Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099444.D
Acq On : 1 May 2019 2:27
Operator : JU/SJ
Sample : K2568-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-023-SW096-042319

Quant Time: May 01 06:55:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2290	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8871	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7100	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	23276	0.40	ng		0.00
27) Chrysene-d12	21.37	240	30216	0.40	ng		0.00
34) Perylene-d12	23.87	264	33994	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1999	0.32	ng		0.00
5) Phenol-d6	6.97	99	3044	0.36	ng		0.00
8) Nitrobenzene-d5	8.96	82	2609	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	4571	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	1580	0.35	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	6409	0.24	ng		-0.01
25) Fluoranthene-d10	19.22	212	62358	0.20	ng		0.00
29) Terphenyl-d14	19.81	244	12316	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	64	0.020	ng	#	27
3) n-Nitrosodimethylamine	3.62	42	54	0.028	ng	#	3
9) Naphthalene	10.65	128	5042	0.052	ng	#	96
12) 2-Methylnaphthalene	12.27	142	876	0.052	ng	#	93
16) Acenaphthylene	14.18	152	3209	0.092	ng		96
18) Fluorene	15.49	166	851	0.029	ng	#	95
22) Pentachlorophenol	16.84	266	46	0.222	ng	#	55
23) Phenanthrene	17.23	178	26962	0.449	ng		99
24) Anthracene	17.32	178	3055	0.053	ng	#	89
26) Fluoranthene	19.25	202	65945	0.733	ng		99
28) Pyrene	19.61	202	68511	0.870	ng		96
30) Benzo(a)anthracene	21.34	228	39929	0.415	ng		93
31) Chrysene	21.34	228	28771	0.305	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	45379	0.262	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	28237	0.254	ng		97
35) Benzo(b)fluoranthene	23.10	252	54565	0.557	ng	#	86
36) Benzo(k)fluoranthene	23.10	252	54565	0.577	ng	#	87
37) Benzo(a)pyrene	23.75	252	37090	0.400	ng	#	89
38) Dibenzo(a,h)anthracene	26.53	278	7772	0.082	ng	#	48
39) Benzo(g,h,i)perylene	27.33	276	29588	0.312	ng	#	90

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

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BNA_E
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PST-023-SW096-042319

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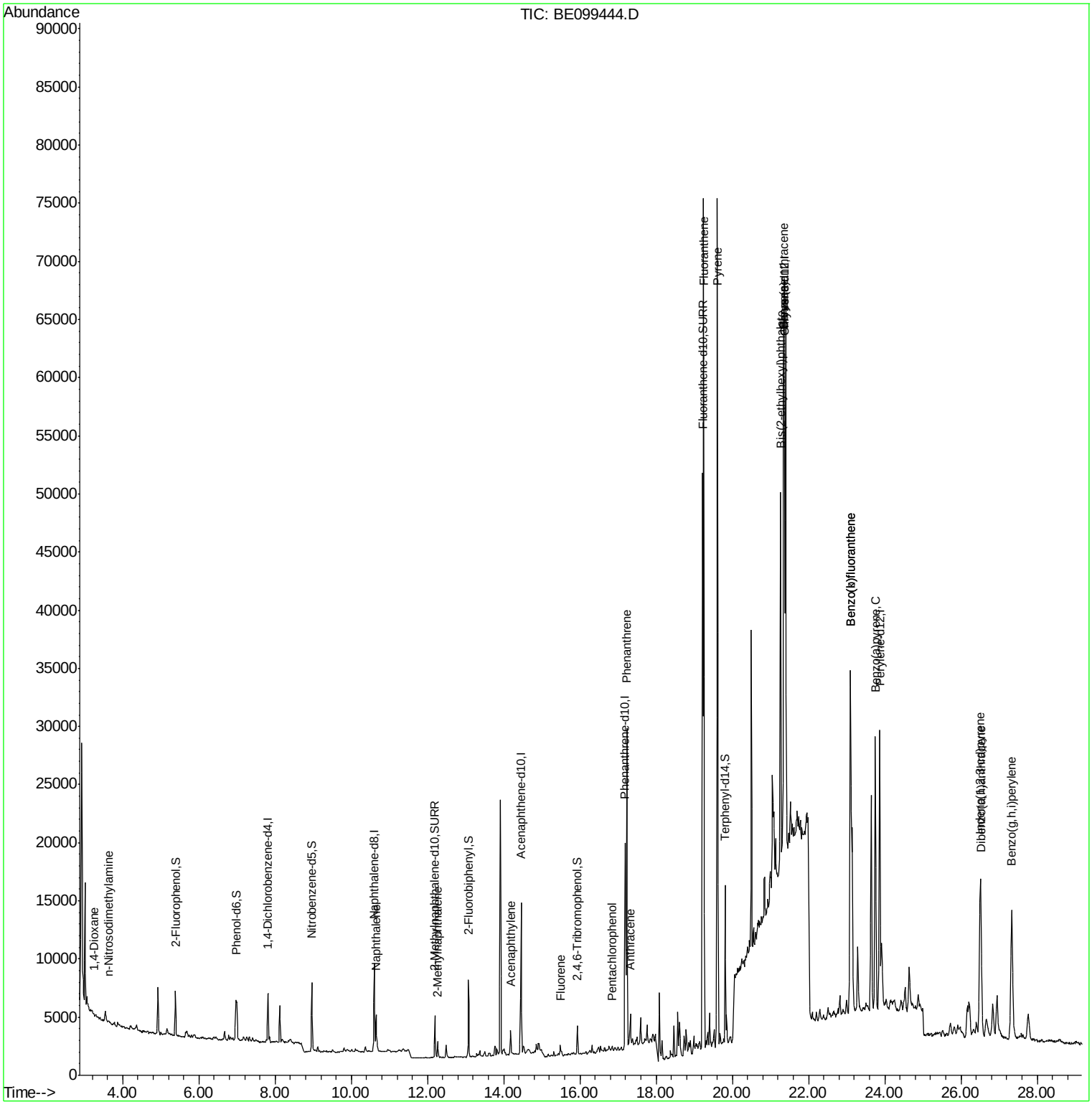
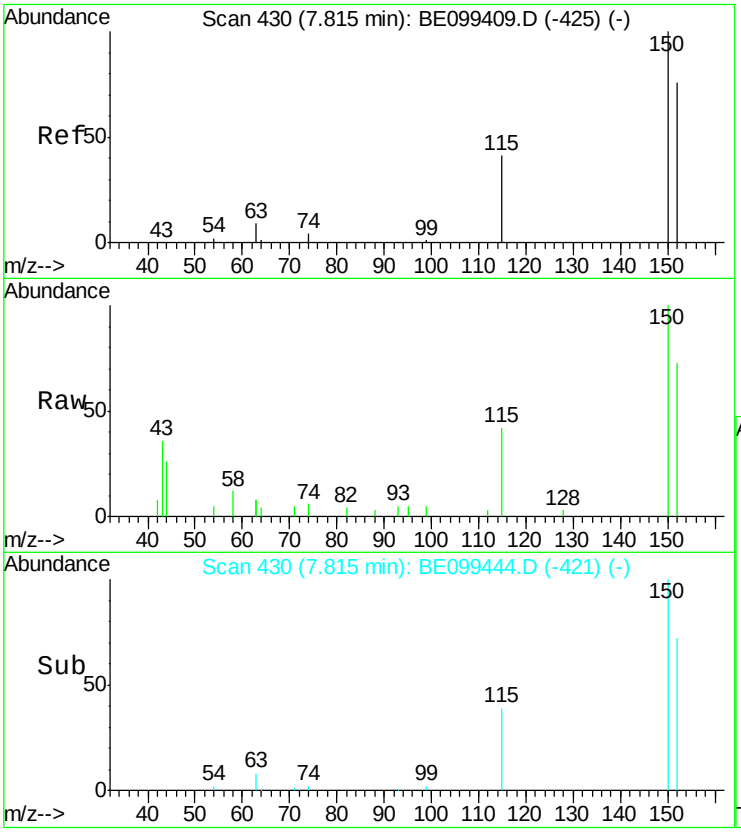
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



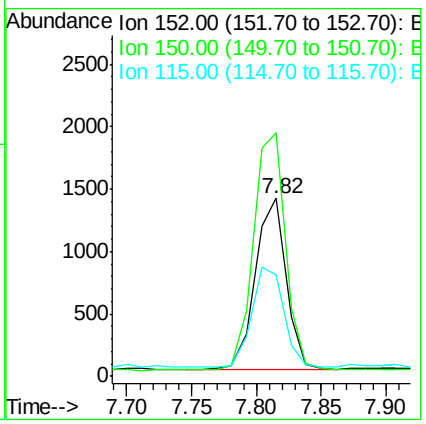


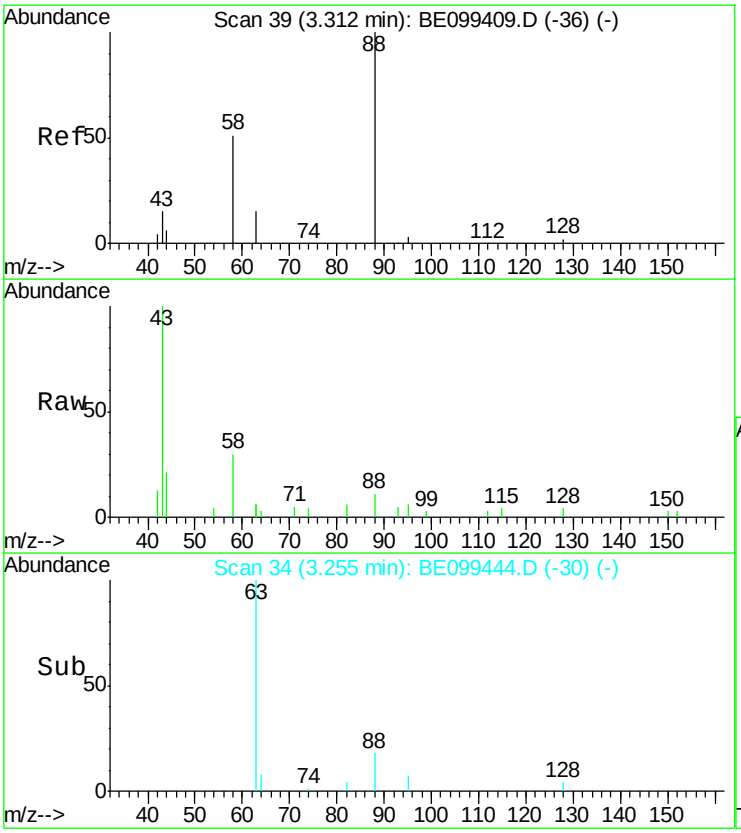
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:152 Resp: 2290

Ion	Ratio	Lower	Upper
152	100		
150	137.0	104.8	157.2
115	57.2	46.6	69.8

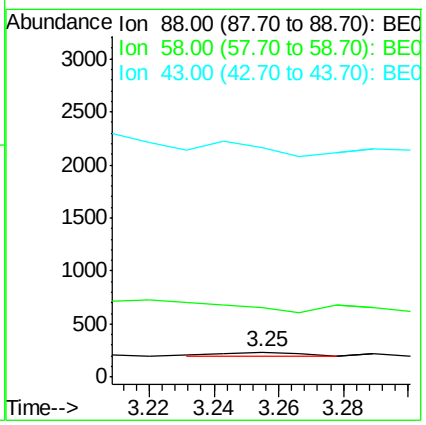


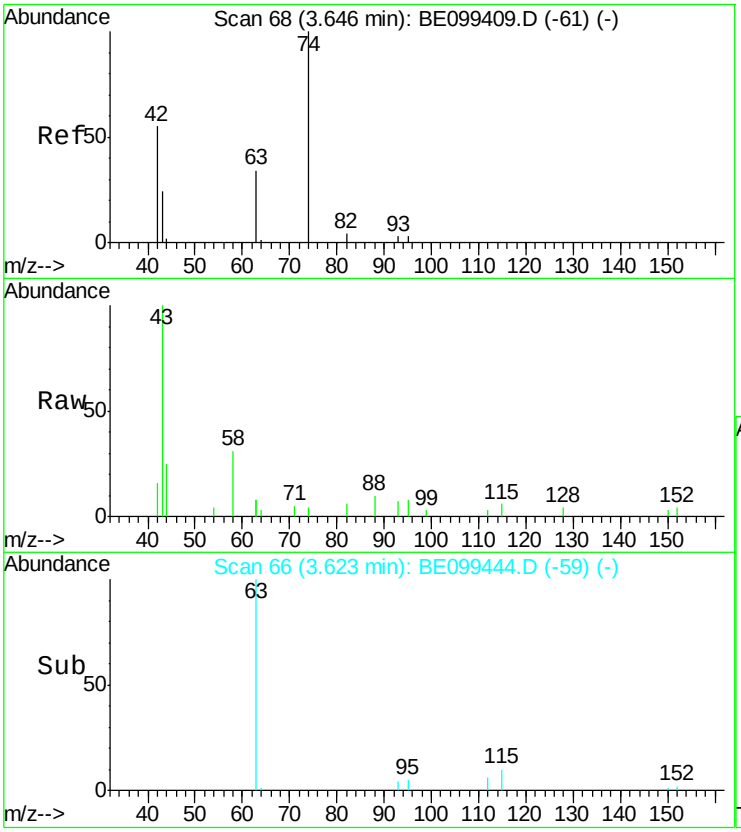


#2
1,4-Dioxane
Concen: 0.020 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.06 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.0	76.6#
43	0.0	20.6	30.8#



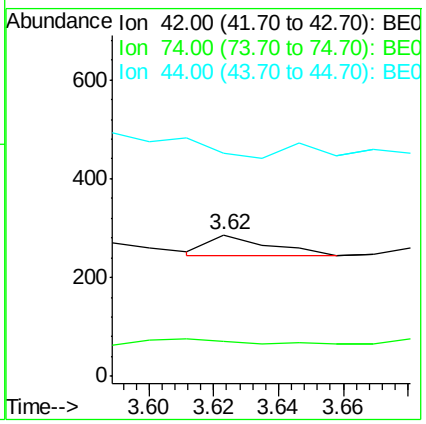


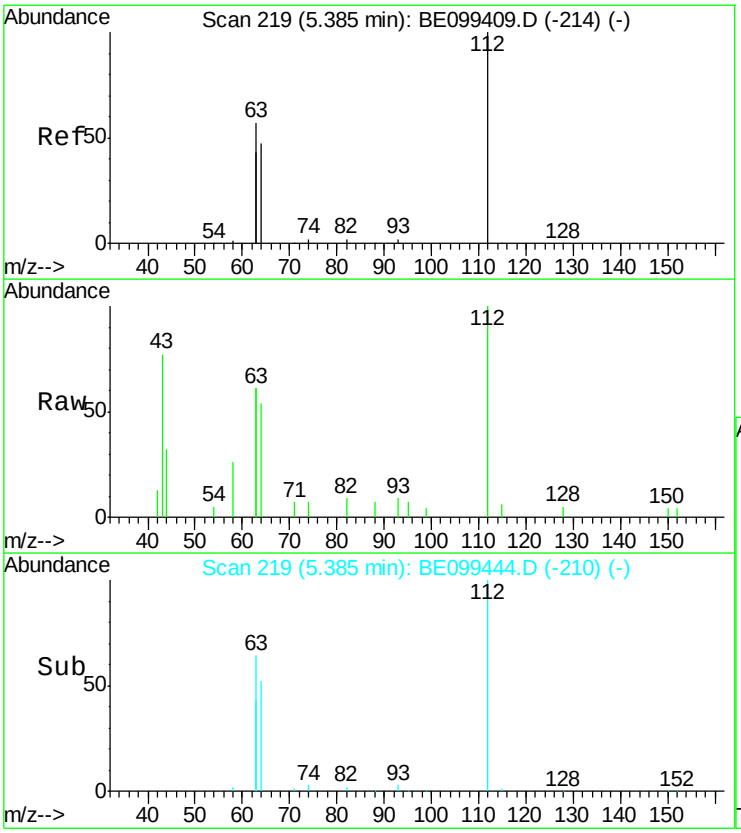
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	40.7	141.6	212.4#
44	0.0	0.0	0.0

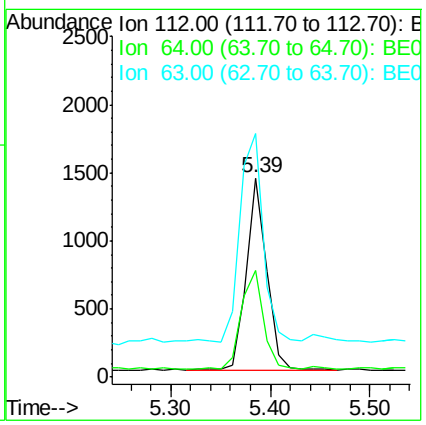


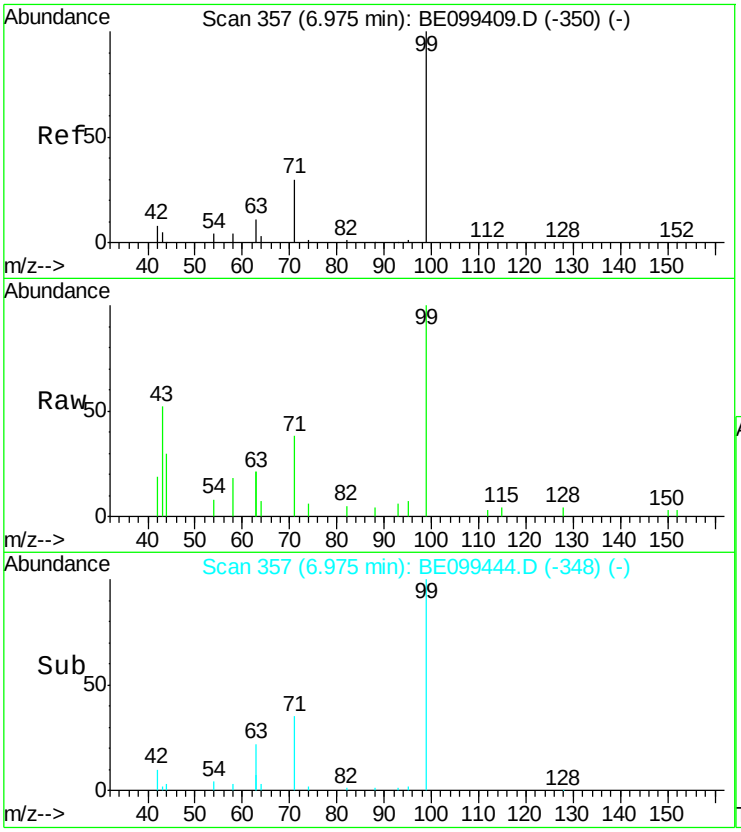


#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:112 Resp: 1999

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.4	71.0
63	122.8	104.3	156.5



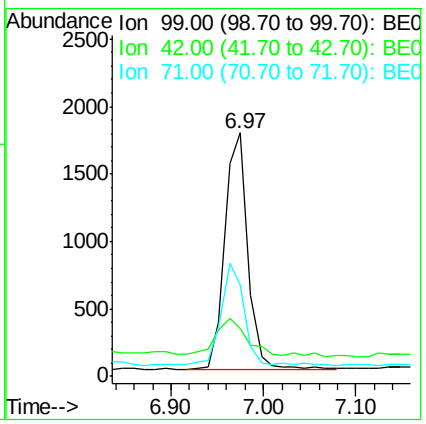


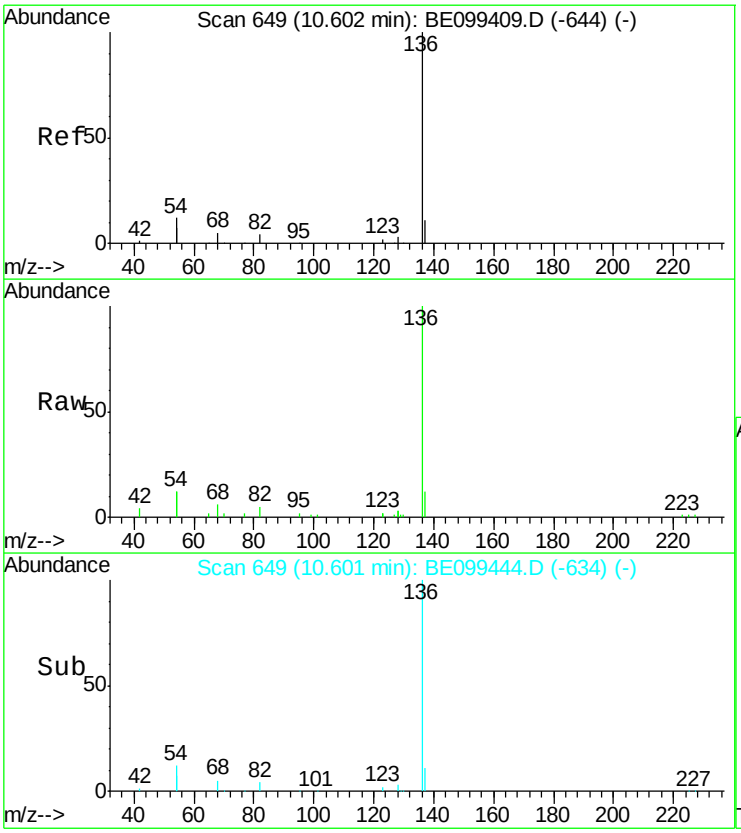
#5
Phenol-d6
Concen: 0.361 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion: 99 Resp: 3044

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.9	22.3
71	41.6	33.0	49.6

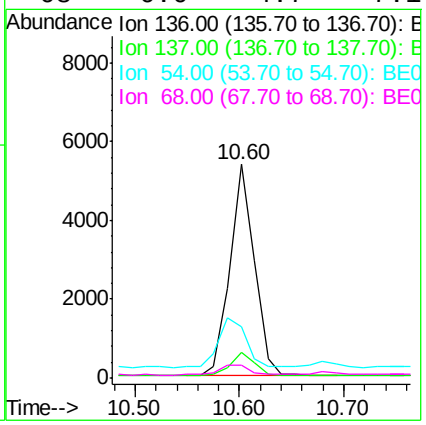


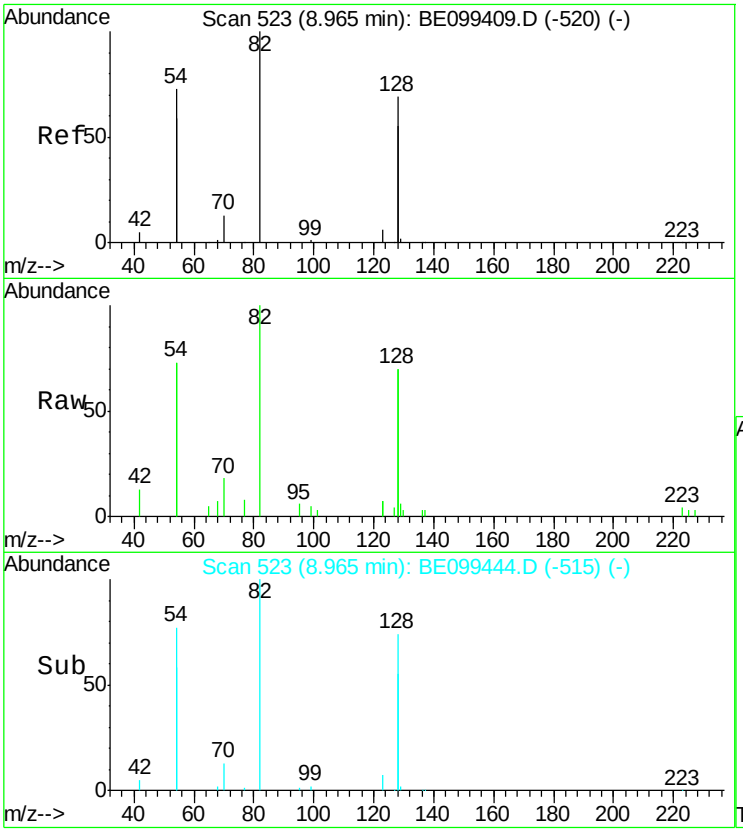


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:136 Resp: 8871

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	24.1	18.5	27.7
68	6.0	4.7	7.1



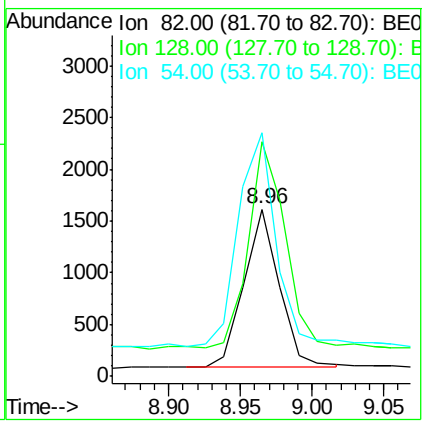


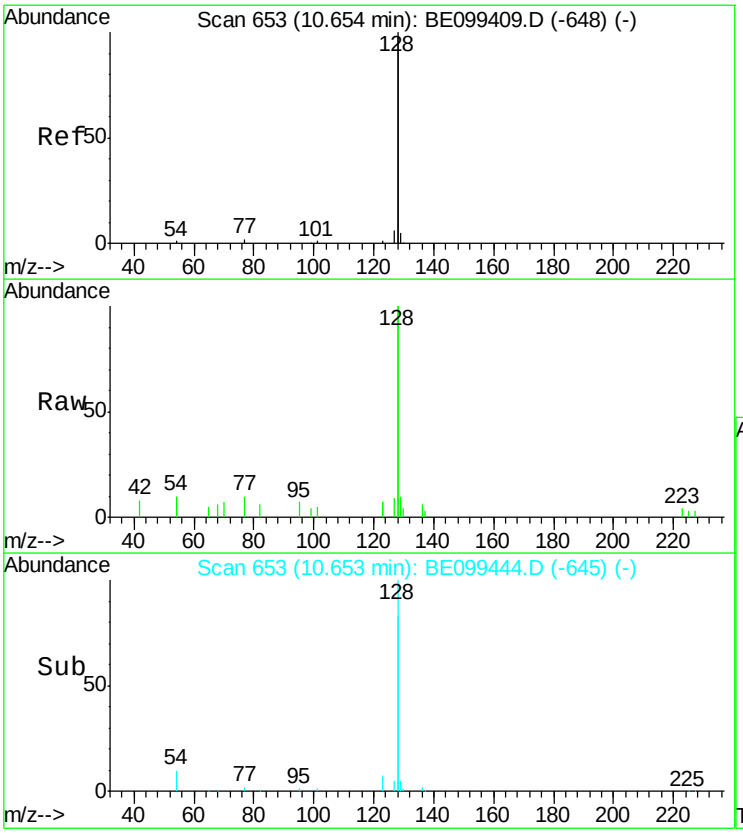
#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion: 82 Resp: 2609

Ion	Ratio	Lower	Upper
82	100		
128	140.8	107.0	160.4
54	145.9	113.1	169.7

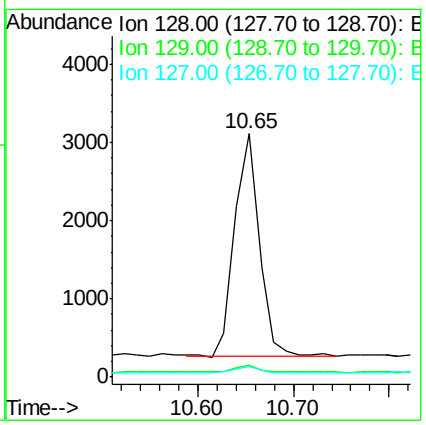


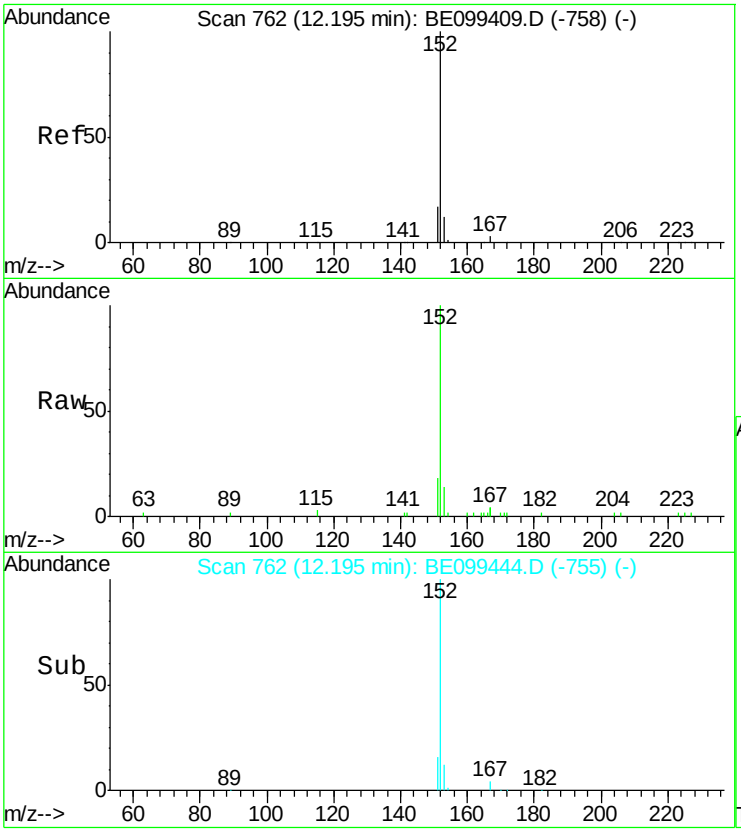


#9
Naphthalene
Concen: 0.052 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:128 Resp: 5042

Ion	Ratio	Lower	Upper
128	100		
129	4.8	2.4	3.6#
127	4.6	2.8	4.2#



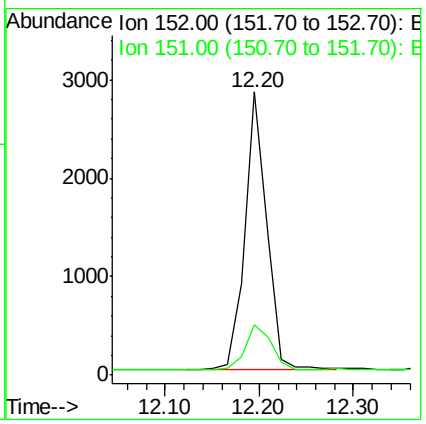


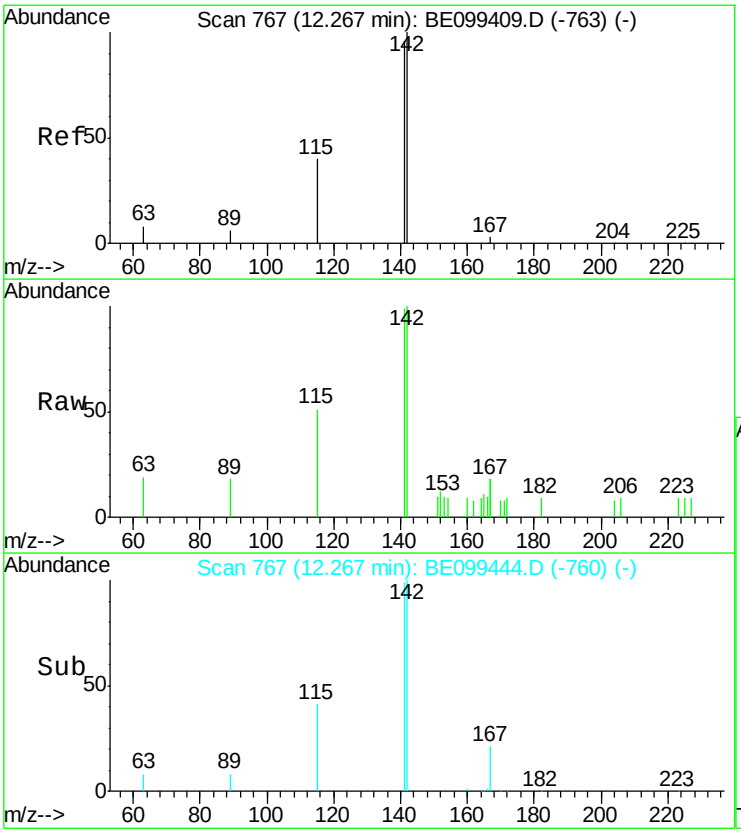
#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:152 Resp: 4571

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

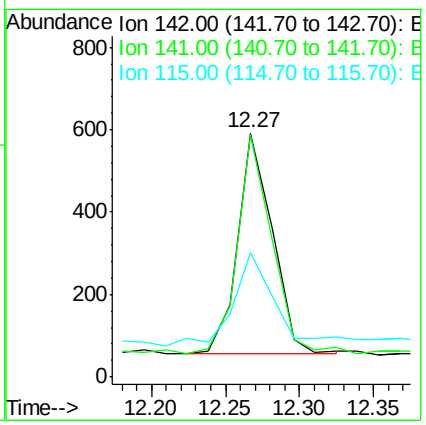


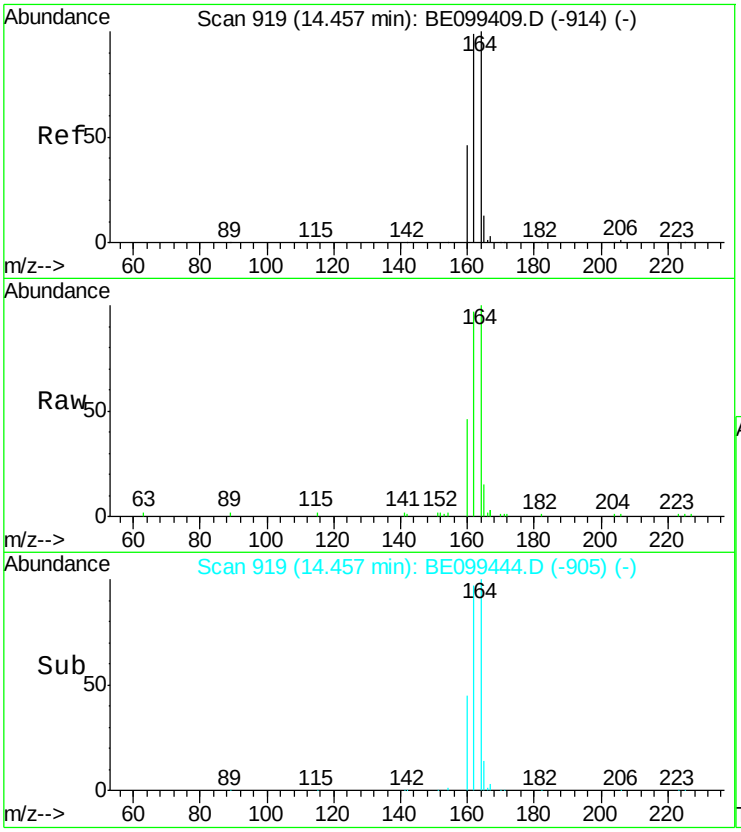


#12
2-Methylnaphthalene
Concen: 0.052 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:142 Resp: 876

Ion	Ratio	Lower	Upper
142	100		
141	99.3	77.0	115.4
115	51.1	33.4	50.0#



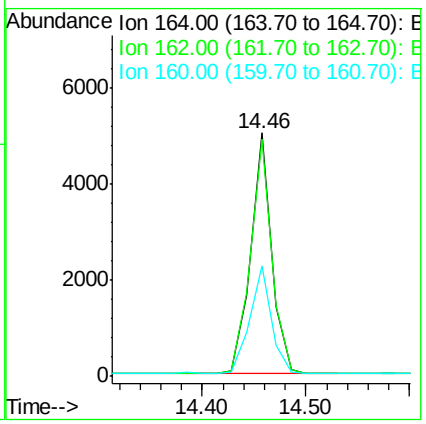


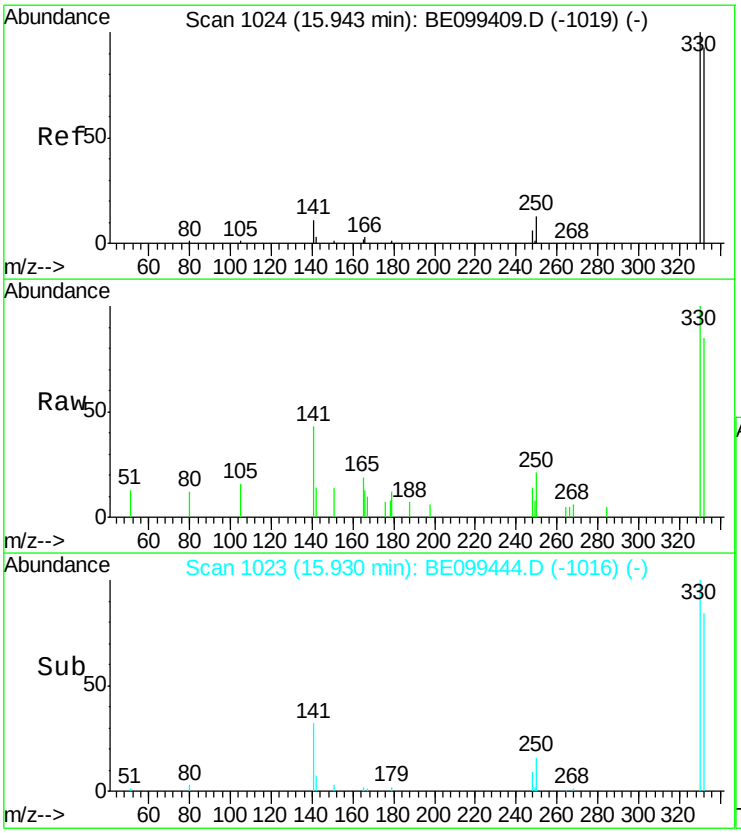
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:164 Resp: 7100

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.0	118.4
160	45.5	37.0	55.4

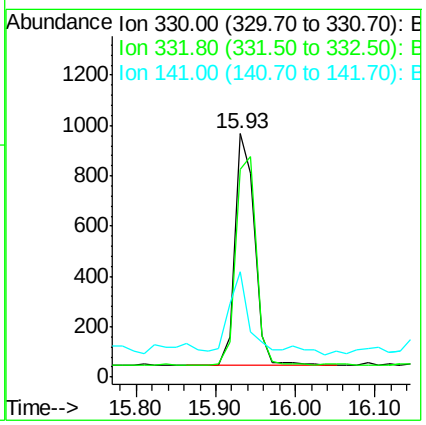


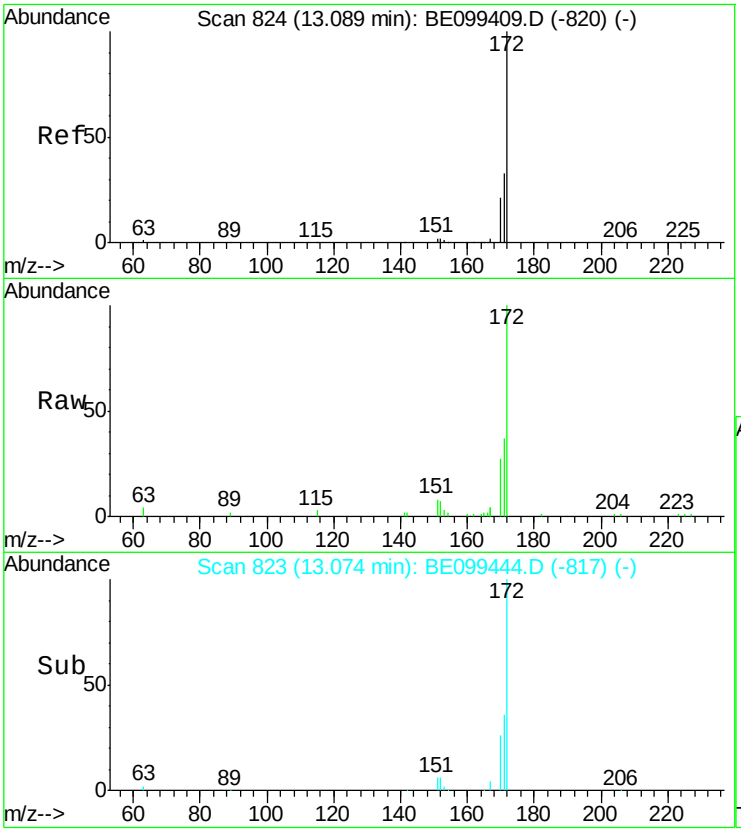


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:330 Resp: 1580

Ion	Ratio	Lower	Upper
330	100		
332	94.9	71.5	107.3
141	32.2	24.0	36.0



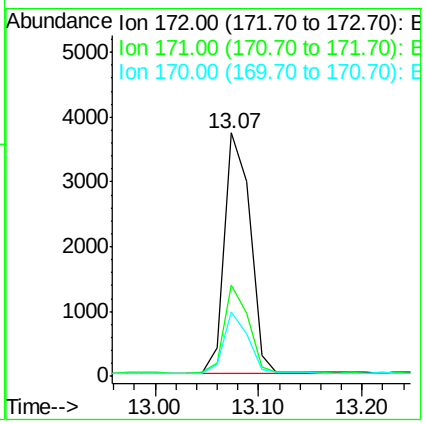


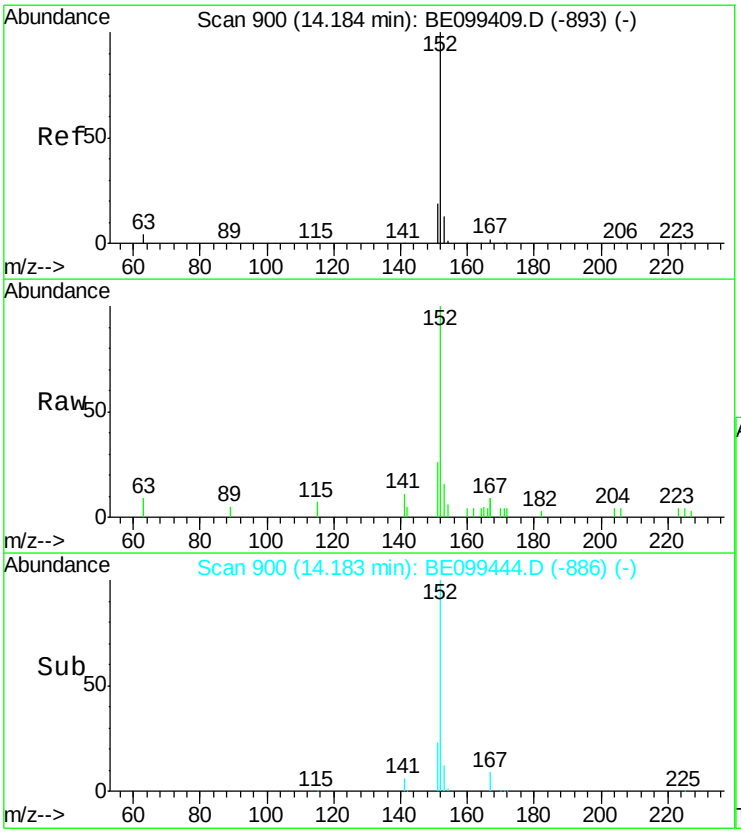
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:172 Resp: 6409

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.6	39.8
170	26.5	17.0	25.6#

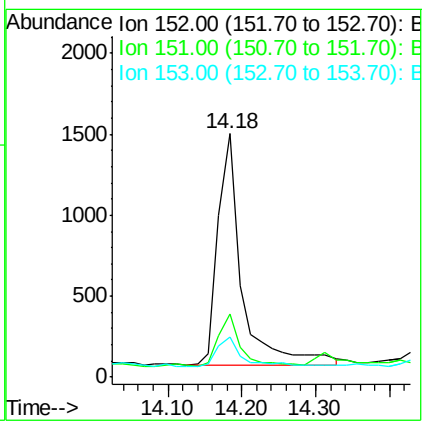


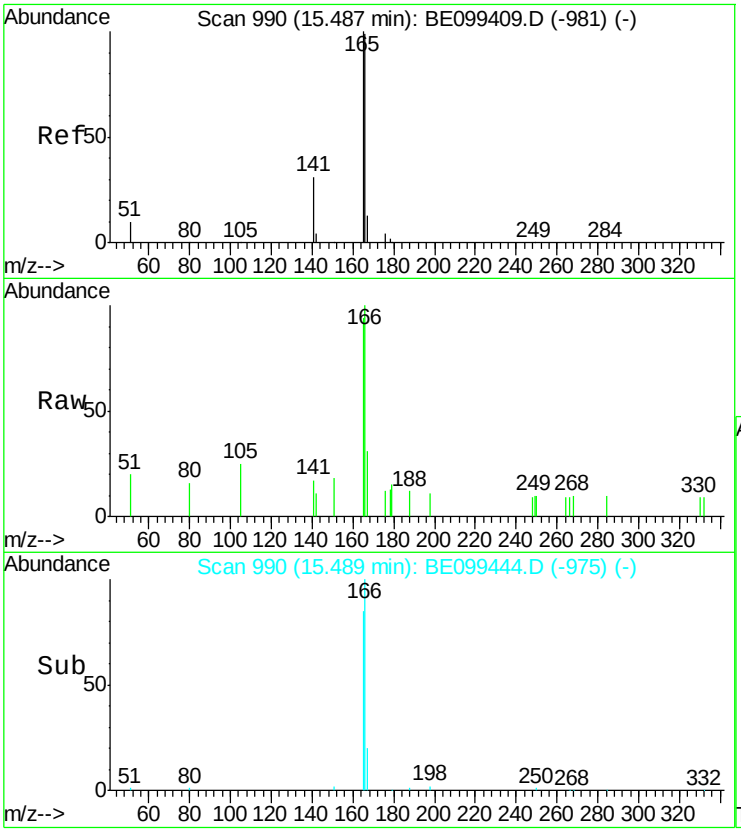


#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:152 Resp: 3209

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.4	23.2
153	14.1	9.8	14.6



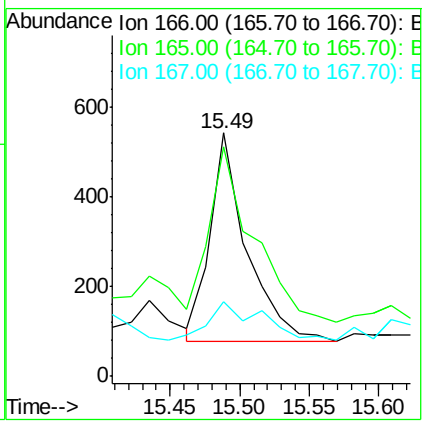


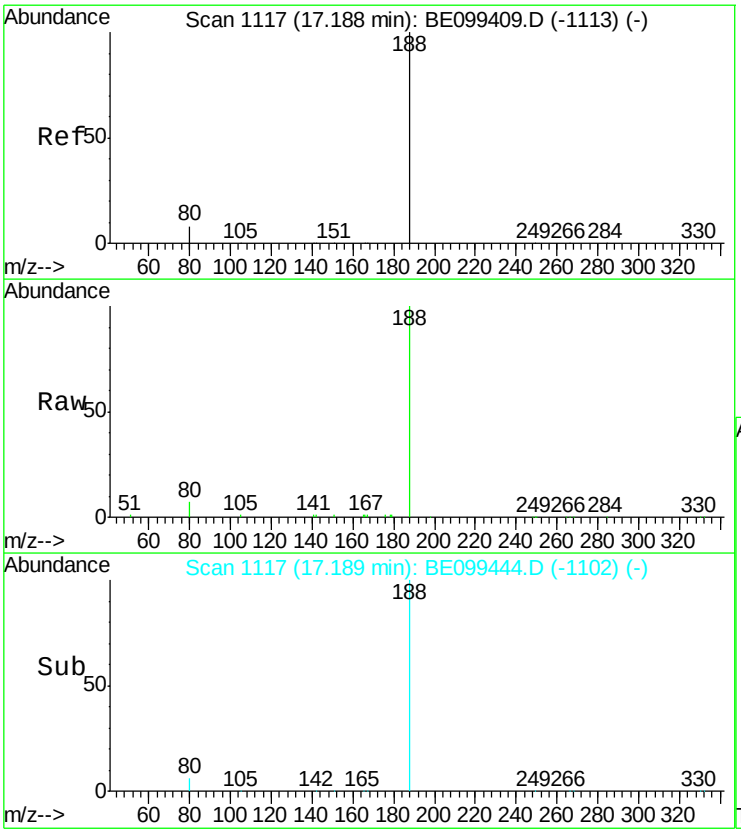
#18
Fluorene
Concen: 0.029 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:166 Resp: 851

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	27.5	10.7	16.1#

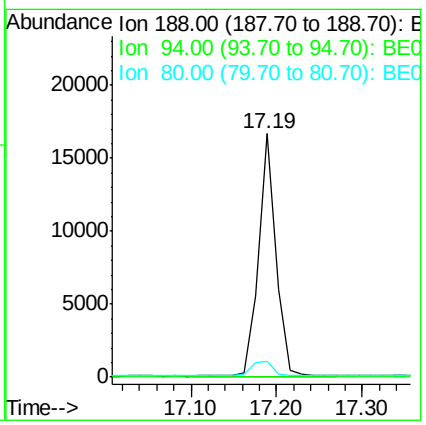


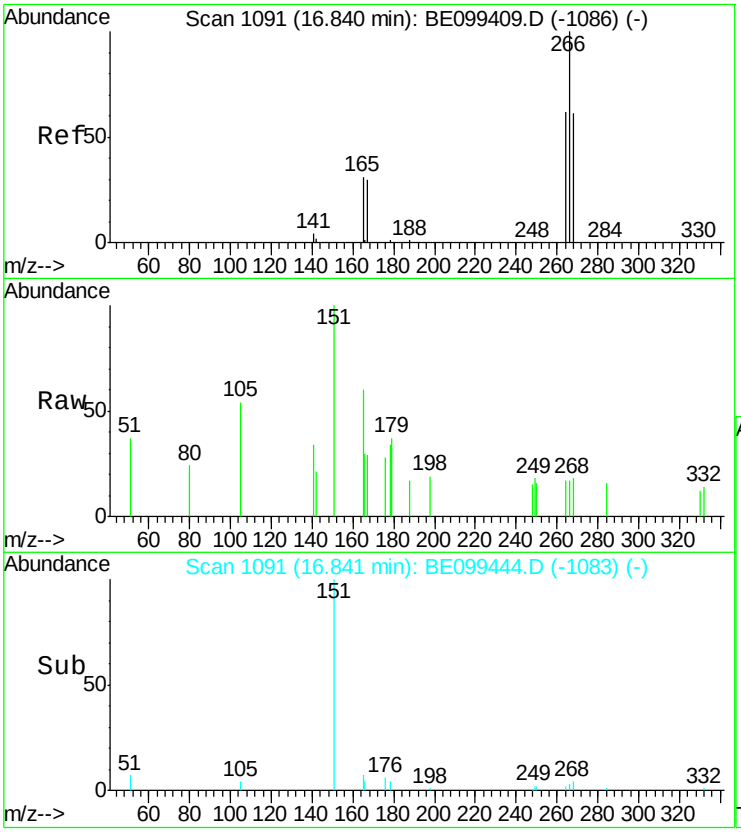


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:188 Resp: 23276

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.7	10.1#



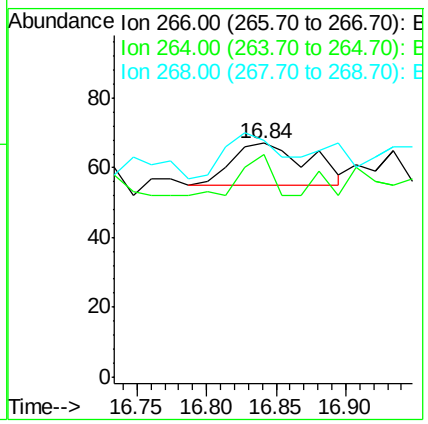


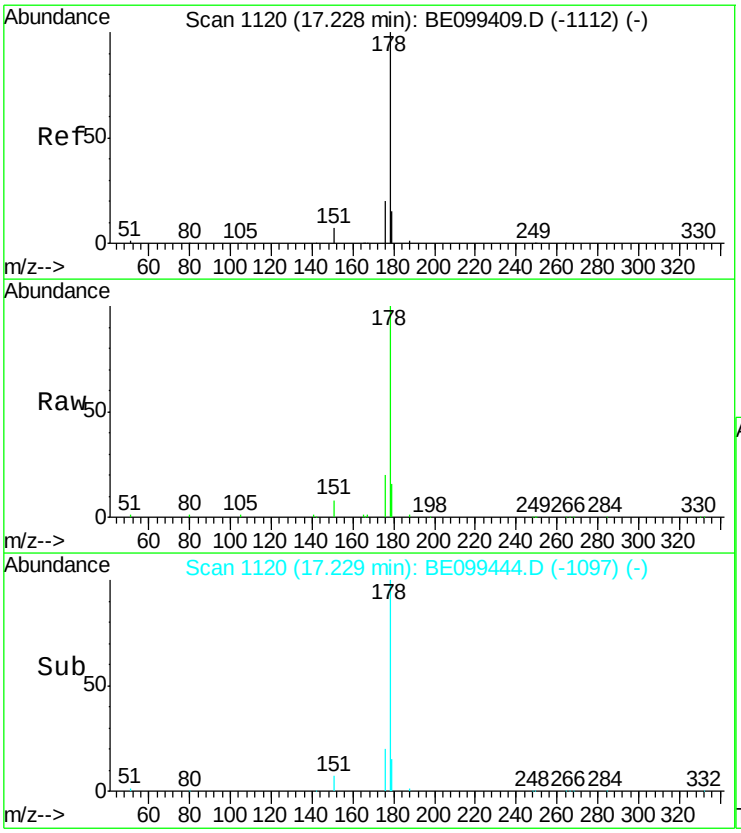
#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:266 Resp: 46

Ion	Ratio	Lower	Upper
266	100		
264	95.5	50.8	76.2#
268	101.5	50.5	75.7#

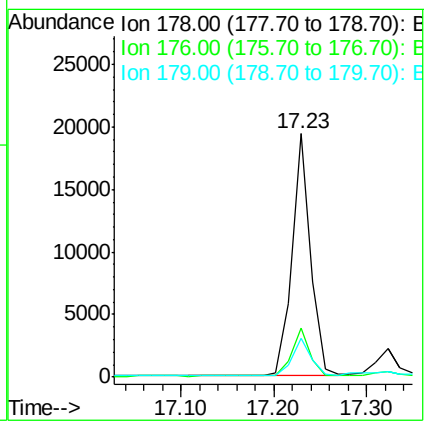


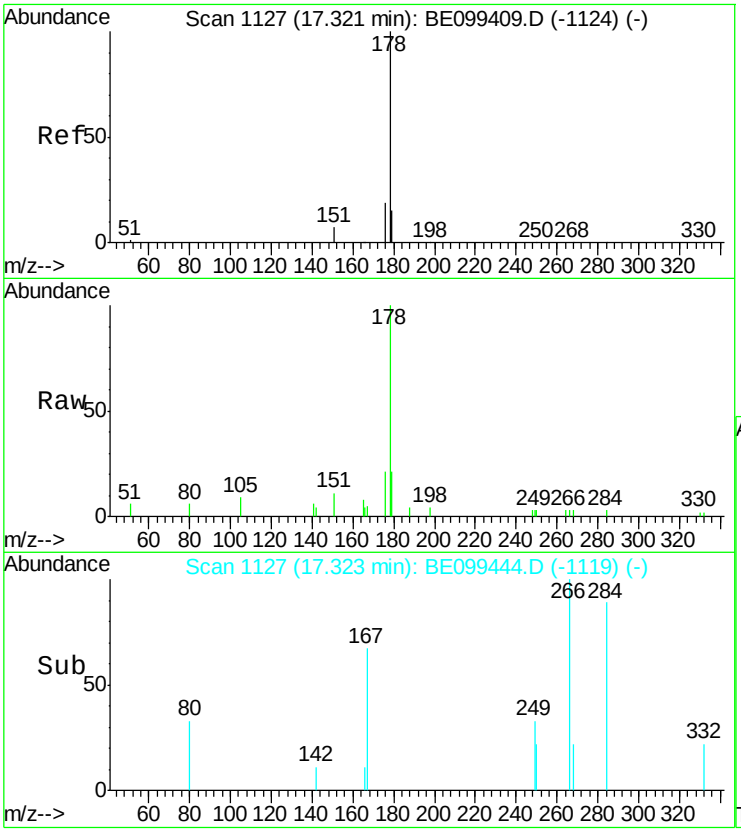


#23
Phenanthrene
Concen: 0.449 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:178 Resp: 26962

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.0	12.0	18.0



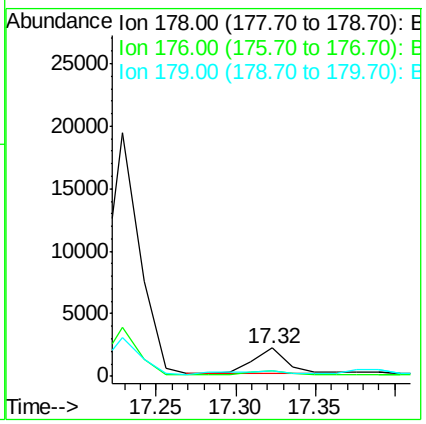


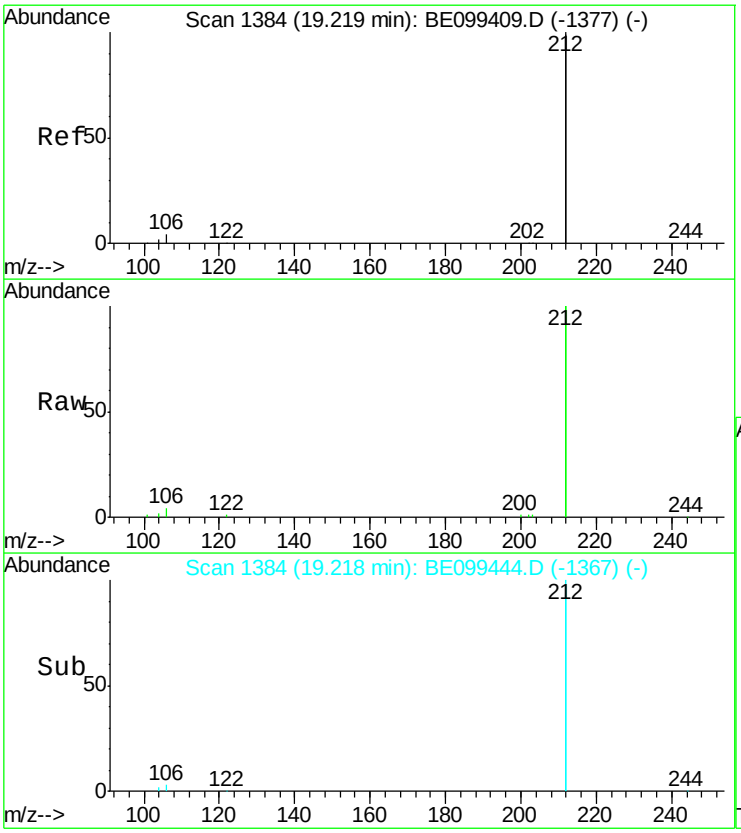
#24
Anthracene
Concen: 0.053 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:178 Resp: 3055

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.9	22.3
179	22.4	11.9	17.9#

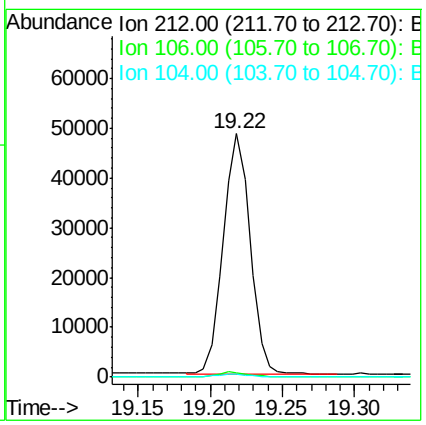


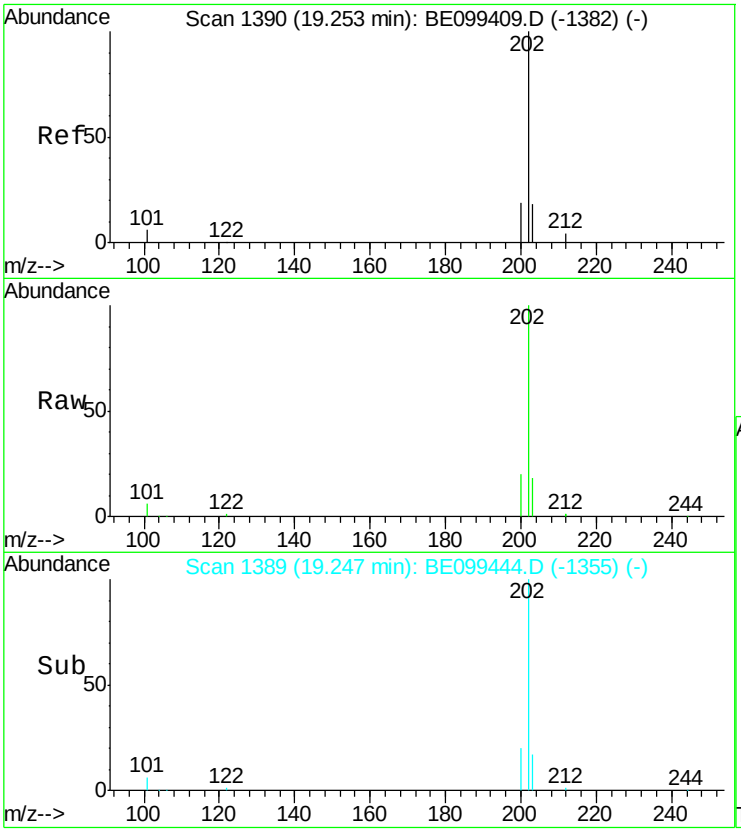


#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:212 Resp: 62358

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3



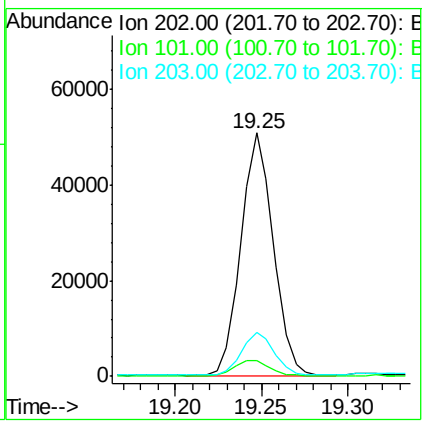


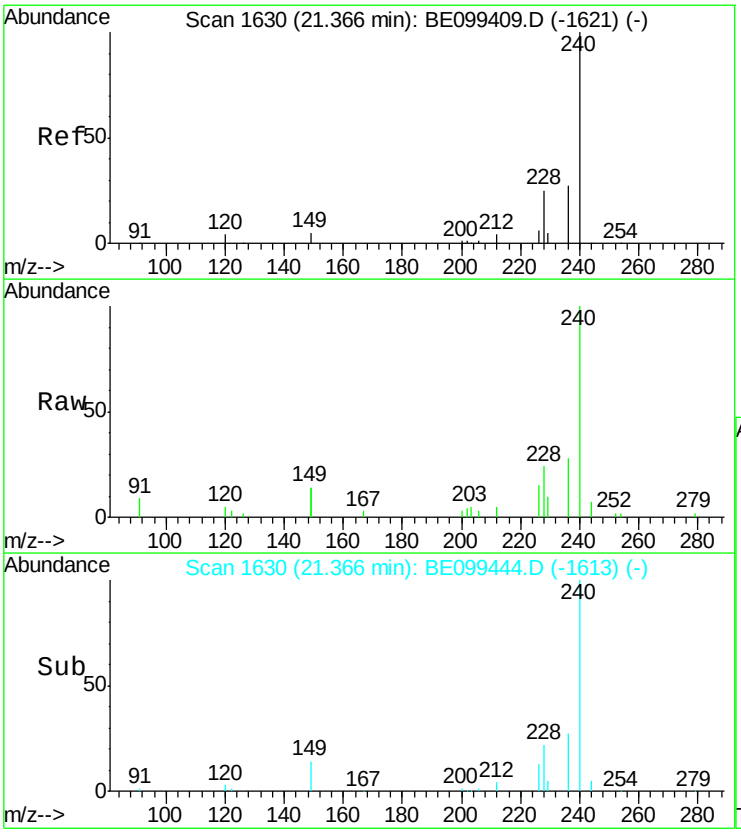
#26
Fluoranthene
Concen: 0.733 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:202 Resp: 65945

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.6	13.9	20.9

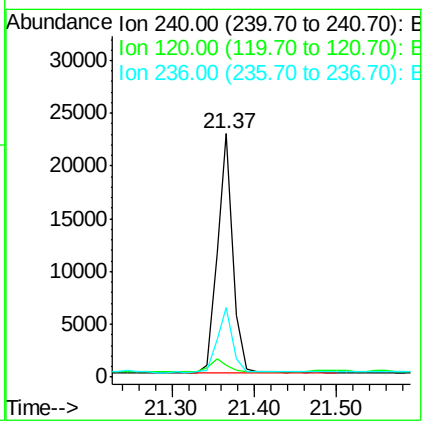


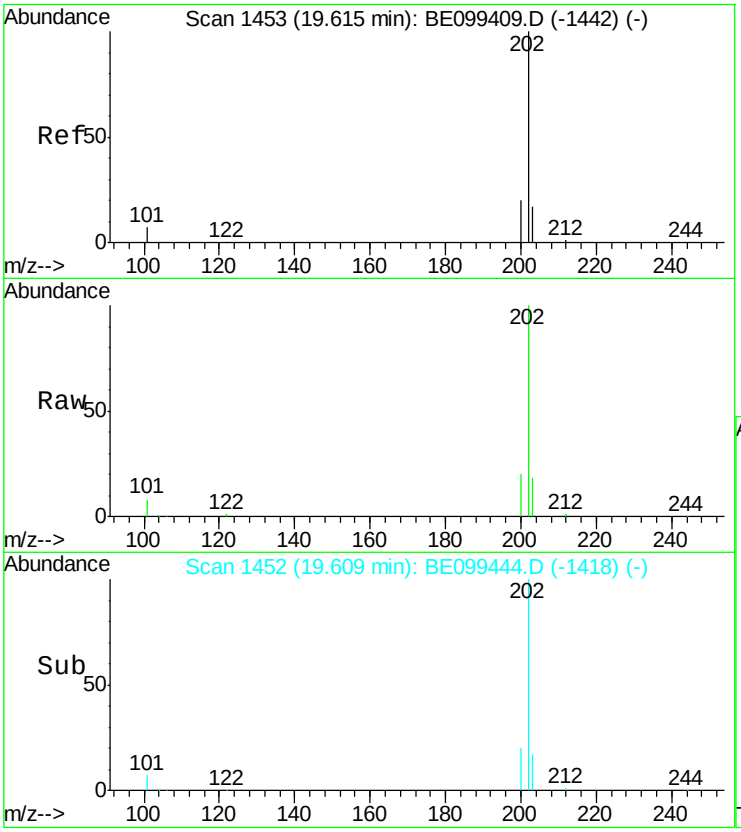


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:240 Resp: 30216

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.0	6.0
236	28.5	22.0	33.0



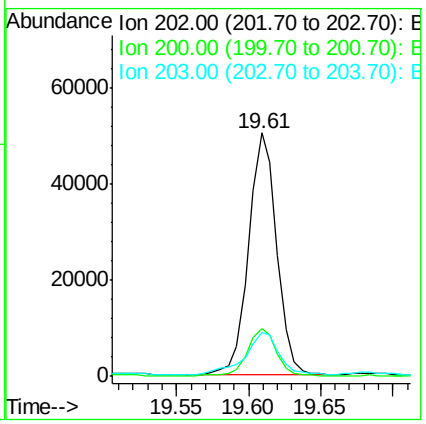


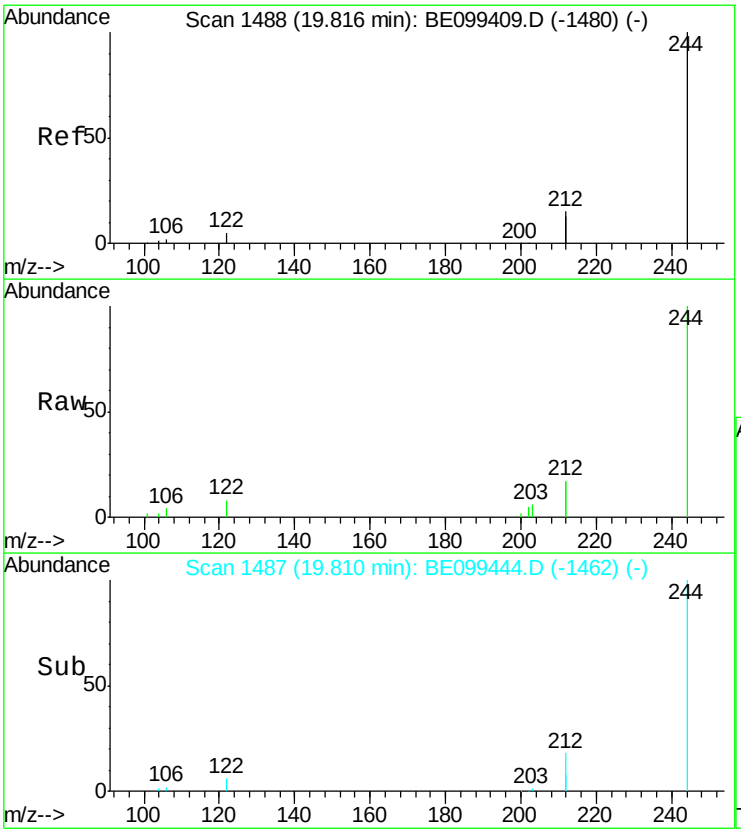
#28
Pyrene
Concen: 0.870 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:202 Resp: 68511

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	20.8	13.9	20.9

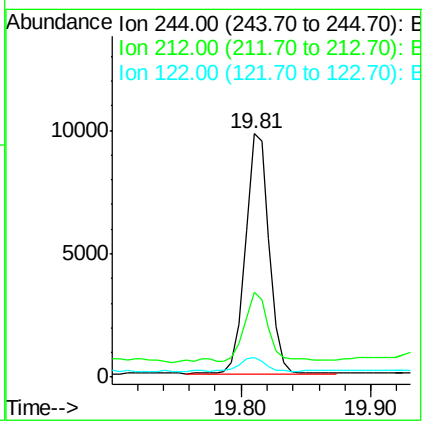


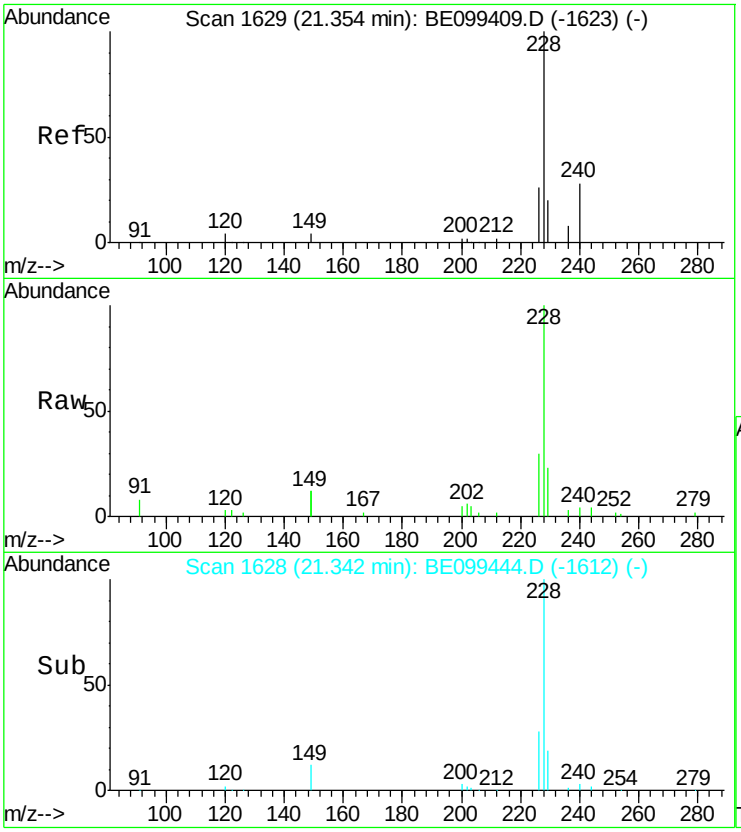


#29
Terphenyl-d14
Concen: 0.223 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:244 Resp: 12316

Ion	Ratio	Lower	Upper
244	100		
212	34.9	23.2	34.8#
122	8.2	4.2	6.4#



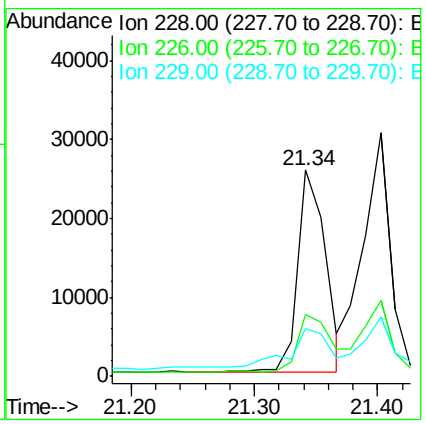


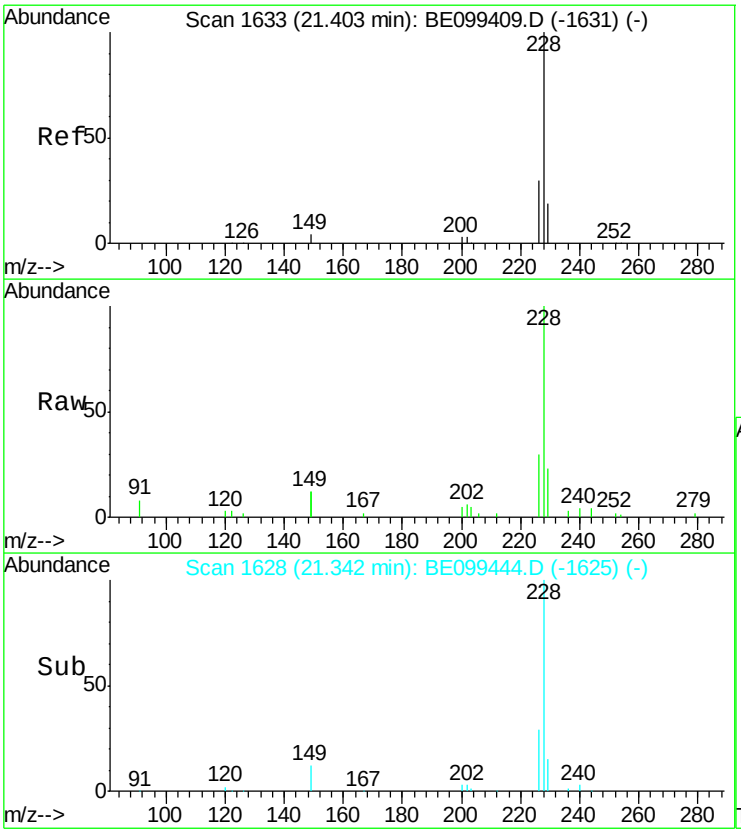
#30
Benzo(a)anthracene
Concen: 0.415 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:228 Resp: 39929

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.6
229	23.4	16.6	25.0

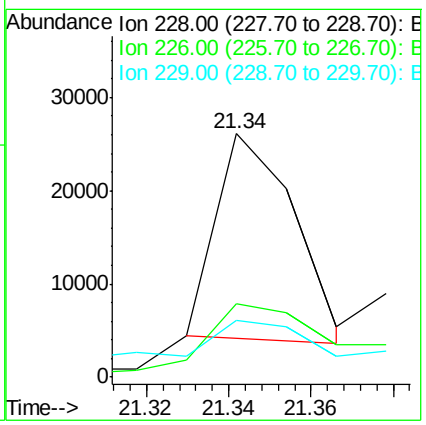


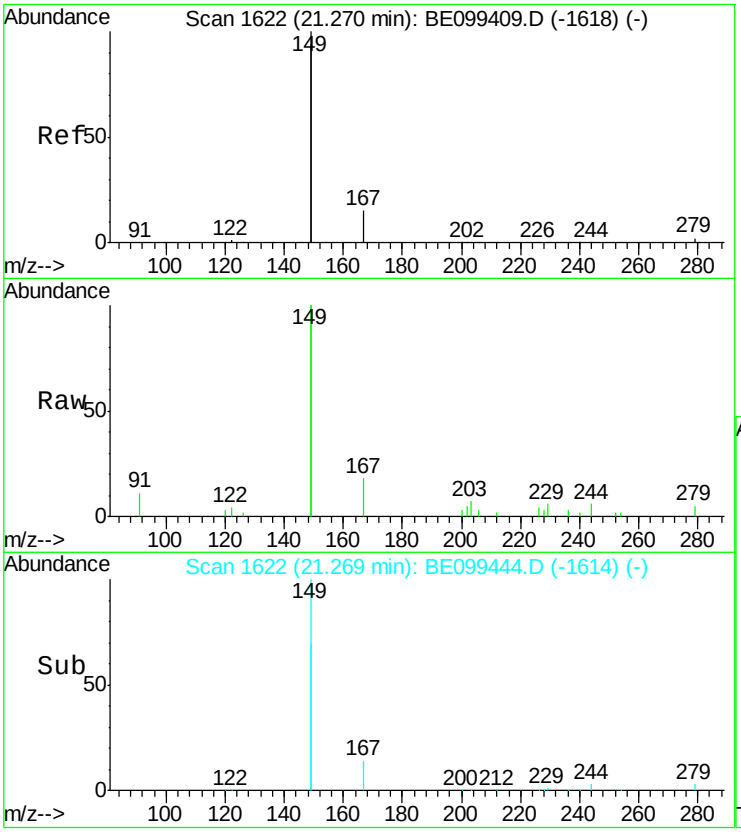


#31
Chrysene
Concen: 0.305 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.06 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:228 Resp: 28771

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	23.4	15.8	23.8



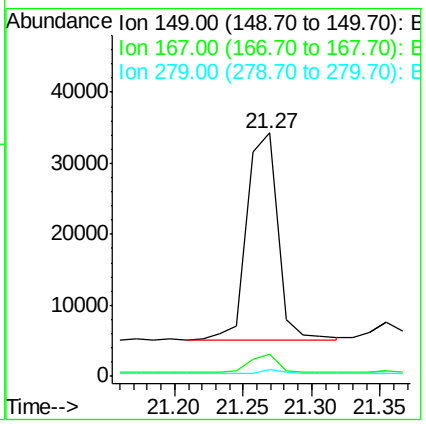


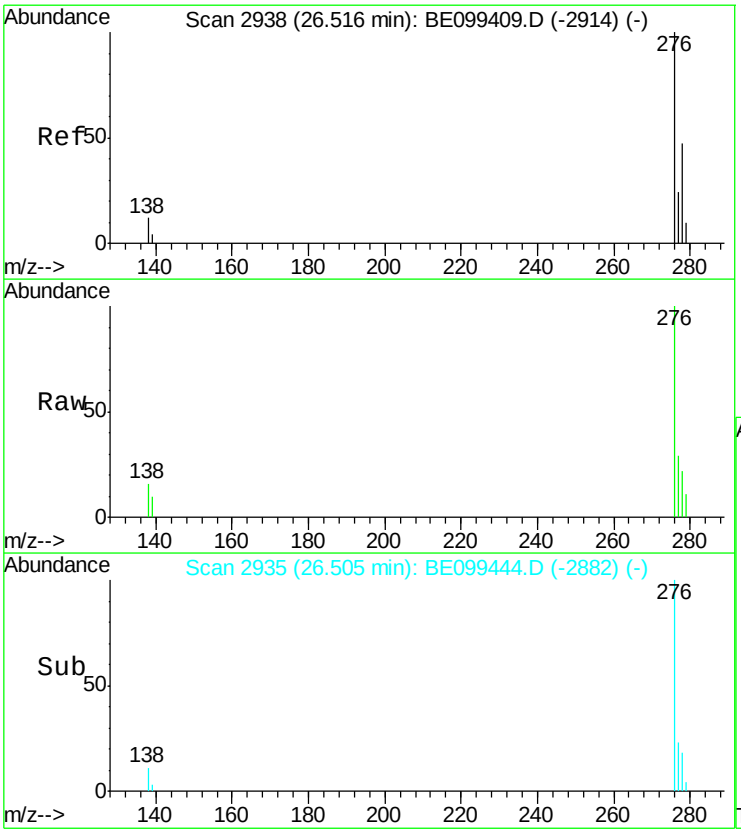
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.262 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:149 Resp: 45379

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.9	1.0	1.6#

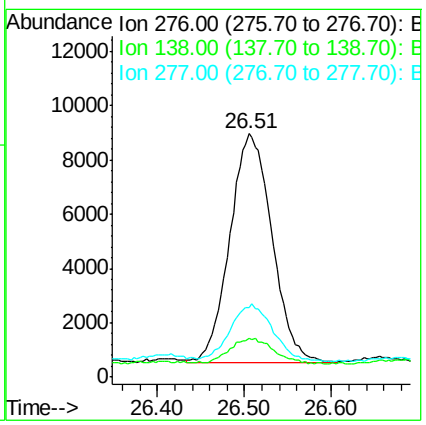


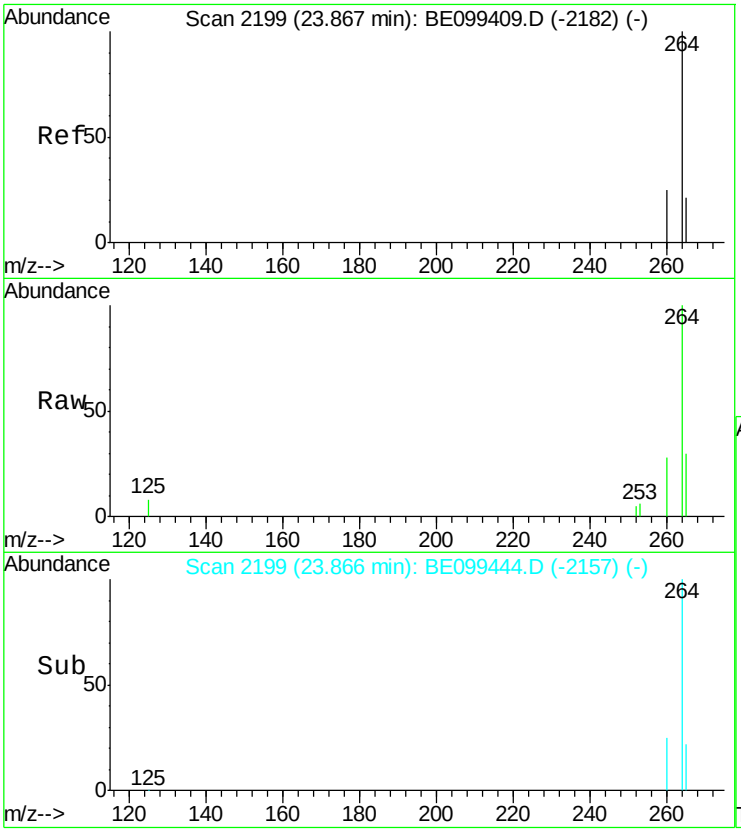


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:276 Resp: 28237

Ion	Ratio	Lower	Upper
276	100		
138	11.0	10.2	15.2
277	25.2	19.2	28.8



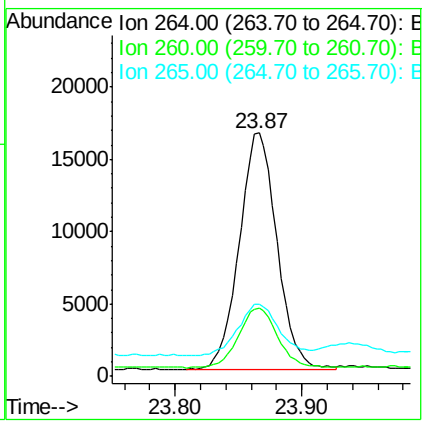


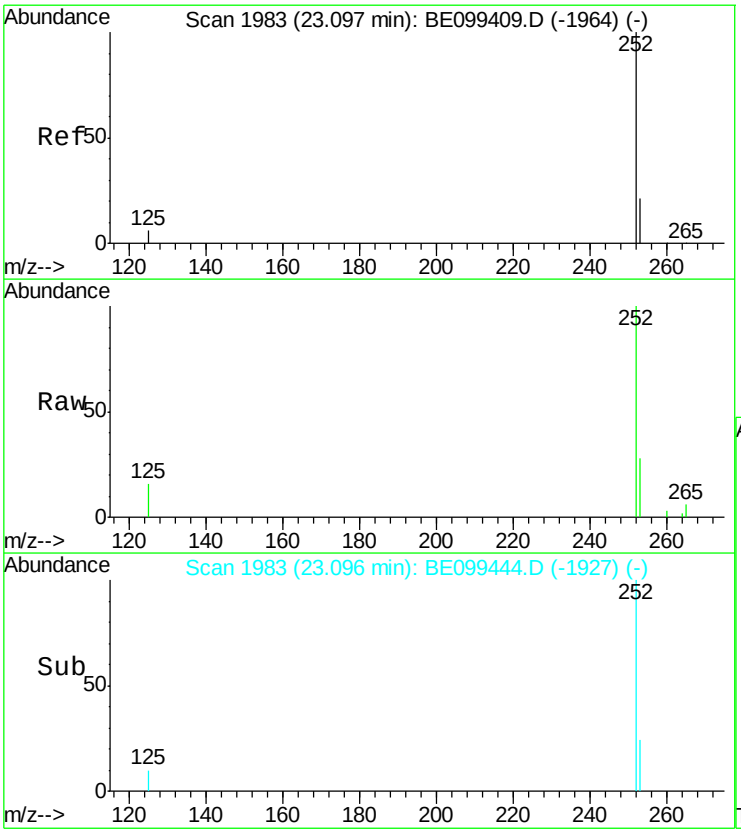
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:264 Resp: 33994

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.2	30.2
265	29.8	21.3	31.9

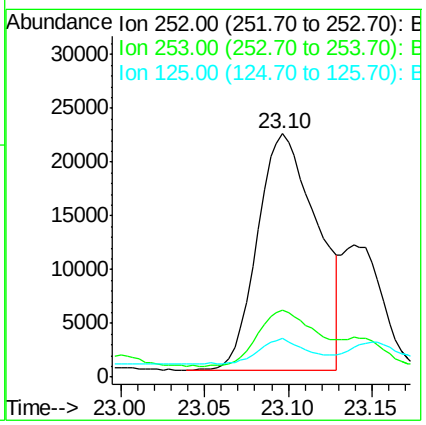


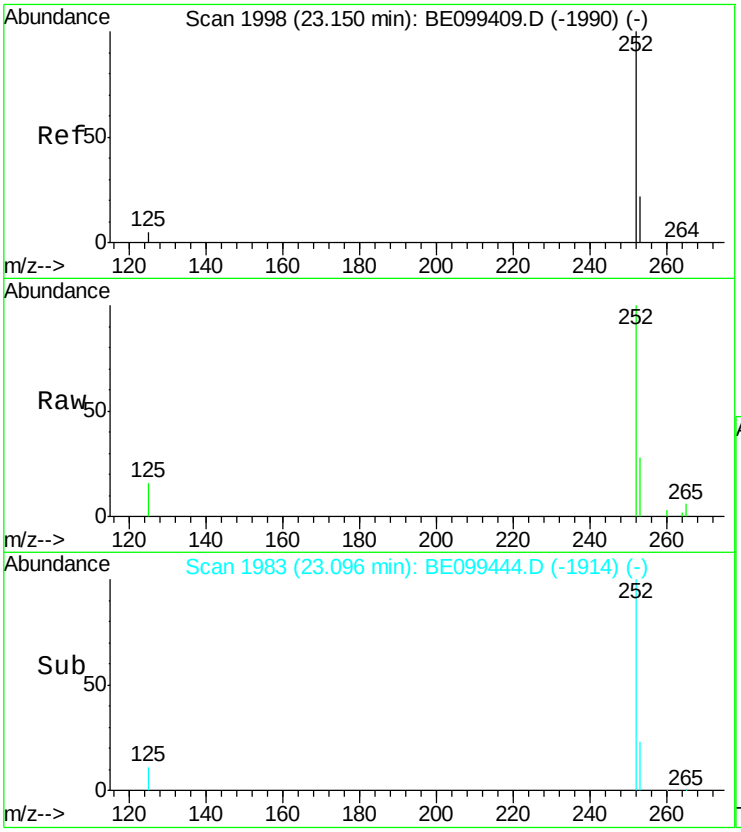


#35
Benzo(b)fluoranthene
Concen: 0.557 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:252 Resp: 54565

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.1	27.1#
125	15.7	5.6	8.4#



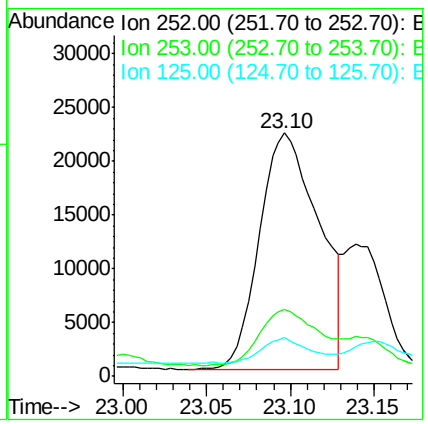


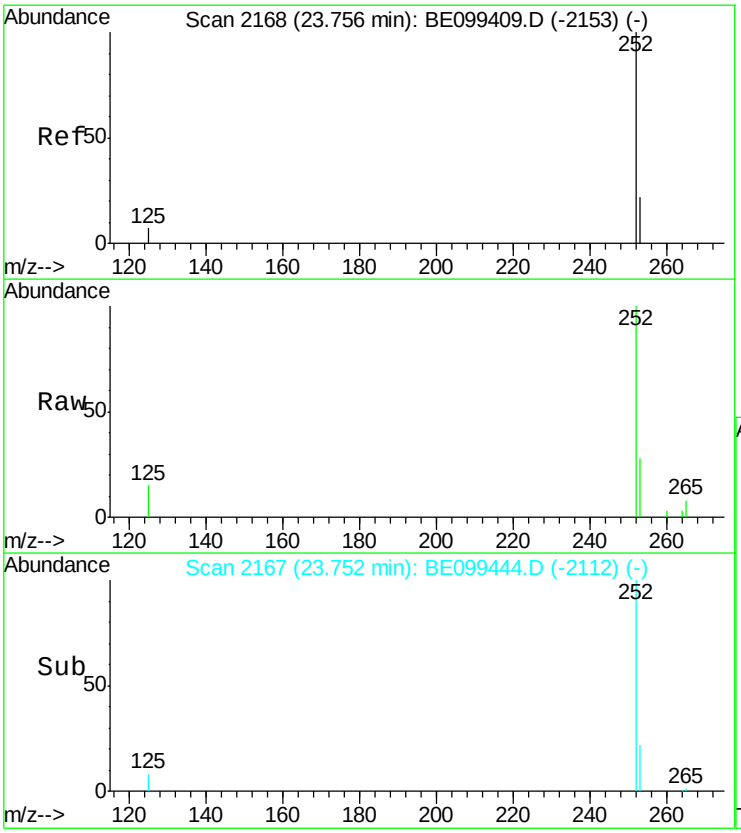
#36
Benzo(k)fluoranthene
Concen: 0.577 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:252 Resp: 54565

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6#
125	15.7	5.0	7.4#

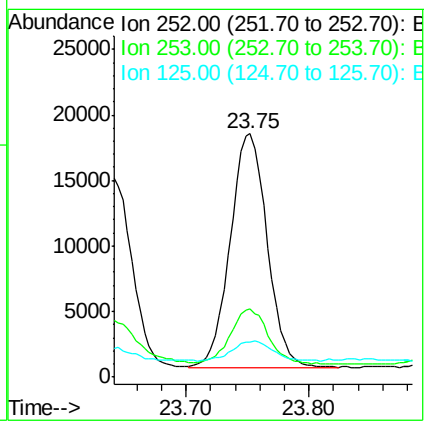


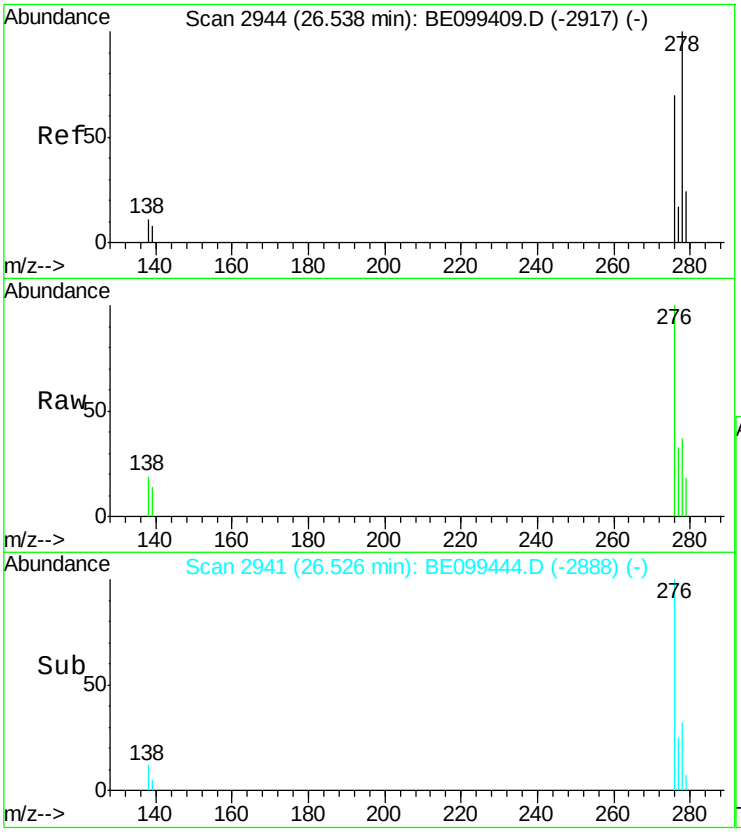


#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:252 Resp: 37090

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.9	28.3
125	14.5	6.7	10.1#



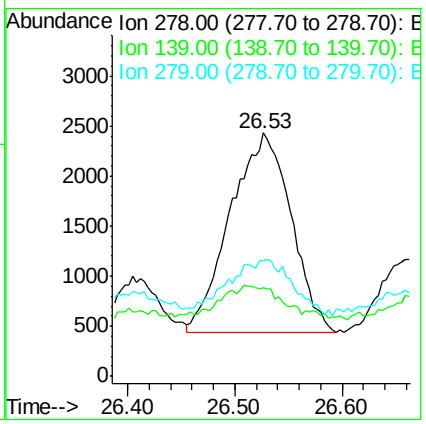


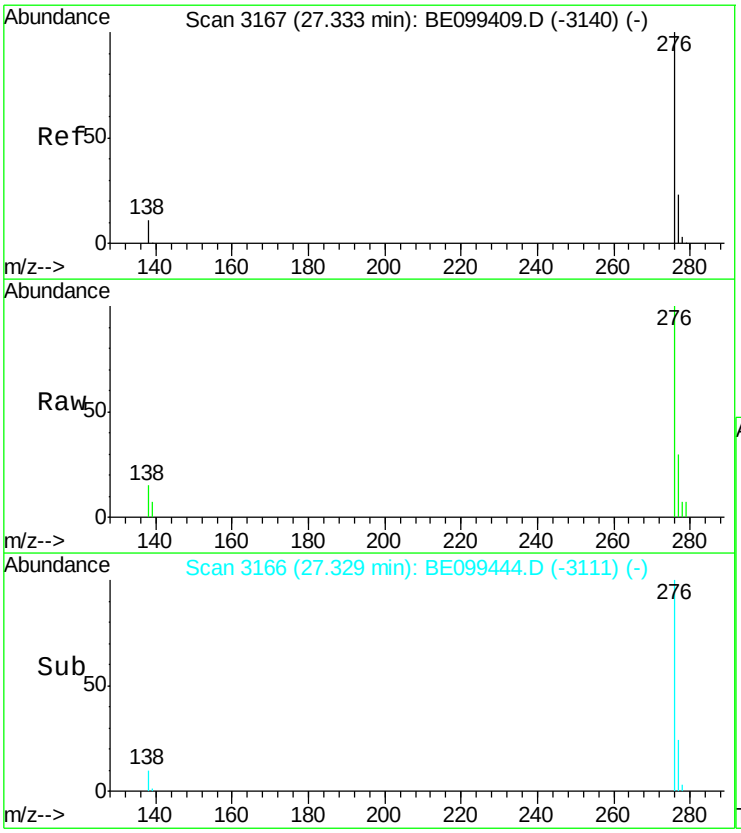
#38
Dibenzo(a,h)anthracene
Concen: 0.082 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Instrument :
BNA_E
ClientSampleId :
PST-023-SW096-042319

Tgt Ion:278 Resp: 7772

Ion	Ratio	Lower	Upper
278	100		
139	36.6	7.7	11.5#
279	47.6	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.312 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BE099444.D
Acq: 1 May 2019 2:27

Tgt Ion:276 Resp: 29588

Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.5	29.3#
138	15.3	9.6	14.4#