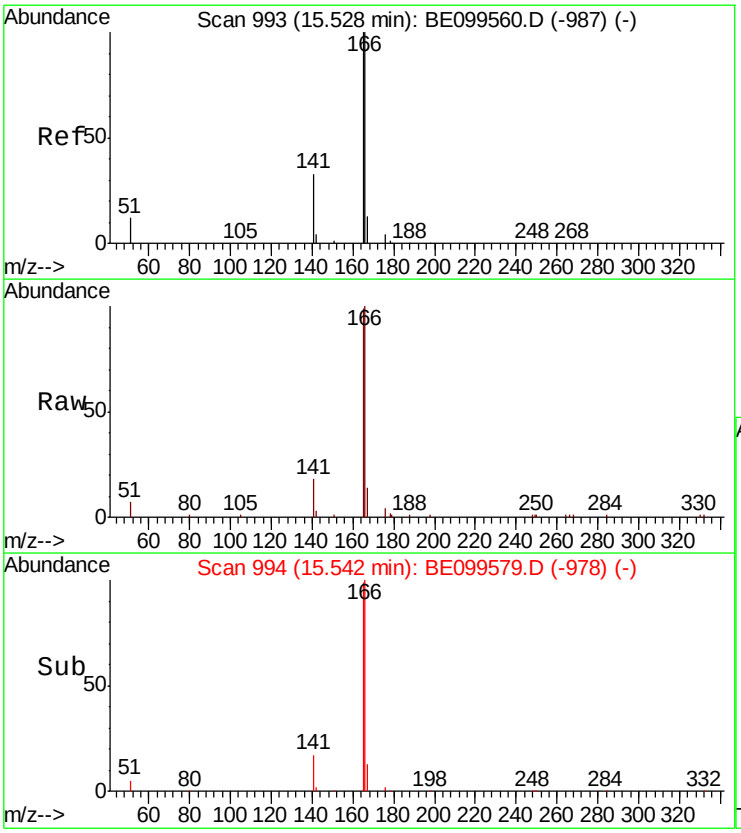
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4560

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.7	134.5
152	57.3	43.9	65.9

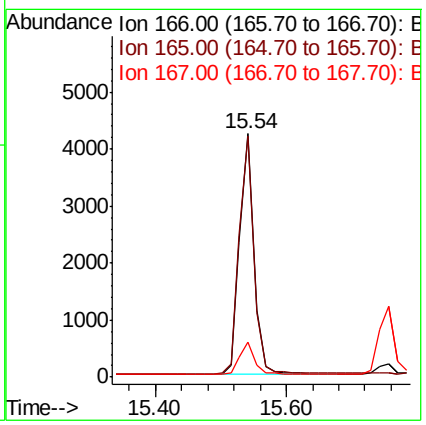


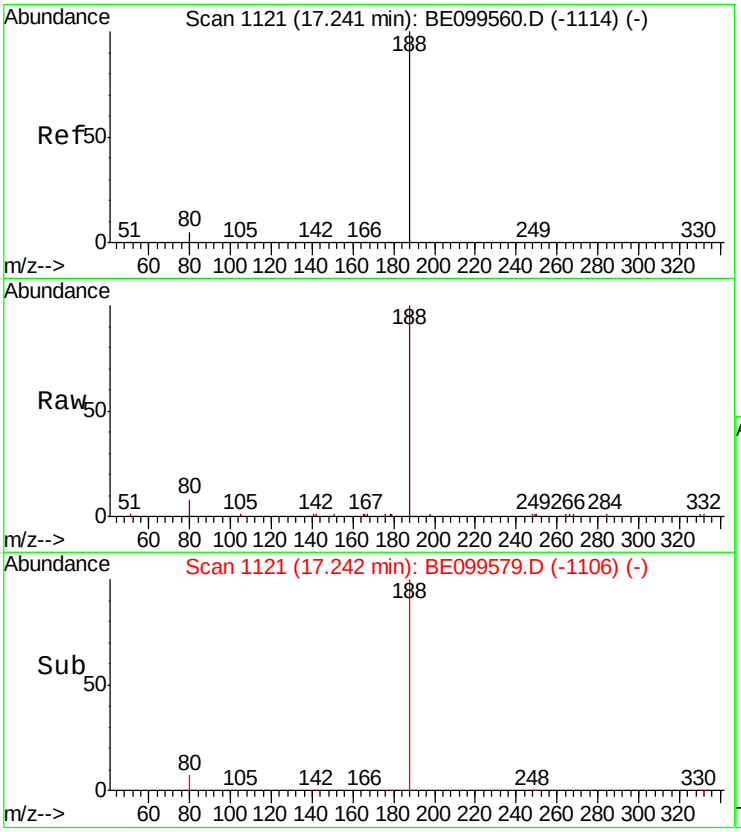


#18
Fluorene
Concen: 0.414 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:166 Resp: 6574

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.0	11.5	17.3



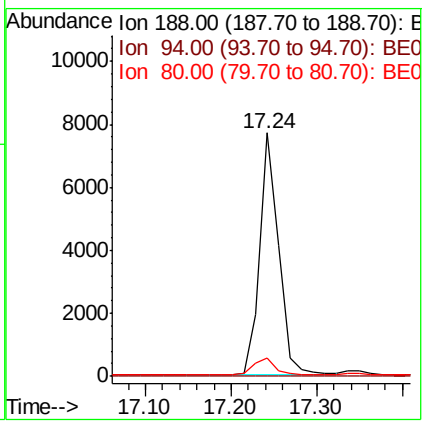


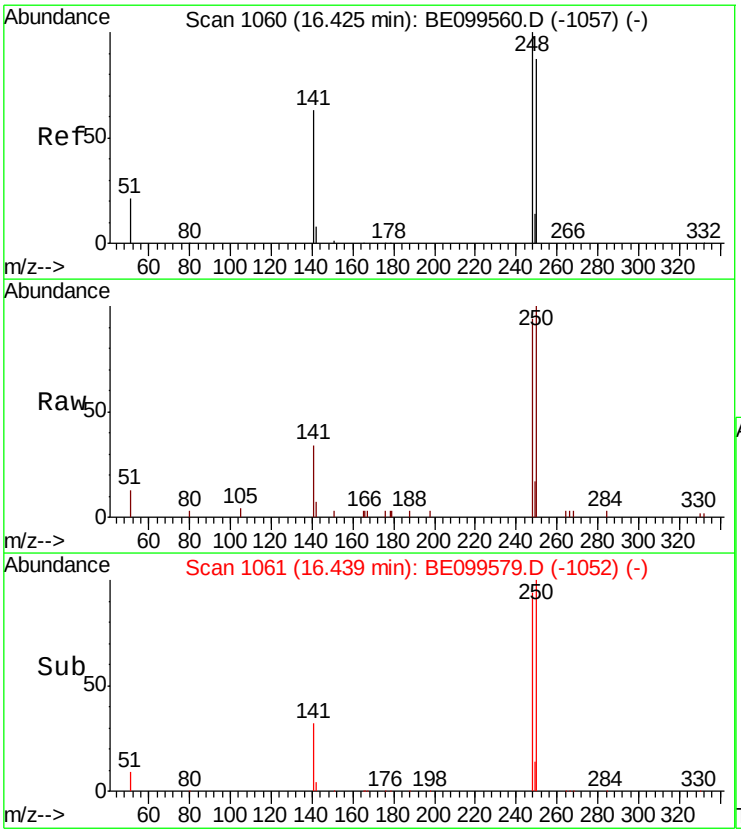
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11789

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	4.6	7.0#

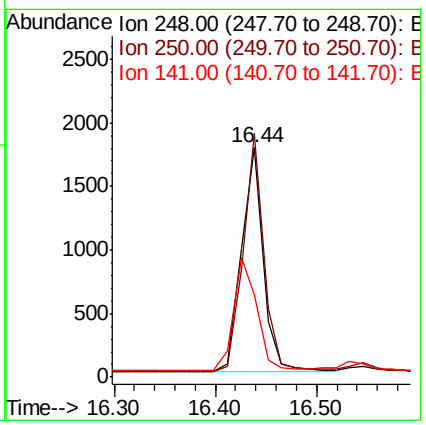


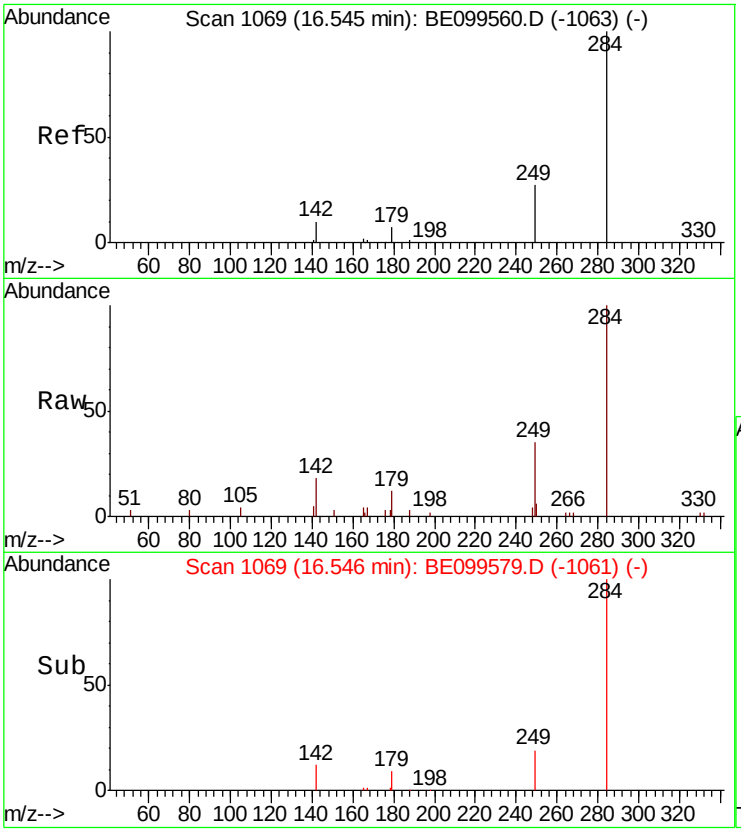


#20
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:248 Resp: 2660

Ion	Ratio	Lower	Upper
248	100		
250	106.2	70.0	105.0#
141	35.8	51.8	77.8#



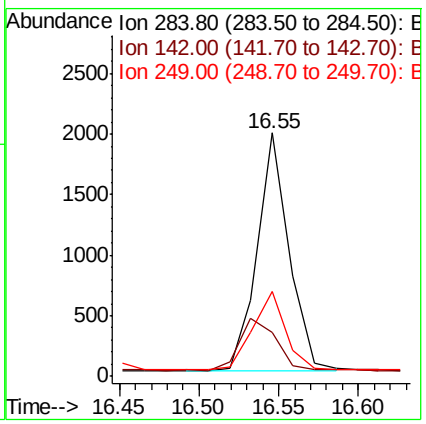


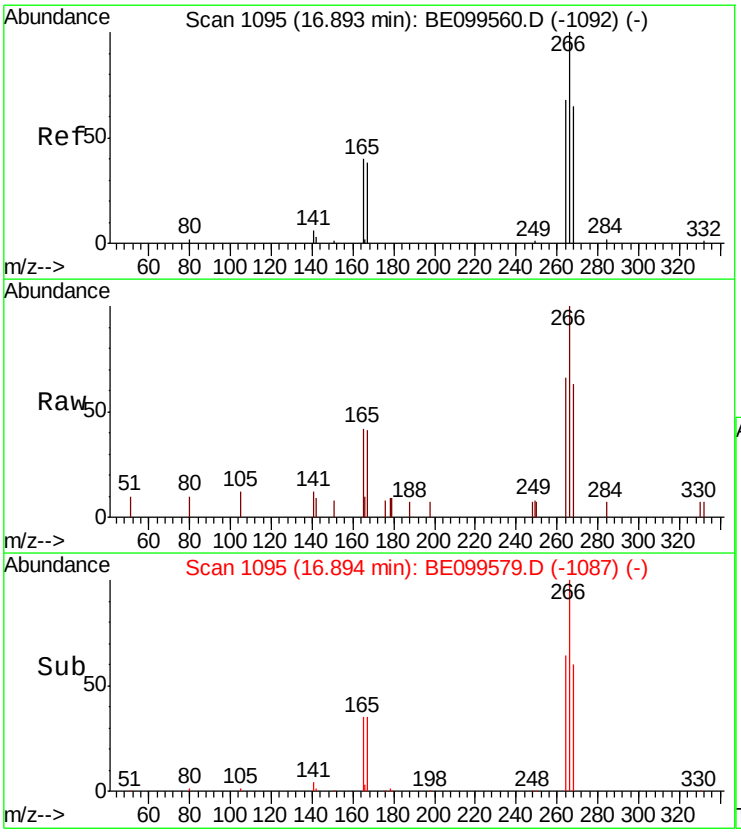
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2740

Ion	Ratio	Lower	Upper
284	100		
142	24.9	19.5	29.3
249	33.8	26.2	39.2

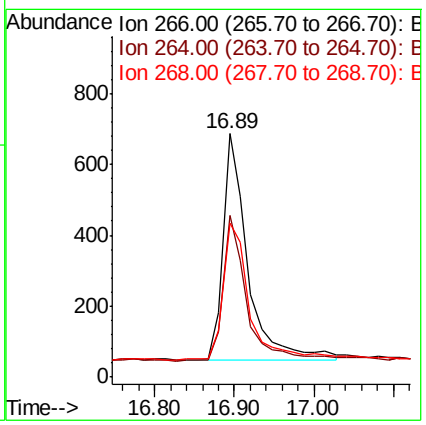


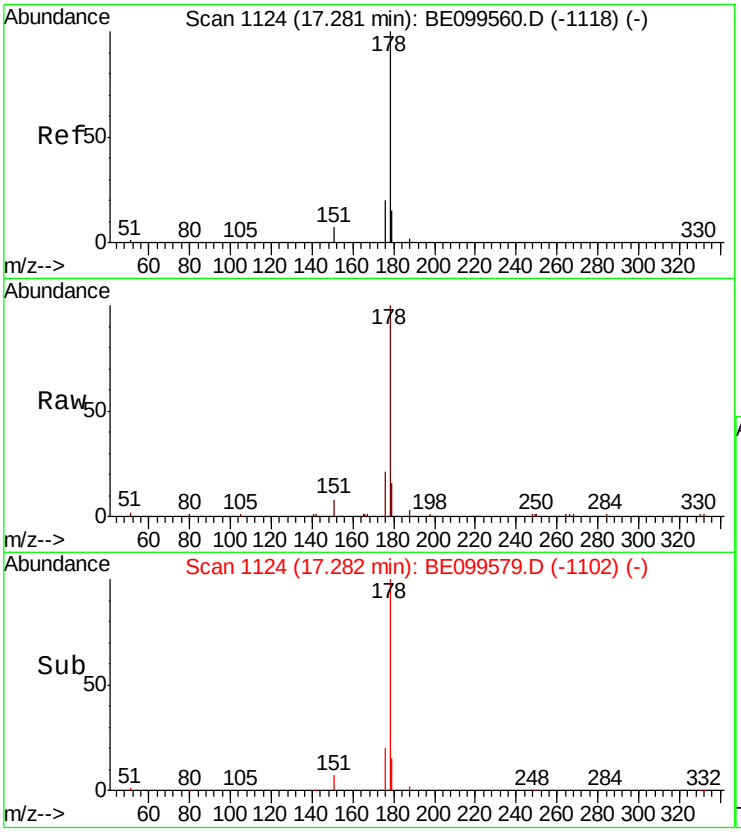


#22
Pentachlorophenol
Concen: 0.504 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:266 Resp: 1382

Ion	Ratio	Lower	Upper
266	100		
264	66.4	56.6	84.8
268	63.3	55.8	83.8



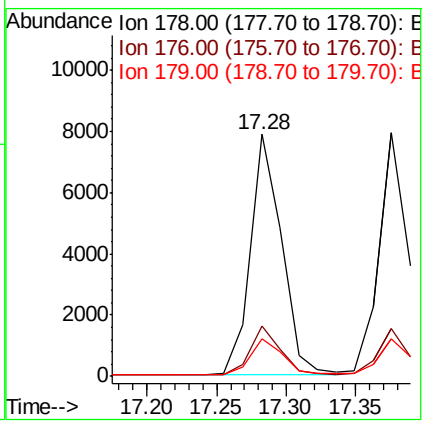


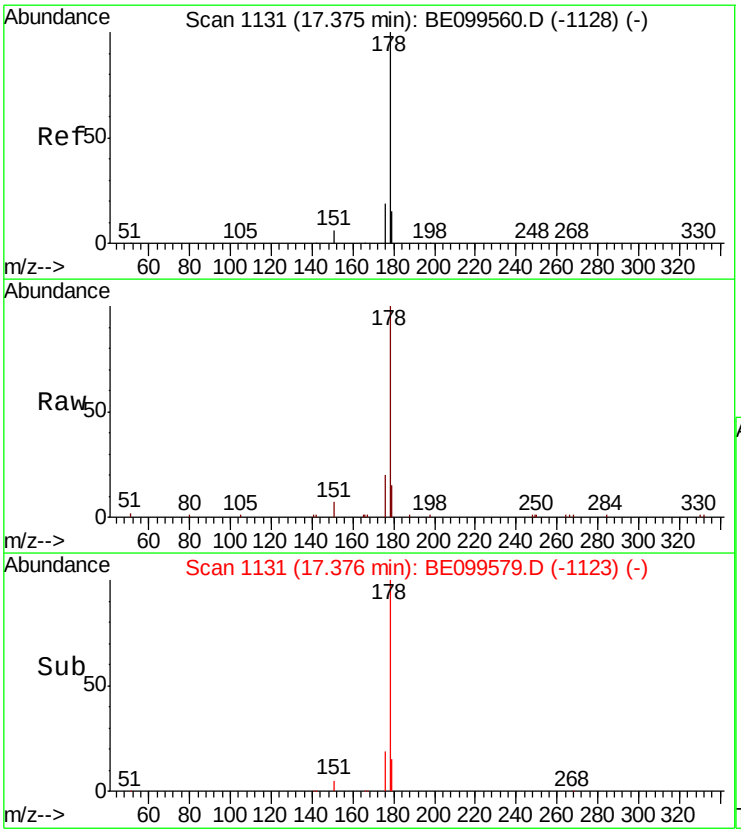
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12213

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.4	12.5	18.7

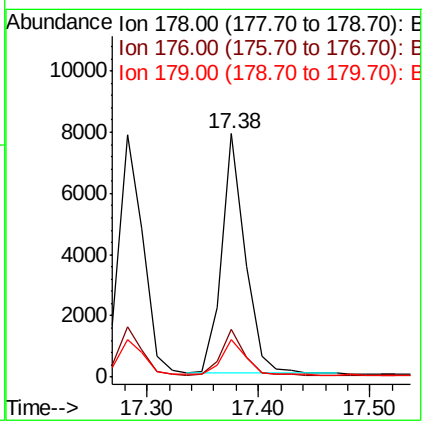


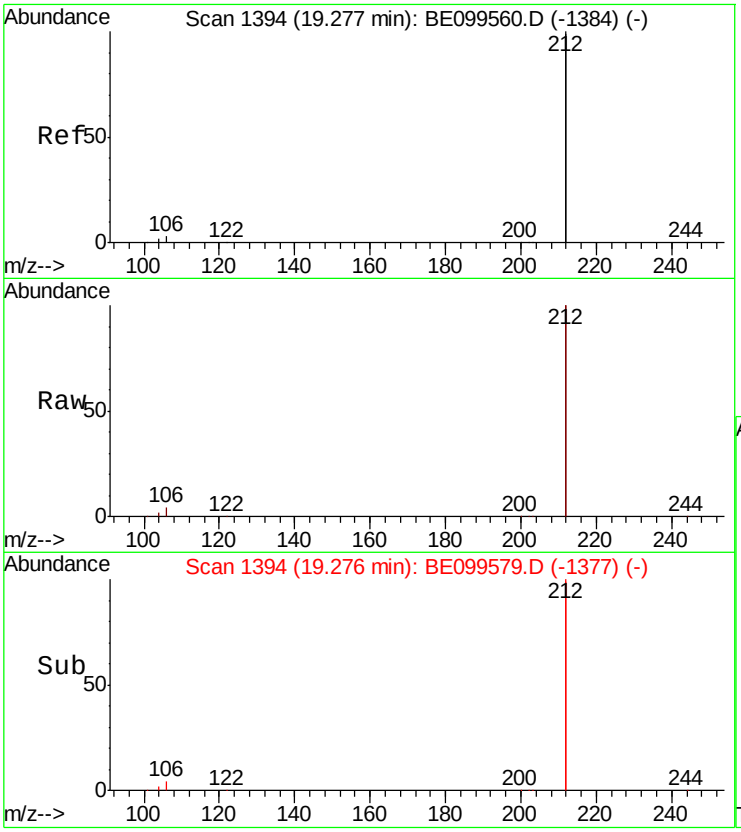


#24
Anthracene
Concen: 0.412 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:178 Resp: 11524

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.2	18.4



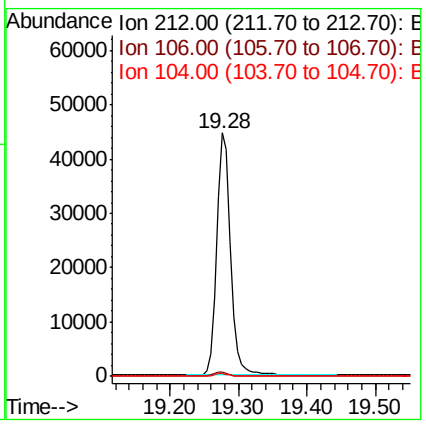


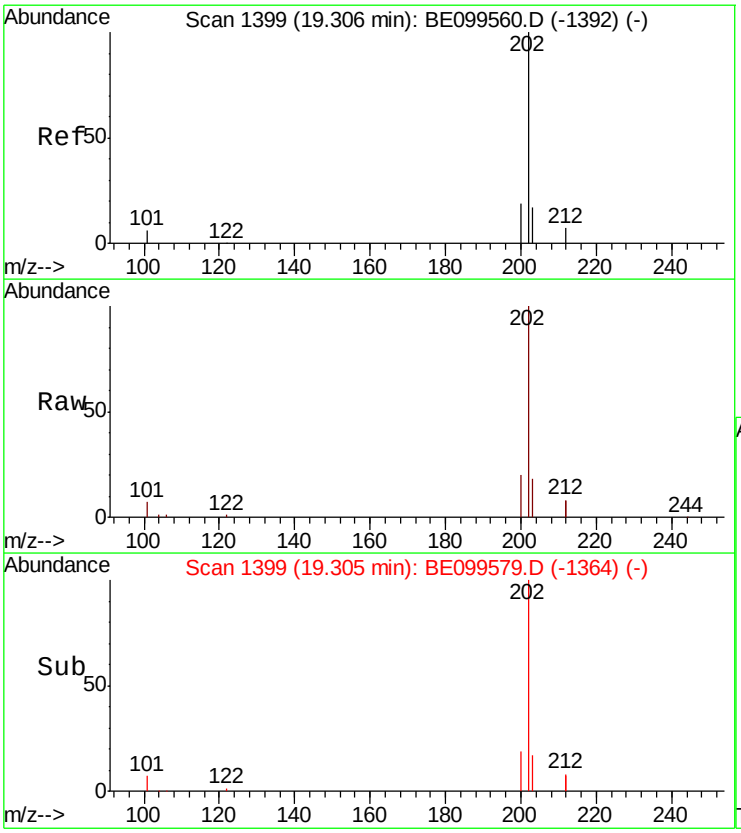
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 64009

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

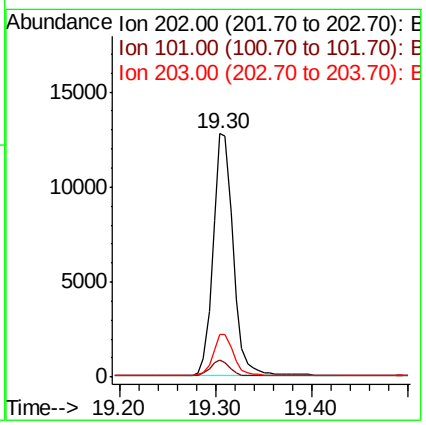


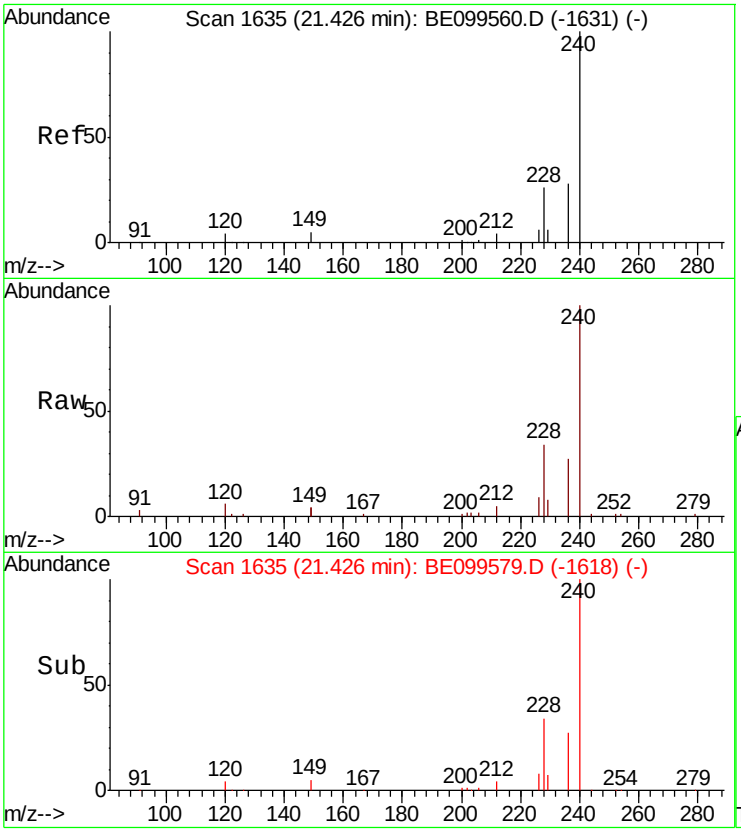


#26
Fluoranthene
Concen: 0.417 ng
RT: 19.30 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:202 Resp: 18643

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	17.0	13.4	20.2



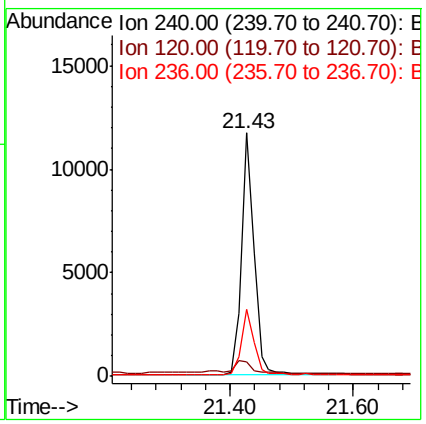


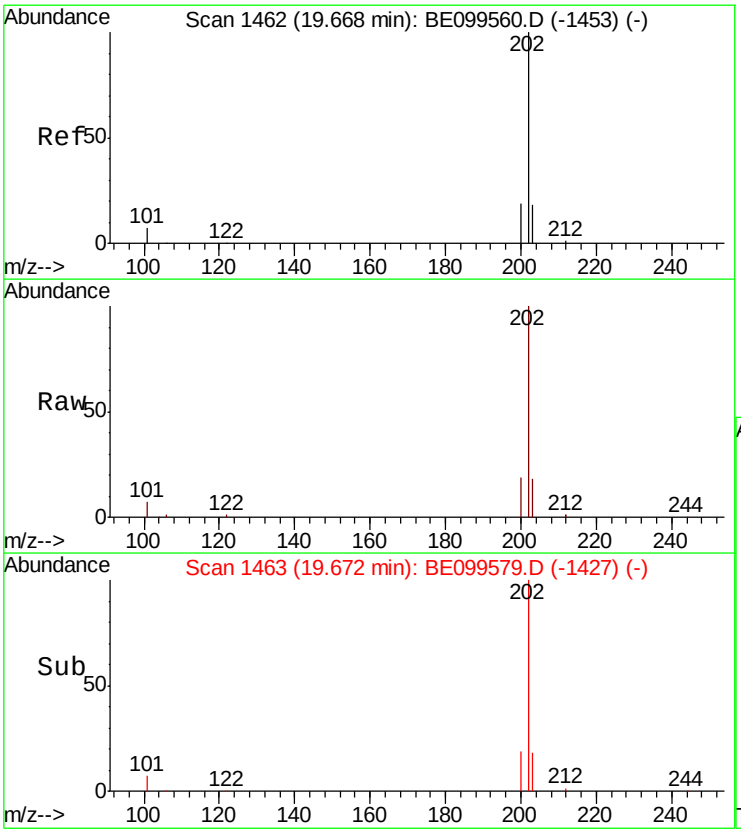
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16278

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.8	5.6#
236	27.5	22.5	33.7

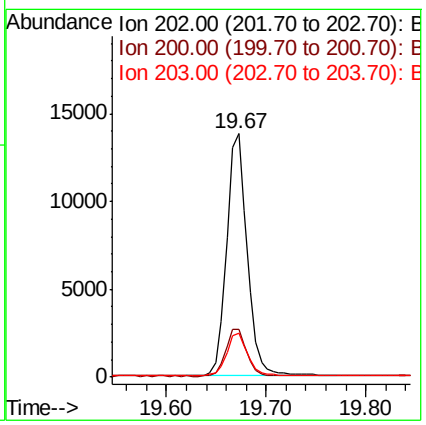


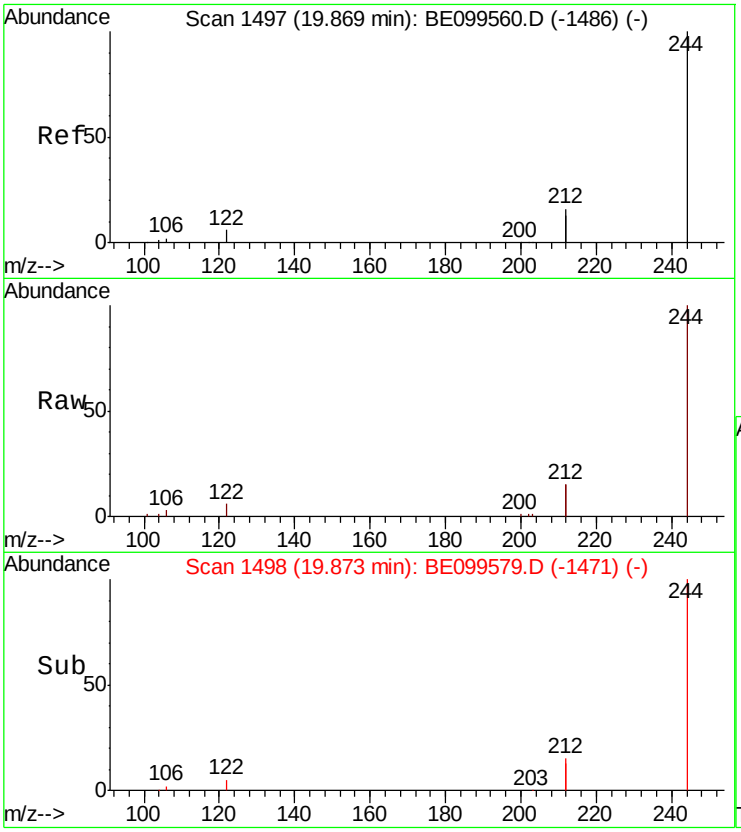


#28
Pyrene
Concen: 0.450 ng
RT: 19.67 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:202 Resp: 19614

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.9	14.1	21.1



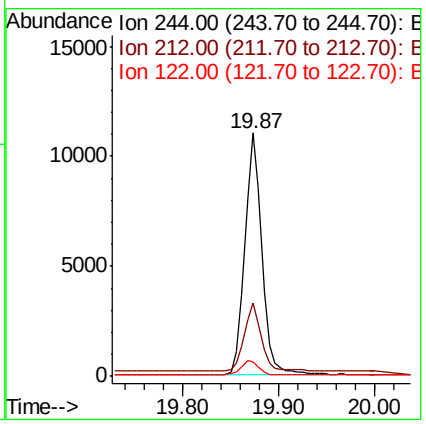


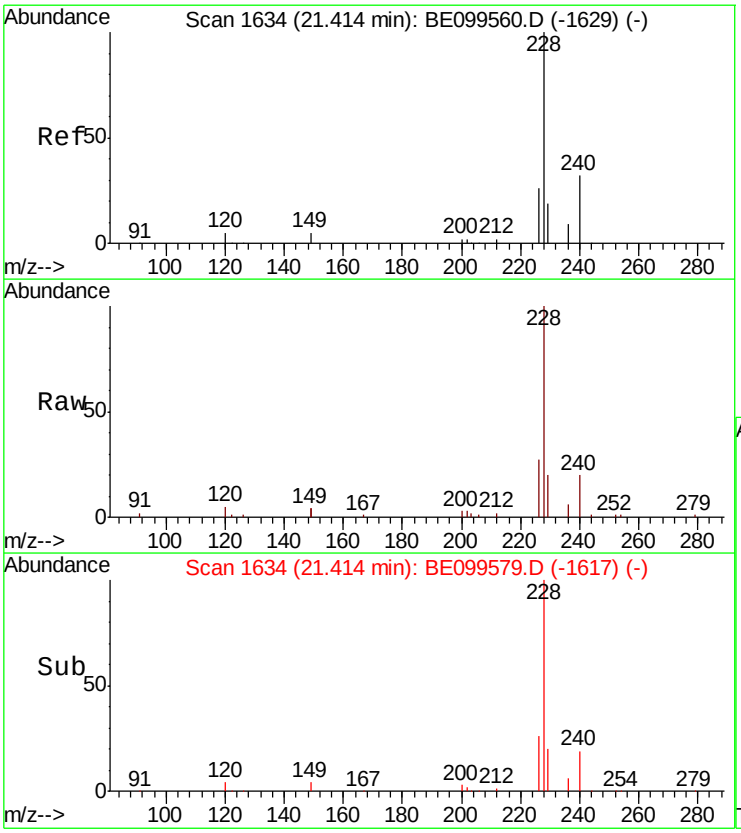
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.87 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13611

Ion	Ratio	Lower	Upper
244	100		
212	30.3	24.6	37.0
122	6.1	5.0	7.6

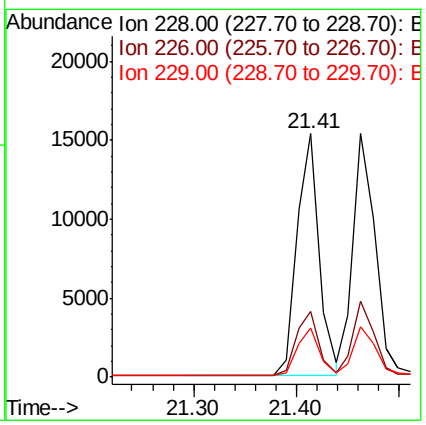


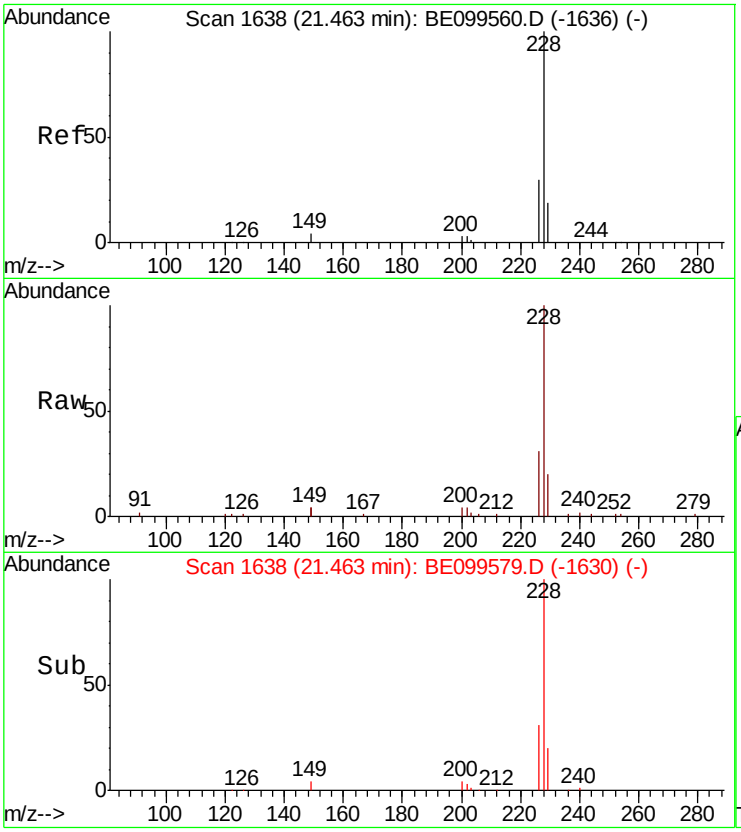


#30
Benzo(a)anthracene
Concen: 0.458 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:228 Resp: 23078

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.9	31.3
229	20.4	16.1	24.1



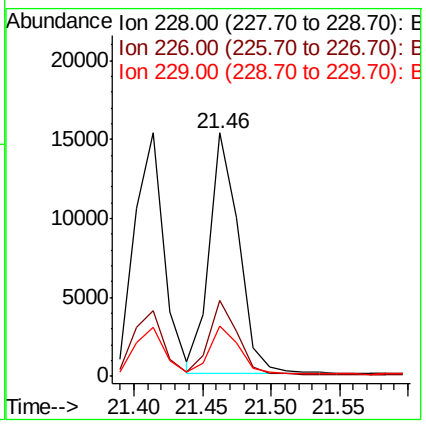


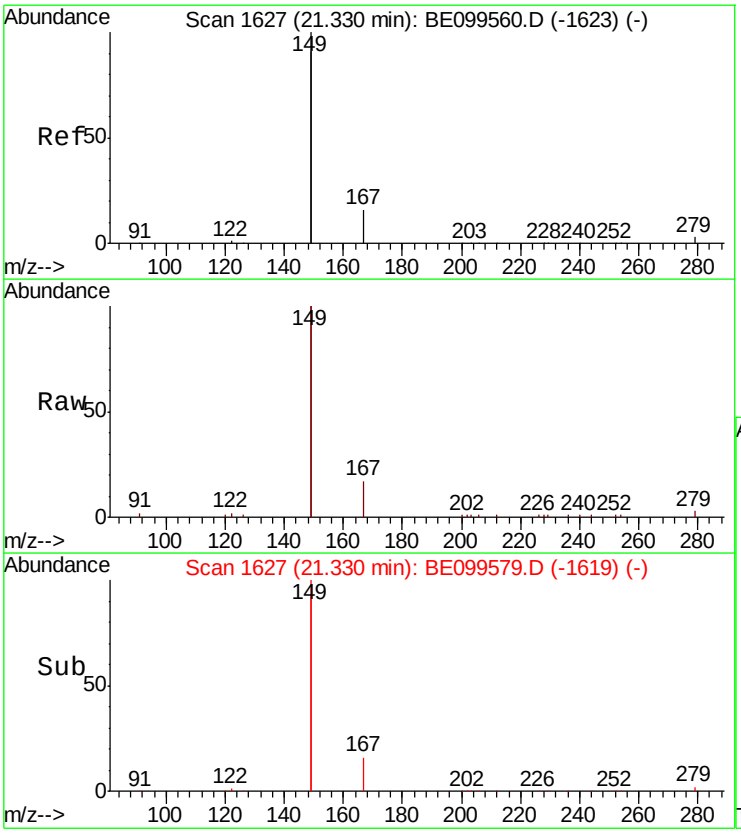
#31
Chrysene
Concen: 0.453 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22549

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	20.5	15.8	23.6

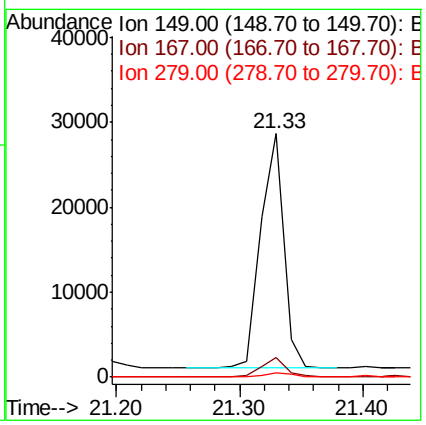


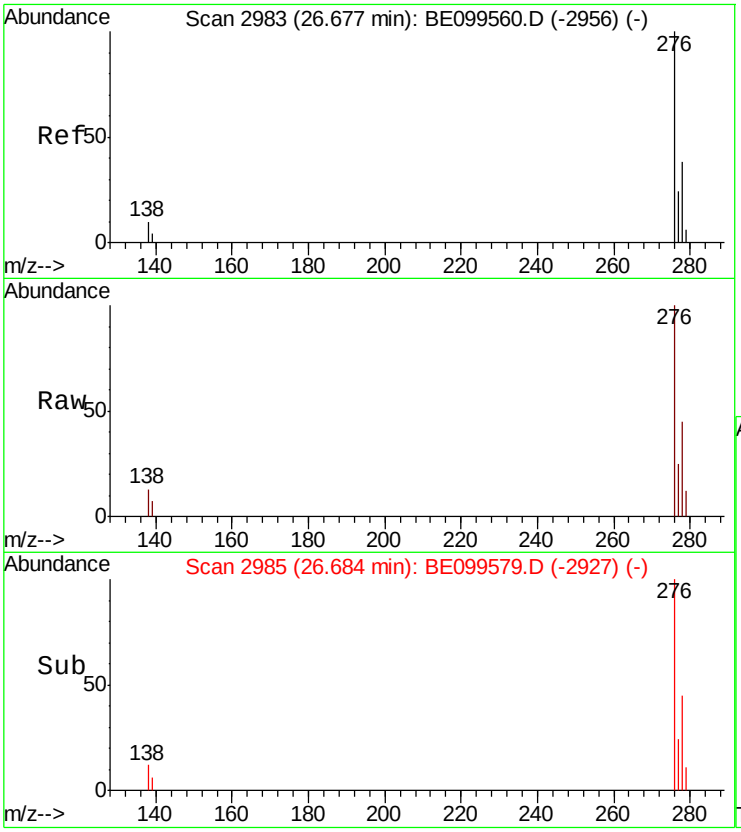


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.455 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:149 Resp: 36348

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.5	1.3	1.9



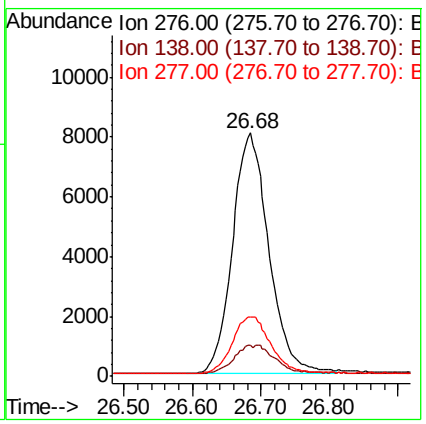


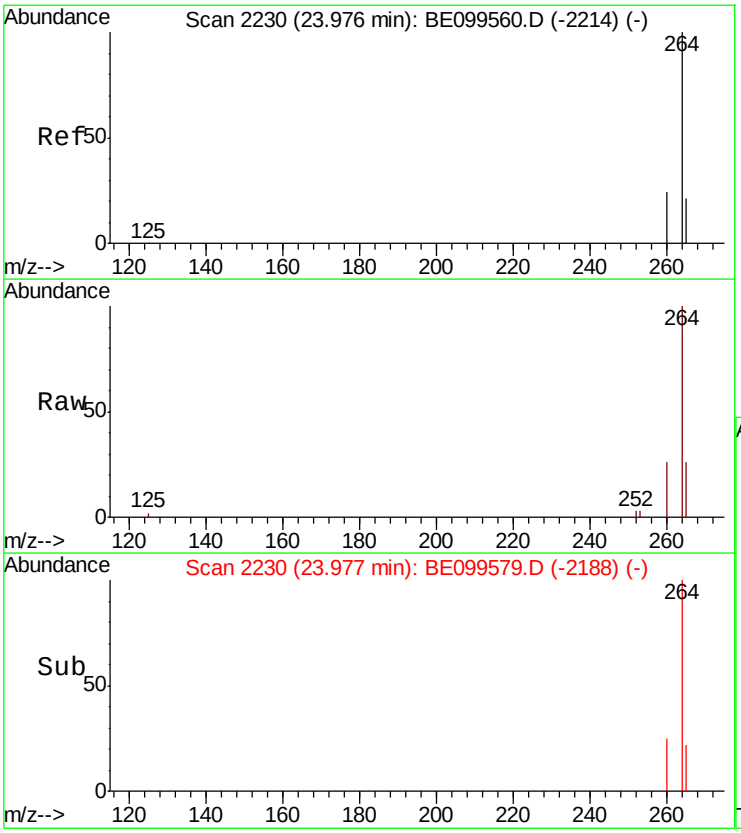
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.501 ng
RT: 26.68 min Scan# 2985
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29616

Ion	Ratio	Lower	Upper
276	100		
138	6.2	9.5	14.3#
277	24.8	19.7	29.5

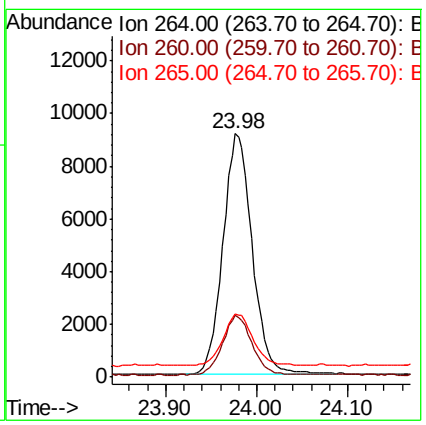


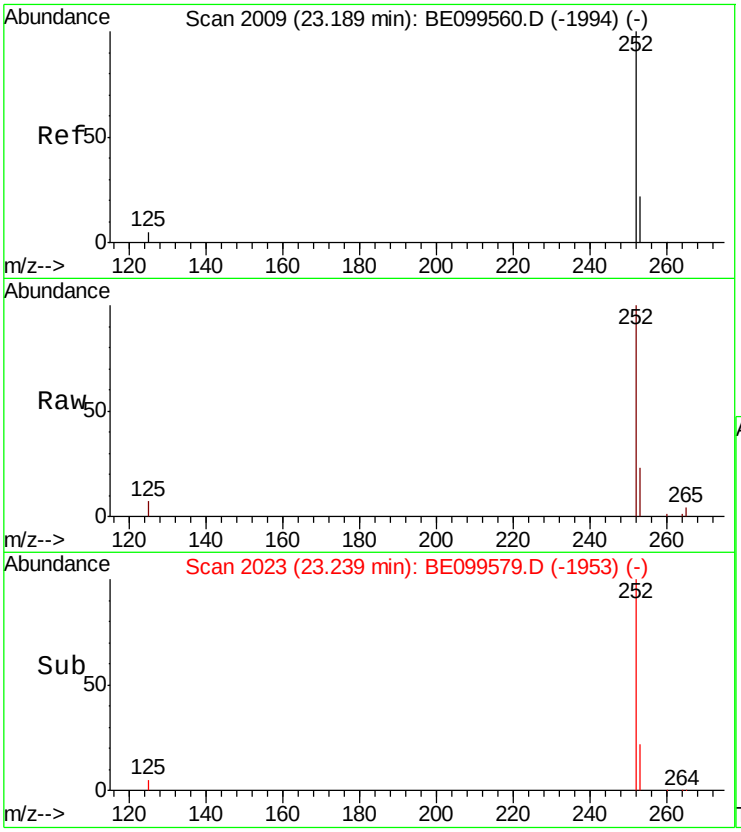


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:264 Resp: 20513

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.9	29.9
265	26.1	22.2	33.2



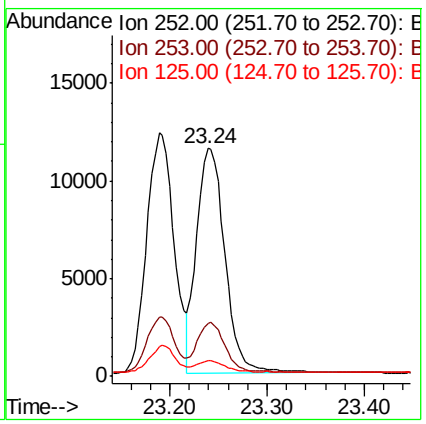


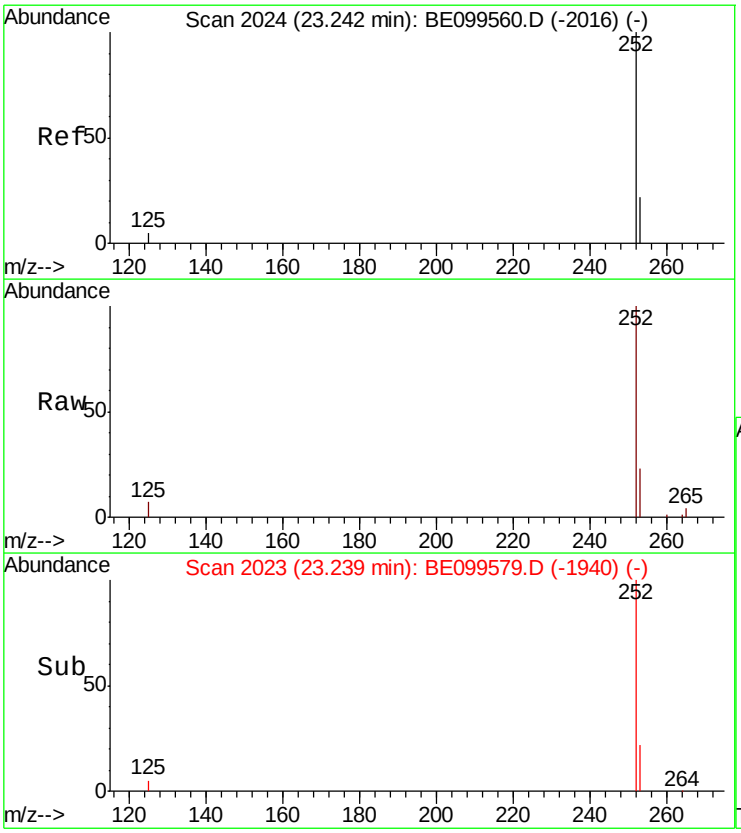
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.24 min Scan# 2023
Delta R.T. 0.05 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23203

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	6.7	5.8	8.6

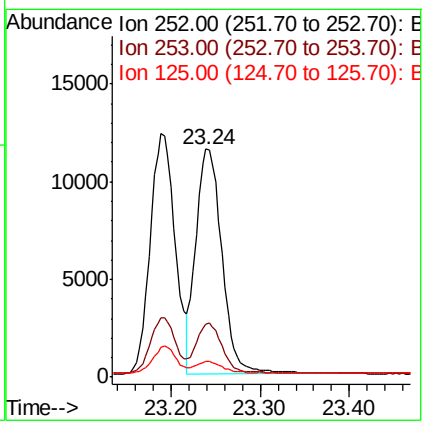


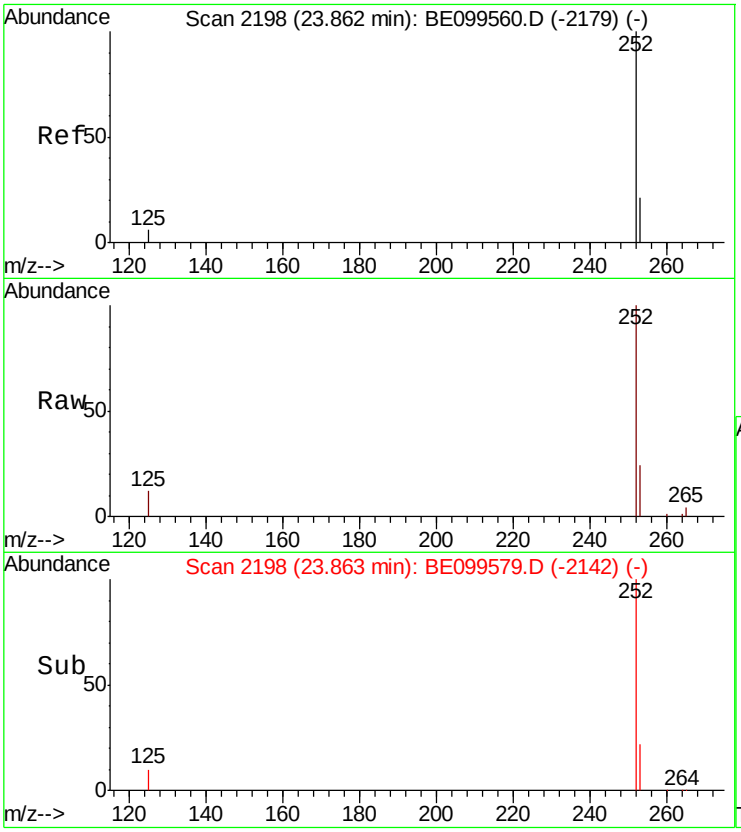


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 23.24 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:252 Resp: 23301

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.1	28.7
125	6.7	5.8	8.6



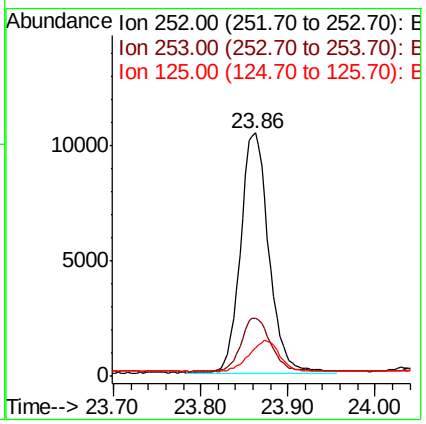


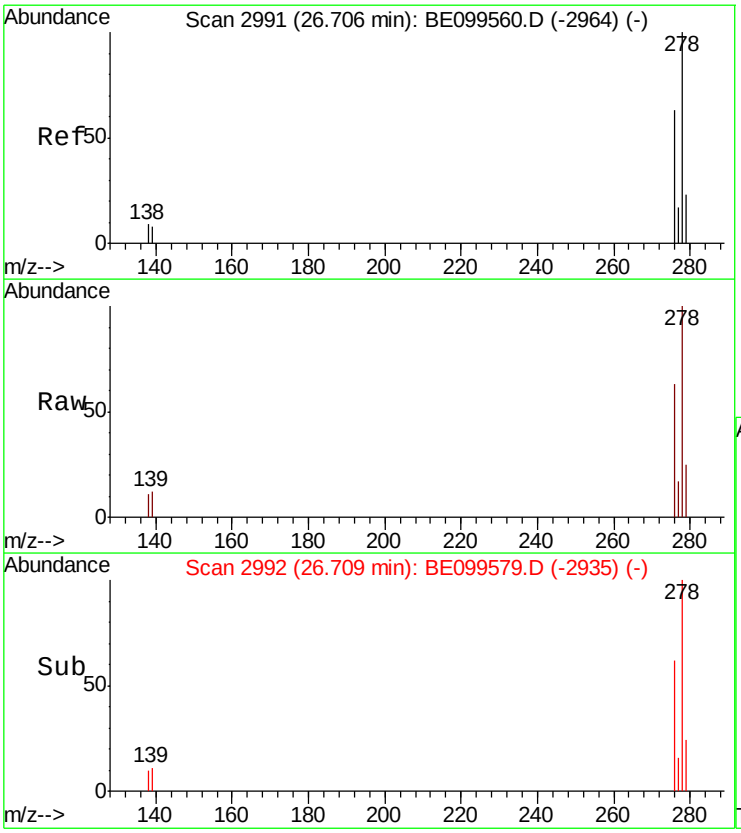
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23390

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	11.6	6.6	9.8#

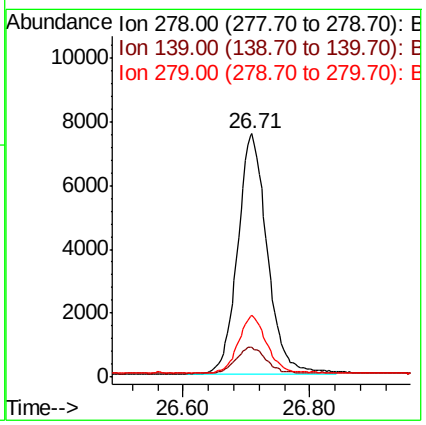


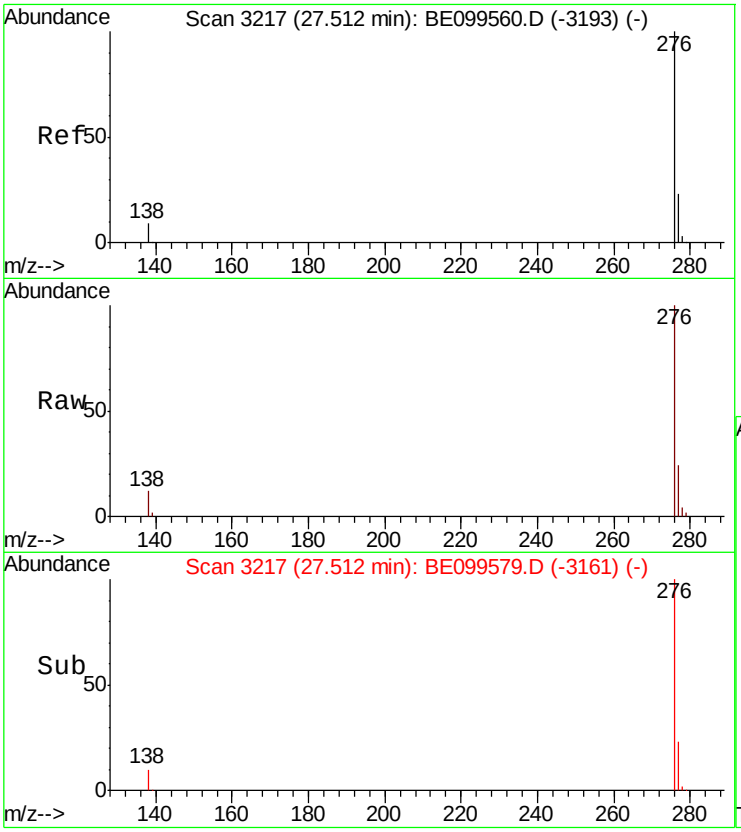


#38
Dibenzo(a,h)anthracene
Concen: 0.435 ng
RT: 26.71 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:278 Resp: 24541

Ion	Ratio	Lower	Upper
278	100		
139	12.4	7.7	11.5#
279	25.3	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.51 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24246

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	11.5	8.6	12.8