Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099379.D
Acq On : 26 Apr 2019 15:43
Operator : JU/SJ
Sample : K2533-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-023-B183-042219

Quant Time: Apr 27 05:06:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3101	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	12001	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	8395	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	22579	0.40	ng		0.00
27) Chrysene-d12	21.37	240	26536	0.40	ng		0.00
34) Perylene-d12	23.87	264	29950	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	4408	0.58	ng		0.01
5) Phenol-d6	6.98	99	6513	0.60	ng		0.00
8) Nitrobenzene-d5	8.98	82	5898	0.63	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	10525	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2500	0.90	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	15443	0.47	ng		0.00
25) Fluoranthene-d10	19.22	212	130235	0.48	ng		0.00
29) Terphenyl-d14	19.82	244	22653	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	169	0.039	ng	#	29
3) n-Nitrosodimethylamine	3.62	42	113	0.048	ng	#	1
9) Naphthalene	10.65	128	5464	0.042	ng	#	95
12) 2-Methylnaphthalene	12.28	142	883	0.040	ng	#	94
16) Acenaphthylene	14.18	152	2834	0.075	ng	#	87
17) Acenaphthene	14.53	154	1053	0.045	ng		98
18) Fluorene	15.50	166	1362	0.041	ng	#	90
22) Pentachlorophenol	16.84	266	259	0.274	ng	#	82
23) Phenanthrene	17.23	178	31810	0.532	ng		99
24) Anthracene	17.32	178	5008	0.094	ng	#	93
26) Fluoranthene	19.25	202	86915	1.086	ng		98
28) Pyrene	19.62	202	89018	1.139	ng	#	95
30) Benzo(a)anthracene	21.35	228	60886	0.780	ng	#	92
31) Chrysene	21.40	228	60195	0.725	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.27	149	98561	1.388	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	32413	0.395	ng	#	93
35) Benzo(b)fluoranthene	23.10	252	82626	0.901	ng	#	85
36) Benzo(k)fluoranthene	23.10	252	82626	0.904	ng	#	87
37) Benzo(a)pyrene	23.75	252	54088	0.658	ng	#	85
38) Dibenzo(a,h)anthracene	26.54	278	8317	0.099	ng	#	35
39) Benzo(g,h,i)perylene	27.34	276	31100	0.365	ng	#	87

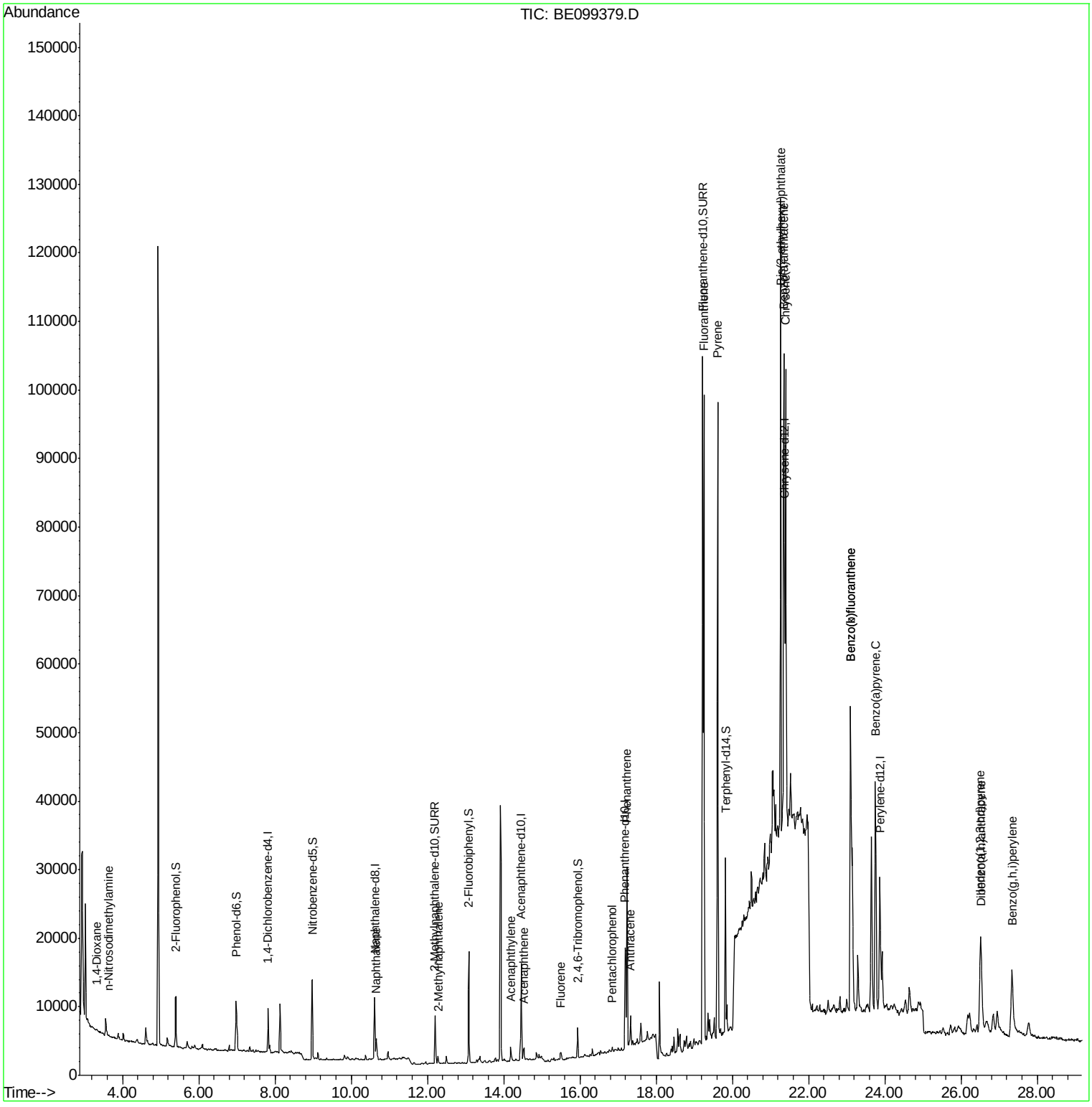
(#) = qualifier out of range (m) = manual integration (+) = signals summed

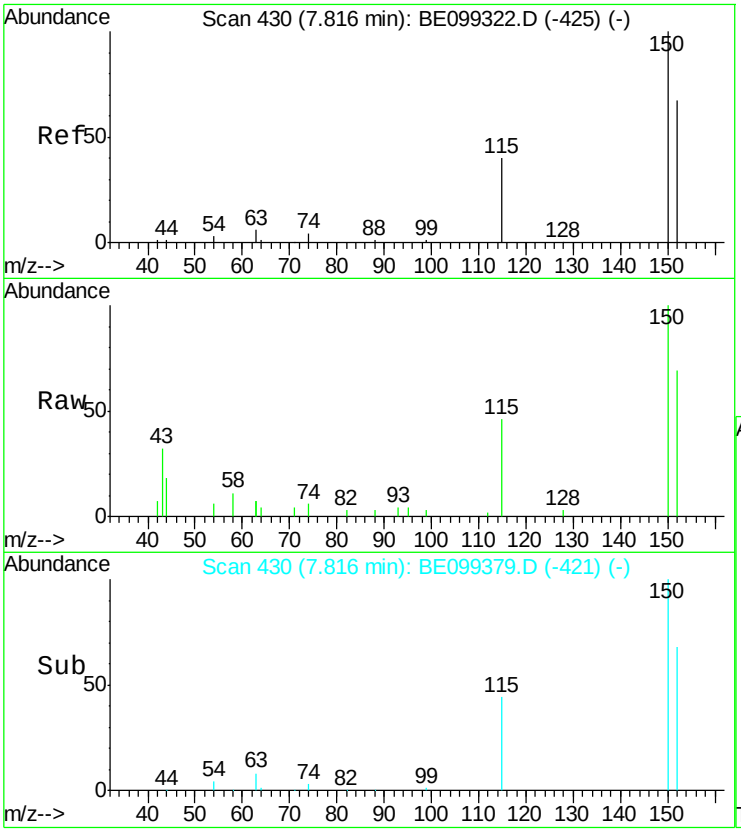
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099379.D
Acq On : 26 Apr 2019 15:43
Operator : JU/SJ
Sample : K2533-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Quant Time: Apr 27 05:06:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



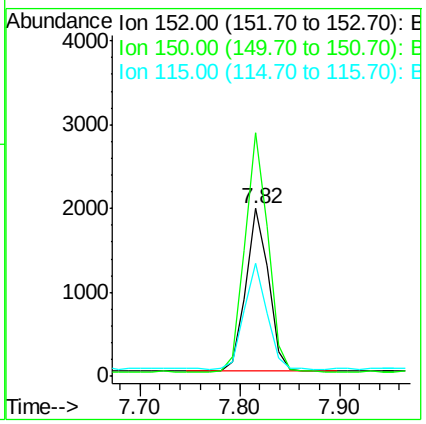


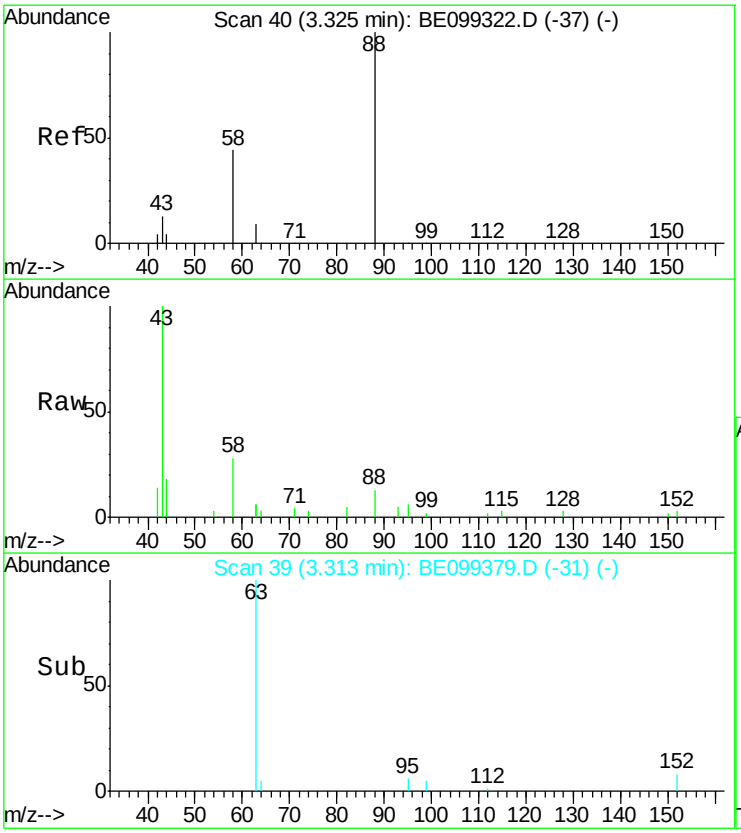
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:152 Resp: 3101

Ion	Ratio	Lower	Upper
152	100		
150	145.0	119.5	179.3
115	67.3	47.5	71.3

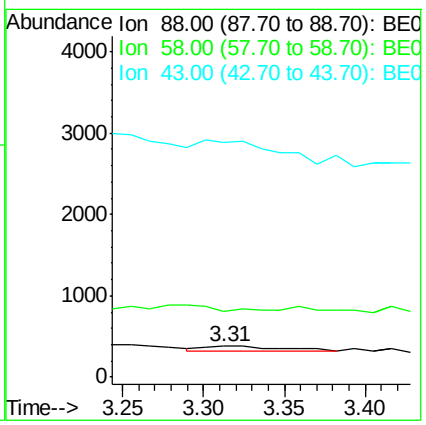


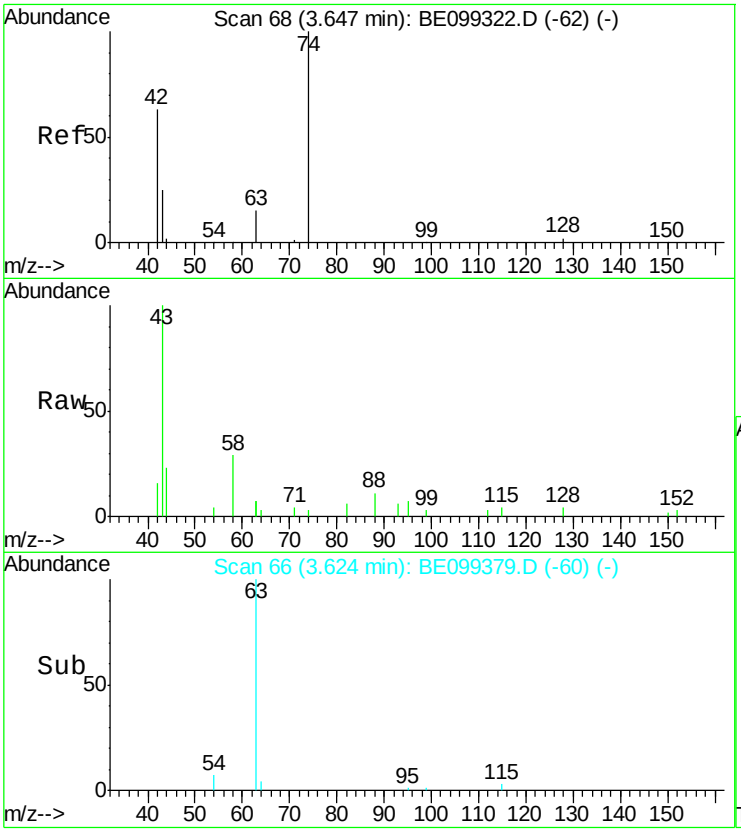


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion: 88 Resp: 169

Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.1	73.7#
43	0.0	17.9	26.9#



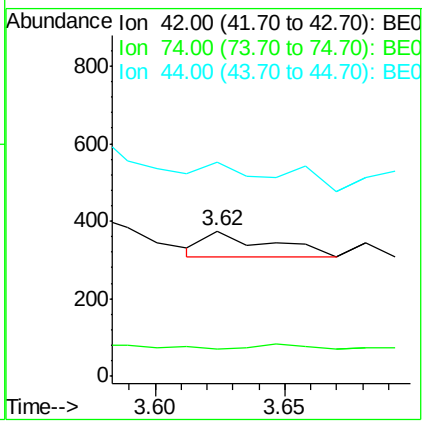


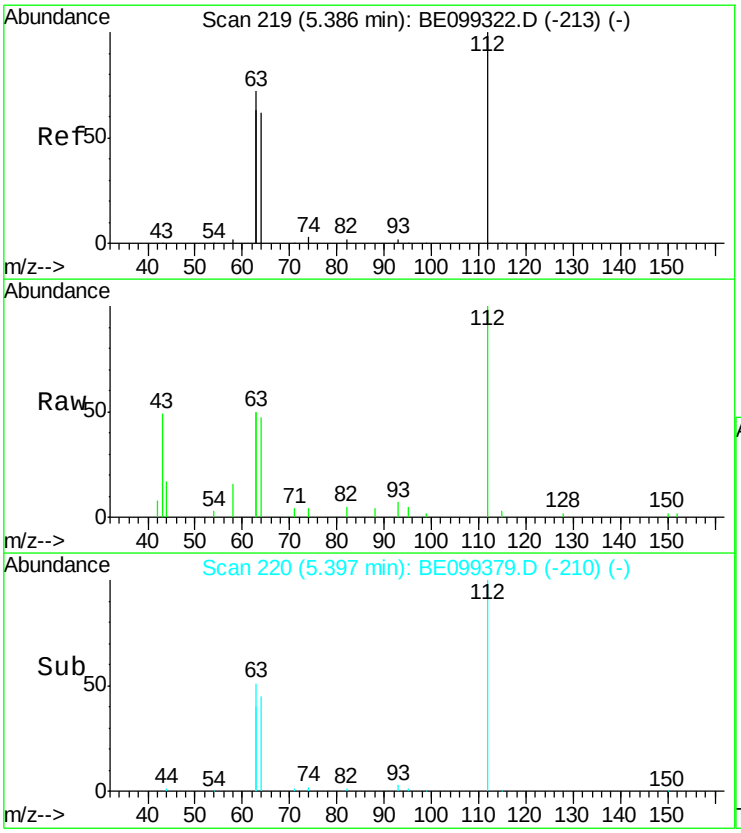
#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.03 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	0.0	145.8	218.8#
44	0.0	9.0	13.4#

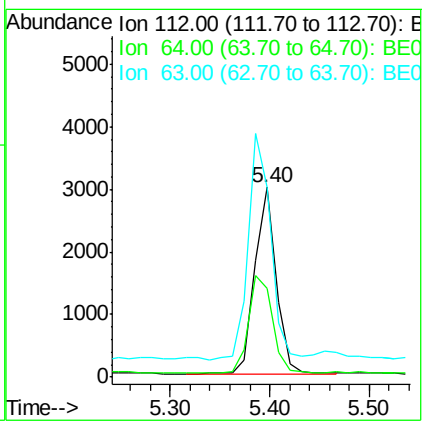


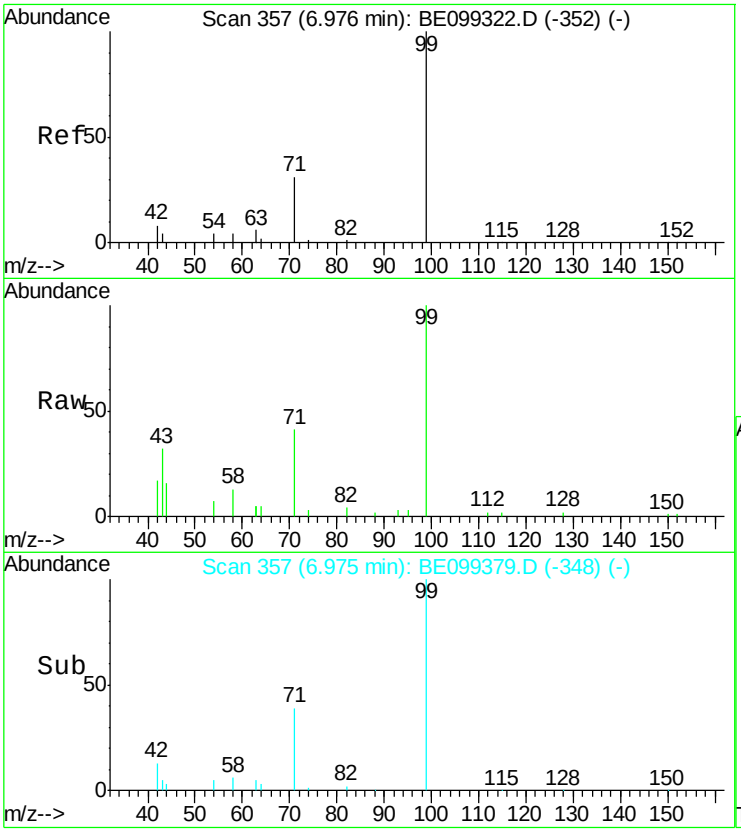


#4
2-Fluorophenol
Concen: 0.582 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:112 Resp: 4408

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.9	67.3
63	128.6	97.4	146.0



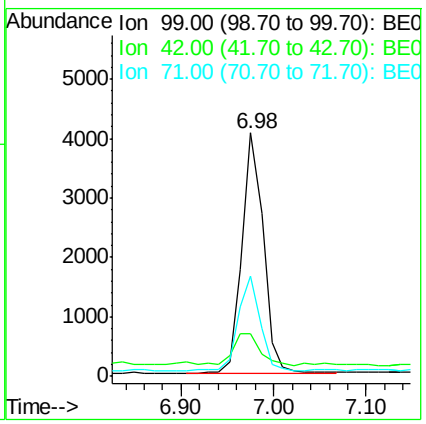


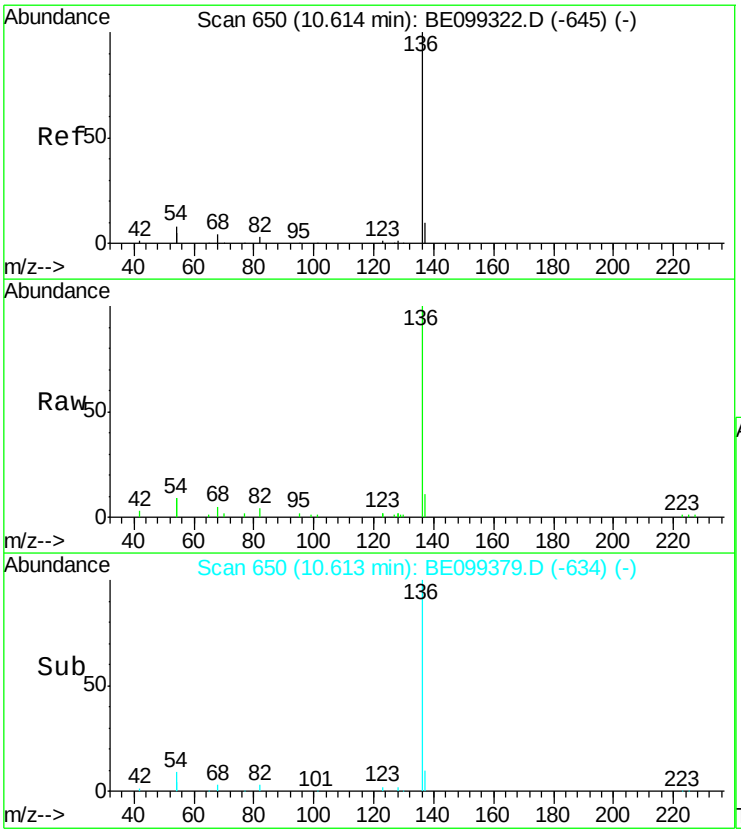
#5
Phenol-d6
Concen: 0.602 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion: 99 Resp: 6513

Ion	Ratio	Lower	Upper
99	100		
42	16.8	11.7	17.5
71	40.5	29.6	44.4

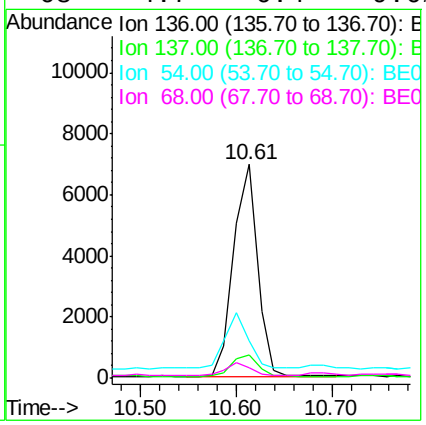


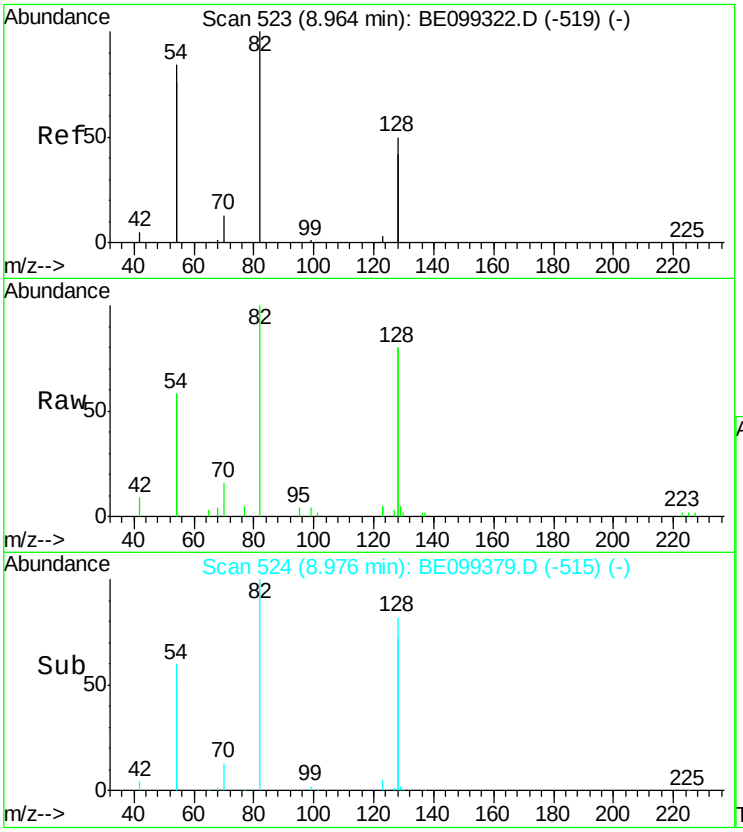


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:136 Resp: 12001

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	17.1	23.8	35.8#
68	4.7	6.4	9.6#



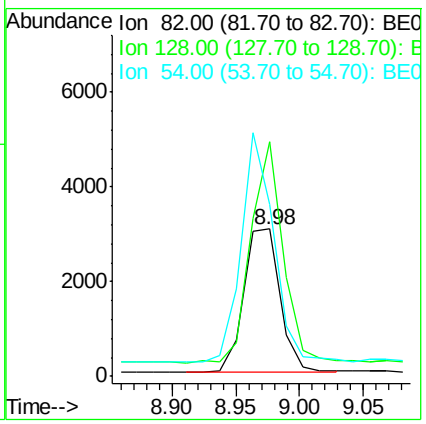


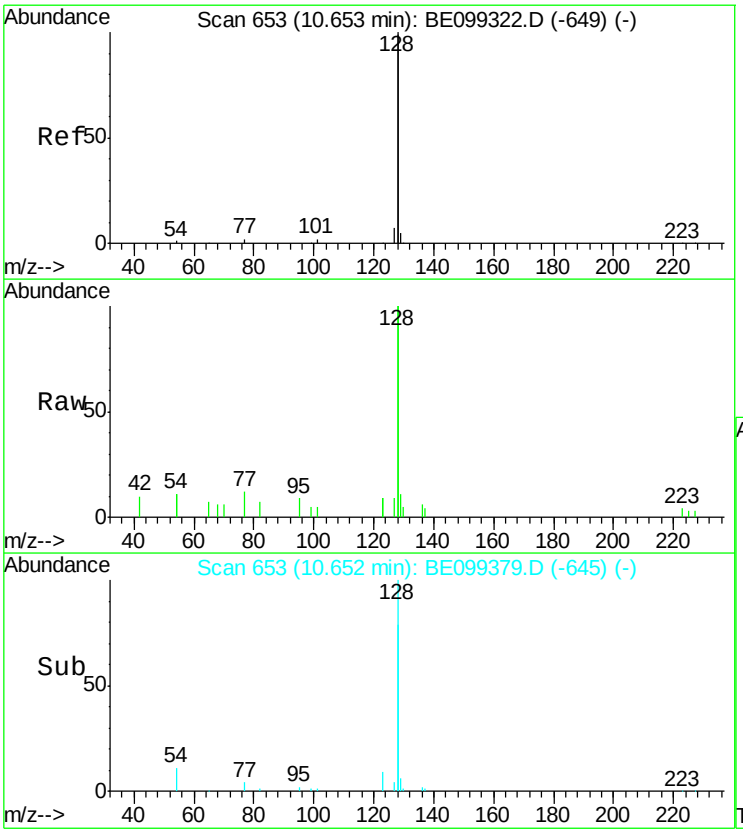
#8
Nitrobenzene-d5
Concen: 0.633 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion: 82 Resp: 5898

Ion	Ratio	Lower	Upper
82	100		
128	159.3	91.7	137.5#
54	116.2	122.8	184.2#

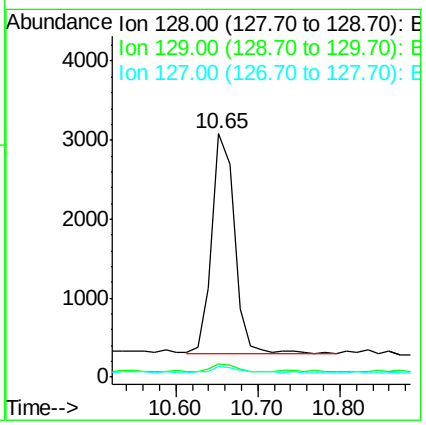


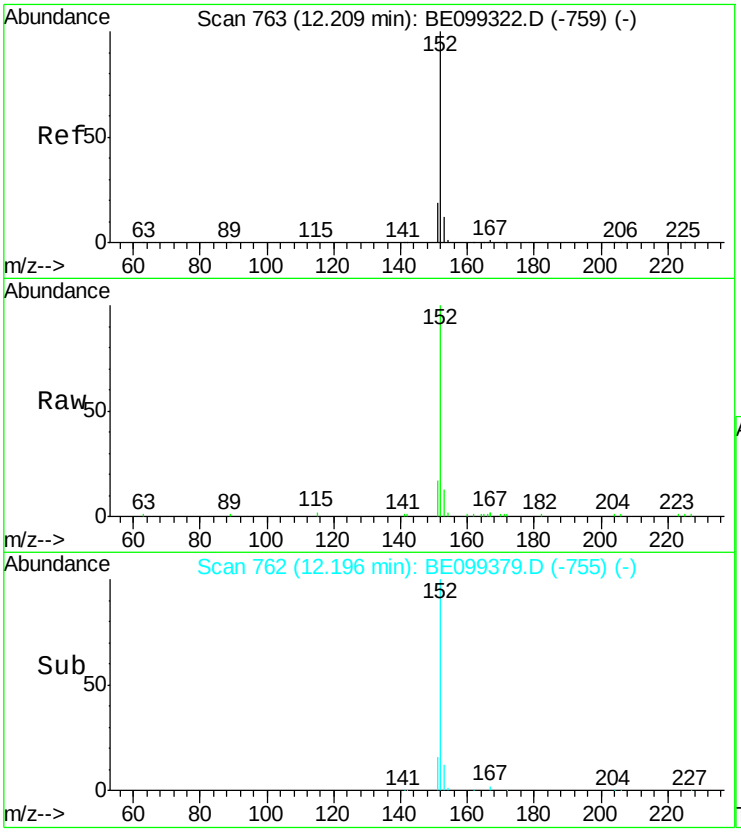


#9
Naphthalene
Concen: 0.042 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:128 Resp: 5464

Ion	Ratio	Lower	Upper
128	100		
129	5.4	2.3	3.5#
127	4.5	2.8	4.2#



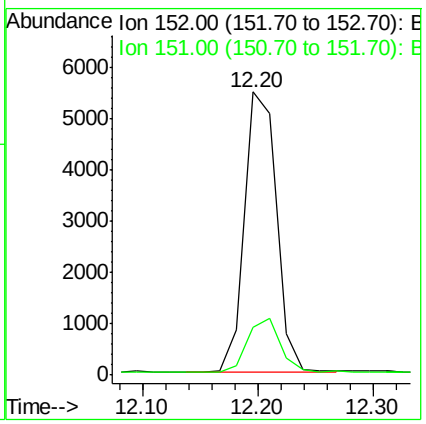


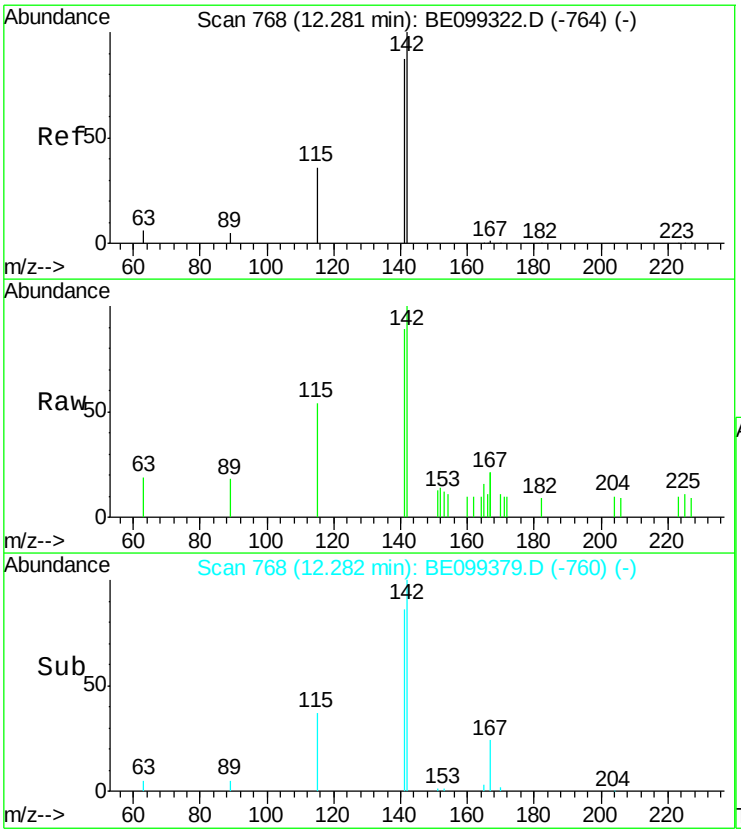
#11
2-Methylnaphthalene-d10
Concen: 0.497 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:152 Resp: 10525

Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.9	22.3

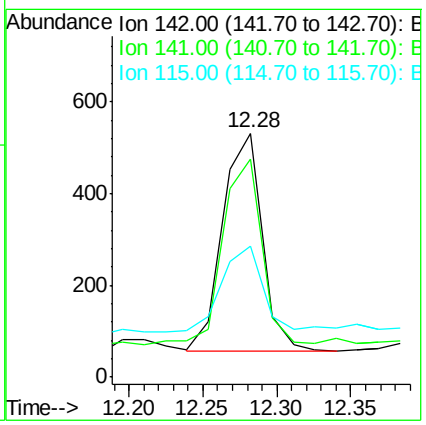


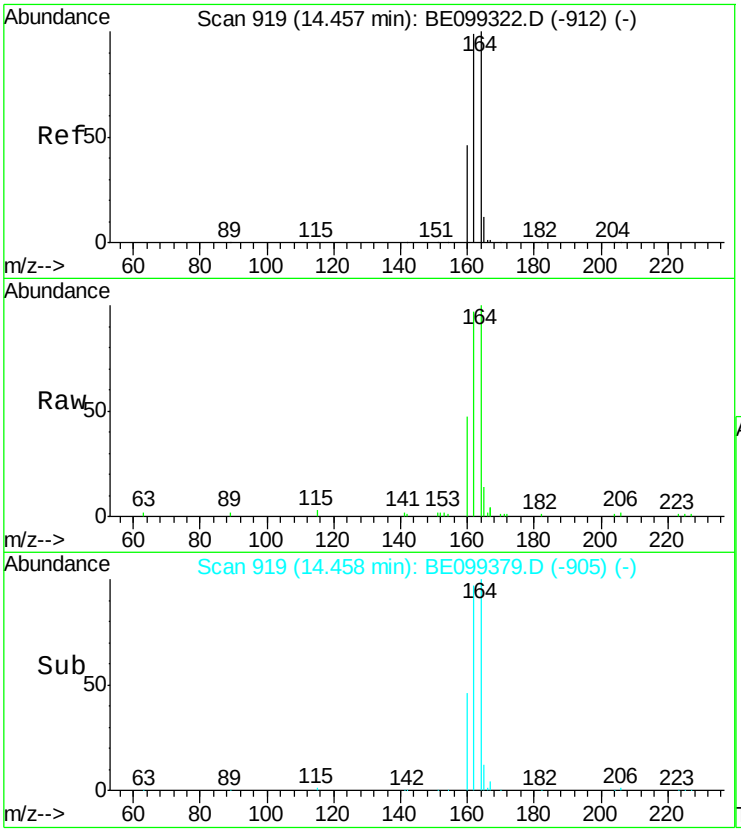


#12
2-Methylnaphthalene
Concen: 0.040 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.02 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:142 Resp: 883

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.0	108.0
115	53.7	33.4	50.0#



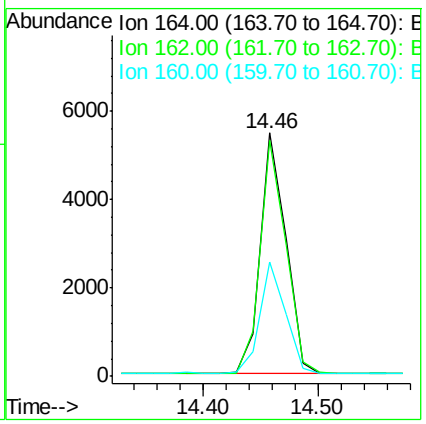


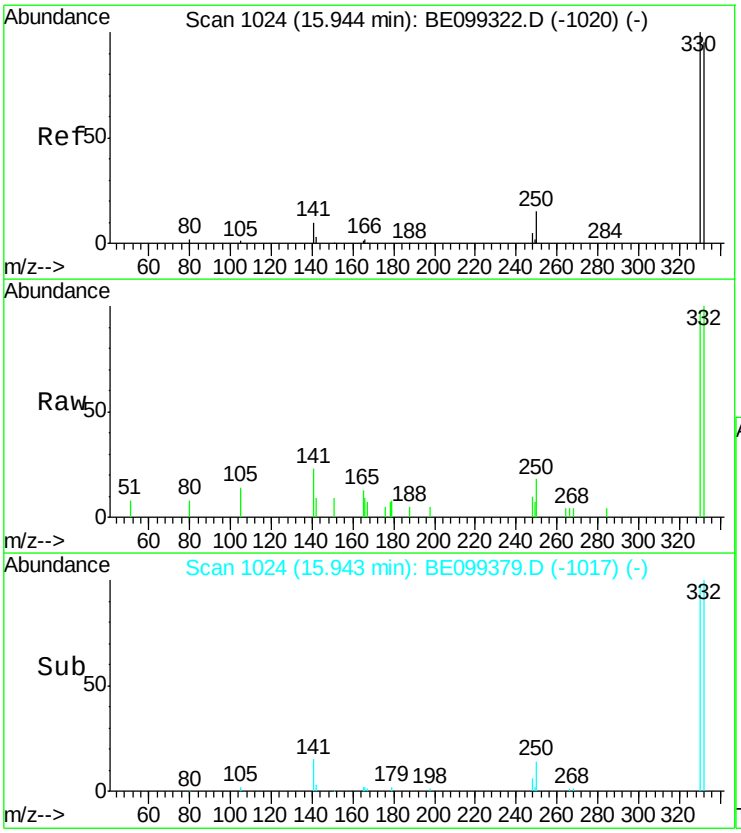
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:164 Resp: 8395

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.8	116.6
160	47.1	37.1	55.7

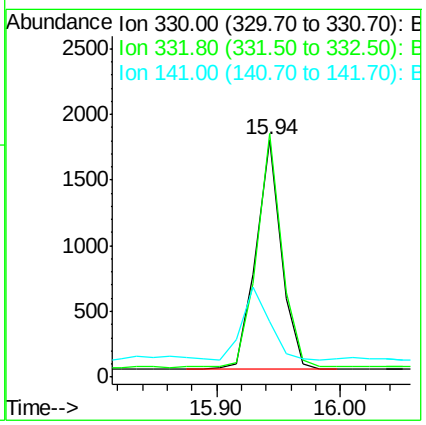


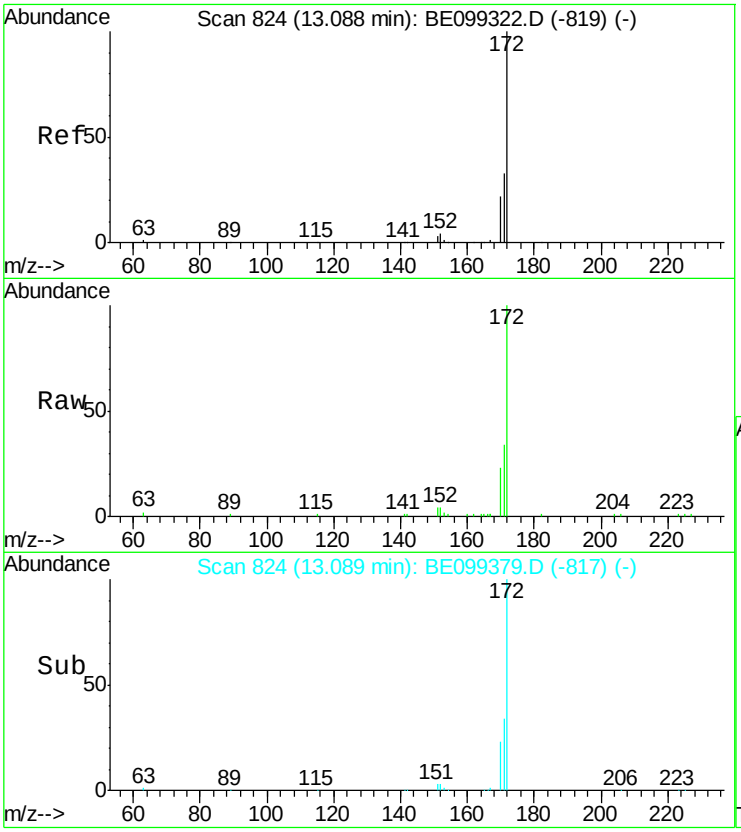


#14
2,4,6-Tribromophenol
Concen: 0.897 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:330 Resp: 2500

Ion	Ratio	Lower	Upper
330	100		
332	98.4	82.5	123.7
141	33.1	24.9	37.3



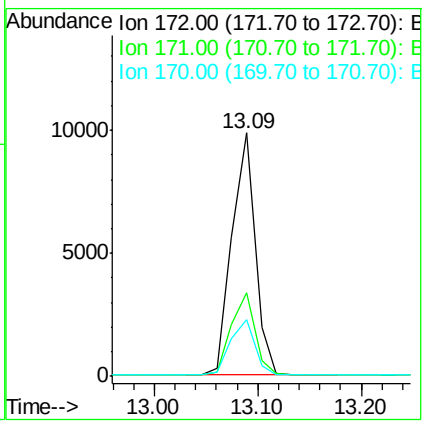


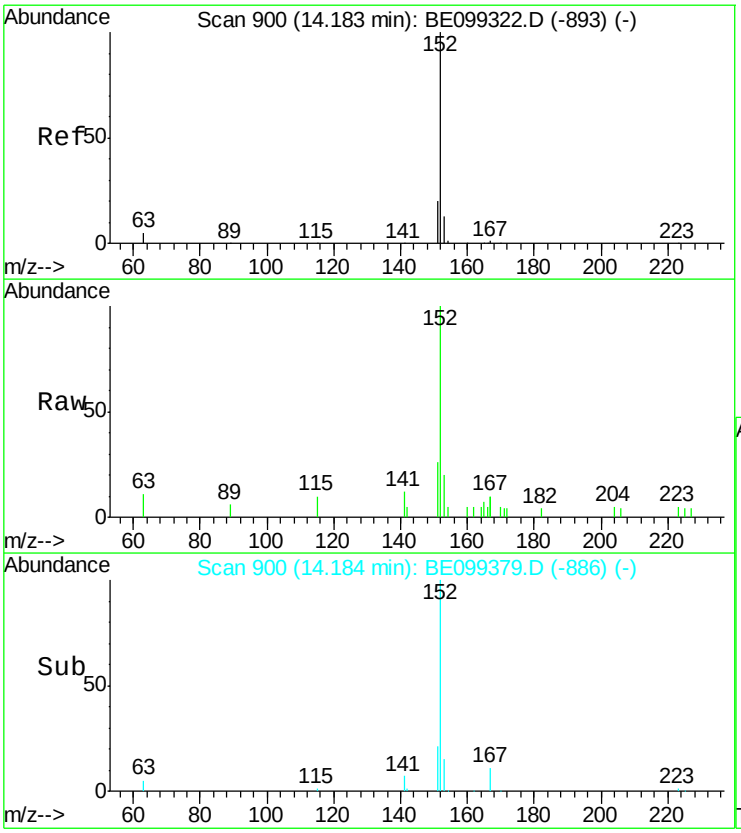
#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:172 Resp: 15443

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.2	39.2
170	23.4	18.1	27.1

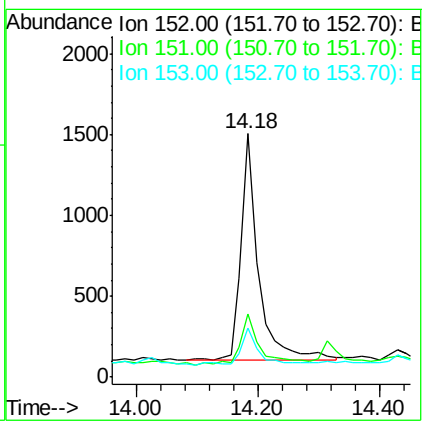


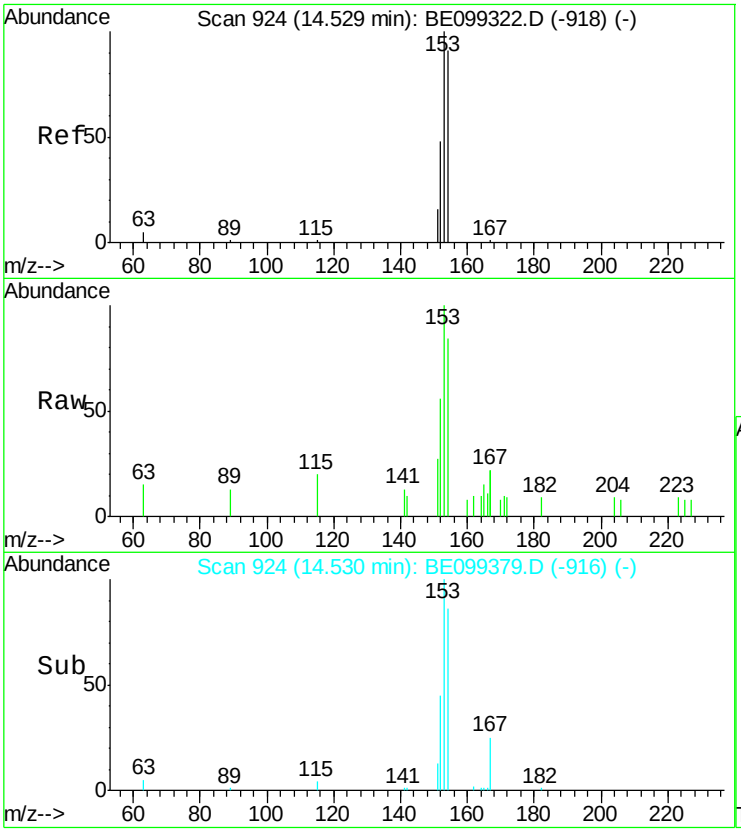


#16
Acenaphthylene
Concen: 0.075 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:152 Resp: 2834

Ion	Ratio	Lower	Upper
152	100		
151	26.2	15.5	23.3#
153	16.5	10.2	15.4#



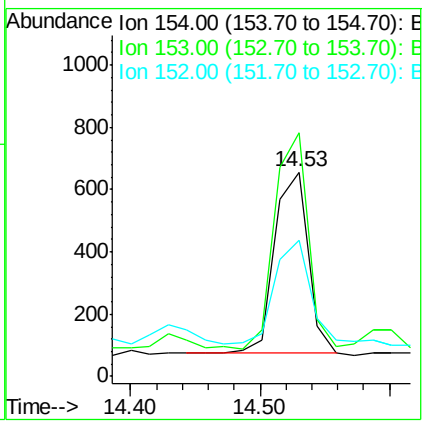


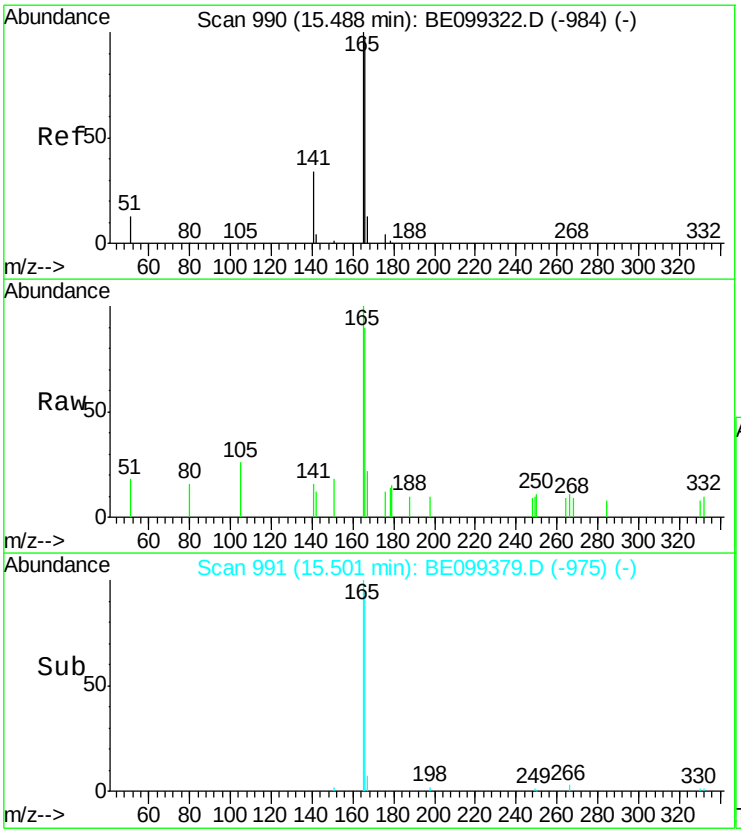
#17
Acenaphthene
Concen: 0.045 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.02 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:154 Resp: 1053

Ion	Ratio	Lower	Upper
154	100		
153	117.5	94.7	142.1
152	61.2	46.4	69.6

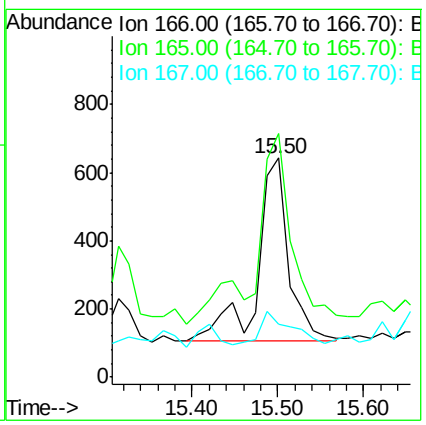


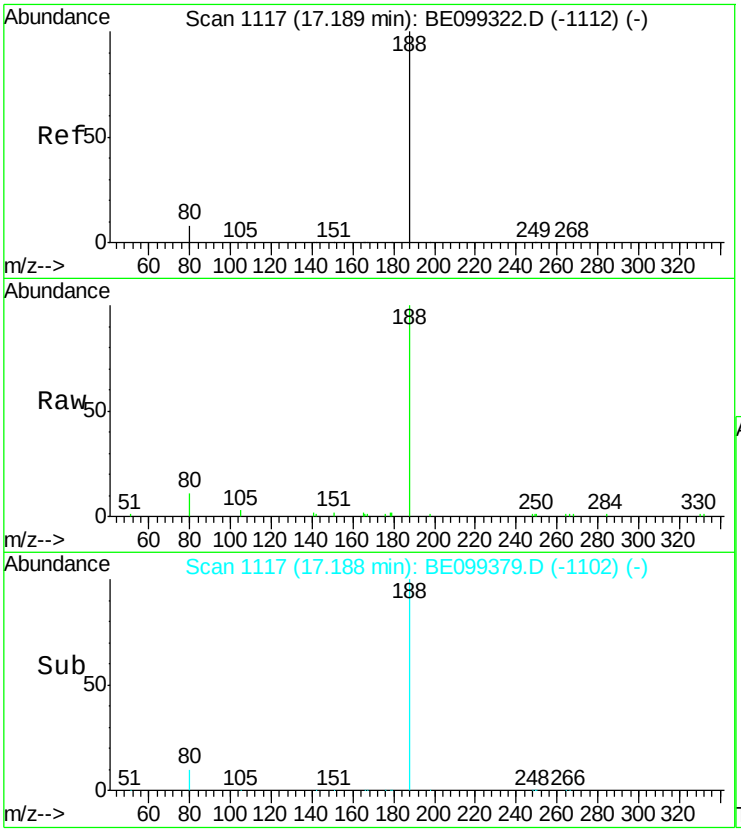


#18
Fluorene
Concen: 0.041 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:166 Resp: 1362

Ion	Ratio	Lower	Upper
166	100		
165	89.4	79.7	119.5
167	17.7	11.0	16.4#



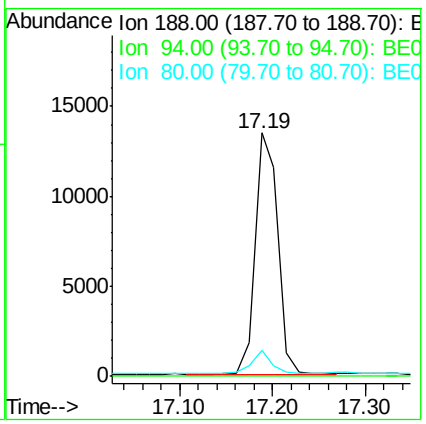


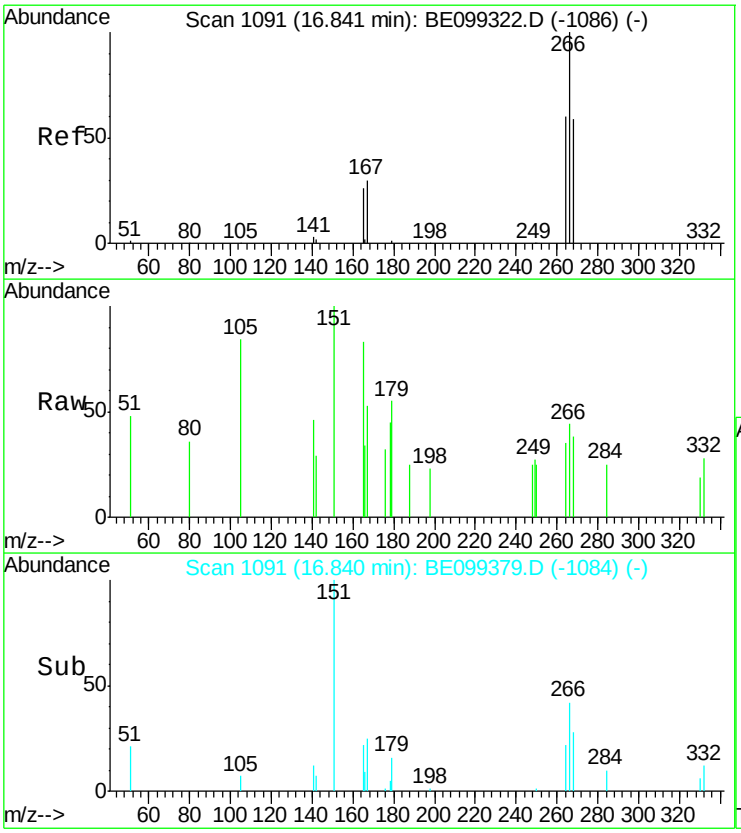
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:188 Resp: 22579

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	6.2	9.4#

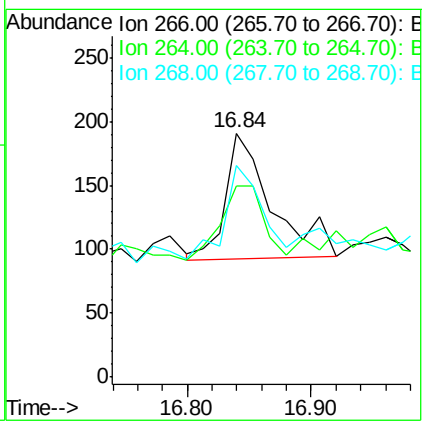


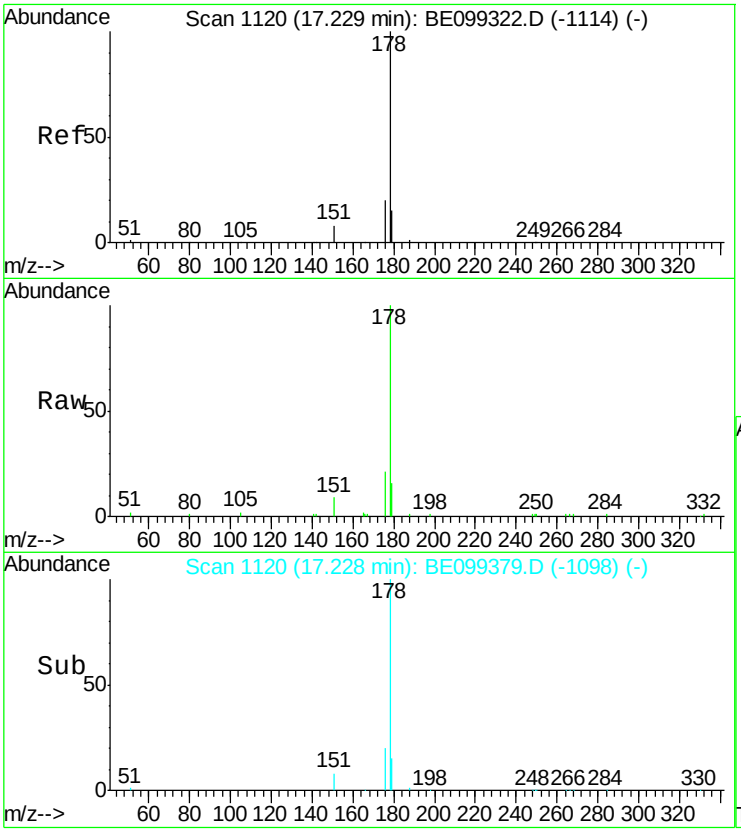


#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:266 Resp: 259

Ion	Ratio	Lower	Upper
266	100		
264	78.5	54.5	81.7
268	86.9	54.3	81.5#



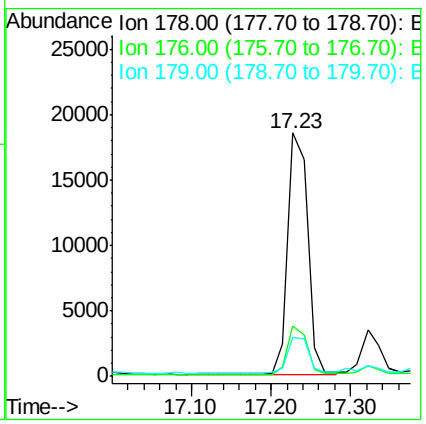


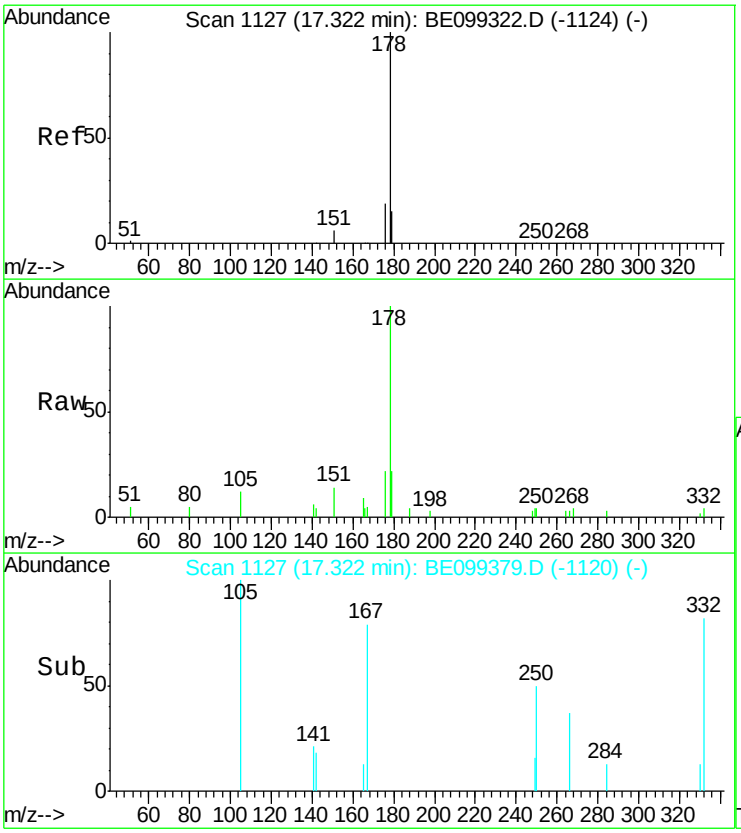
#23
Phenanthrene
Concen: 0.532 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:178 Resp: 31810

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.3	12.4	18.6

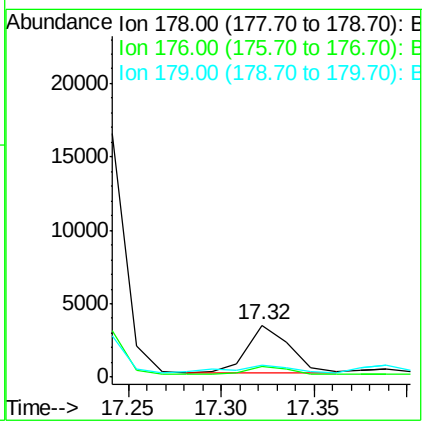


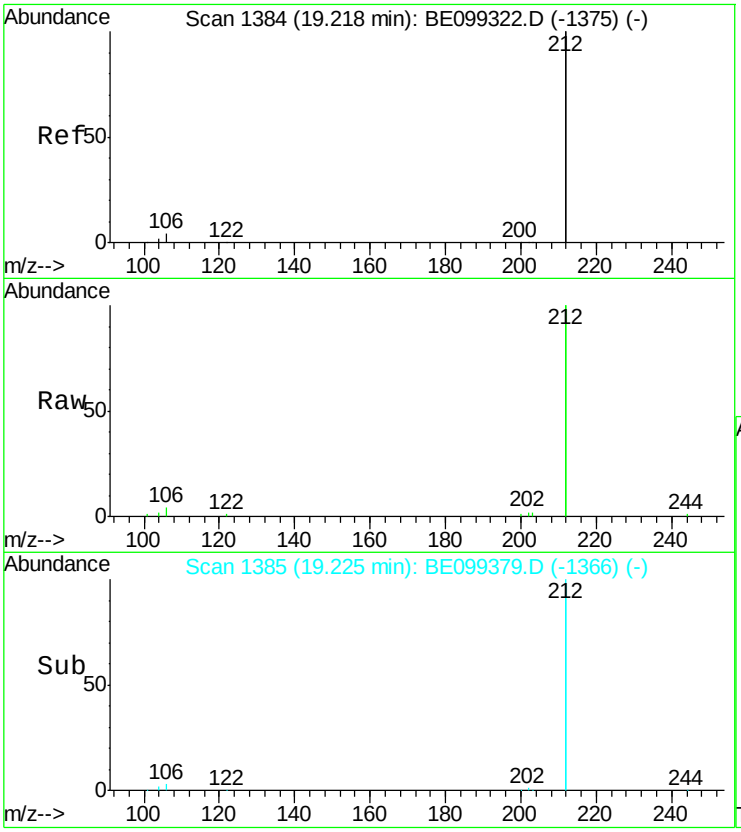


#24
Anthracene
Concen: 0.094 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:178 Resp: 5008

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	21.3	11.9	17.9#



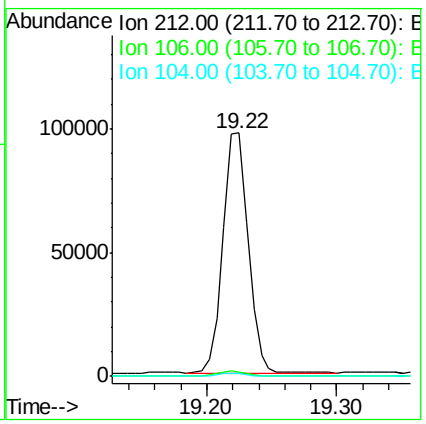


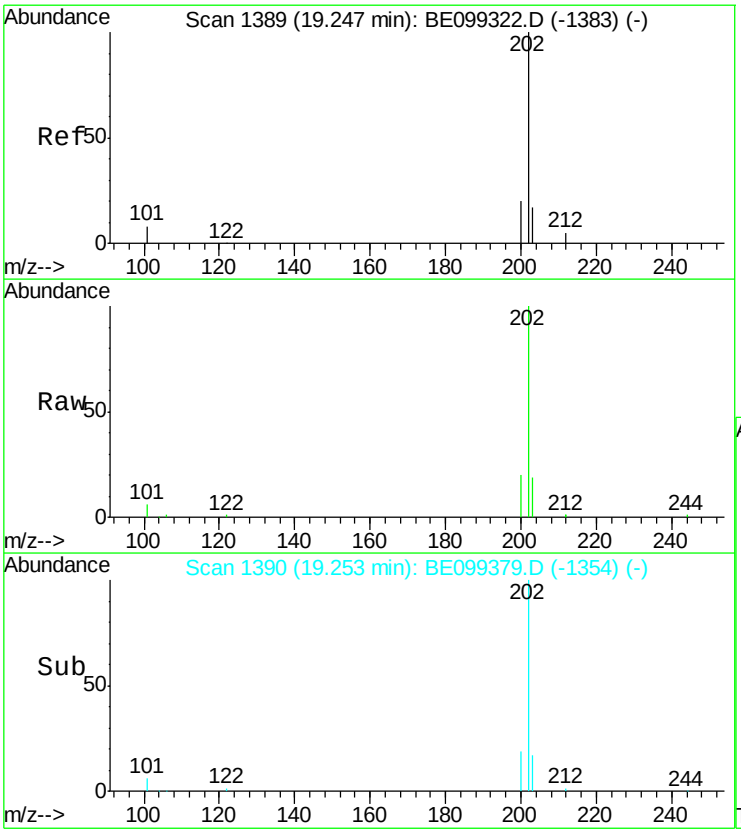
#25
Fluoranthene-d10
Concen: 0.480 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:212 Resp: 130235

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.8	2.6
104	1.1	1.0	1.4

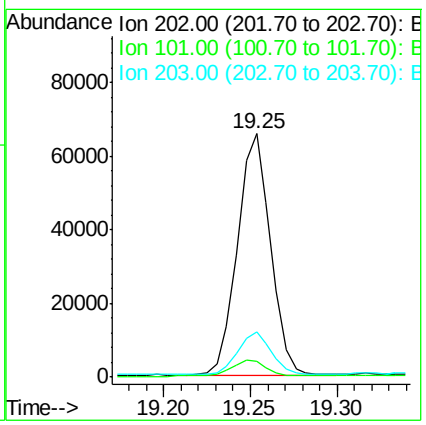


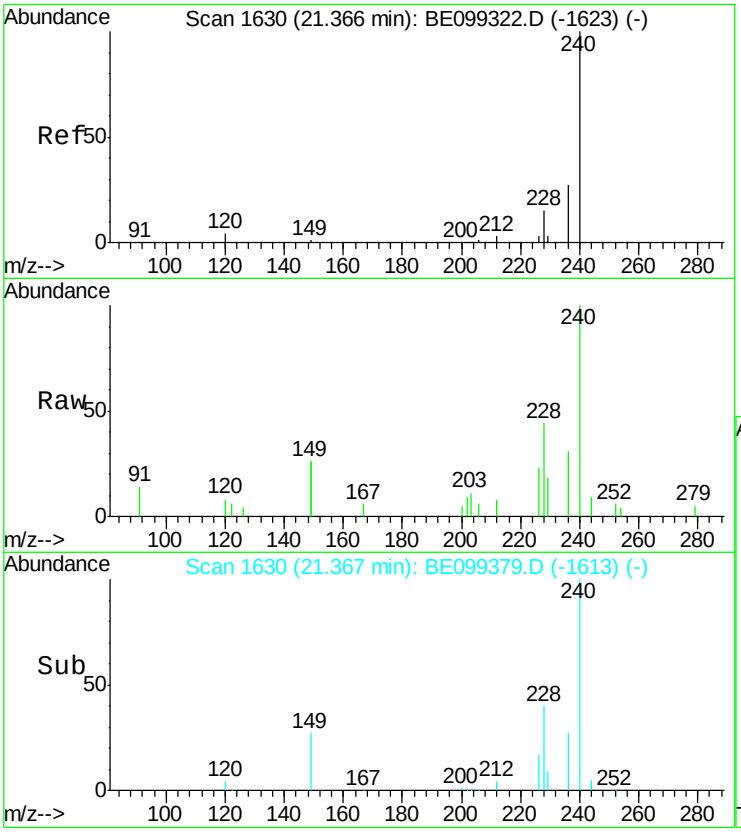


#26
Fluoranthene
Concen: 1.086 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:202 Resp: 86915

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.4	9.6
203	17.5	13.5	20.3



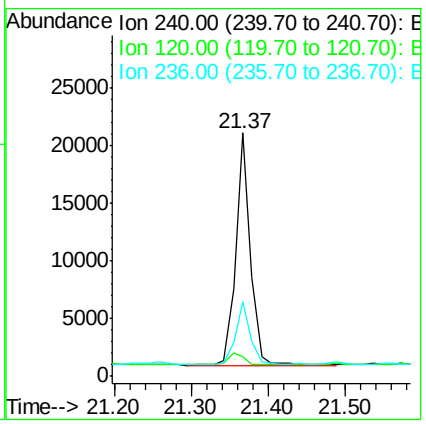


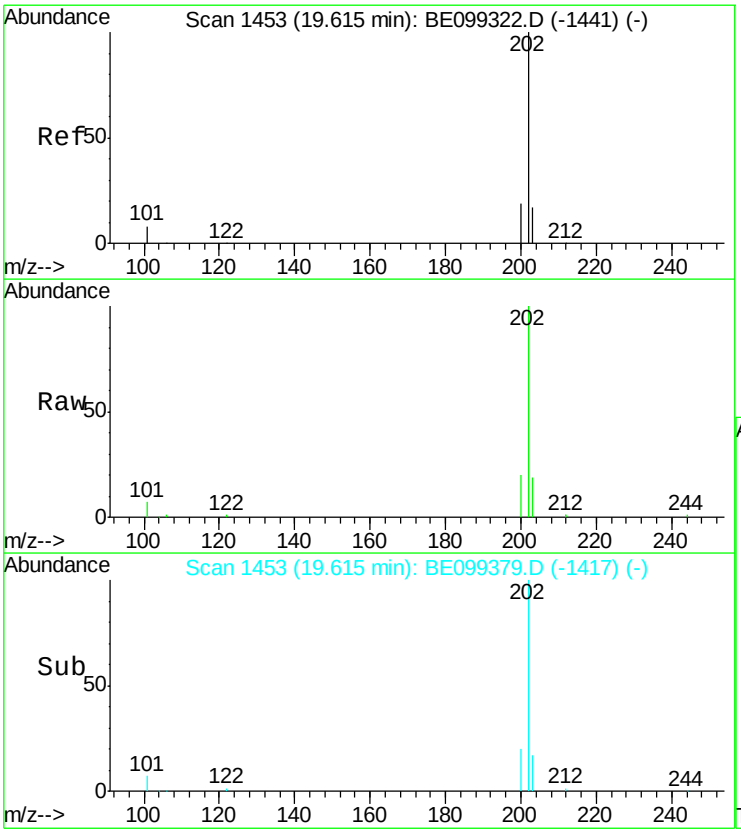
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:240 Resp: 26536

Ion	Ratio	Lower	Upper
240	100		
120	8.1	2.2	3.2#
236	30.6	20.2	30.4#

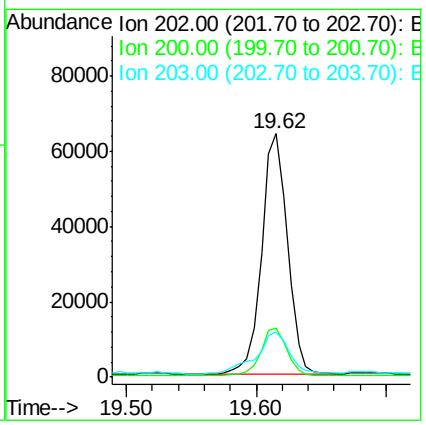


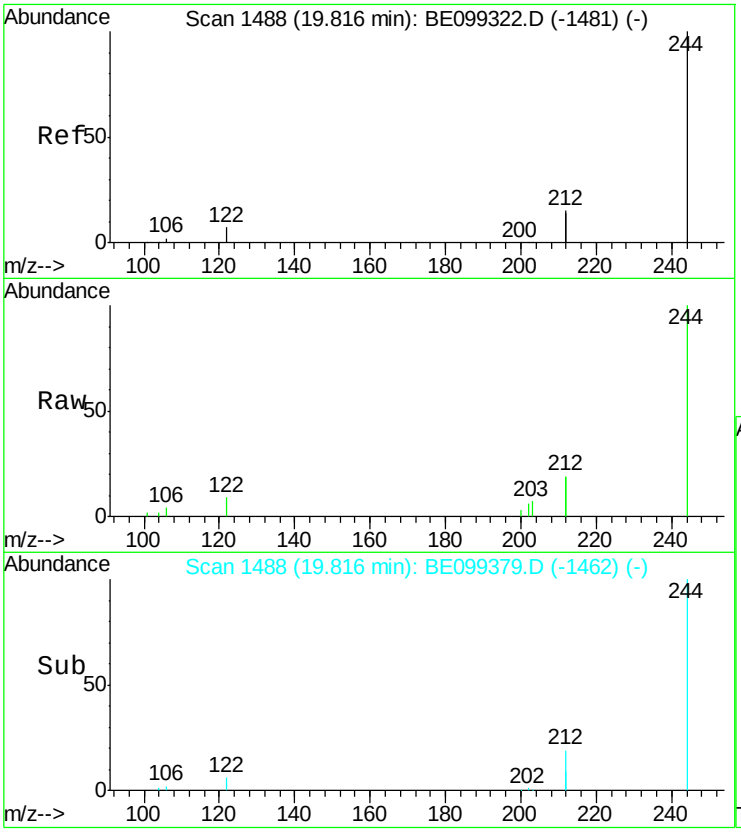


#28
Pyrene
Concen: 1.139 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:202 Resp: 89018

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	21.9	13.7	20.5#



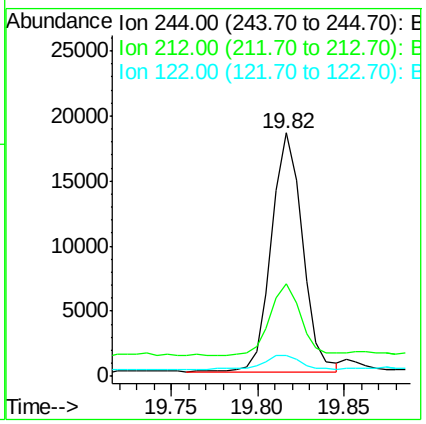


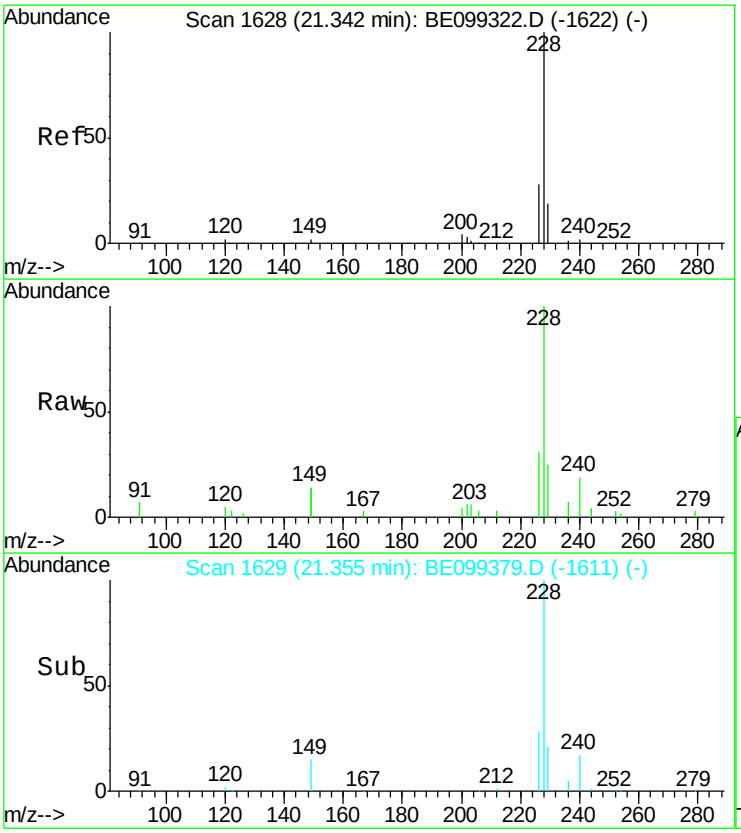
#29
Terphenyl-d14
Concen: 0.434 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:244 Resp: 22653

Ion	Ratio	Lower	Upper
244	100		
212	38.0	22.6	33.8#
122	8.7	4.6	7.0#

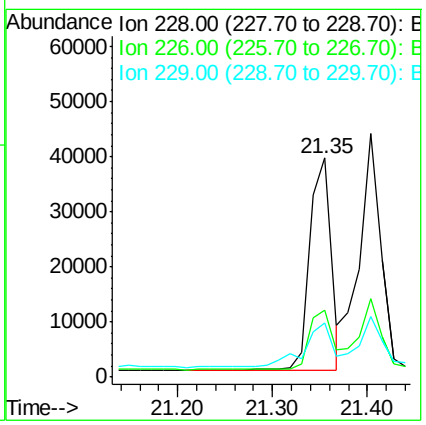


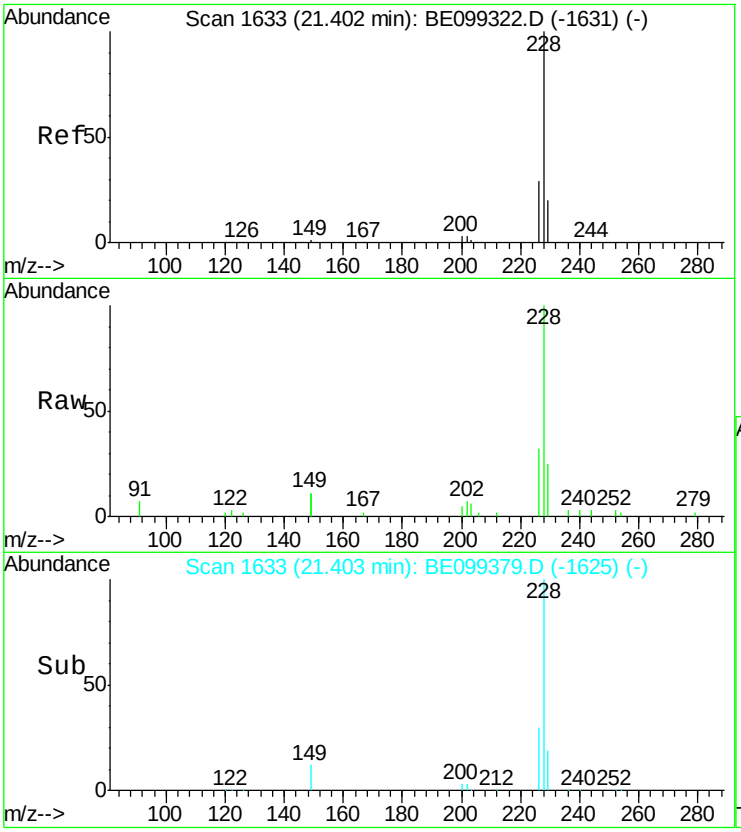


#30
Benzo(a)anthracene
Concen: 0.780 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:228 Resp: 60886

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.0	33.0
229	25.0	15.8	23.8#



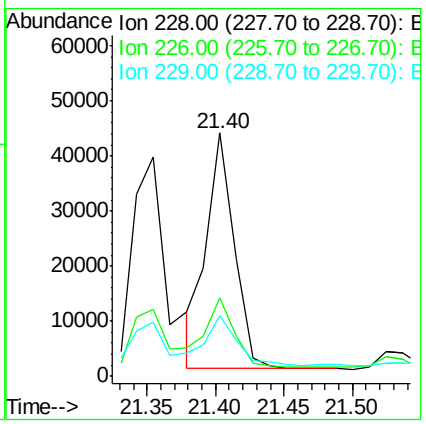


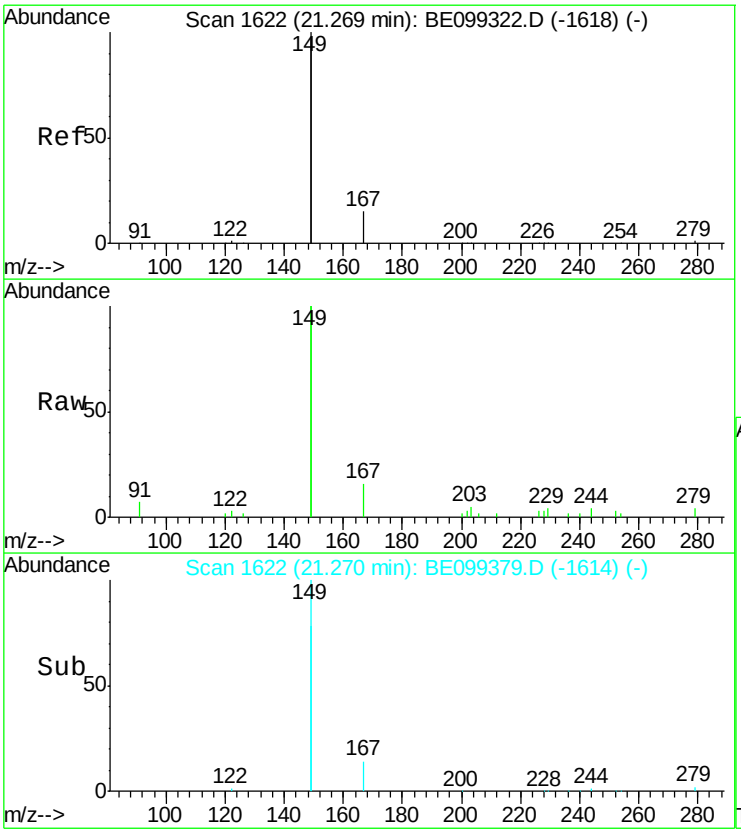
#31
Chrysene
Concen: 0.725 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:228 Resp: 60195

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.2
229	25.0	16.2	24.2#

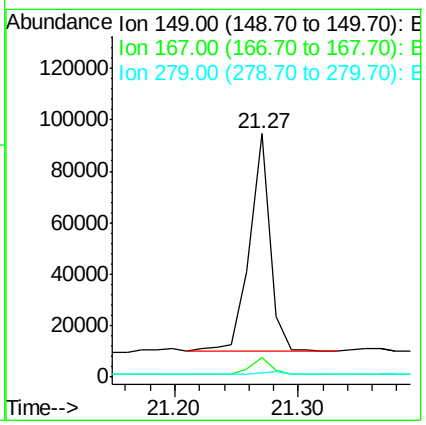


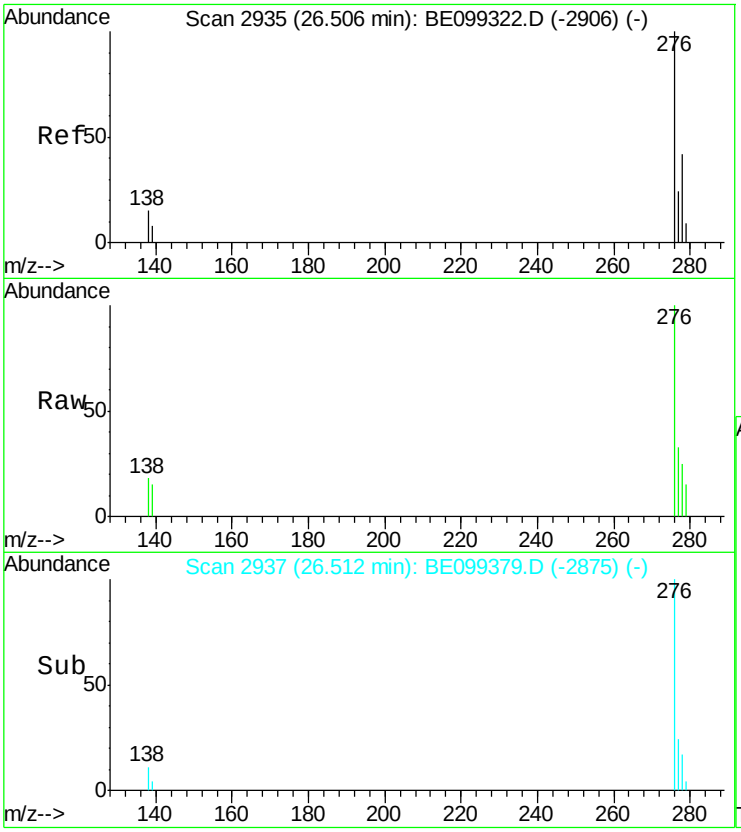


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.388 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:149 Resp: 98561

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.5	1.1	1.7



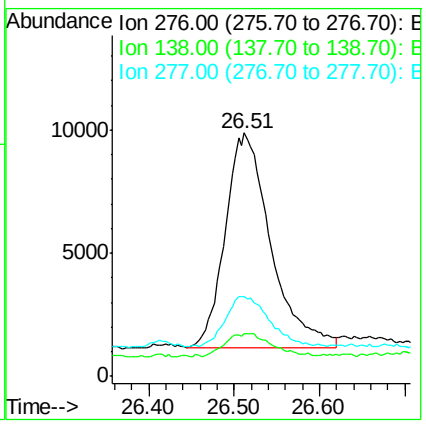


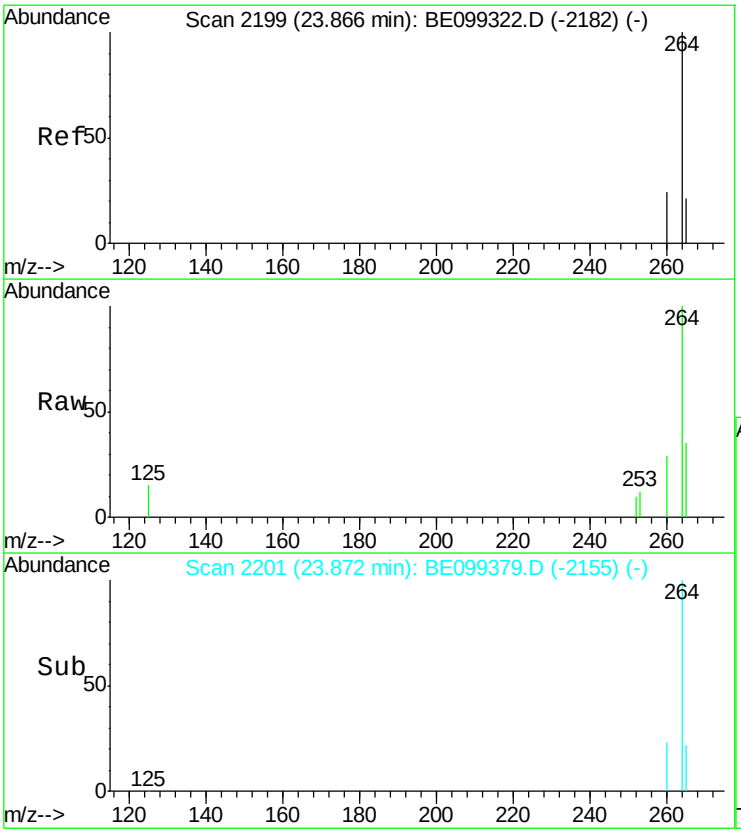
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.51 min Scan# 2937
Delta R.T. 0.02 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:276 Resp: 32413

Ion	Ratio	Lower	Upper
276	100		
138	10.8	12.7	19.1#
277	22.6	19.6	29.4

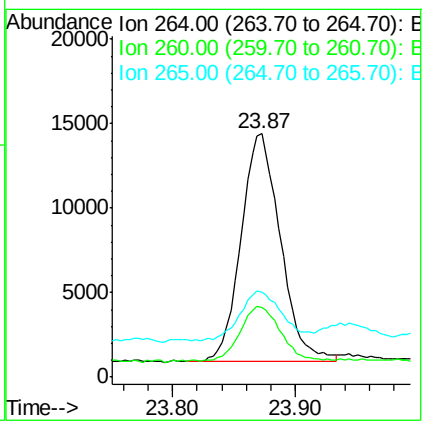


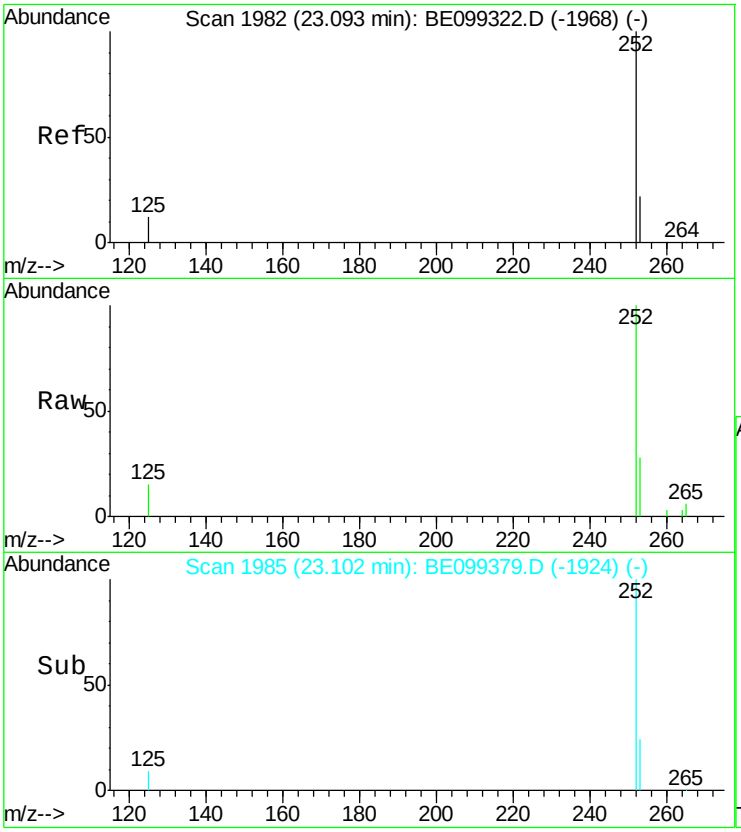


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:264 Resp: 29950

Ion	Ratio	Lower	Upper
264	100		
260	28.8	20.1	30.1
265	35.1	19.9	29.9#



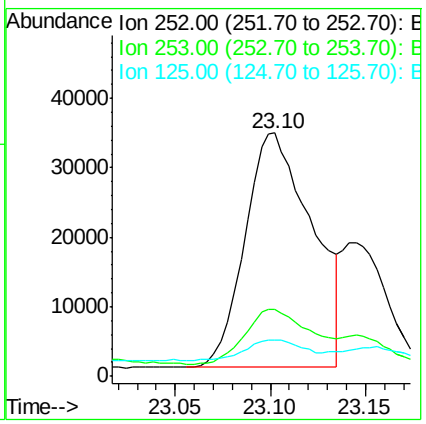


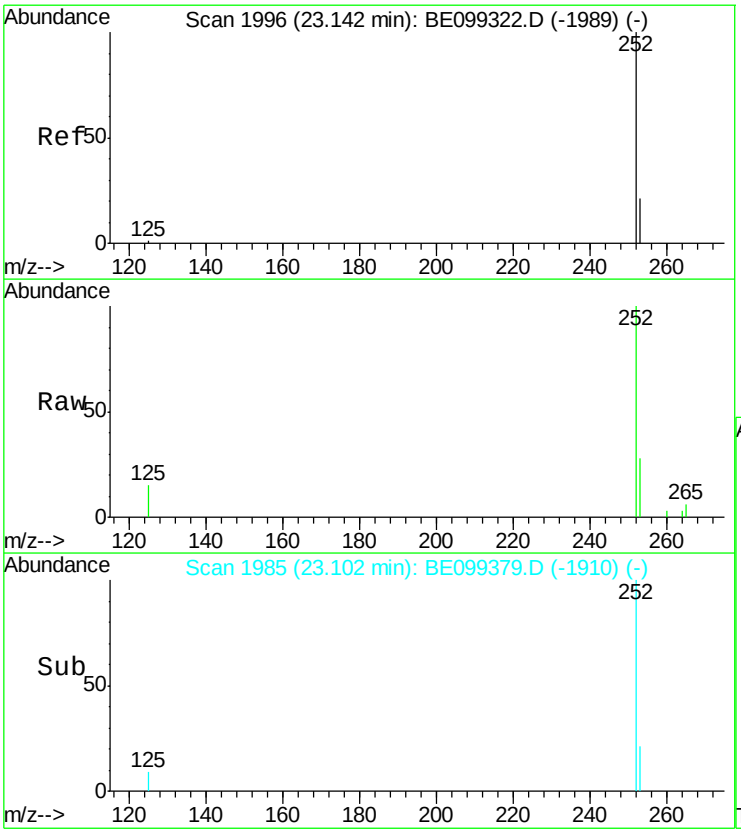
#35
Benzo(b)fluoranthene
Concen: 0.901 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:252 Resp: 82626

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.3	25.9#
125	14.9	5.8	8.6#

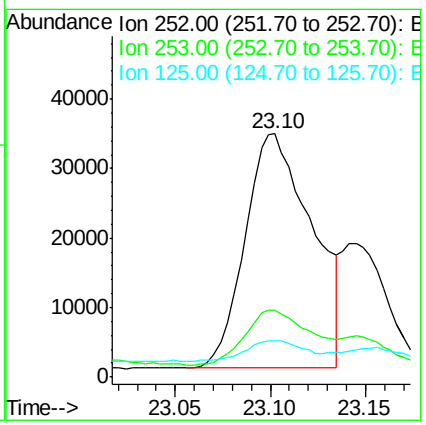


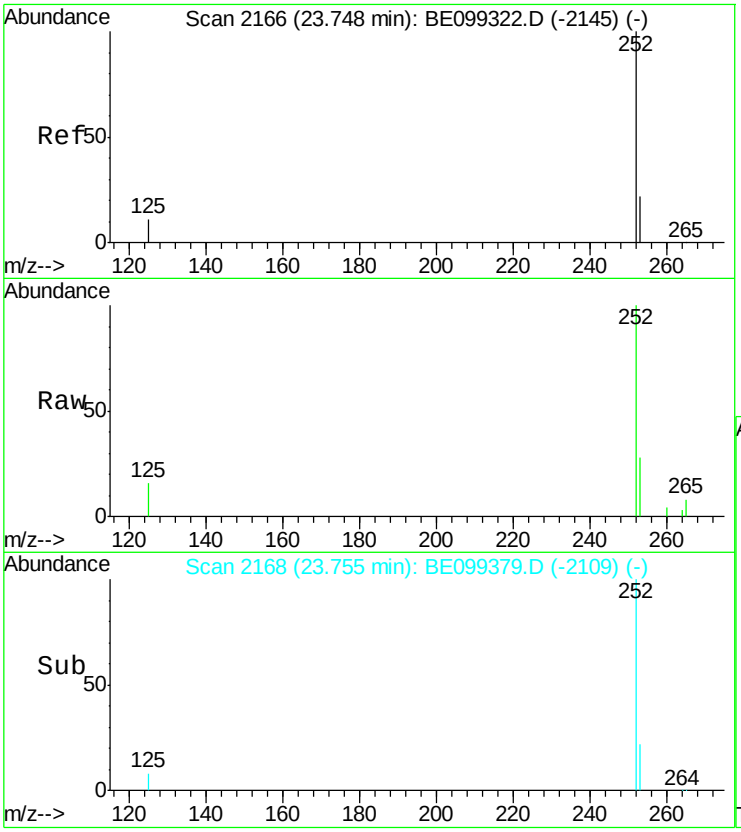


#36
Benzo(k)fluoranthene
Concen: 0.904 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:252 Resp: 82626

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	14.9	5.4	8.0#



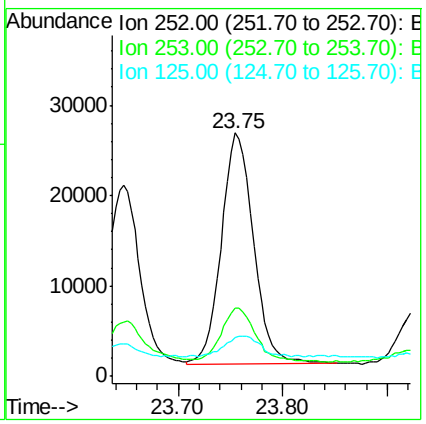


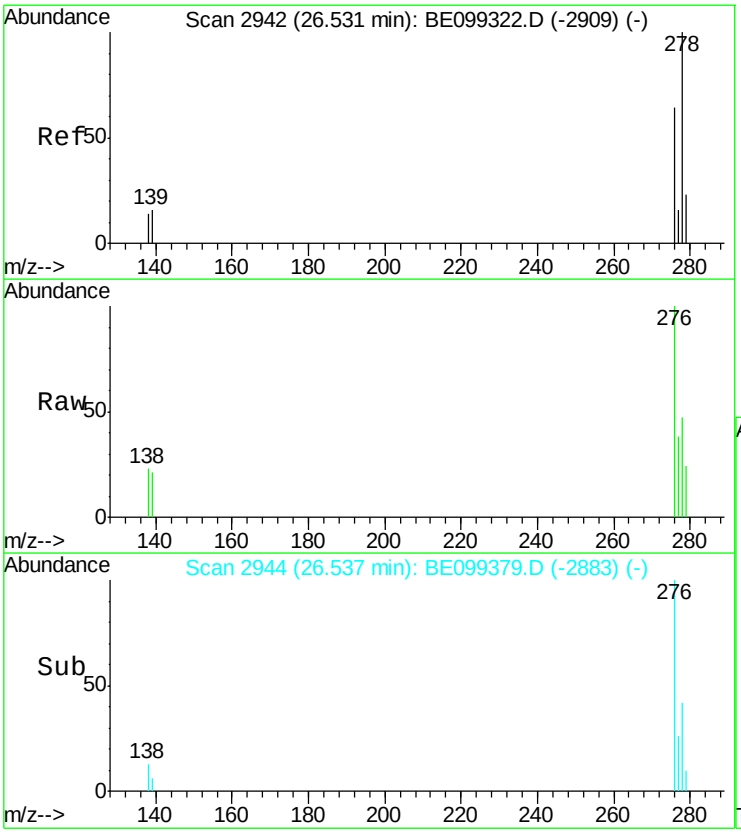
#37
Benzo(a)pyrene
Concen: 0.658 ng
RT: 23.75 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:252 Resp: 54088

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.6	26.4#
125	15.9	6.5	9.7#

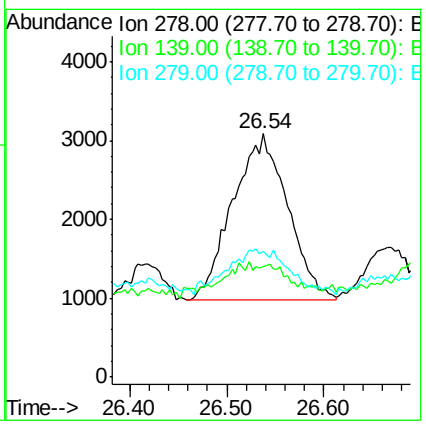


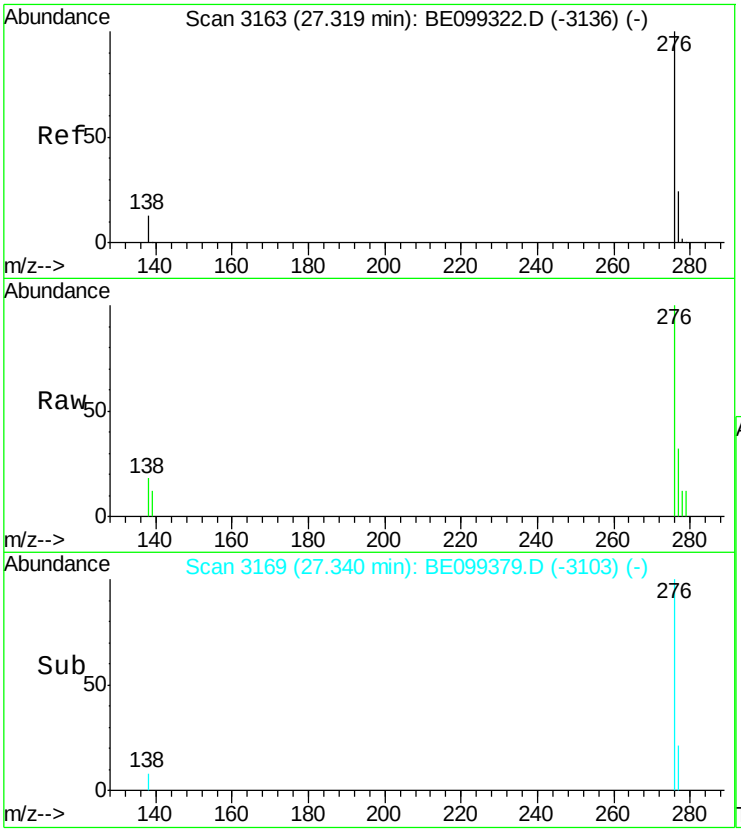


#38
Dibenzo(a,h)anthracene
Concen: 0.099 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.02 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Tgt Ion:278 Resp: 8317

Ion	Ratio	Lower	Upper
278	100		
139	45.4	8.5	12.7#
279	51.6	19.8	29.8#





#39
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 27.34 min Scan# 3169
Delta R.T. 0.03 min
Lab File: BE099379.D
Acq: 26 Apr 2019 15:43

Instrument :
BNA_E
ClientSampleId :
PST-023-B183-042219

Tgt Ion:276 Resp: 31100

Ion	Ratio	Lower	Upper
276	100		
277	32.3	20.0	30.0#
138	17.8	11.1	16.7#