Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099489.D
Acq On : 2 May 2019 6:59
Operator : JU/SJ
Sample : K2569-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-004-SW019-042319

Quant Time: May 02 07:45:57 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	7.80	152	2459	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9741	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7642	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	23472	0.40	ng		0.00
27) Chrysene-d12	21.36	240	28775	0.40	ng		0.00
34) Perylene-d12	23.87	264	32868	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2131	0.31	ng		0.00
5) Phenol-d6	6.98	99	3220	0.36	ng		0.00
8) Nitrobenzene-d5	8.96	82	2587	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	3887	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1284	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	5408	0.19	ng		-0.02
25) Fluoranthene-d10	19.22	212	43992	0.14	ng		0.00
29) Terphenyl-d14	19.81	244	9230	0.18	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.68	42	72	0.035	ng	#	1
9) Naphthalene	10.65	128	11675	0.110	ng		99
12) 2-Methylnaphthalene	12.27	142	2641	0.143	ng		96
16) Acenaphthylene	14.18	152	2255	0.060	ng	#	90
17) Acenaphthene	14.51	154	1524	0.071	ng		93
18) Fluorene	15.49	166	3625	0.115	ng	#	94
22) Pentachlorophenol	16.83	266	39	0.221	ng	#	70
23) Phenanthrene	17.23	178	186466	3.079	ng		99
24) Anthracene	17.32	178	22733	0.394	ng	#	90
26) Fluoranthene	19.25	202	776492	8.559	ng		99
28) Pyrene	19.61	202	644336	8.590	ng	#	94
30) Benzo(a)anthracene	21.35	228	382275	4.170	ng		98
31) Chrysene	21.40	228	462657	5.157	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	61621	0.405	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	292440	2.758	ng	#	97
35) Benzo(b)fluoranthene	23.10	252	583557	6.157	ng	#	98
36) Benzo(k)fluoranthene	23.10	252	583557	6.385	ng		99
37) Benzo(a)pyrene	23.64	252	282535	3.153	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	69687	0.760	ng		97
39) Benzo(g,h,i)perylene	27.33	276	279643	3.045	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BE099489.D
Acq On : 2 May 2019 6:59
Operator : JU/SJ
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Instrument :
BNA_E
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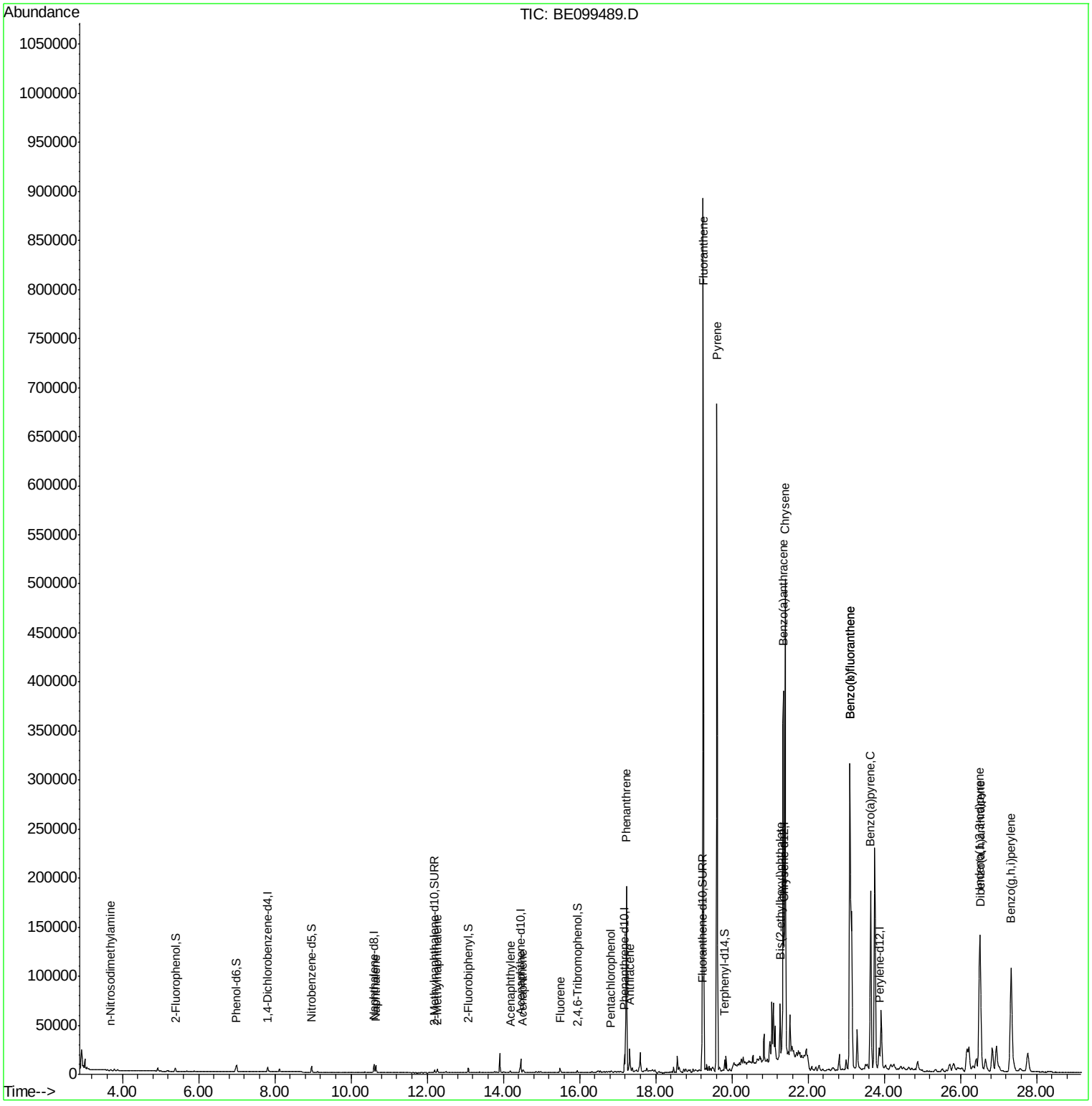
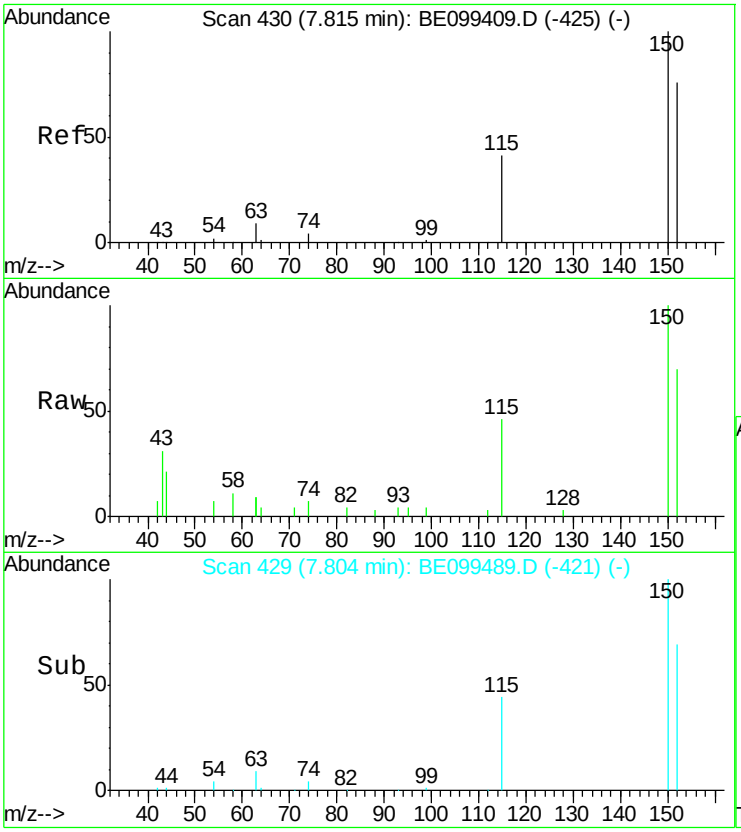
PST-004-SW019-042319

Quant Time: May 02 07:45:57 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



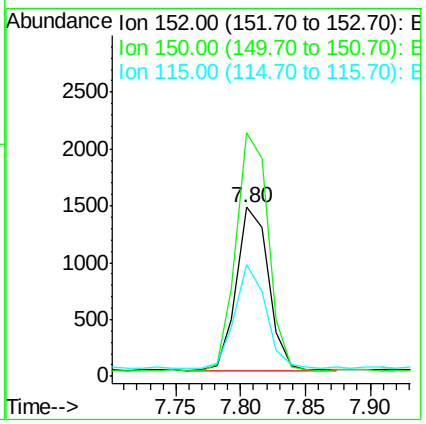


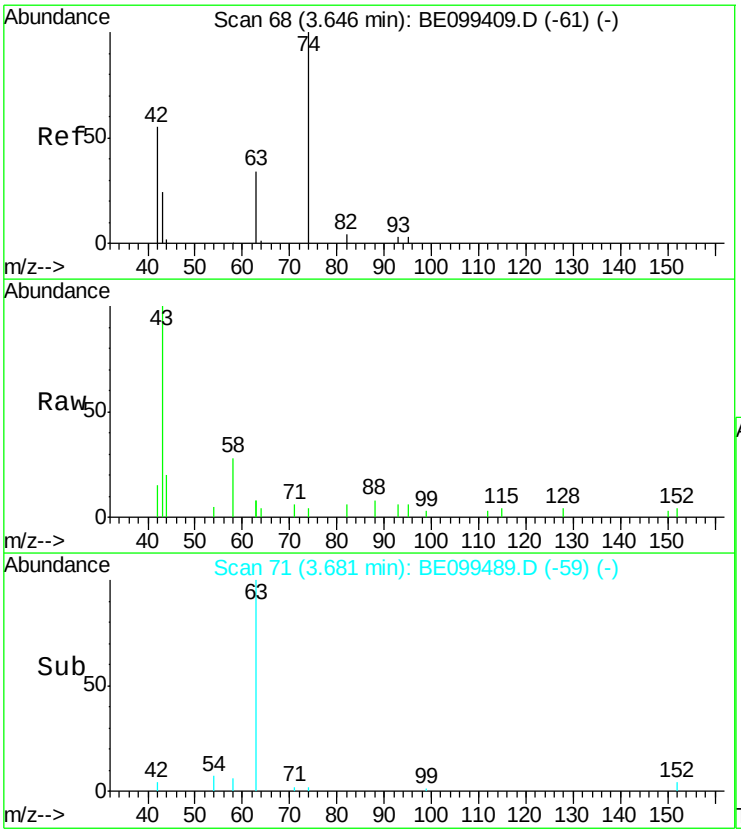
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:152 Resp: 2459

Ion	Ratio	Lower	Upper
152	100		
150	143.9	104.8	157.2
115	66.4	46.6	69.8

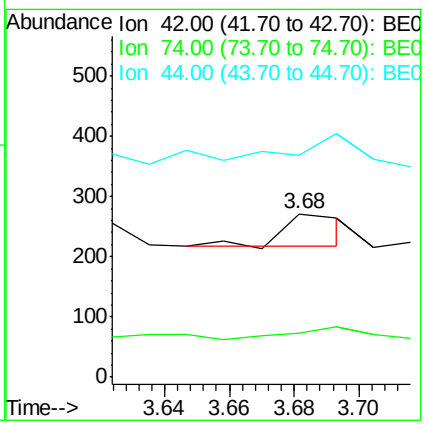


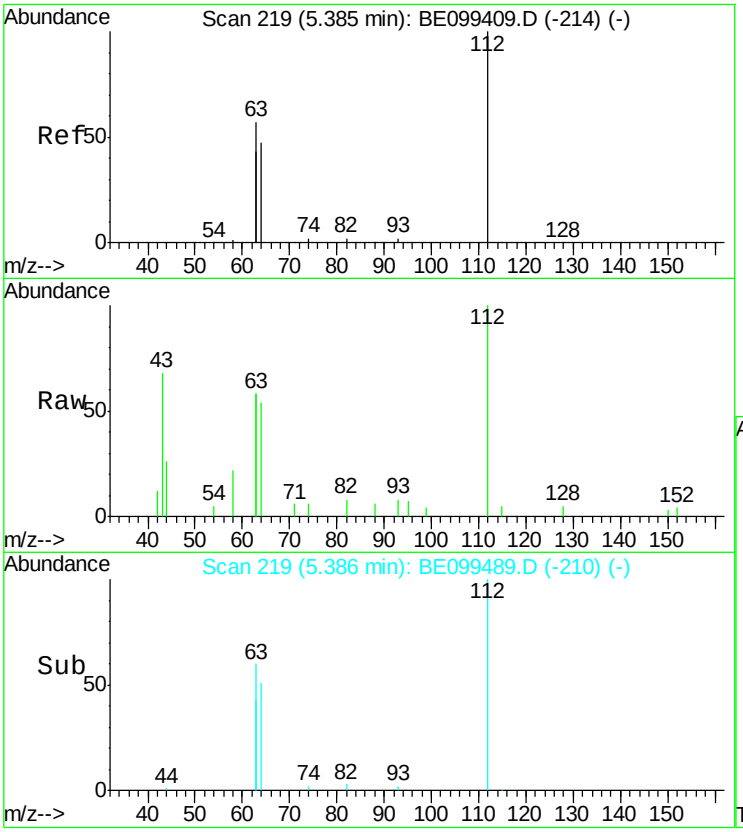


#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.04 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion: 42 Resp: 72

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



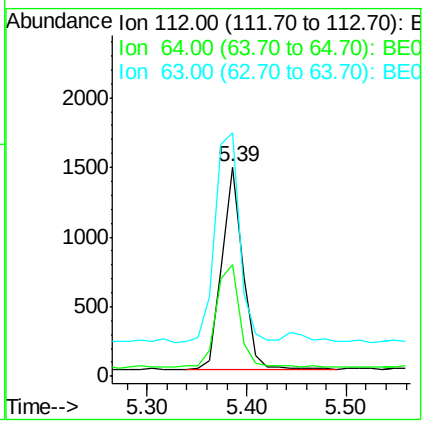


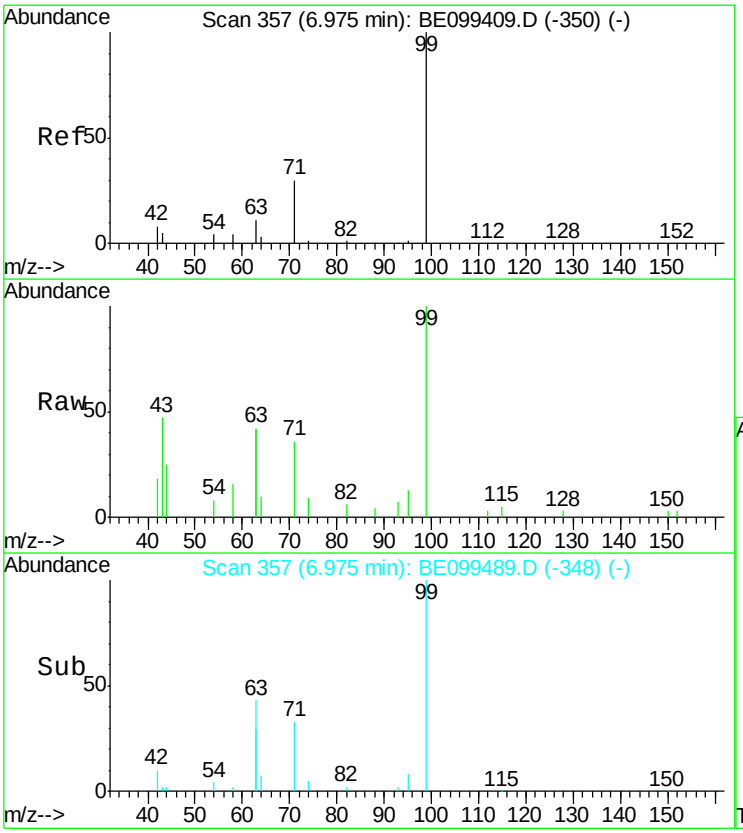
#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:112 Resp: 2131

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.4	71.0
63	120.6	104.3	156.5

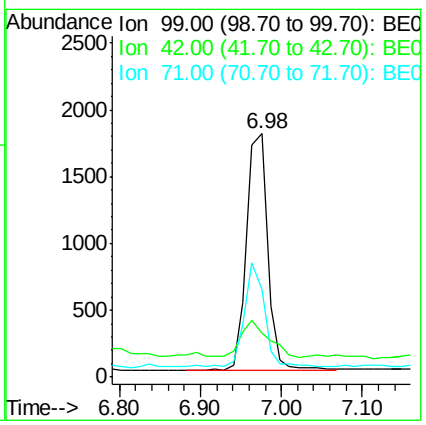


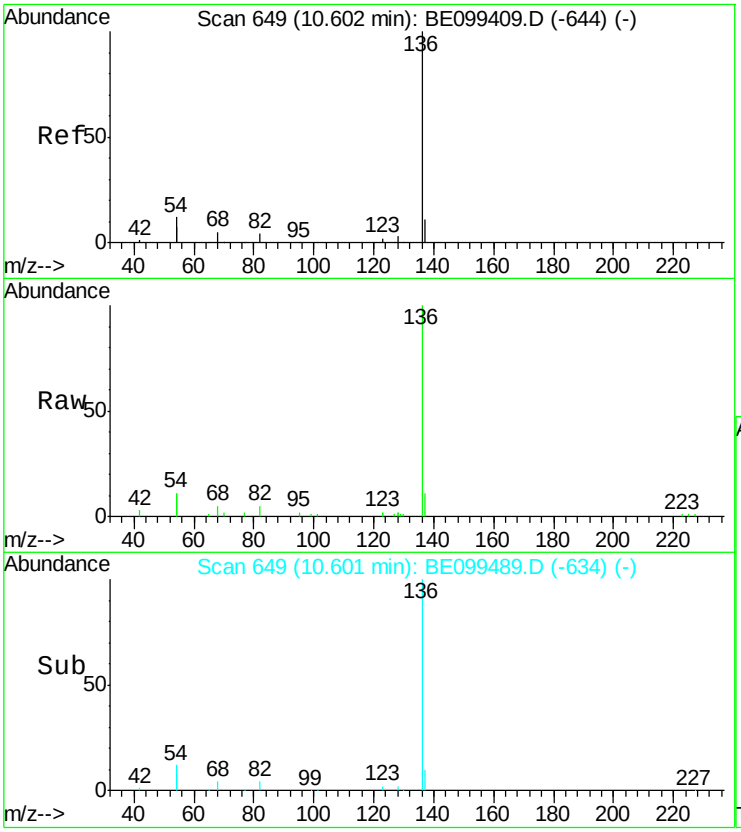


#5
Phenol-d6
Concen: 0.356 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion: 99 Resp: 3220

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.9	22.3
71	42.2	33.0	49.6



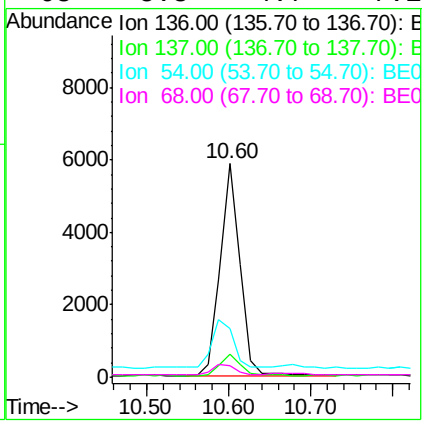


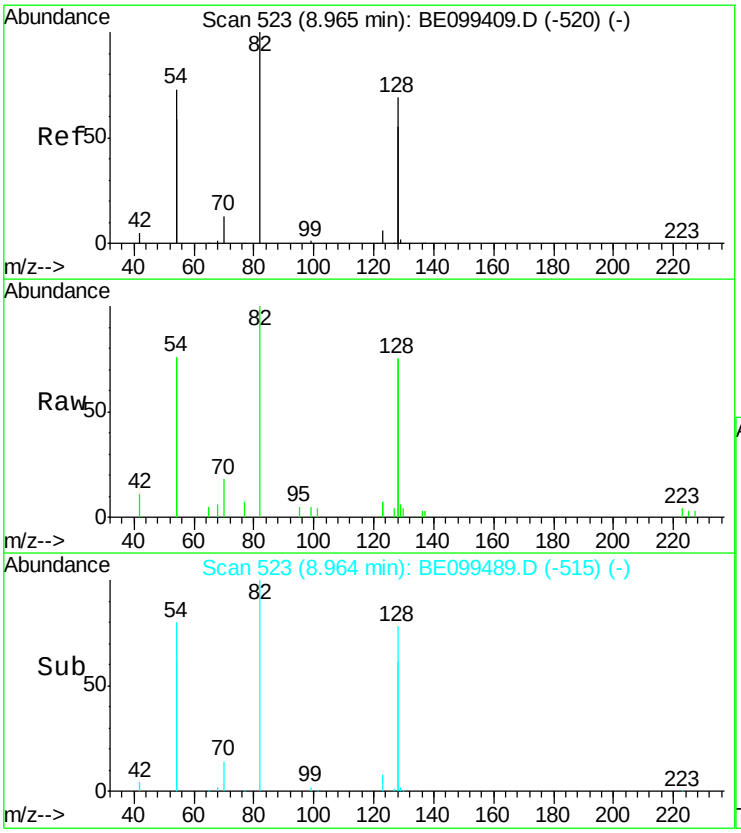
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:136 Resp: 9741

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	22.9	18.5	27.7
68	5.3	4.7	7.1

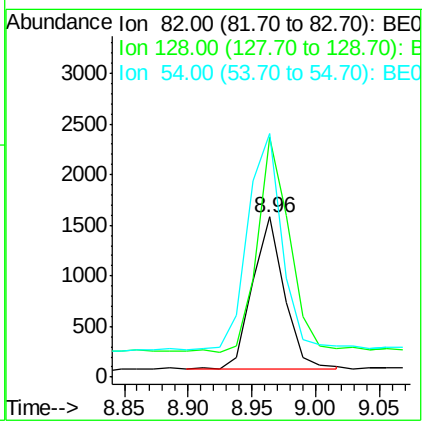


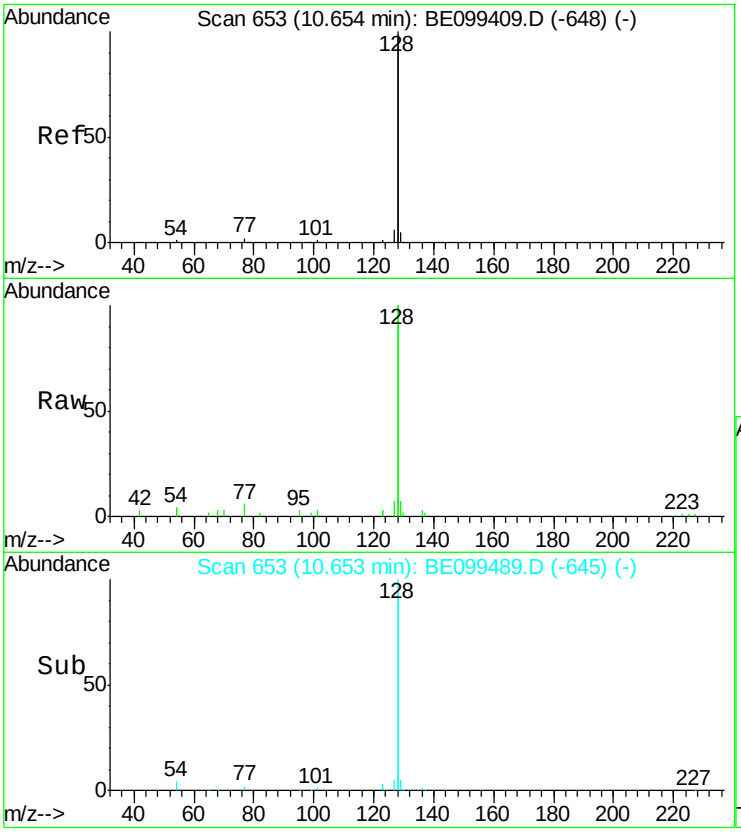


#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion: 82 Resp: 2587

Ion	Ratio	Lower	Upper
82	100		
128	149.3	107.0	160.4
54	152.0	113.1	169.7



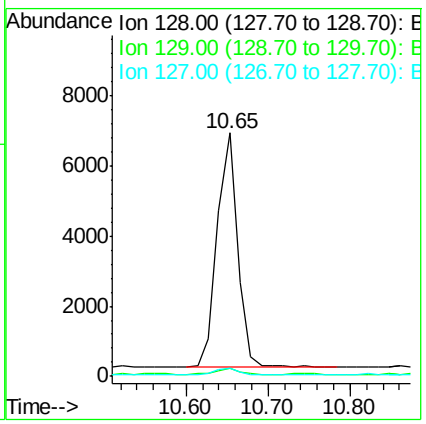


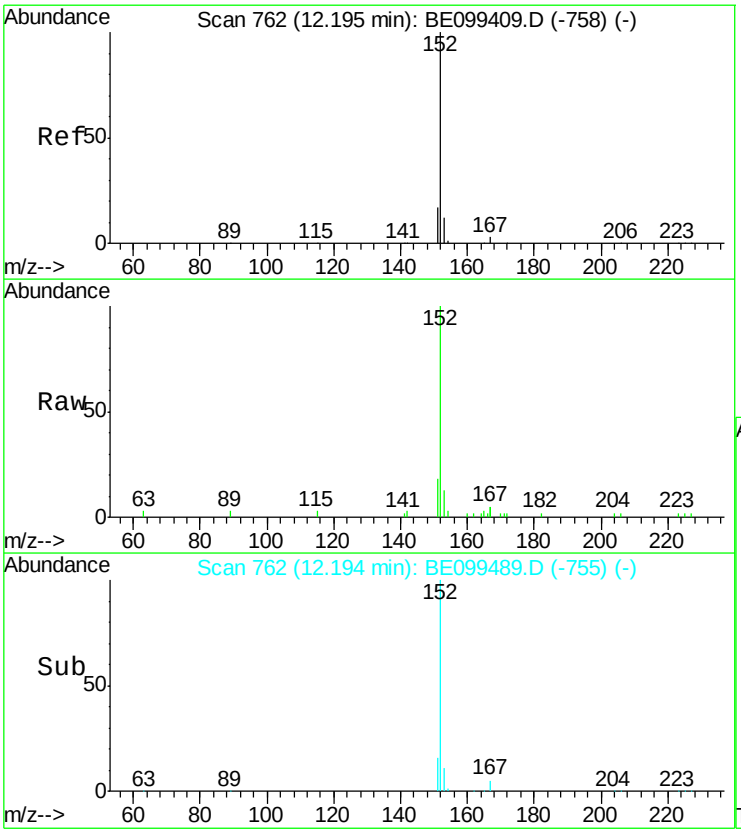
#9
Naphthalene
Concen: 0.110 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:128 Resp: 11675

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.4	3.6
127	3.4	2.8	4.2

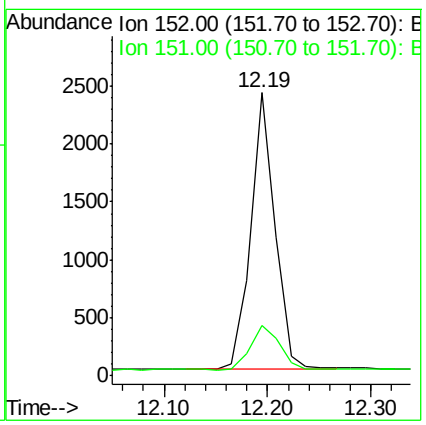


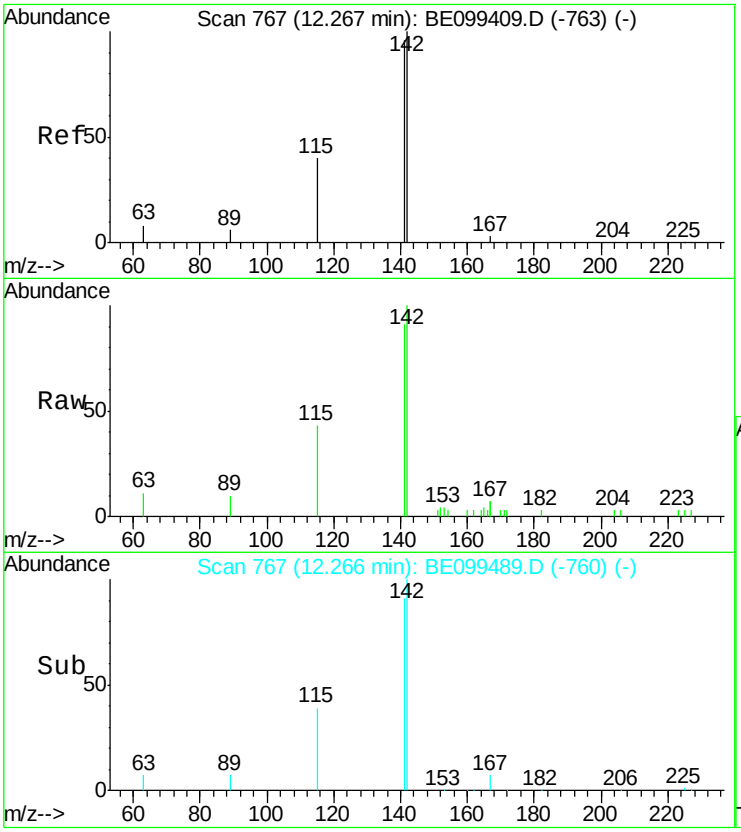


#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:152 Resp: 3887

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3



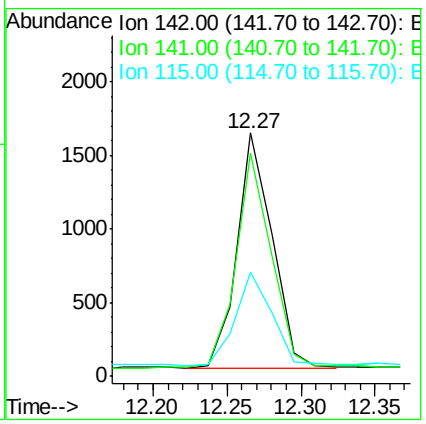


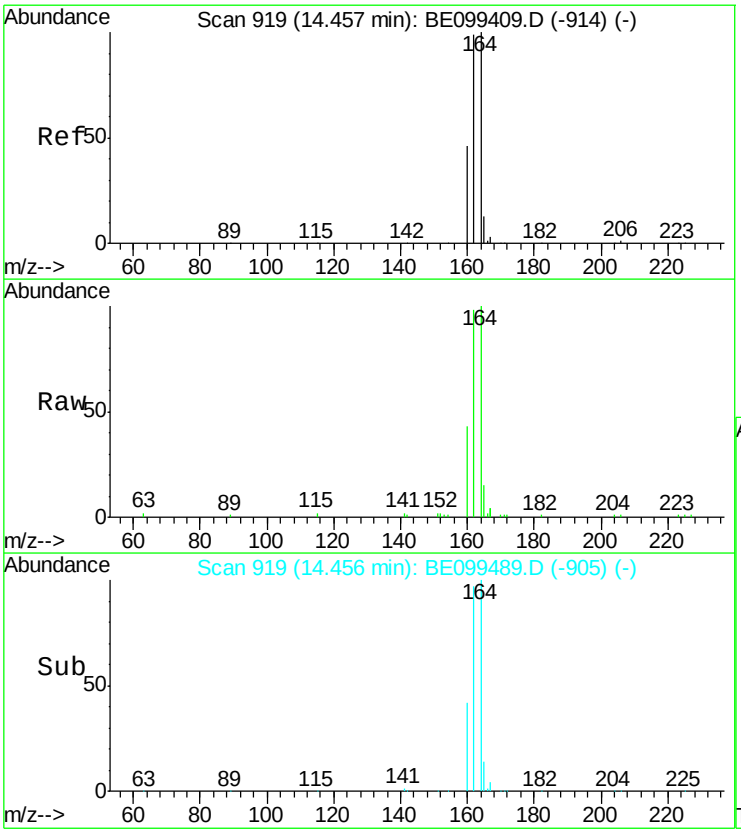
#12
2-Methylnaphthalene
Concen: 0.143 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:142 Resp: 2641

Ion	Ratio	Lower	Upper
142	100		
141	91.5	77.0	115.4
115	42.7	33.4	50.0

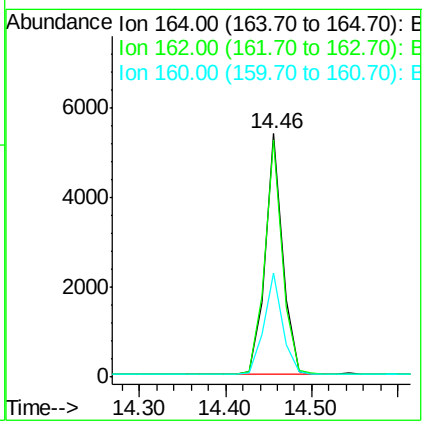


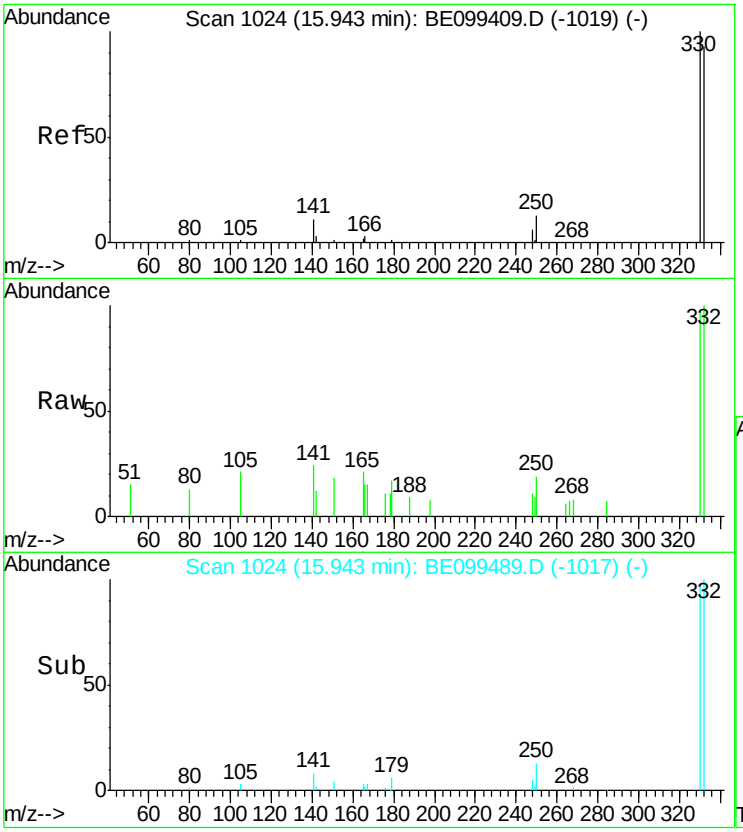


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:164 Resp: 7642

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.4
160	42.7	37.0	55.4



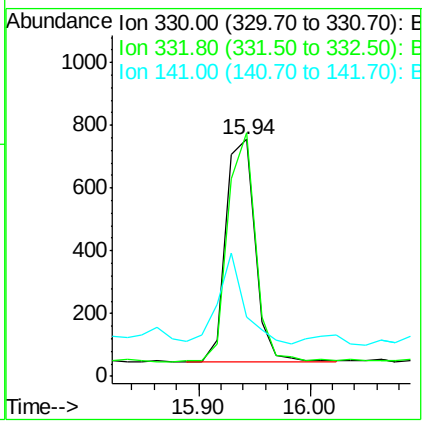


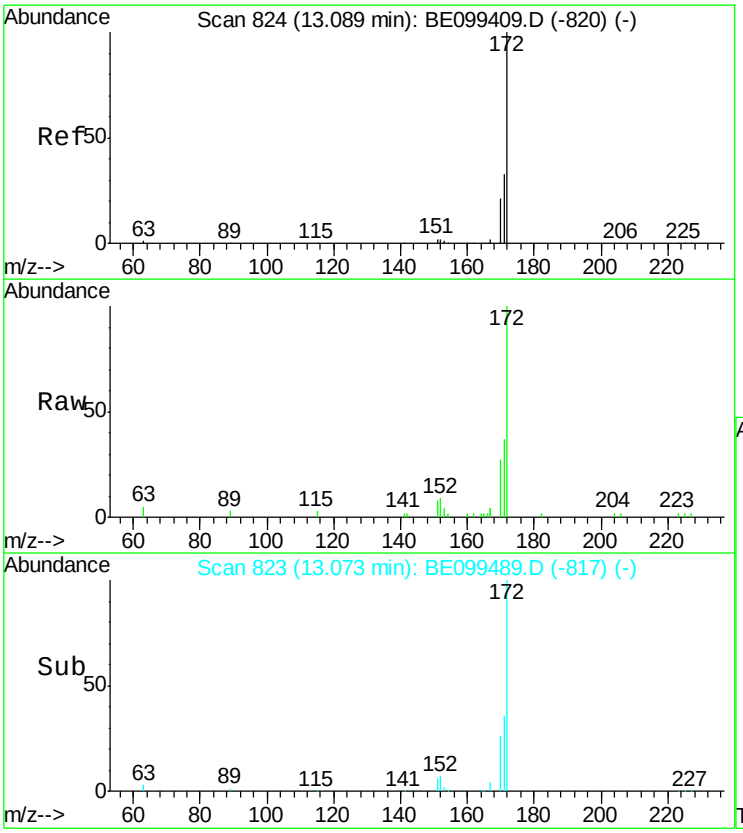
#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:330 Resp: 1284

Ion	Ratio	Lower	Upper
330	100		
332	101.2	71.5	107.3
141	36.6	24.0	36.0#

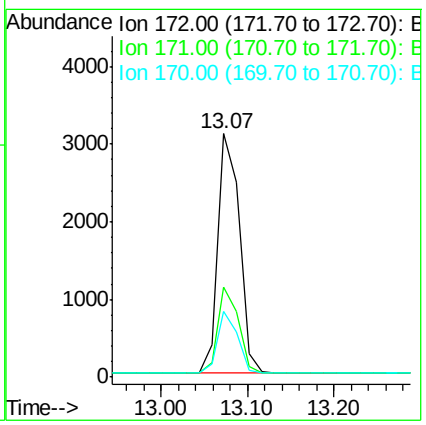


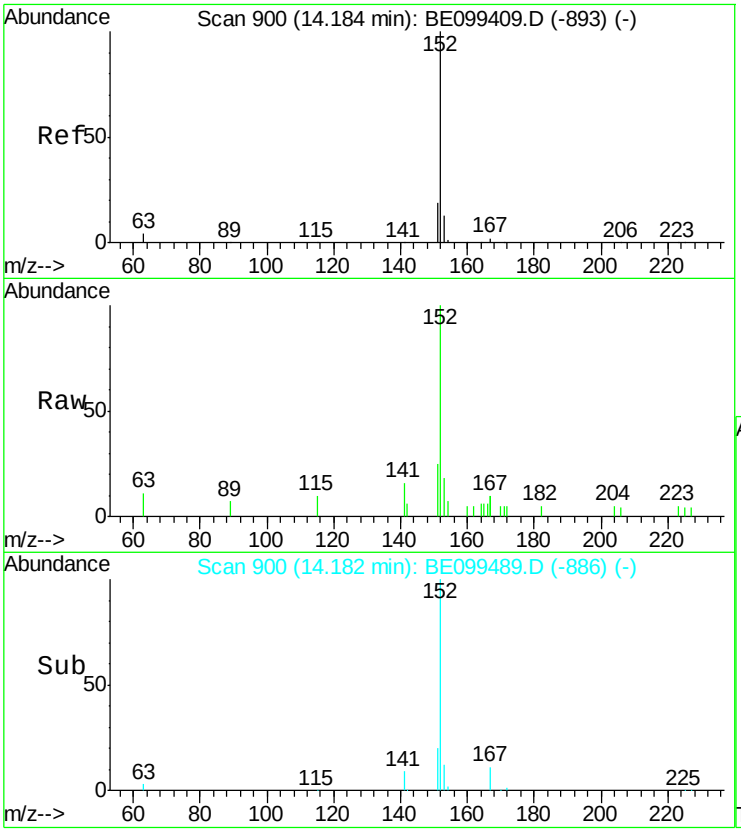


#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:172 Resp: 5408

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.6	39.8
170	26.8	17.0	25.6#



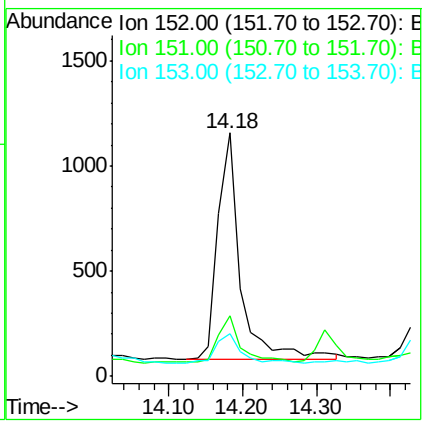


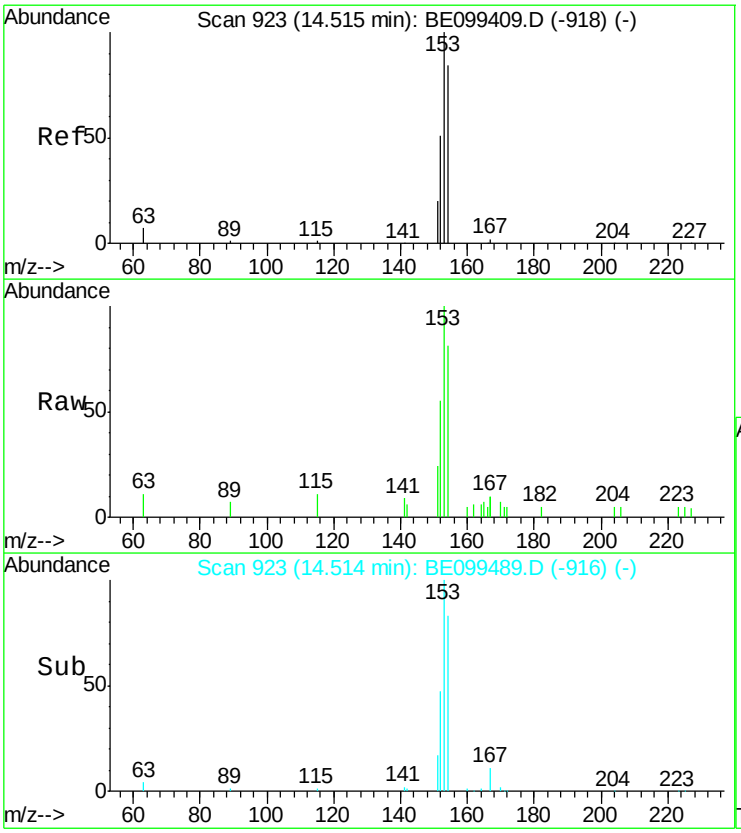
#16
Acenaphthylene
Concen: 0.060 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:152 Resp: 2255

Ion	Ratio	Lower	Upper
152	100		
151	24.4	15.4	23.2#
153	15.7	9.8	14.6#

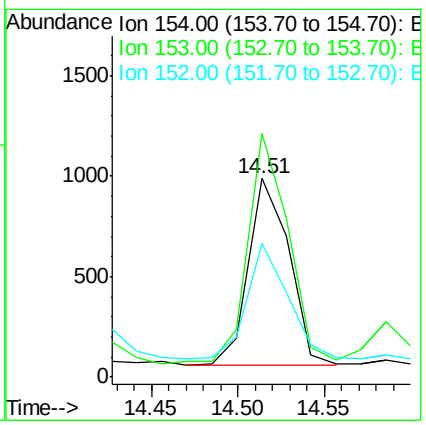


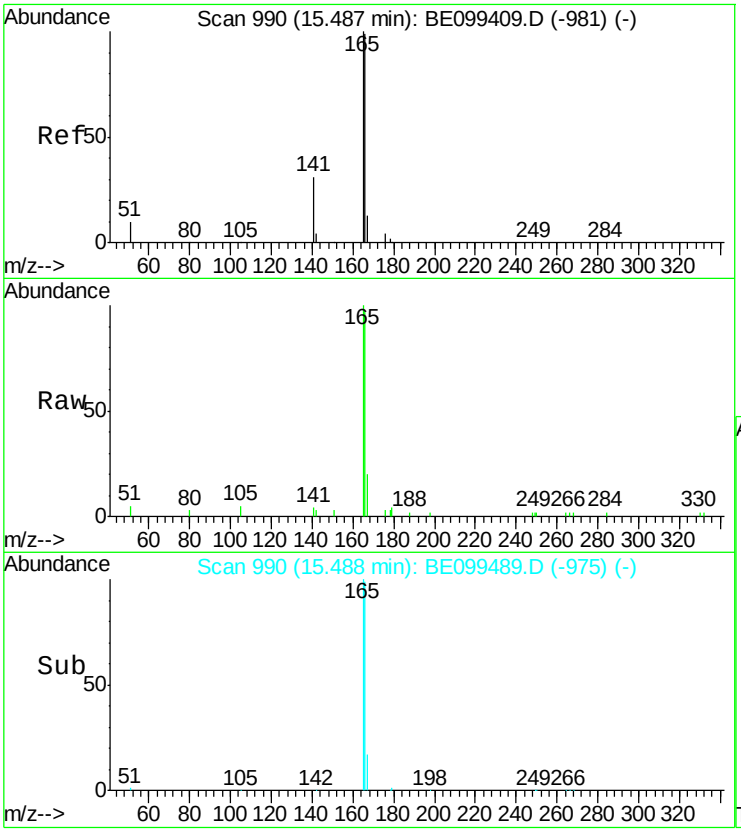


#17
Acenaphthene
Concen: 0.071 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:154 Resp: 1524

Ion	Ratio	Lower	Upper
154	100		
153	123.8	92.6	138.8
152	61.2	45.8	68.8



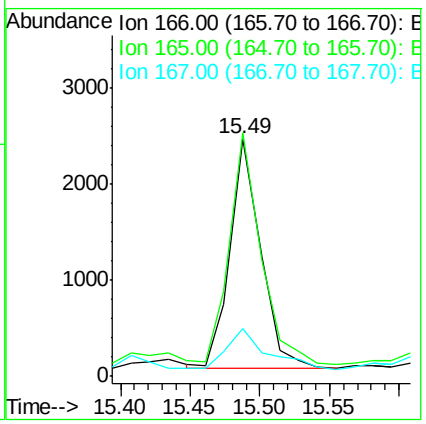


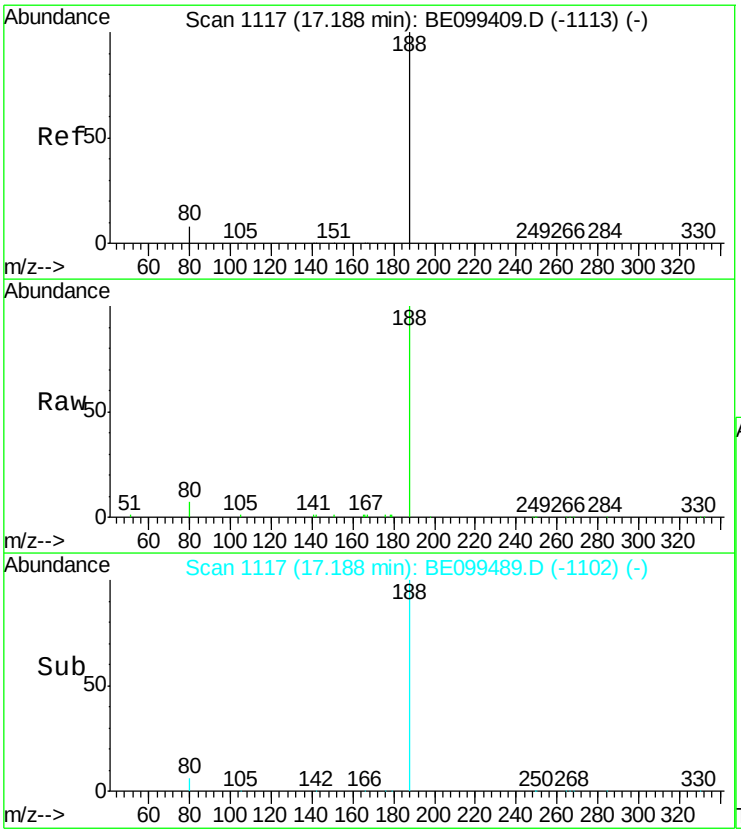
#18
Fluorene
Concen: 0.115 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:166 Resp: 3625

Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.3	120.5
167	23.3	10.7	16.1#

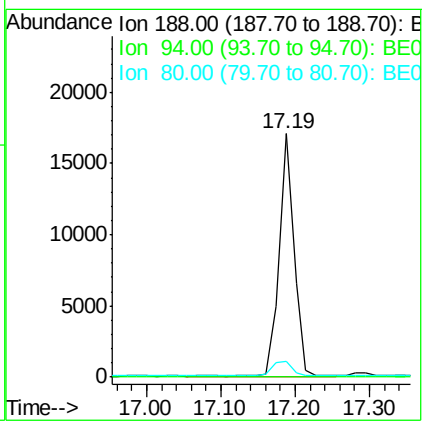


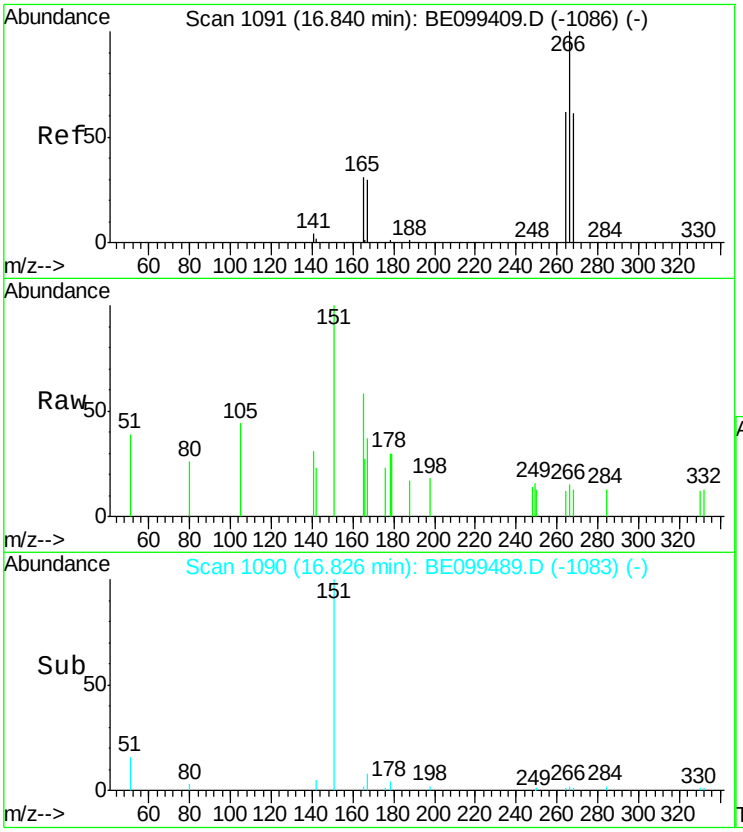


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:188 Resp: 23472

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#



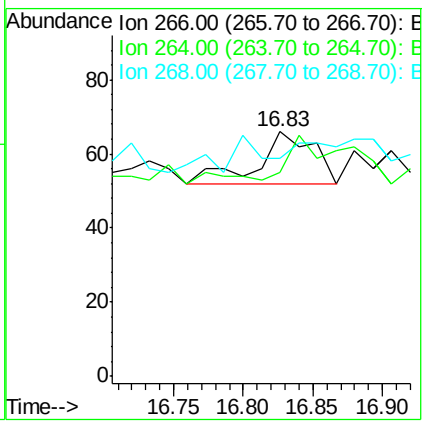


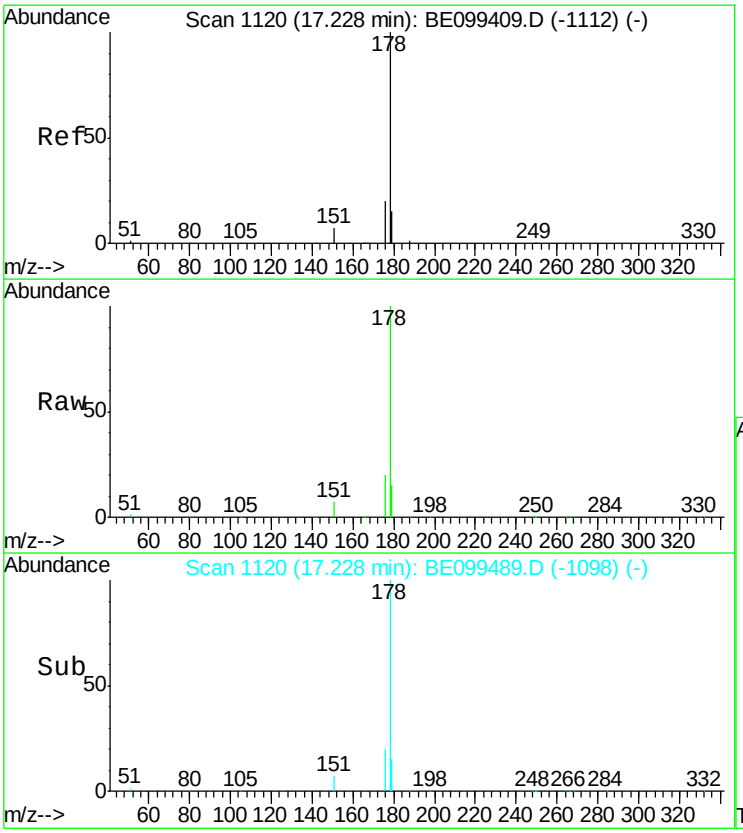
#22
Pentachlorophenol
Concen: 0.221 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	83.3	50.8	76.2#
268	89.4	50.5	75.7#

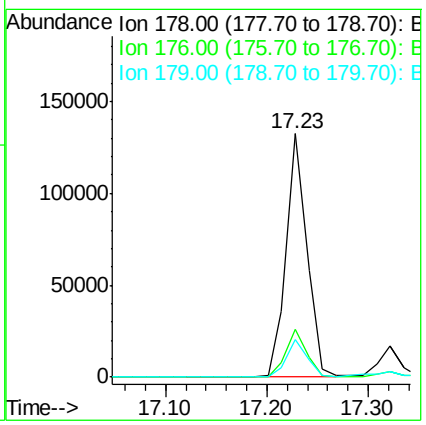


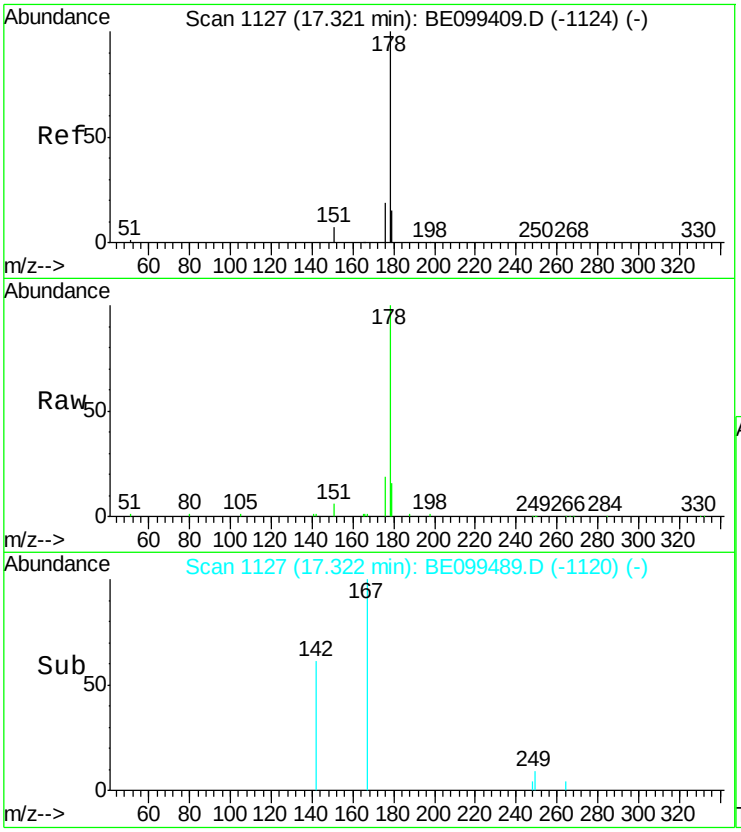


#23
Phenanthrene
Concen: 3.079 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:178 Resp: 186466

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.0	18.0



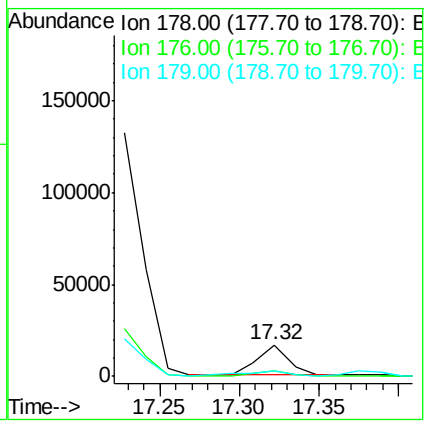


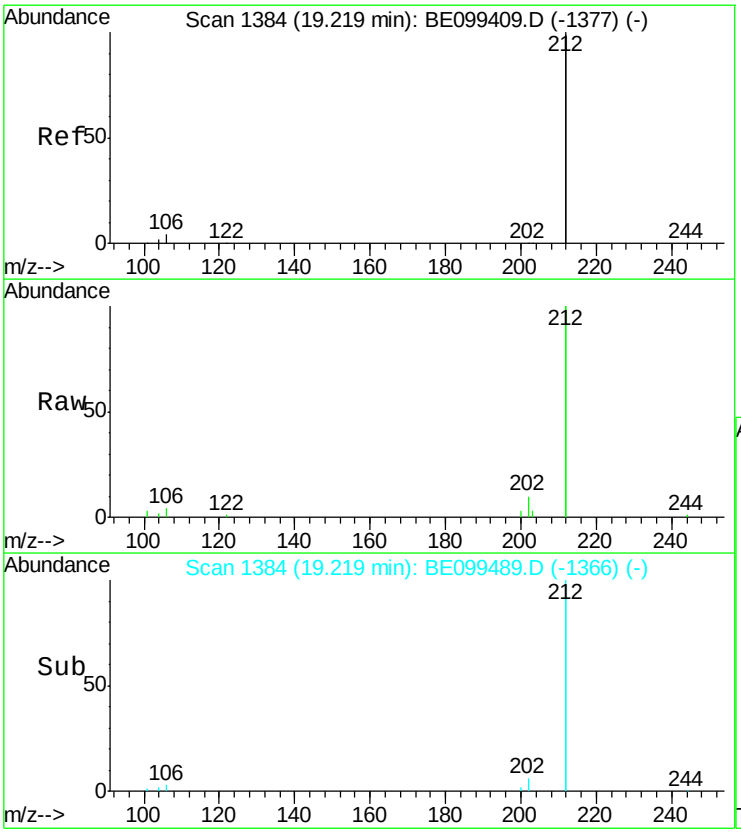
#24
Anthracene
Concen: 0.394 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:178 Resp: 22733

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.9	22.3
179	22.0	11.9	17.9#

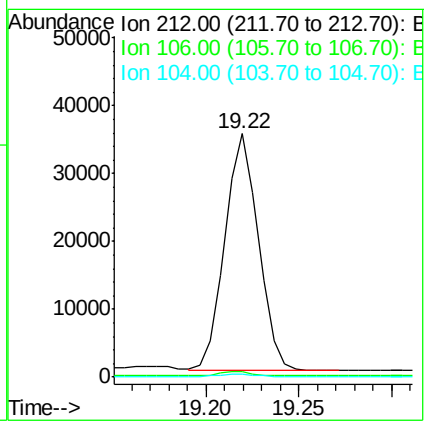


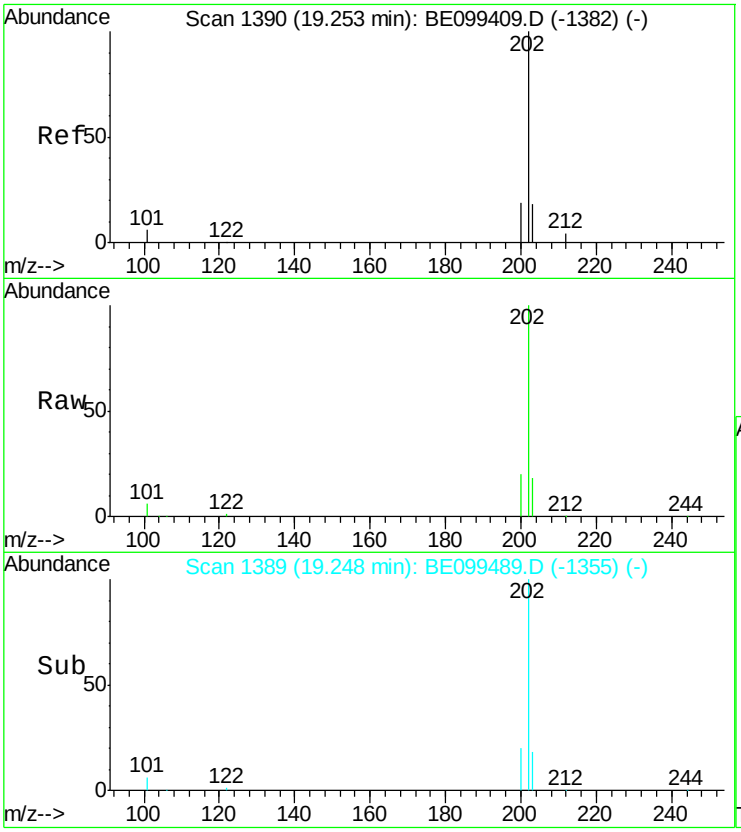


#25
Fluoranthene-d10
Concen: 0.139 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:212 Resp: 43992

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.0	0.9	1.3



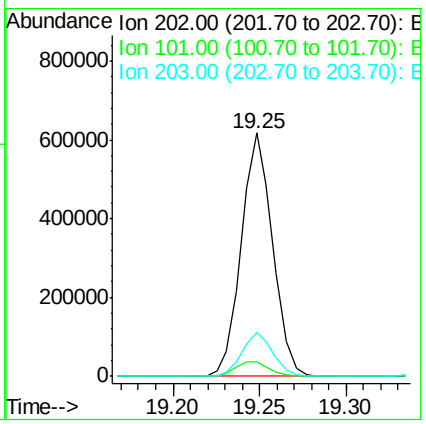


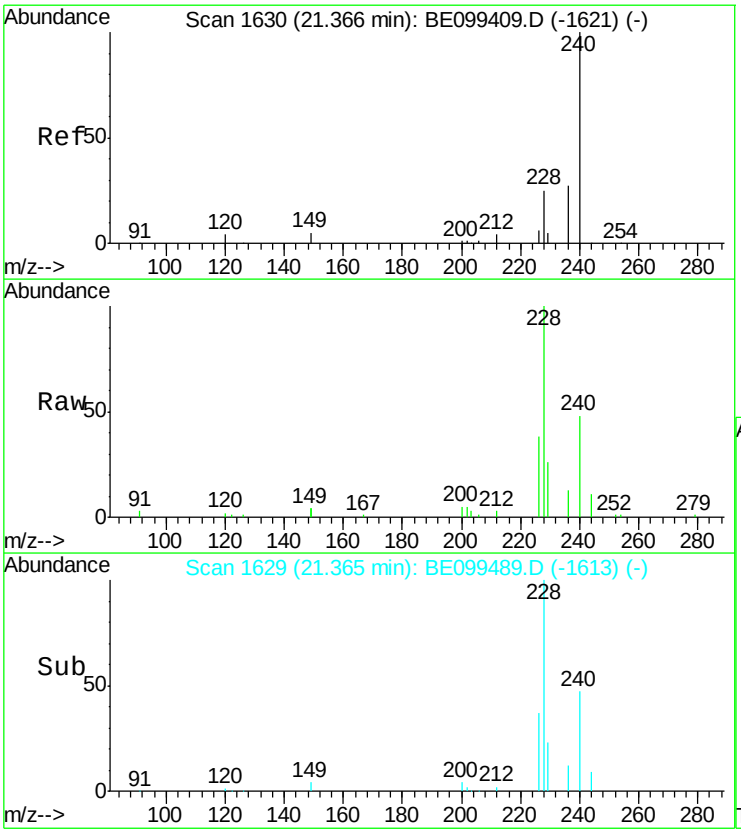
#26
Fluoranthene
Concen: 8.559 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:202 Resp: 776492

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	17.7	13.9	20.9

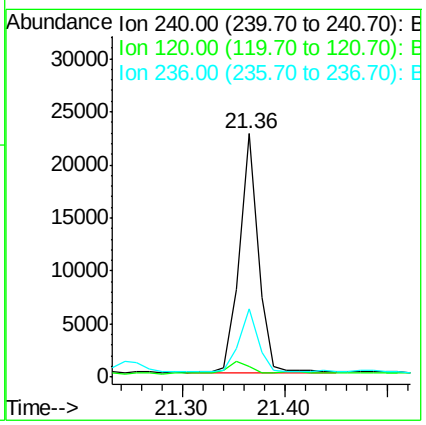


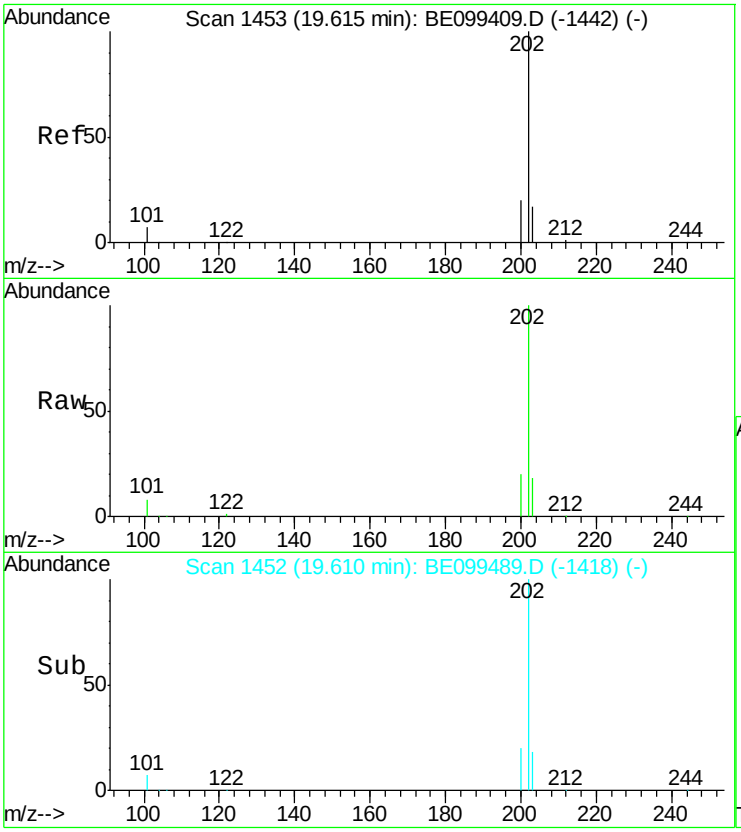


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:240 Resp: 28775

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.0	6.0
236	28.1	22.0	33.0



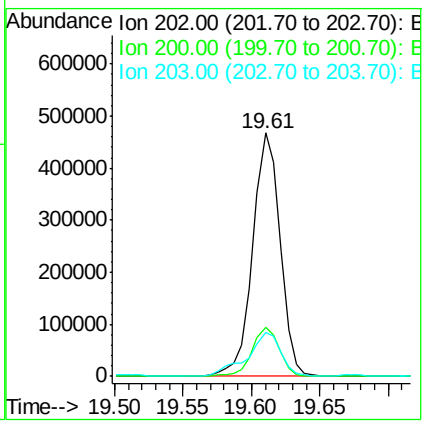


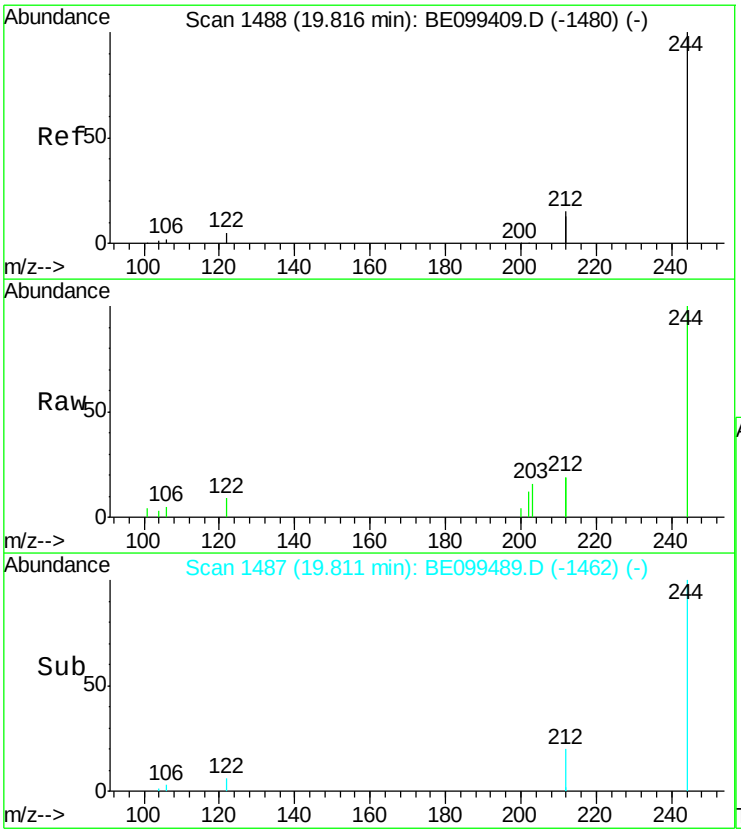
#28
Pyrene
Concen: 8.590 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:202 Resp: 644336

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	22.3	13.9	20.9#

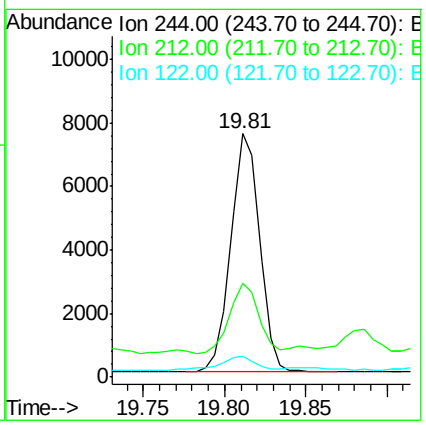


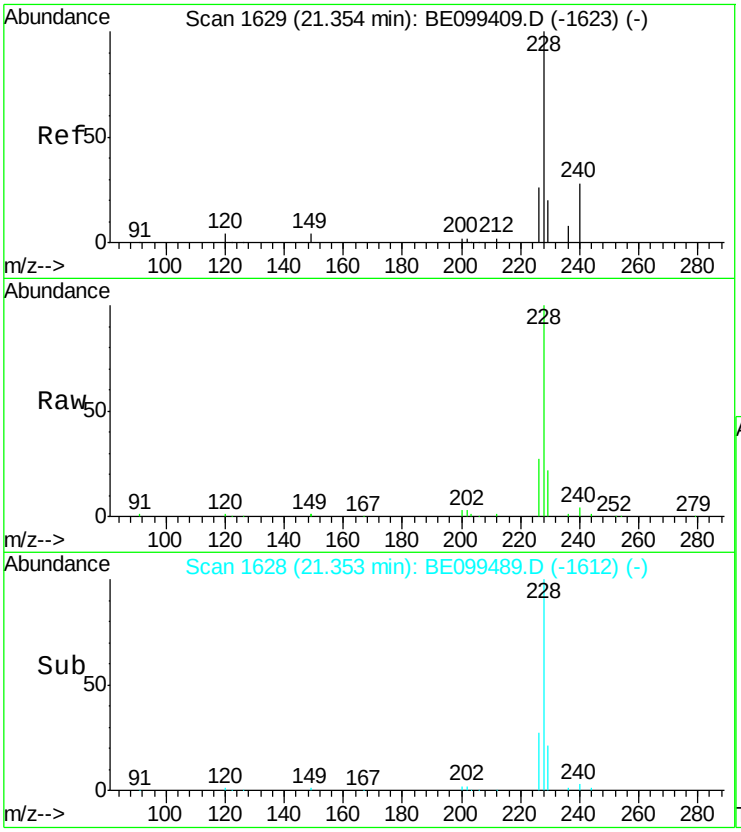


#29
Terphenyl-d14
Concen: 0.175 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:244 Resp: 9230

Ion	Ratio	Lower	Upper
244	100		
212	38.7	23.2	34.8#
122	8.8	4.2	6.4#



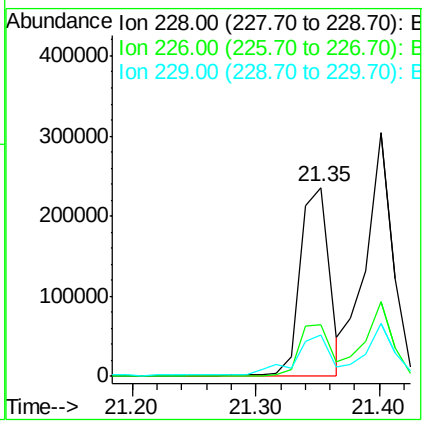


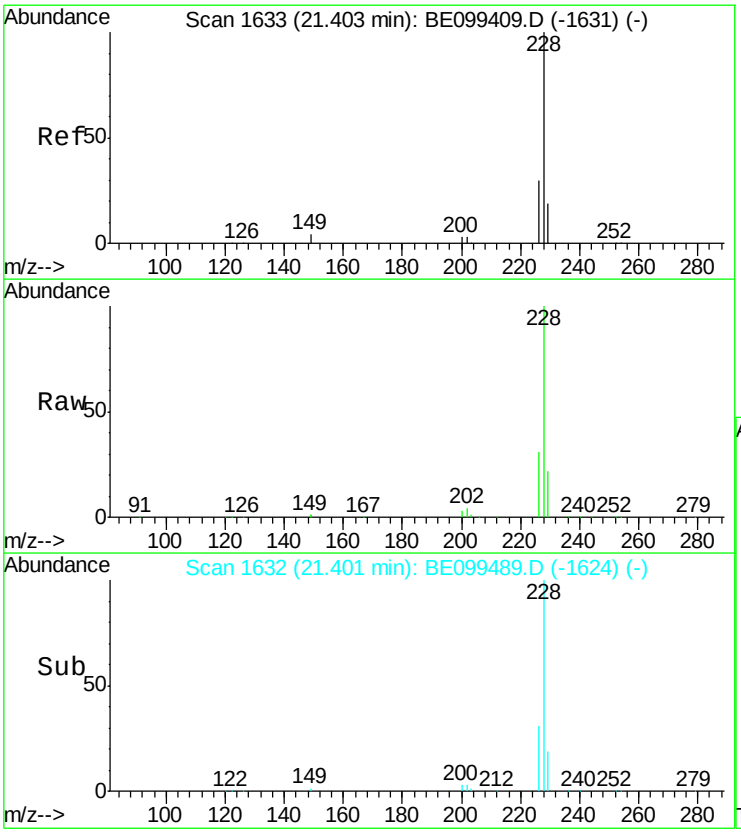
#30
Benzo(a)anthracene
Concen: 4.170 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:228 Resp: 382275

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.6
229	21.6	16.6	25.0

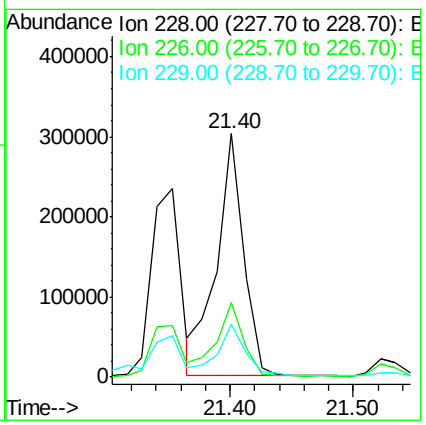


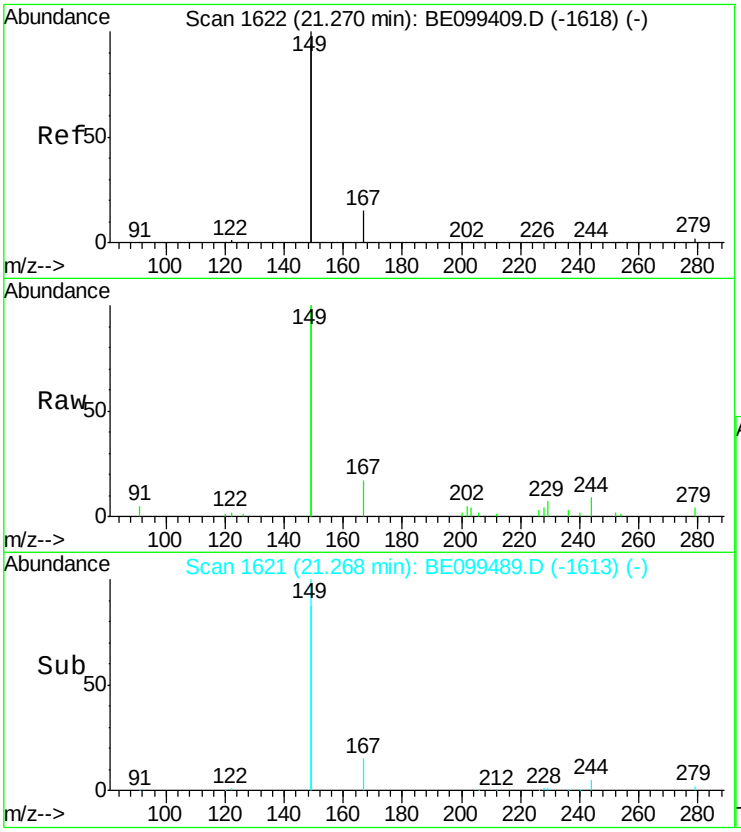


#31
Chrysene
Concen: 5.157 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:228 Resp: 462657

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.8	15.8	23.8



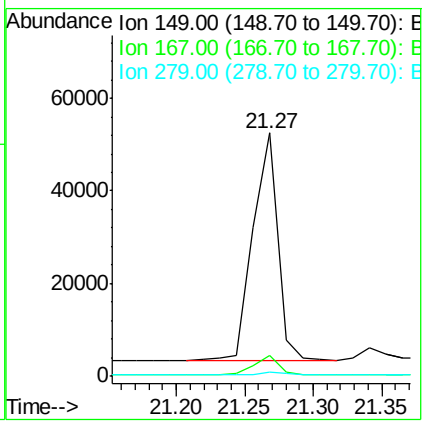


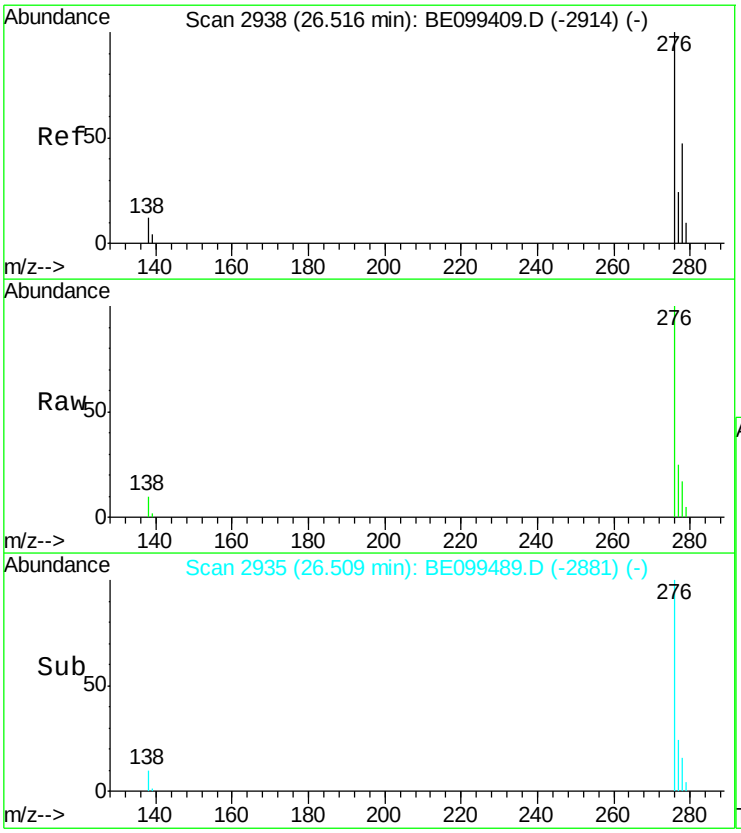
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.405 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:149 Resp: 61621

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.8	8.6
279	1.5	1.0	1.6

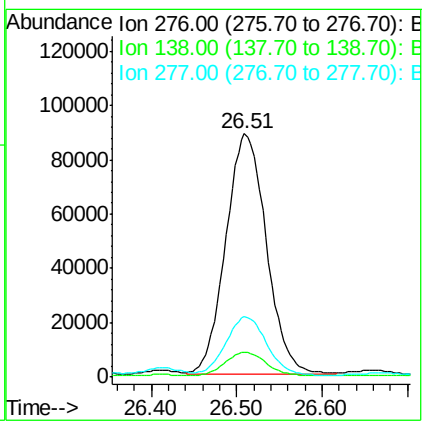


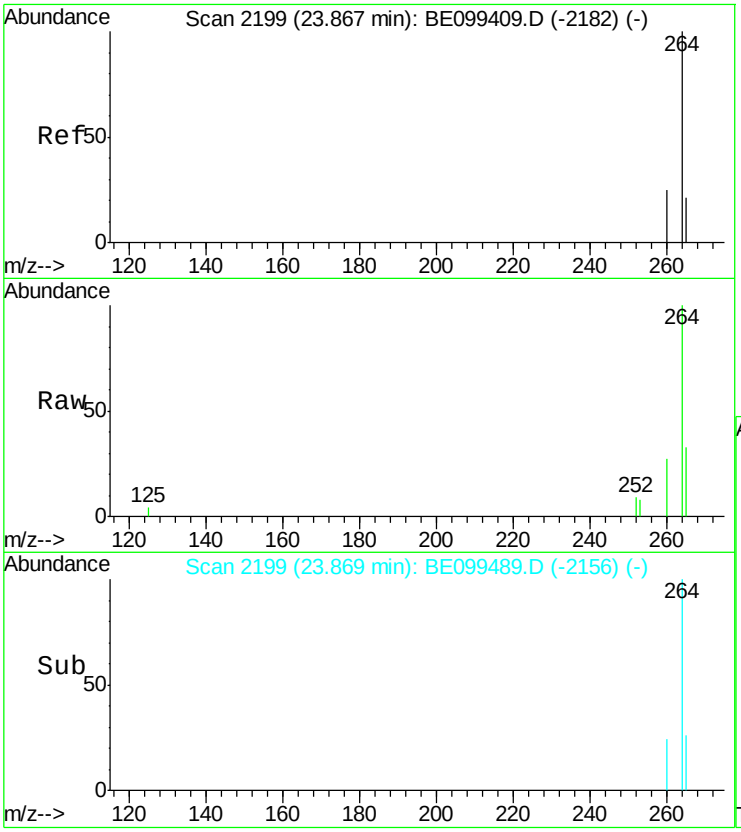


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.758 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:276 Resp: 292440

Ion	Ratio	Lower	Upper
276	100		
138	10.0	10.2	15.2#
277	24.4	19.2	28.8



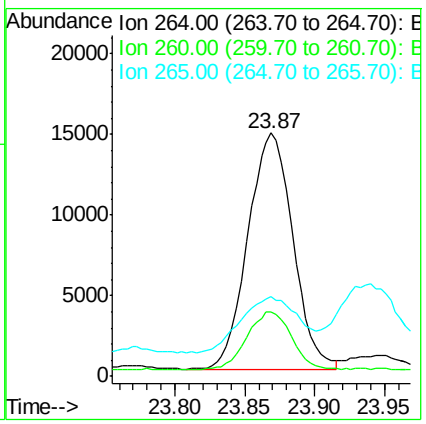


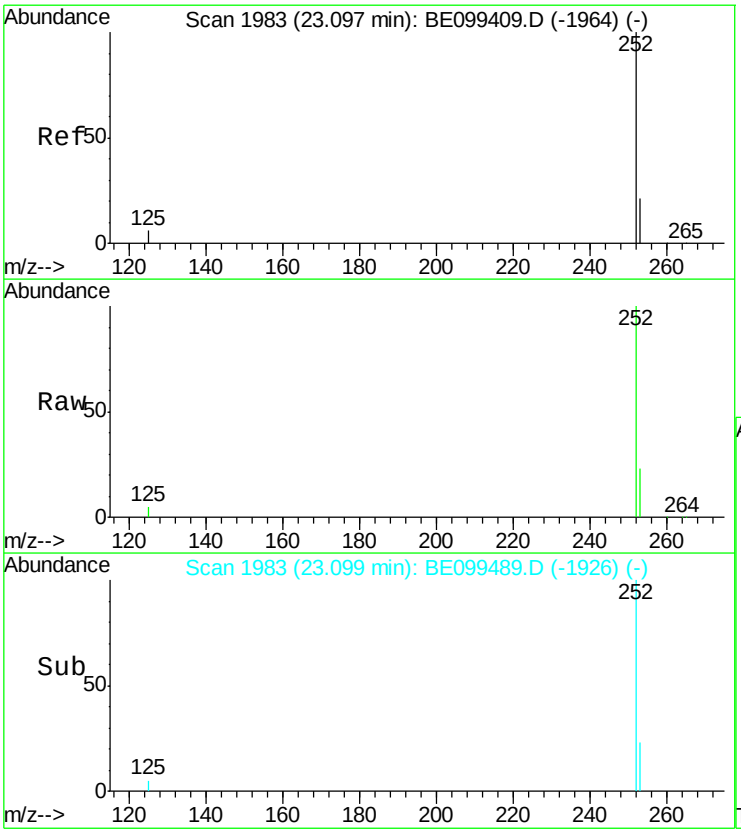
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:264 Resp: 32868

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.2	30.2
265	32.9	21.3	31.9#

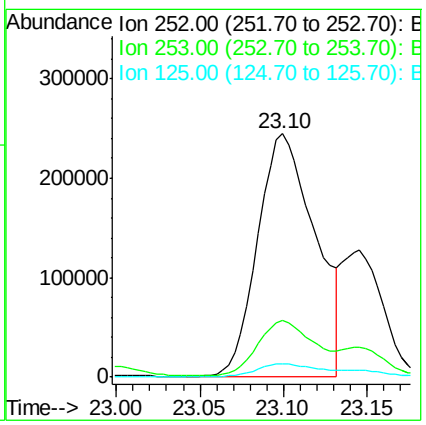


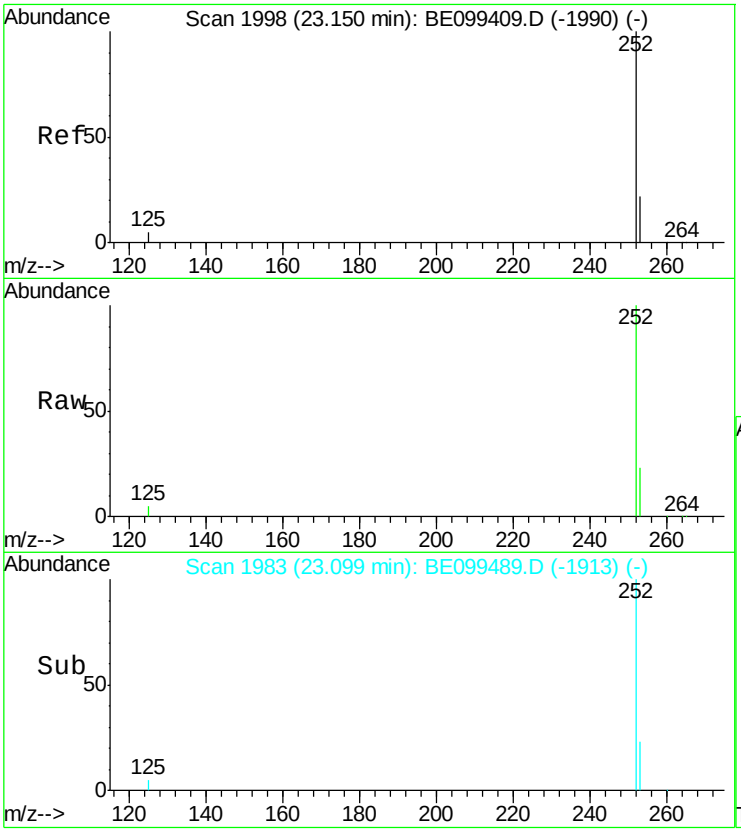


#35
Benzo(b)fluoranthene
Concen: 6.157 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:252 Resp: 583557

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	5.3	5.6	8.4#



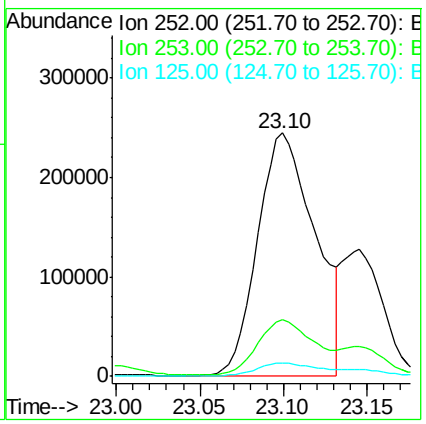


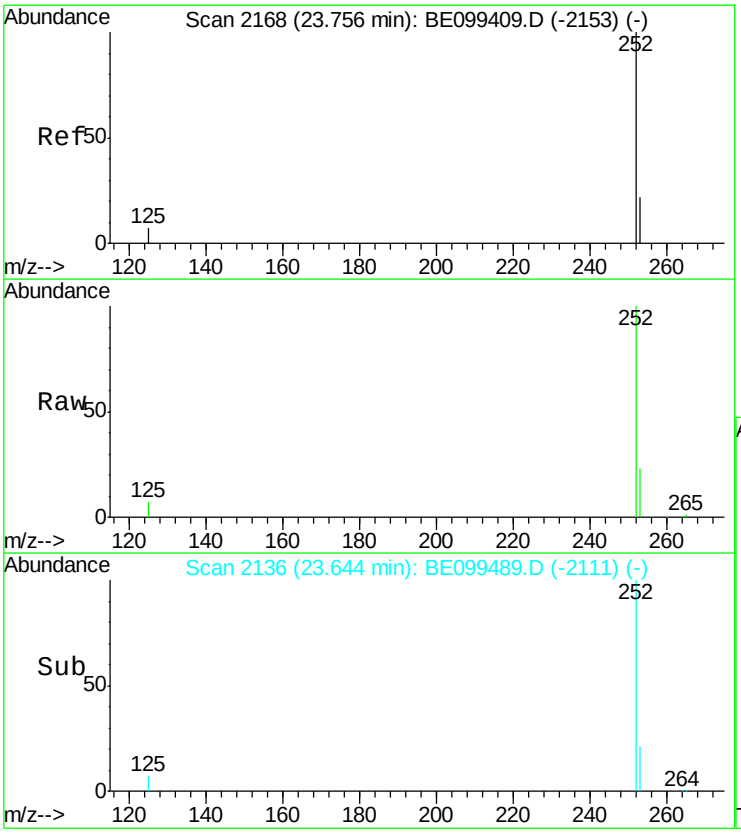
#36
Benzo(k)fluoranthene
Concen: 6.385 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:252 Resp: 583557

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.3	5.0	7.4

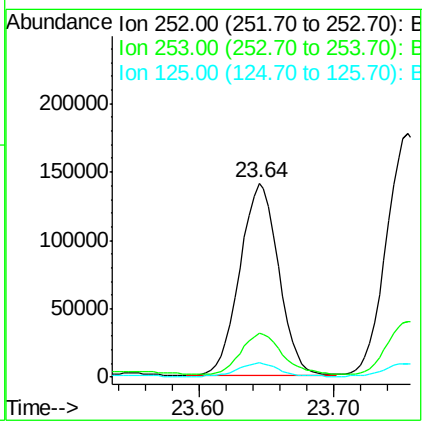


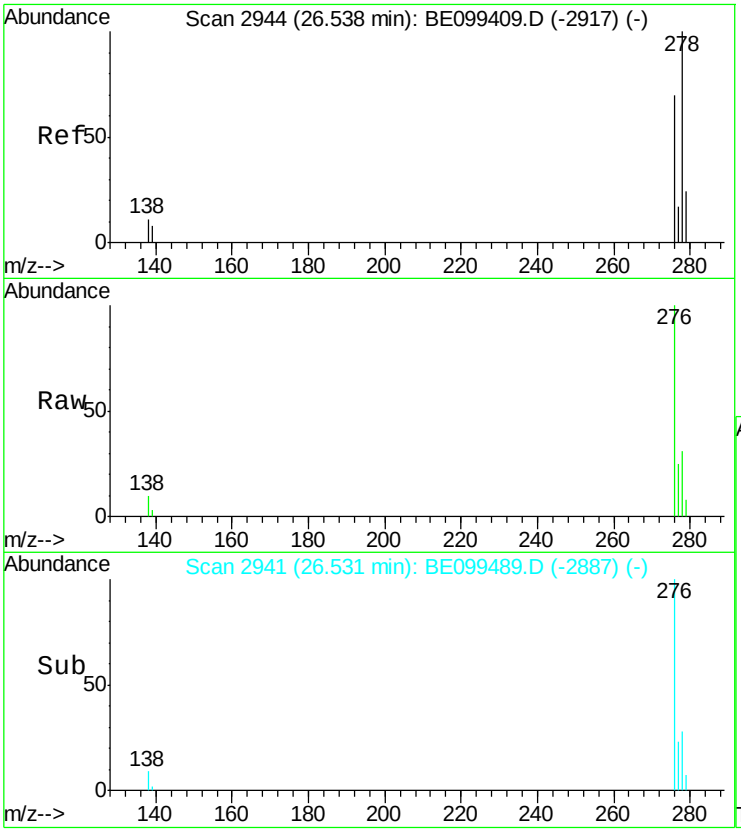


#37
Benzo(a)pyrene
Concen: 3.153 ng
RT: 23.64 min Scan# 2136
Delta R.T. -0.11 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:252 Resp: 282535

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	7.3	6.7	10.1



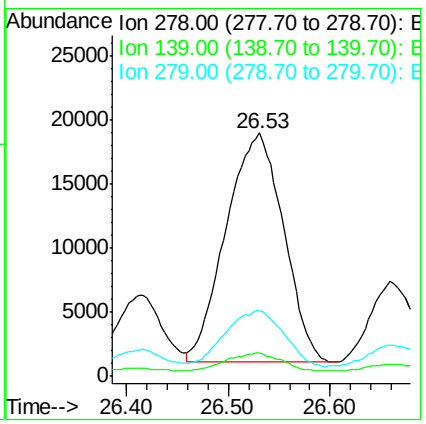


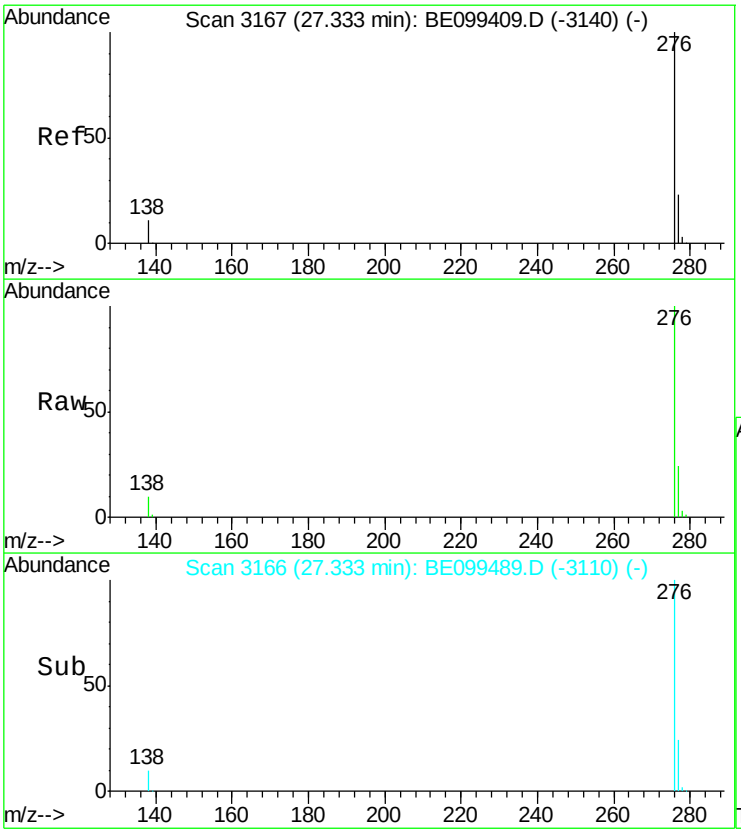
#38
Dibenzo(a,h)anthracene
Concen: 0.760 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Instrument :
BNA_E
ClientSampleId :
PST-004-SW019-042319

Tgt Ion:278 Resp: 69687

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.7	11.5
279	26.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 3.045 ng
RT: 27.33 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BE099489.D
Acq: 2 May 2019 6:59

Tgt Ion:276 Resp: 279643

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	10.3	9.6	14.4