Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099125.D
Acq On : 23 Mar 2019 00:01
Operator : JU/SJ
Sample : K2014-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW045-031919

Quant Time: Mar 24 03:42:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3427	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13593	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9144	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	25861	0.40	ng		0.00
27) Chrysene-d12	21.38	240	37425	0.40	ng		-0.01
34) Perylene-d12	23.89	264	40890	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4511	0.44	ng		0.00
5) Phenol-d6	6.99	99	6446	0.44	ng		0.00
8) Nitrobenzene-d5	8.99	82	4405	0.74	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	9437	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1656	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14283	0.39	ng		-0.01
25) Fluoranthene-d10	19.24	212	136108	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	26162	0.33	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	77	0.028	ng	#	1
16) Acenaphthylene	14.20	152	1141	0.023	ng		97
22) Pentachlorophenol	16.89	266	58	0.262	ng		91
23) Phenanthrene	17.25	178	10868	0.142	ng		99
26) Fluoranthene	19.27	202	21386	0.198	ng		99
28) Pyrene	19.63	202	23414	0.184	ng		96
30) Benzo(a)anthracene	21.37	228	12352	0.094	ng		96
31) Chrysene	21.41	228	13491	0.102	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	27248	0.159	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7814	0.055	ng		98
35) Benzo(b)fluoranthene	23.12	252	16443	0.116	ng	#	89
36) Benzo(k)fluoranthene	23.12	252	16443	0.119	ng	#	92
37) Benzo(a)pyrene	23.78	252	11463	0.088	ng	#	93
39) Benzo(g,h,i)perylene	27.36	276	8386	0.064	ng	#	94

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

Quantitation Report (Not Reviewed)

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Instrument :
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PST-026-SW045-031919

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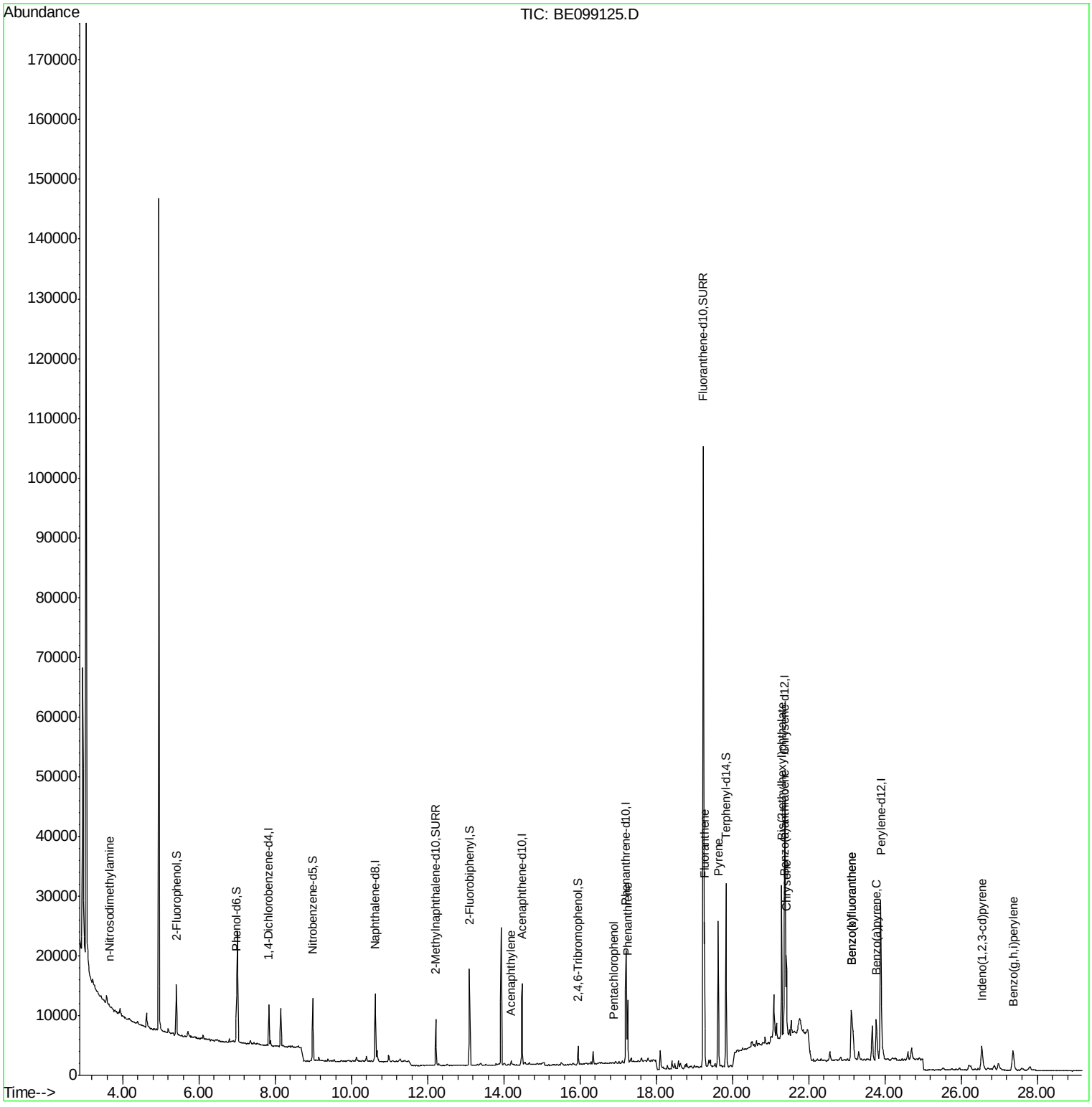
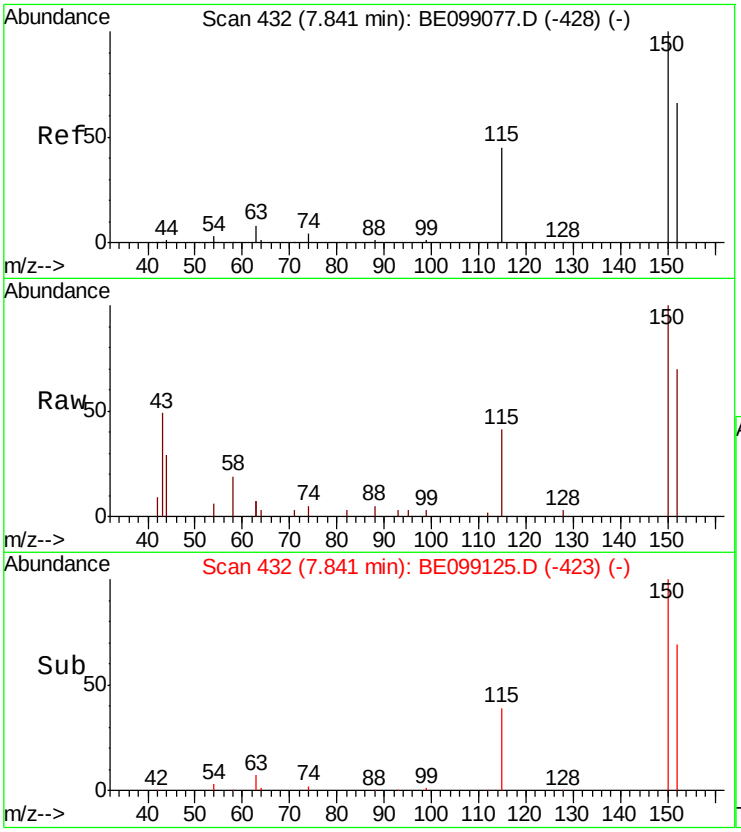


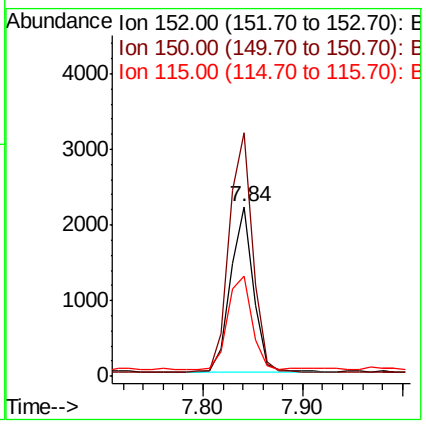


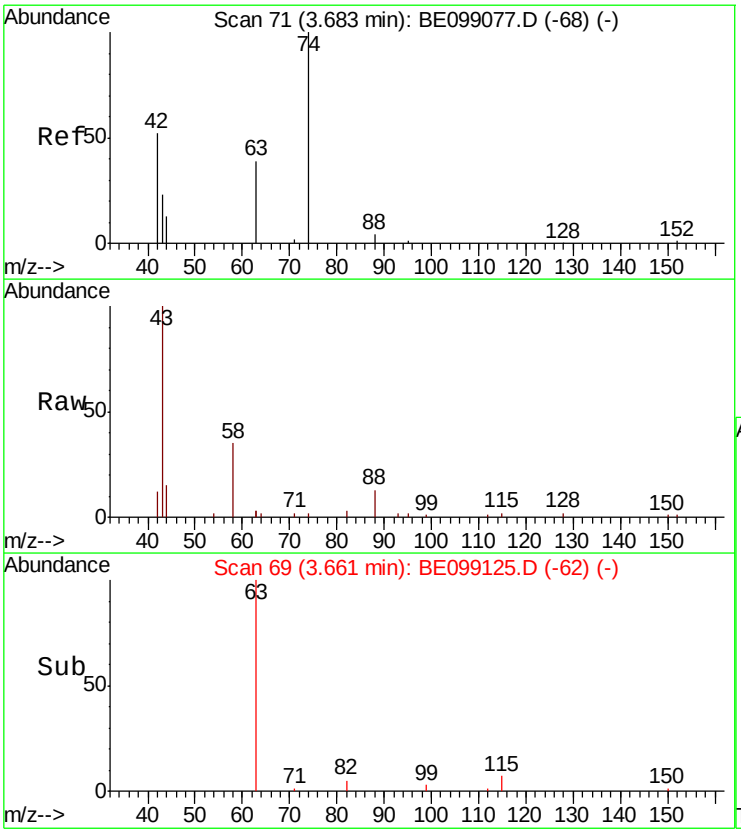
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:152 Resp: 3427

Ion	Ratio	Lower	Upper
152	100		
150	143.7	122.5	183.7
115	59.5	57.4	86.2

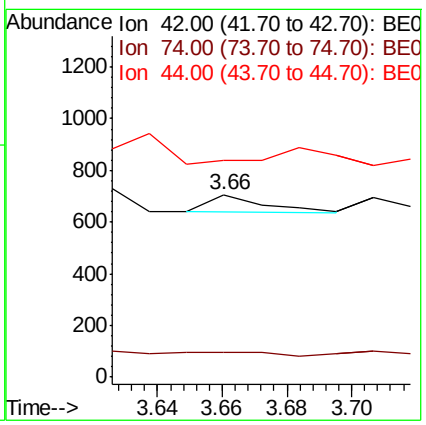


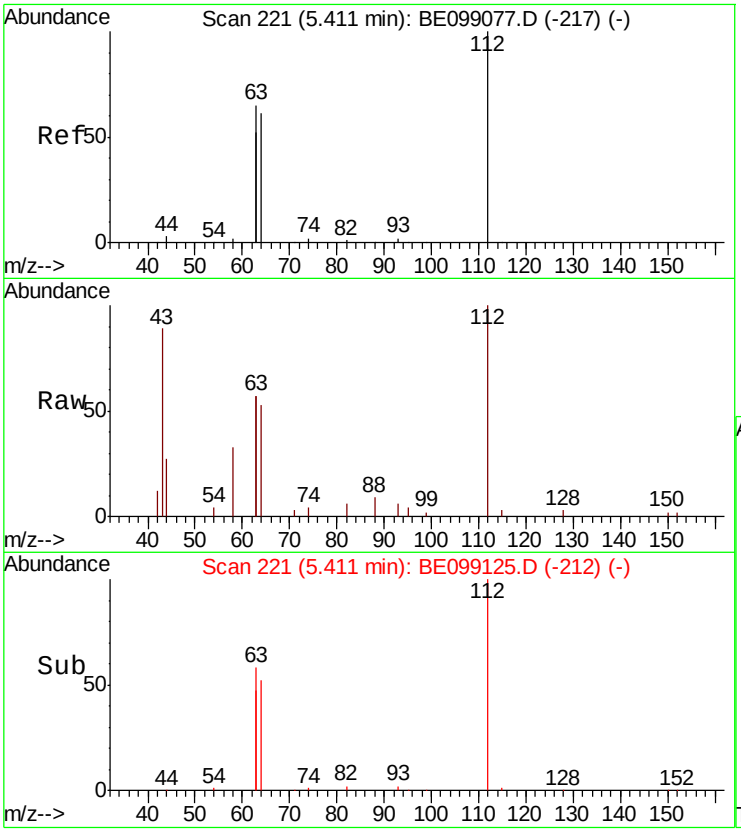


#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion: 42 Resp: 77

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	0.0	0.0	0.0



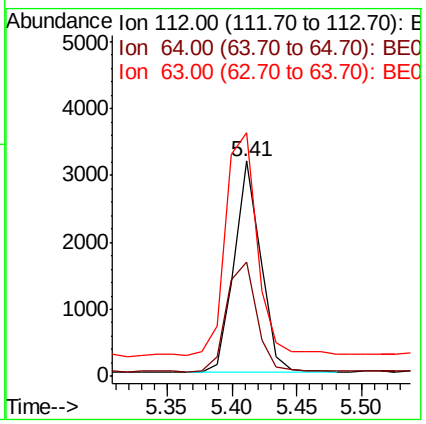


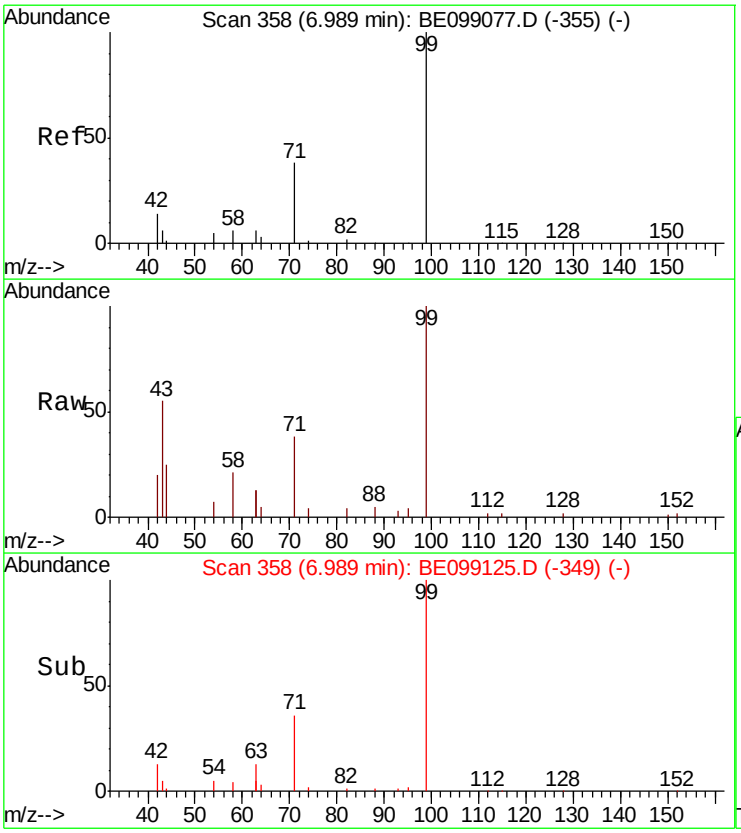
#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:112 Resp: 4511

Ion	Ratio	Lower	Upper
112	100		
64	59.1	57.9	86.9
63	126.6	158.3	237.5#

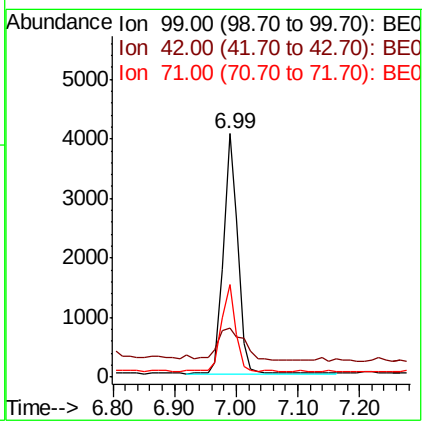


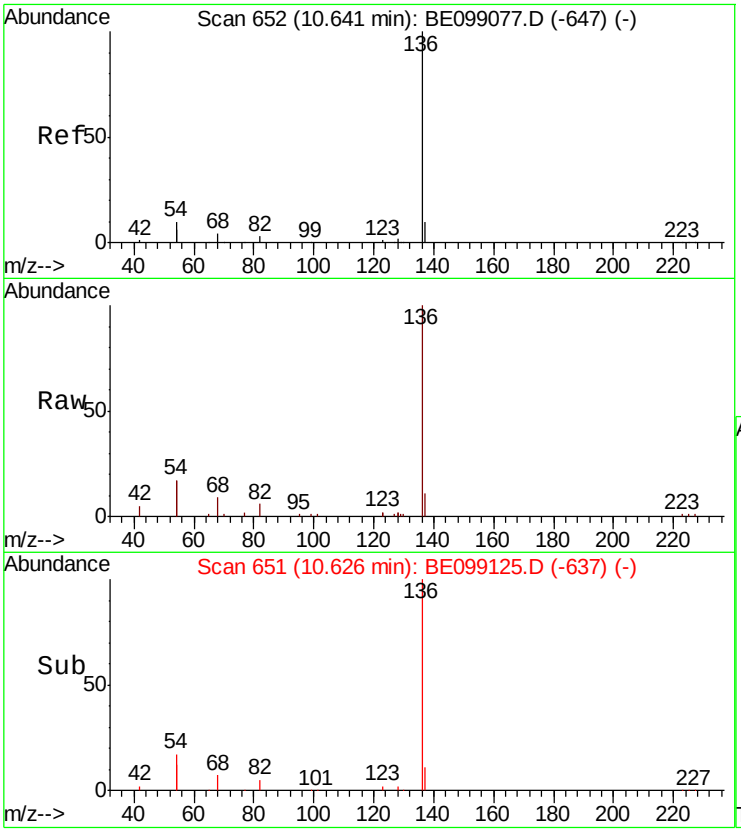


#5
Phenol-d6
Concen: 0.439 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion: 99 Resp: 6446

Ion	Ratio	Lower	Upper
99	100		
42	24.4	24.2	36.2
71	36.2	35.7	53.5



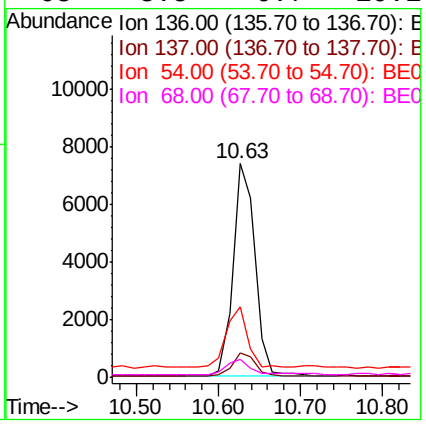


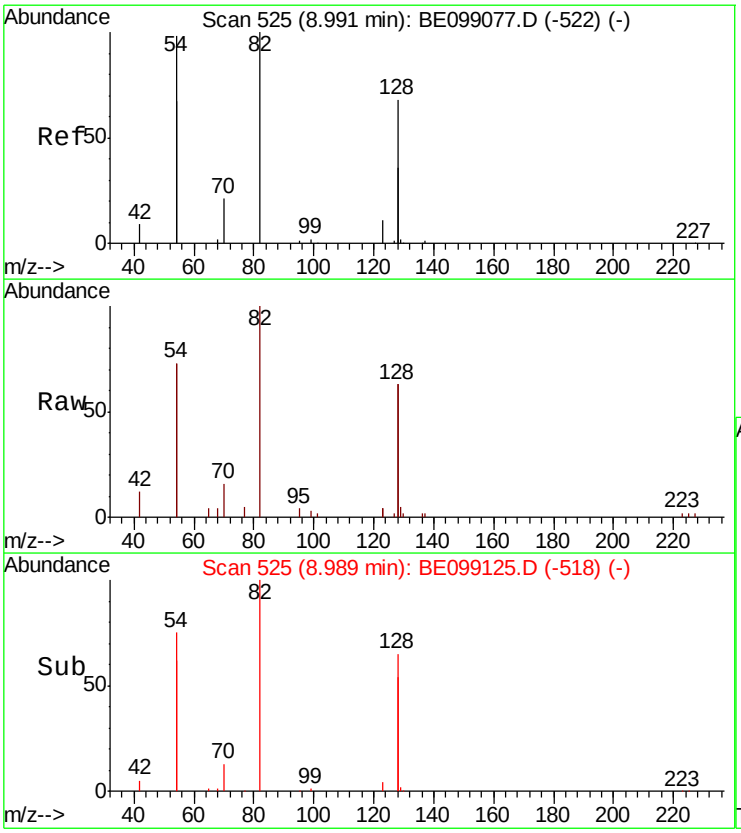
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:136 Resp: 13593

Ion	Ratio	Lower	Upper
136	100		
137	11.5	11.4	17.0
54	33.2	39.3	58.9#
68	8.5	6.7	10.1

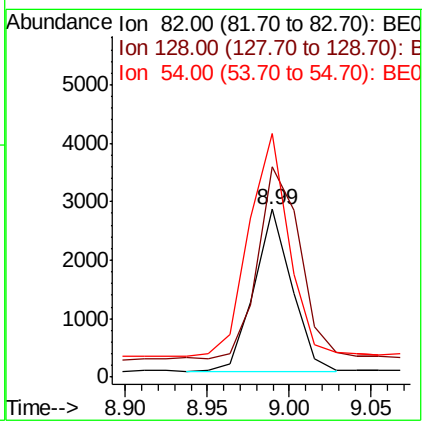


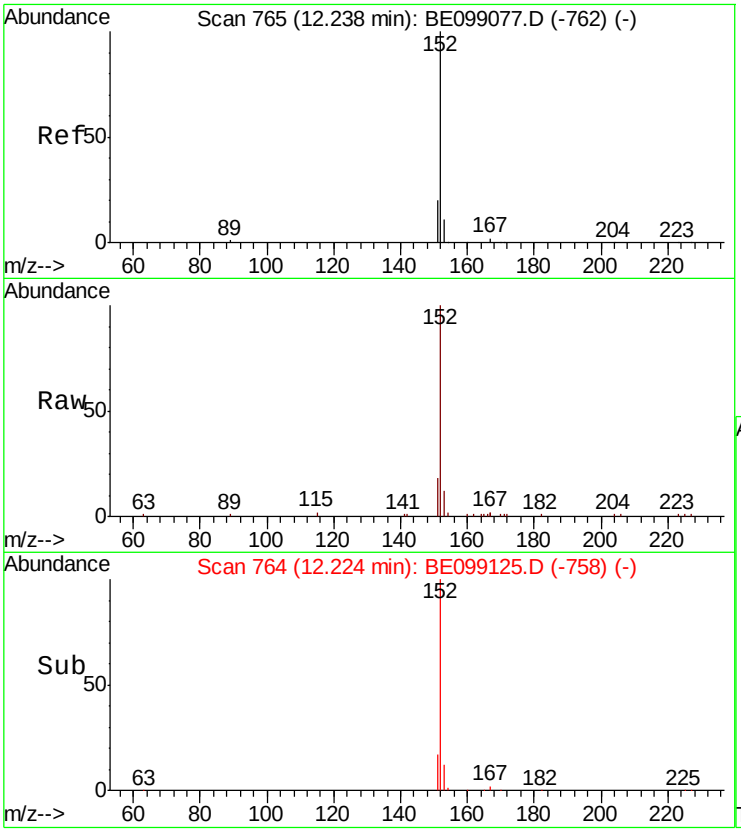


#8
Nitrobenzene-d5
Concen: 0.741 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion: 82 Resp: 4405

Ion	Ratio	Lower	Upper
82	100		
128	125.6	123.8	185.8
54	145.3	203.4	305.2#



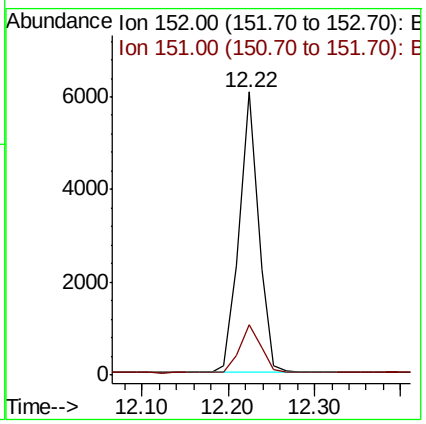


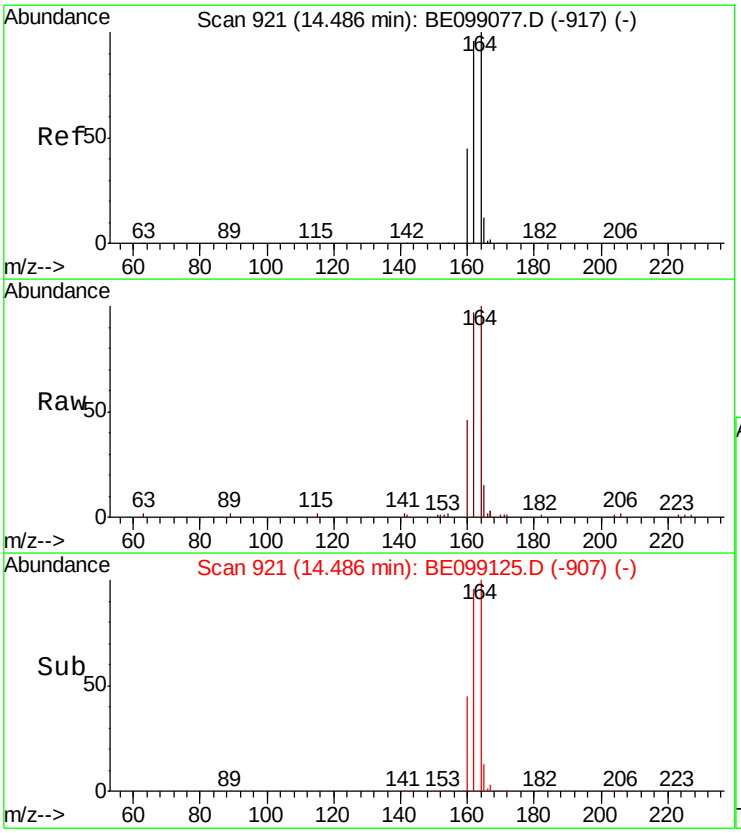
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:152 Resp: 9437

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.5	24.7

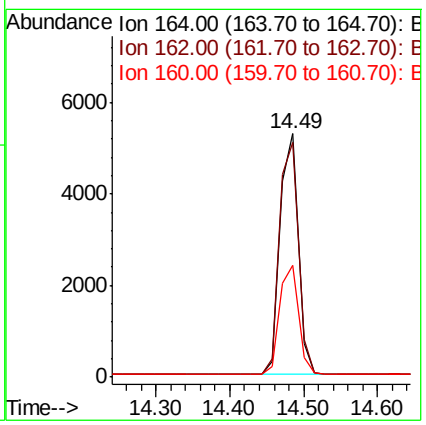


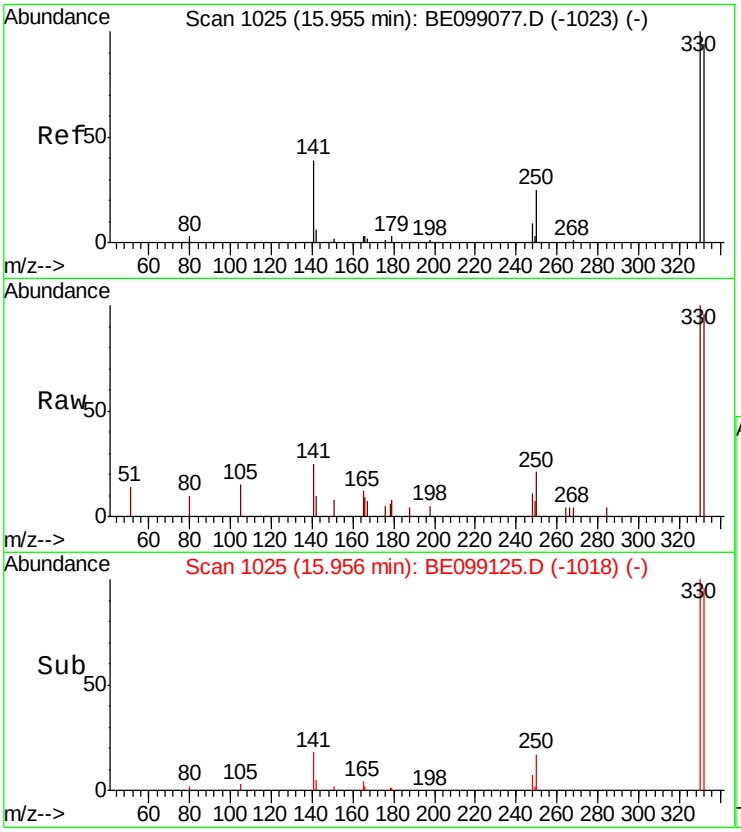


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:164 Resp: 9144

Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.2
160	45.7	37.8	56.8



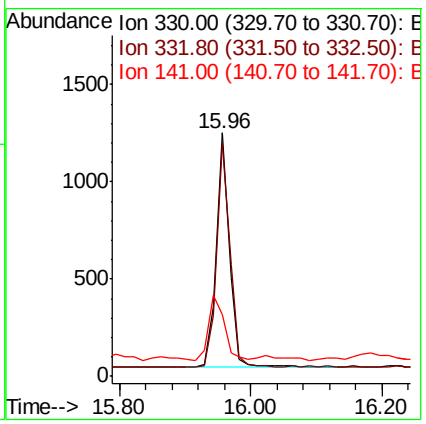


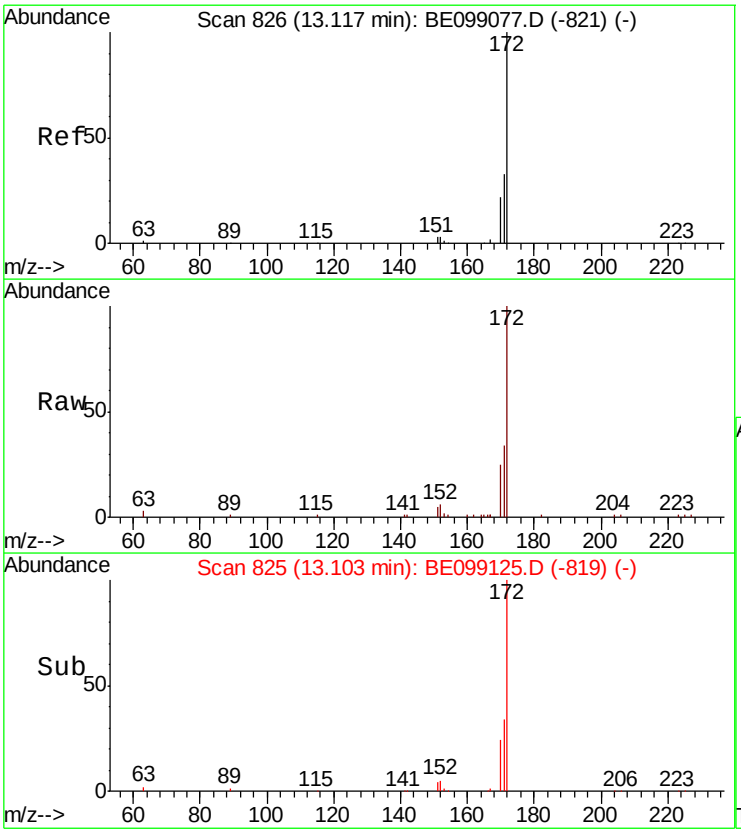
#14
2,4,6-Tribromophenol
Concen: 0.616 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:330 Resp: 1656

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	31.7	31.0	46.4

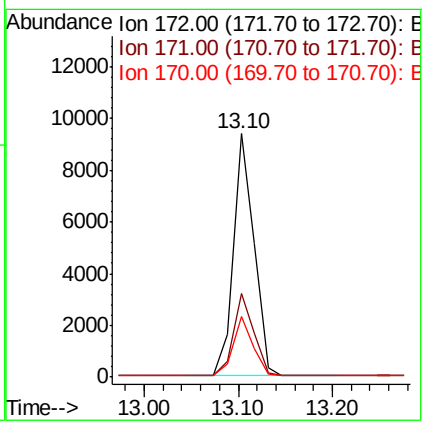


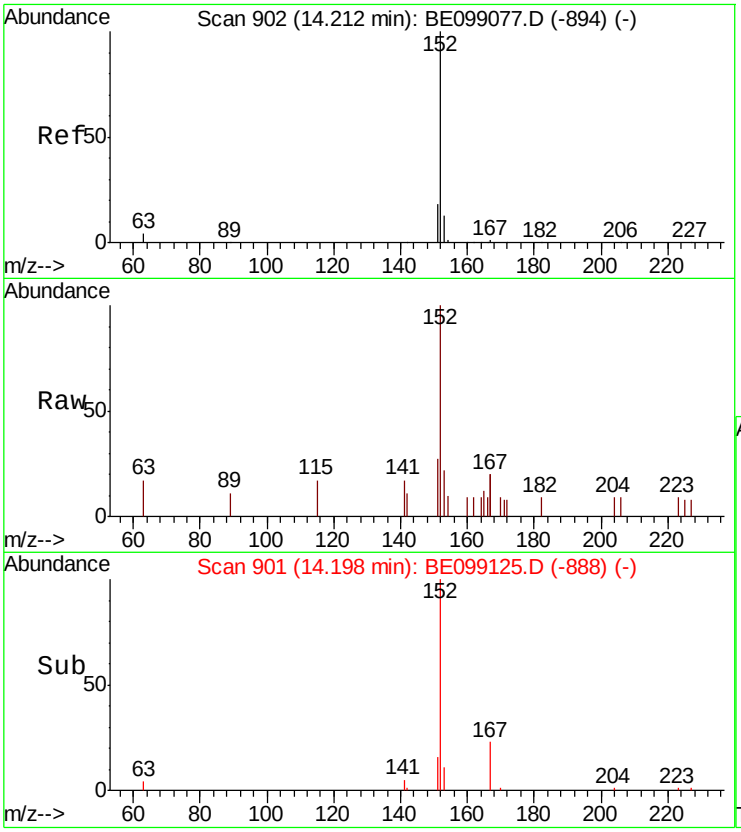


#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:172 Resp: 14283

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.0	42.0
170	24.7	17.7	26.5



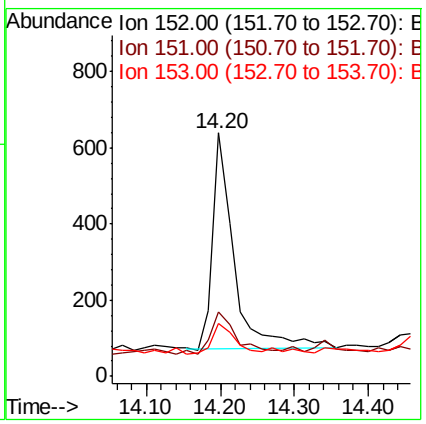


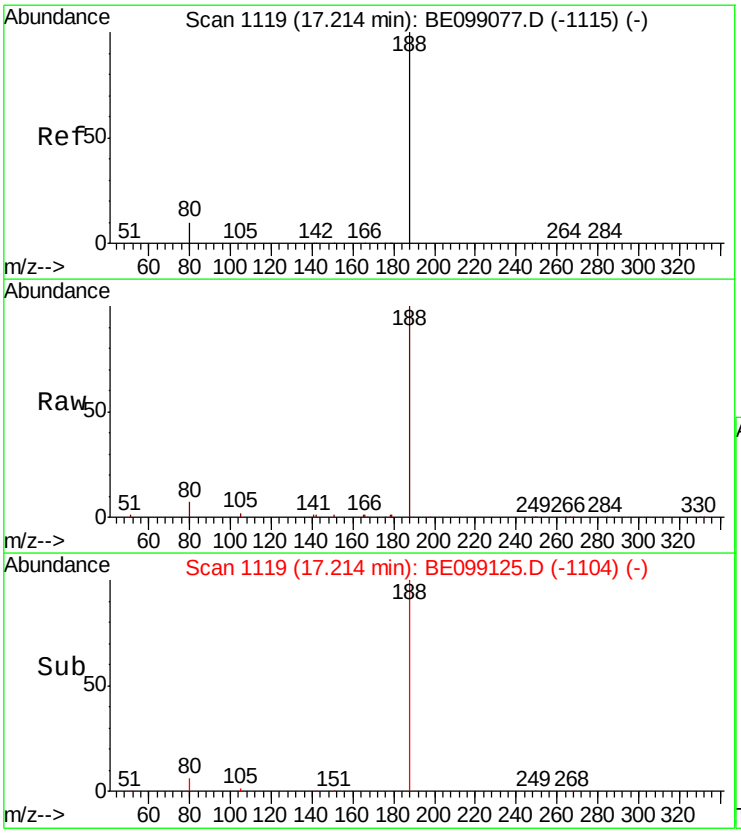
#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:152 Resp: 1141

Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.0	25.6
153	14.0	11.2	16.8

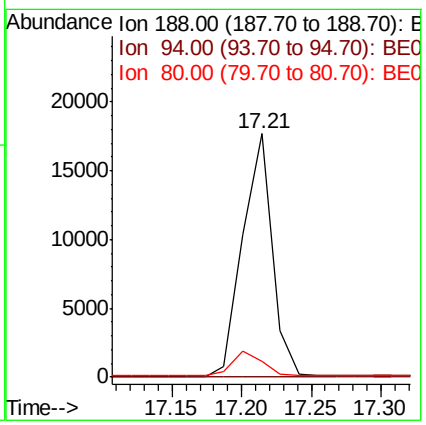


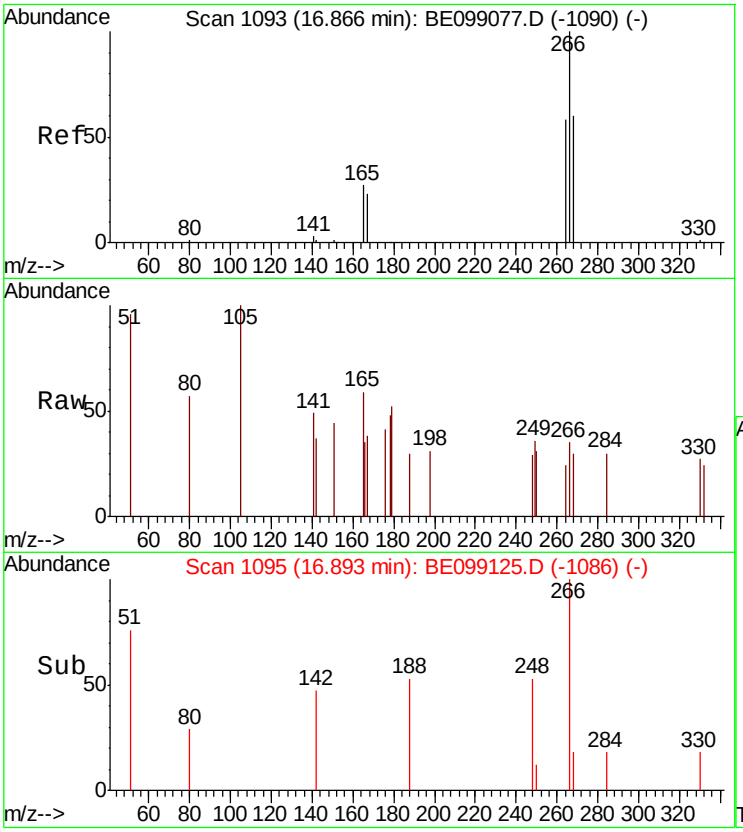


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:188 Resp: 25861

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	6.3	9.5



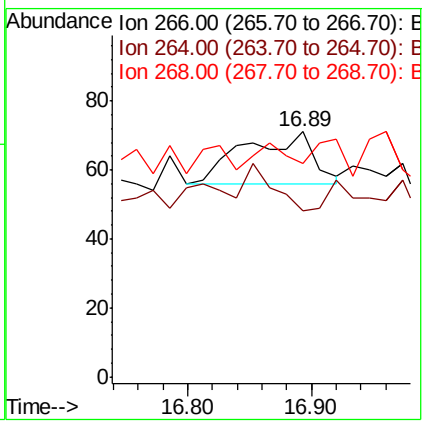


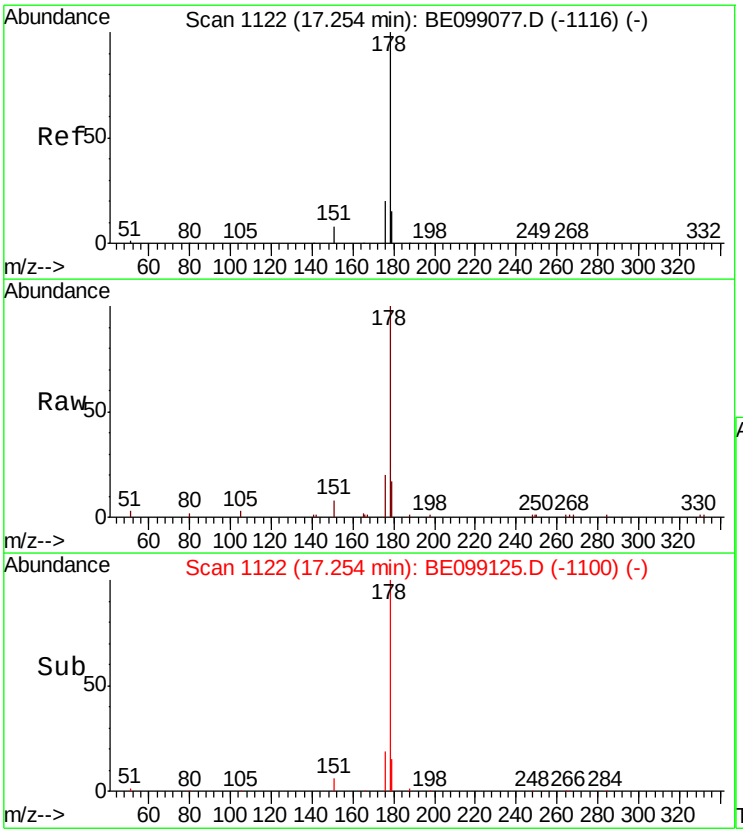
#22
Pentachlorophenol
Concen: 0.262 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:266 Resp: 58

Ion	Ratio	Lower	Upper
266	100		
264	67.6	66.6	100.0
268	87.3	69.8	104.8

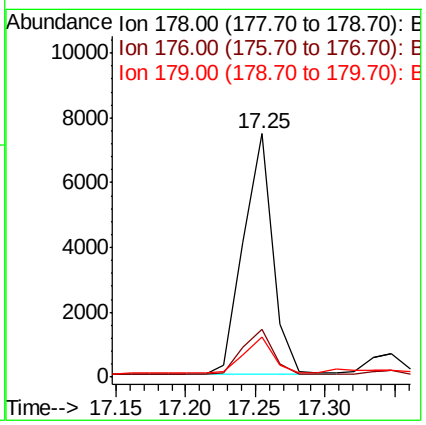


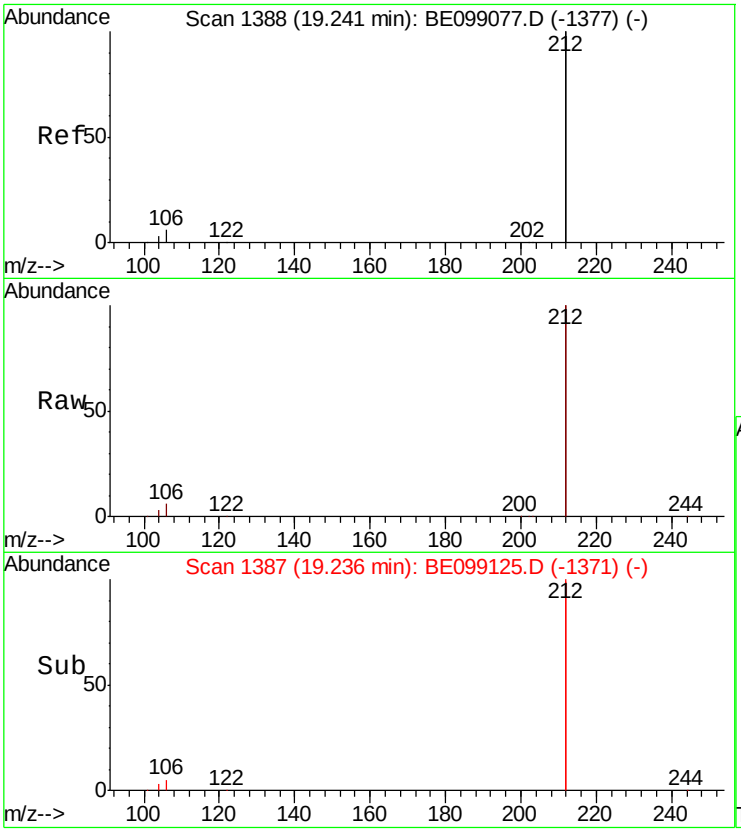


#23
Phenanthrene
Concen: 0.142 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:178 Resp: 10868

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.5	12.1	18.1



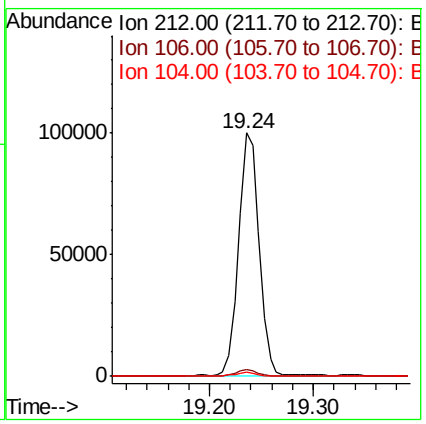


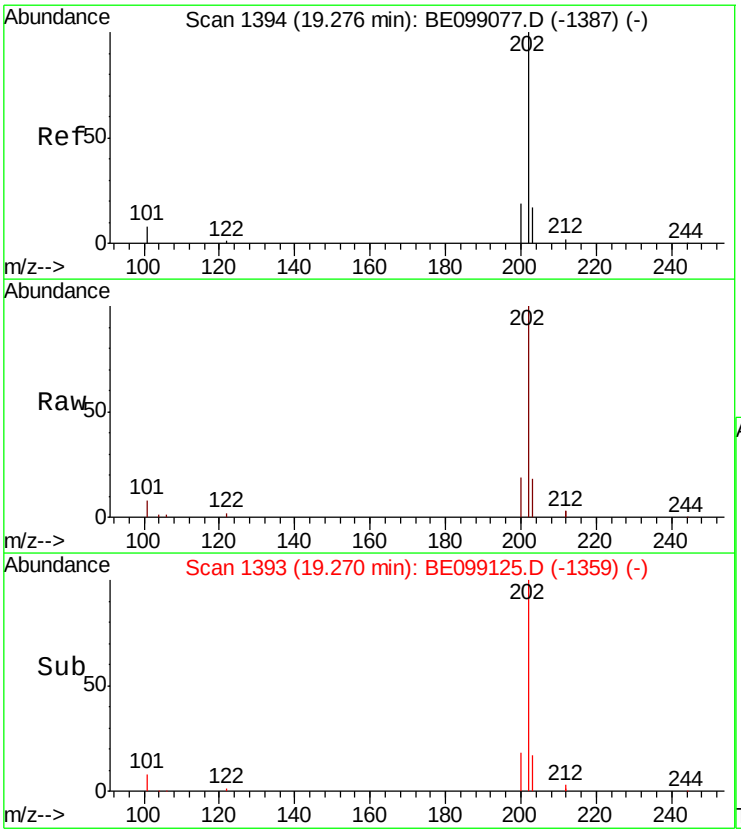
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:212 Resp: 136108

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.4	1.0	1.6

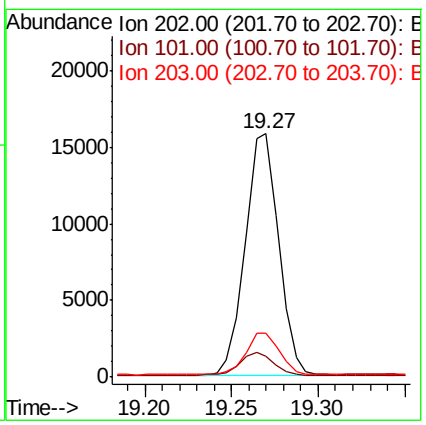


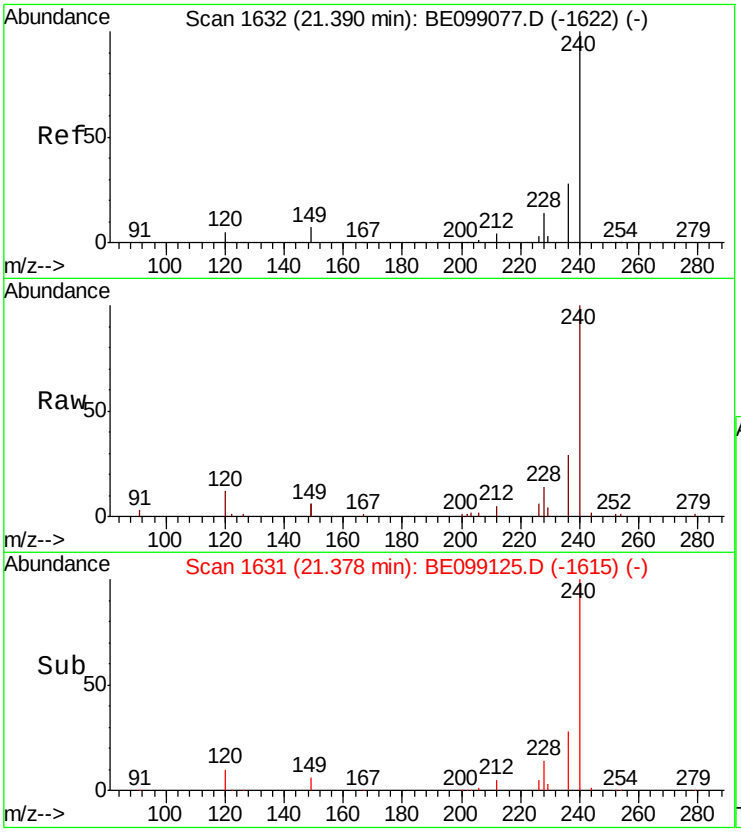


#26
Fluoranthene
Concen: 0.198 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:202 Resp: 21386

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.3	10.9
203	17.0	13.4	20.2



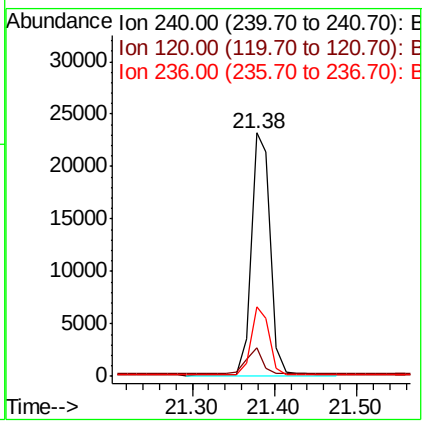


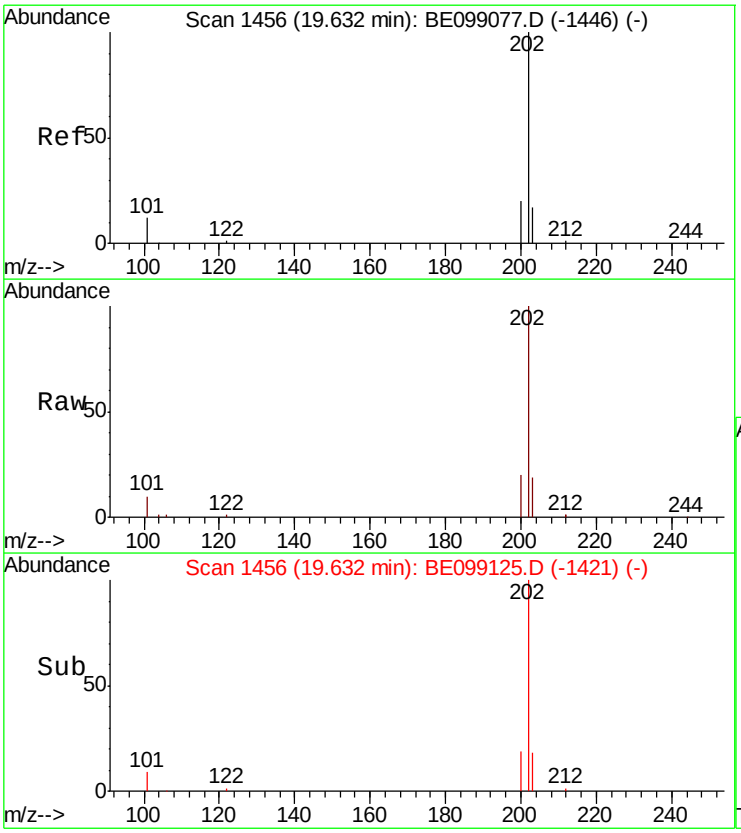
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:240 Resp: 37425

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.0	7.4#
236	28.7	22.7	34.1

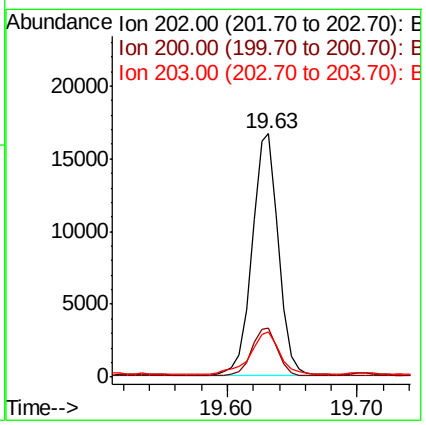


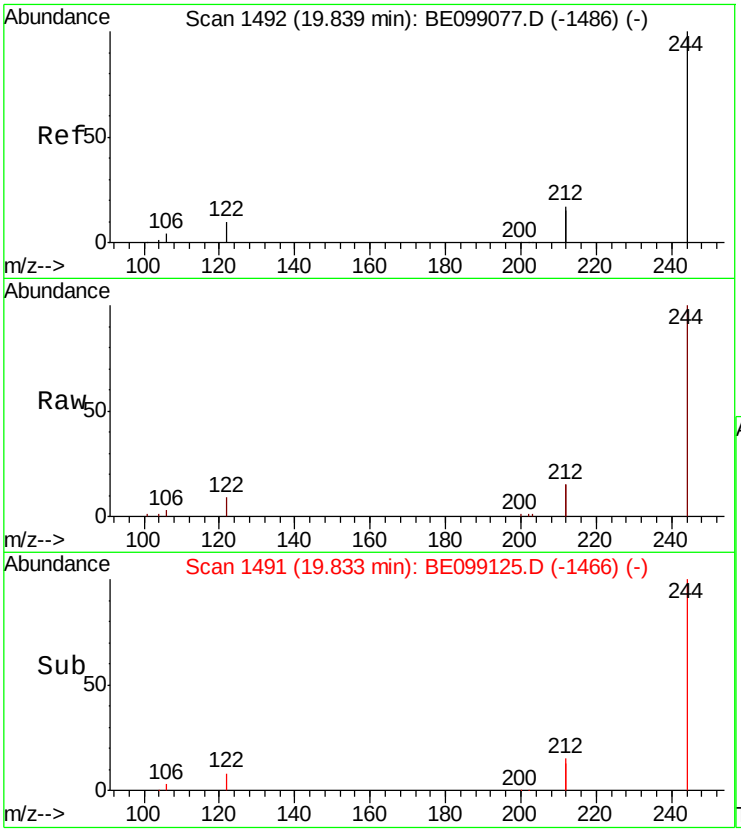


#28
Pyrene
Concen: 0.184 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:202 Resp: 23414

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	20.3	14.2	21.2



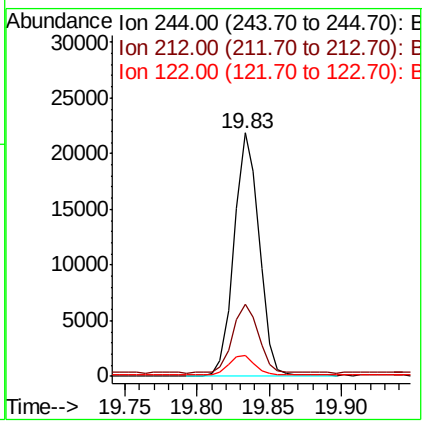


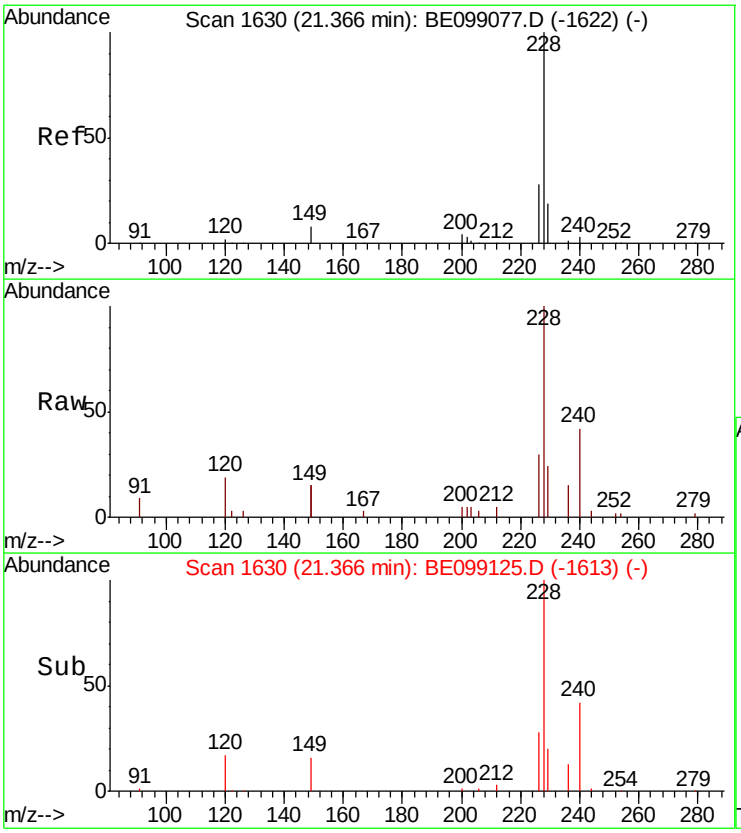
#29
Terphenyl-d14
Concen: 0.330 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:244 Resp: 26162

Ion	Ratio	Lower	Upper
244	100		
212	29.8	29.4	44.2
122	8.7	7.1	10.7

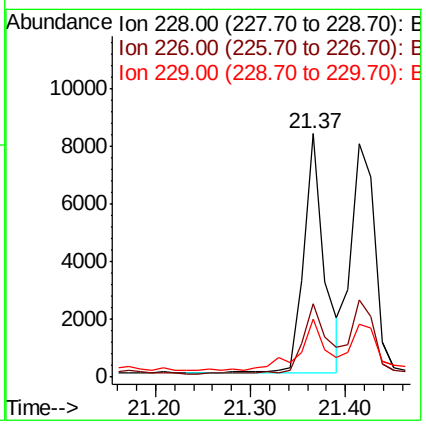


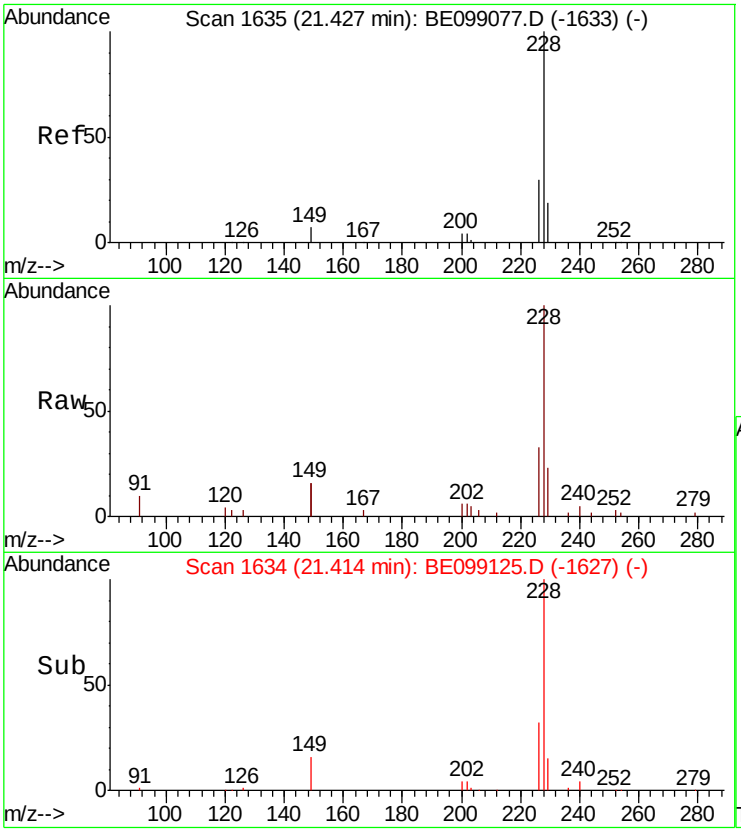


#30
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:228 Resp: 12352

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	23.8	16.5	24.7



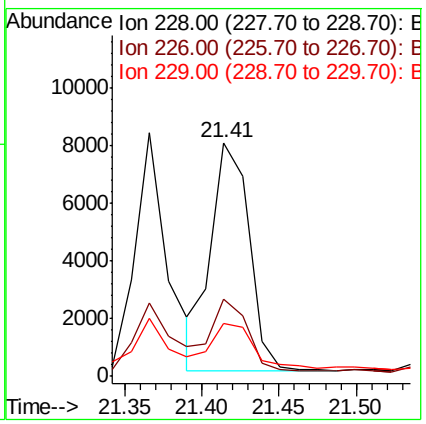


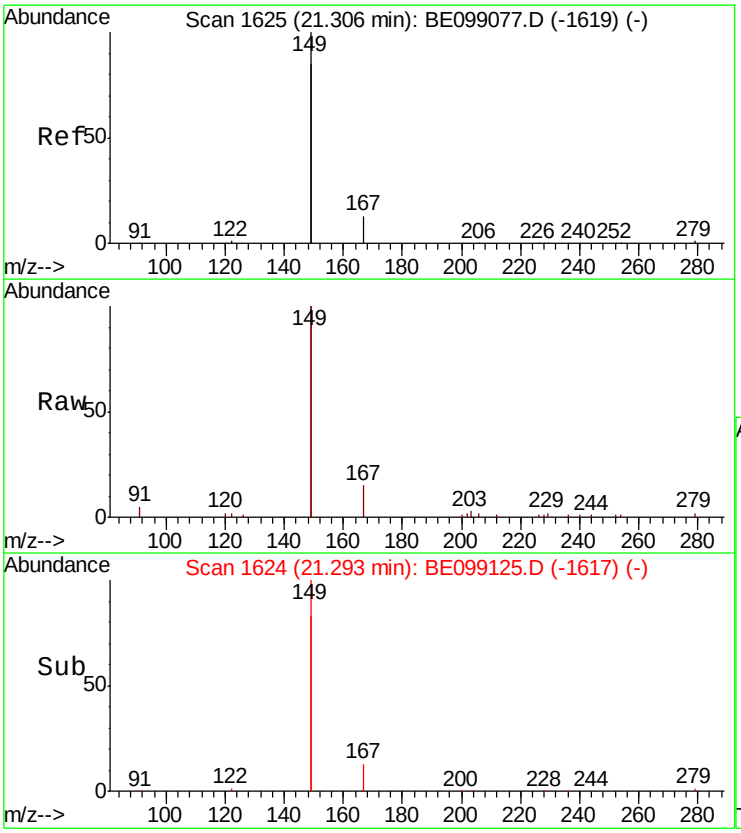
#31
Chrysene
Concen: 0.102 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:228 Resp: 13491

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.7	35.5
229	22.9	16.1	24.1

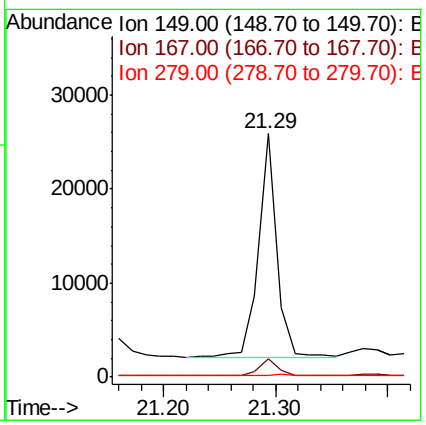


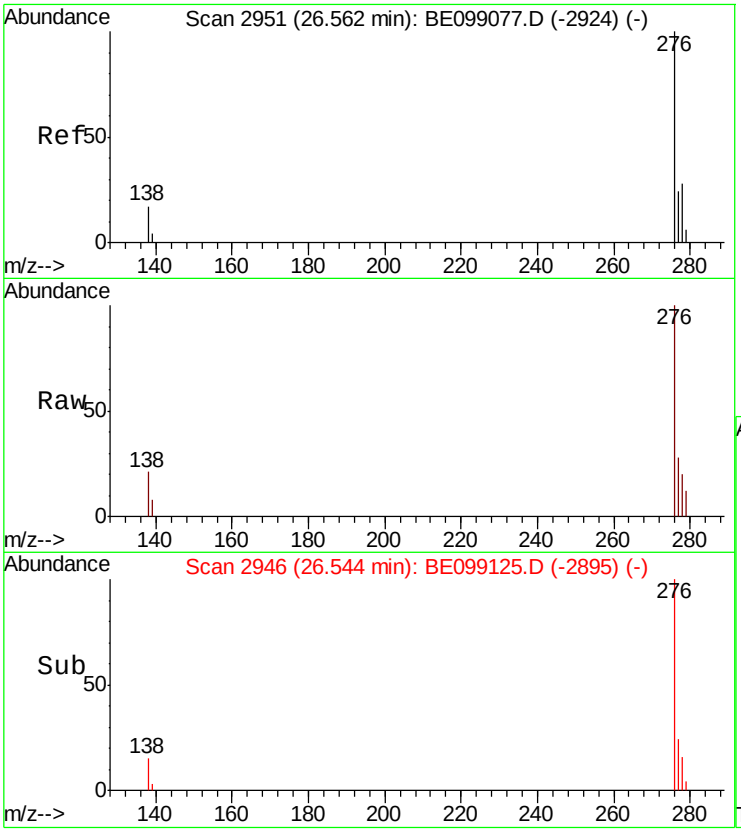


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.159 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:149 Resp: 27248

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.2	1.0	1.4



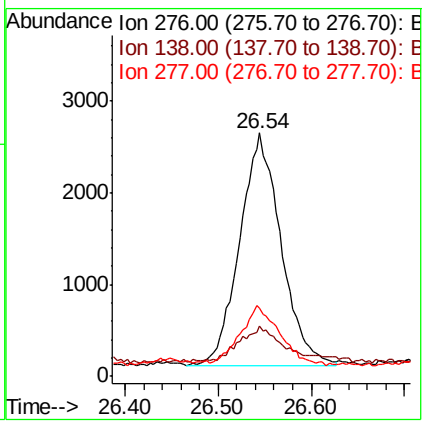


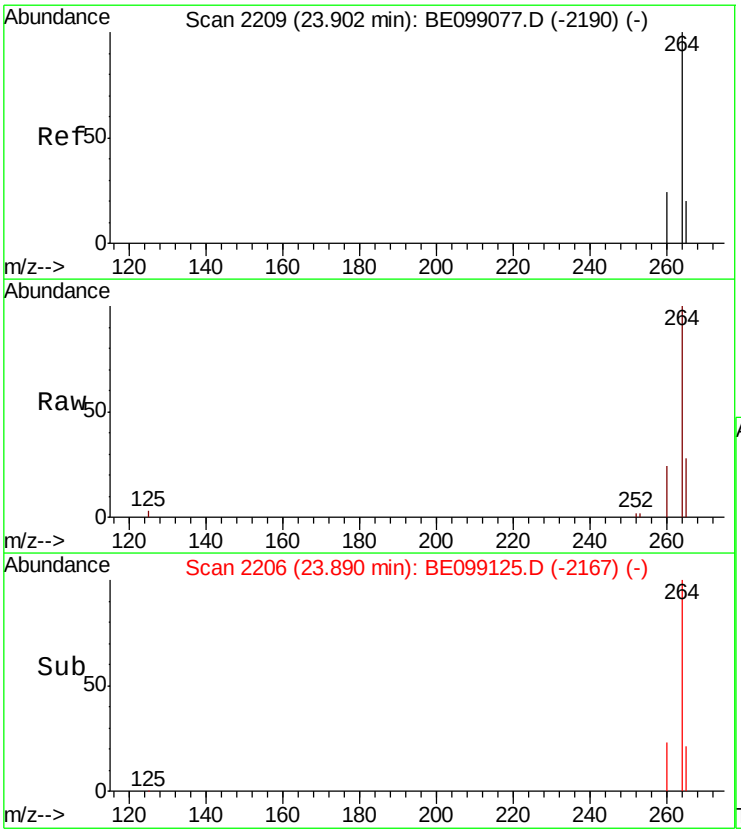
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:276 Resp: 7814

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.8	20.8
277	24.1	19.5	29.3

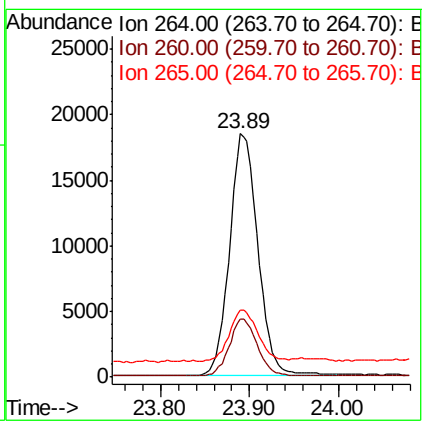


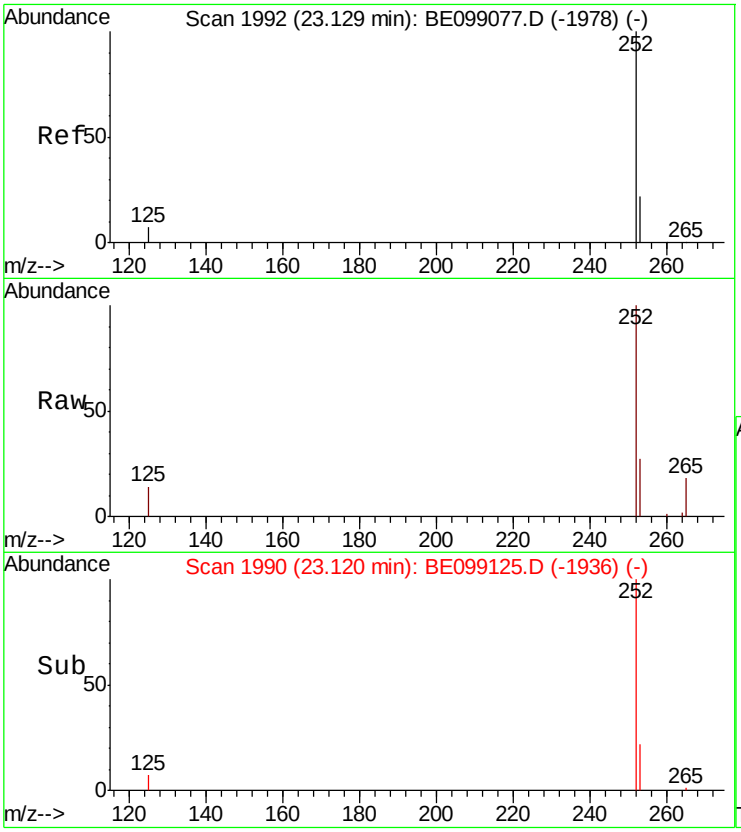


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:264 Resp: 40890

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.2	31.8
265	27.7	24.6	36.8



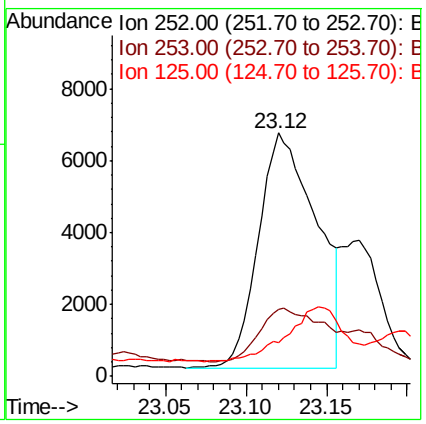


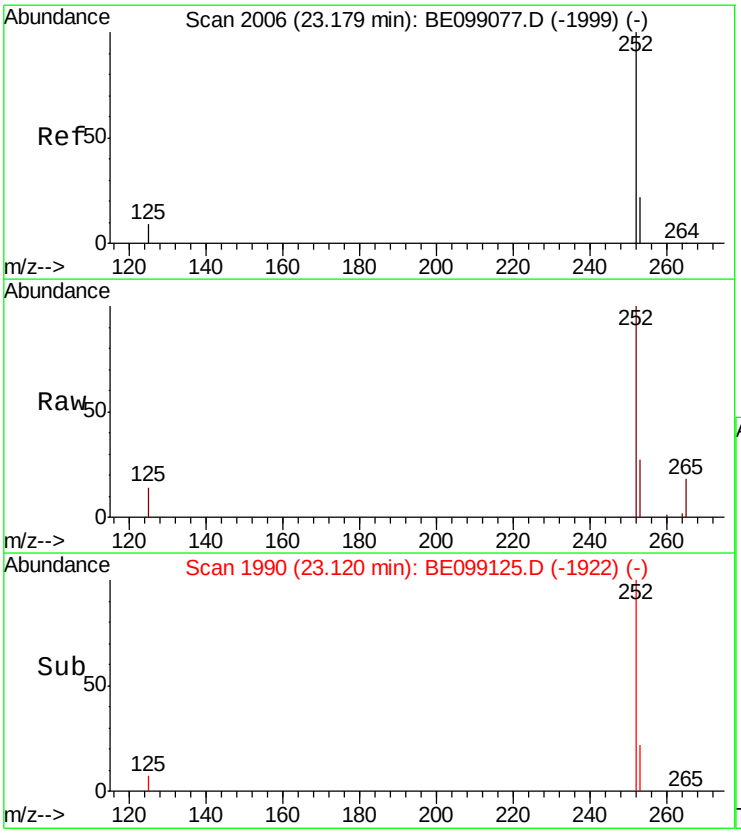
#35
Benzo(b)fluoranthene
Concen: 0.116 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:252 Resp: 16443

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	13.8	7.3	10.9#

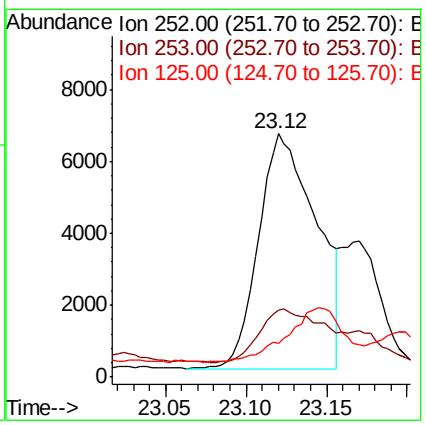


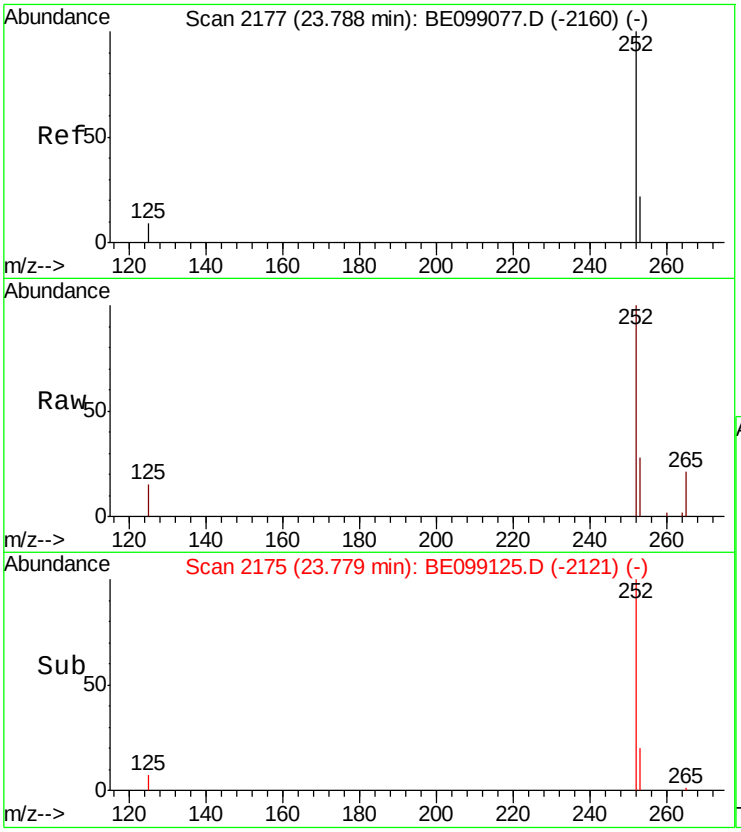


#36
Benzo(k)fluoranthene
Concen: 0.119 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:252 Resp: 16443

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.3	28.9
125	13.8	7.5	11.3#



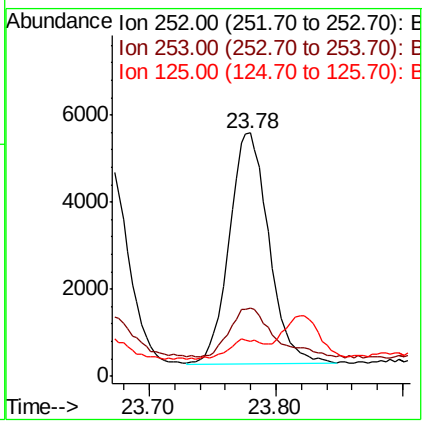


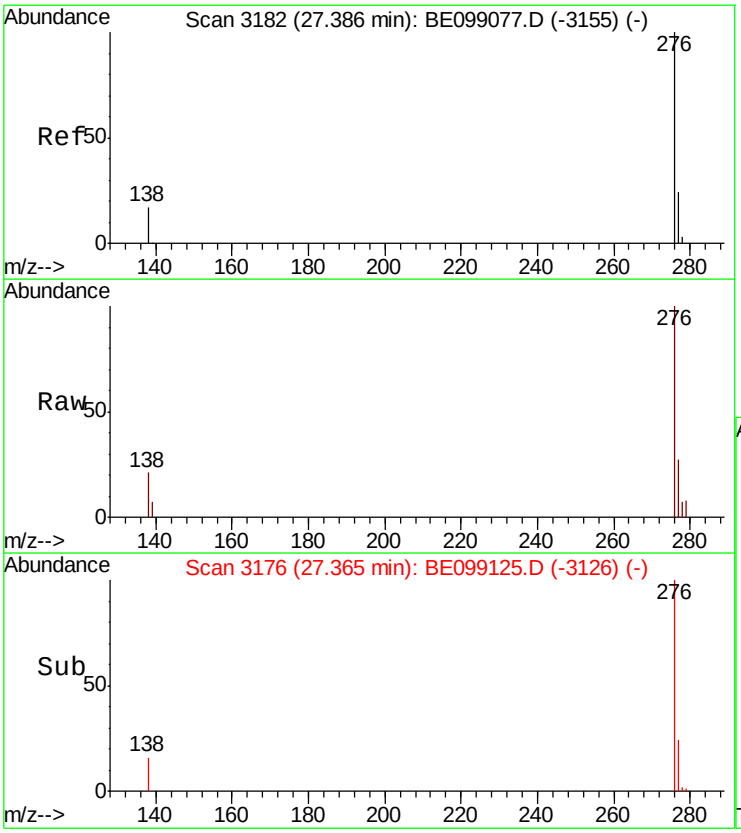
#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:252 Resp: 11463

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.9	29.9
125	14.6	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.064 ng
RT: 27.36 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099125.D
Acq: 23 Mar 2019 00:01

Tgt Ion:276 Resp: 8386

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.4	30.6
138	20.8	13.6	20.4#