Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099258.D
Acq On : 29 Mar 2019 17:06
Operator : JU/SJ
Sample : K1982-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-027-B114-032519

Quant Time: Mar 29 22:56:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3033	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	12746	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	9936	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	30420	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	38705	0.40	ng		-0.01
34) Perylene-d12	23.88	264	39545	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	2083	0.23	ng		0.00
5) Phenol-d6	6.99	99	2982	0.22	ng		0.00
8) Nitrobenzene-d5	8.98	82	2384	0.23	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5567	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1006	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	8185	0.20	ng		0.00
25) Fluoranthene-d10	19.23	212	81400	0.22	ng		-0.01
29) Terphenyl-d14	19.83	244	12713	0.15	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.62	42	245	0.109	ng	#	1
9) Naphthalene	10.67	128	4180	0.028	ng	#	94
12) 2-Methylnaphthalene	12.30	142	804	0.030	ng	#	86
16) Acenaphthylene	14.20	152	2269	0.045	ng		98
17) Acenaphthene	14.53	154	2533	0.084	ng		97
18) Fluorene	15.50	166	3619	0.085	ng	#	95
22) Pentachlorophenol	16.85	266	27	0.248	ng	#	76
23) Phenanthrene	17.24	178	92189	1.032	ng		100
24) Anthracene	17.34	178	17267	0.214	ng	#	94
26) Fluoranthene	19.26	202	156084	1.369	ng		98
28) Pyrene	19.63	202	142602	1.109	ng	#	95
30) Benzo(a)anthracene	21.37	228	94894	0.743	ng		98
31) Chrysene	21.41	228	76884	0.563	ng		96
32) Bis(2-ethylhexyl)phthalate	21.28	149	8040	0.053	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.54	276	32559	0.252	ng	#	74
35) Benzo(b)fluoranthene	23.11	252	84991	0.653	ng	#	92
36) Benzo(k)fluoranthene	23.11	252	84991	0.618	ng	#	92
37) Benzo(a)pyrene	23.77	252	61825	0.509	ng		97
38) Dibenzo(a,h)anthracene	26.55	278	4315	0.040	ng	#	72
39) Benzo(g,h,i)perylene	27.36	276	30152	0.278	ng		97

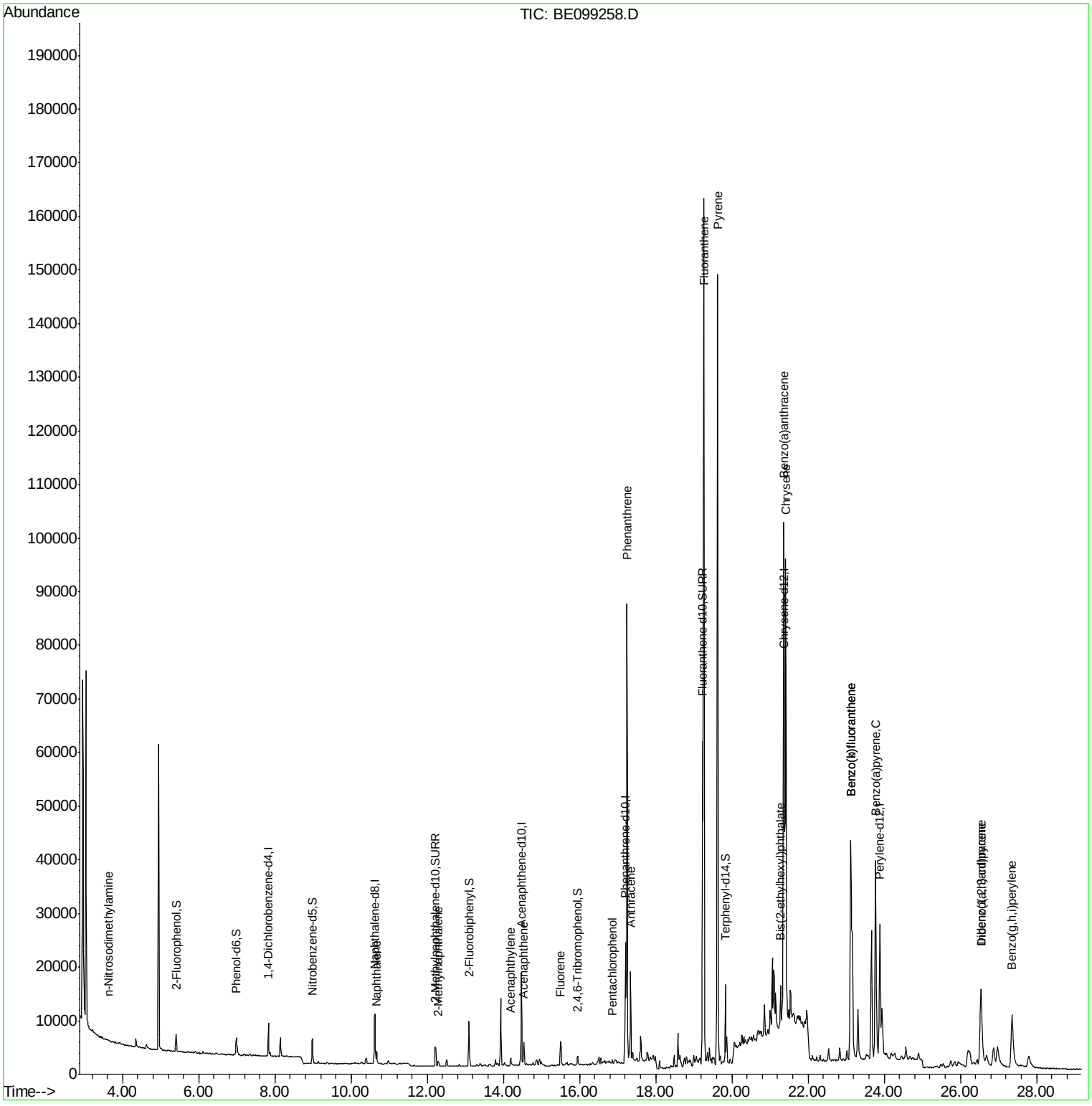
(#) = qualifier out of range (m) = manual integration (+) = signals summed

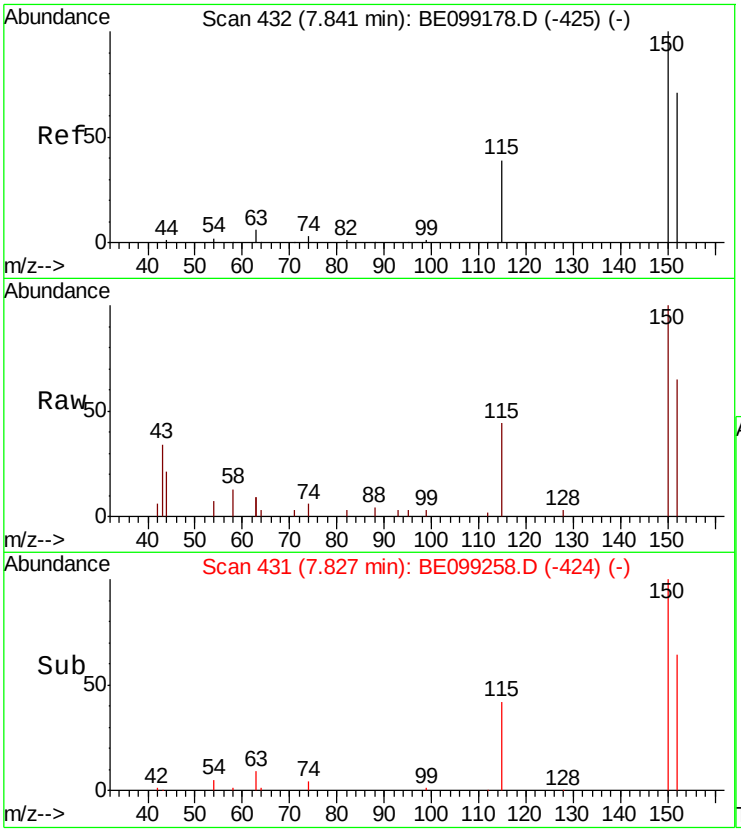
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099258.D
Acq On : 29 Mar 2019 17:06
Operator : JU/SJ
Sample : K1982-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Quant Time: Mar 29 22:56:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



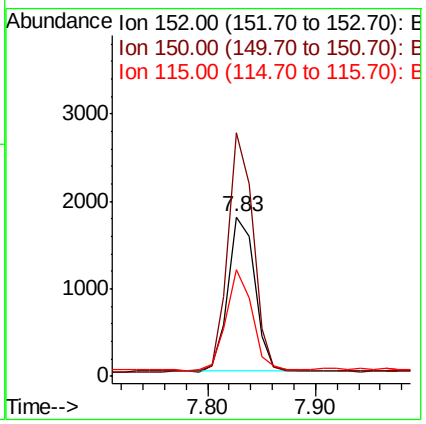


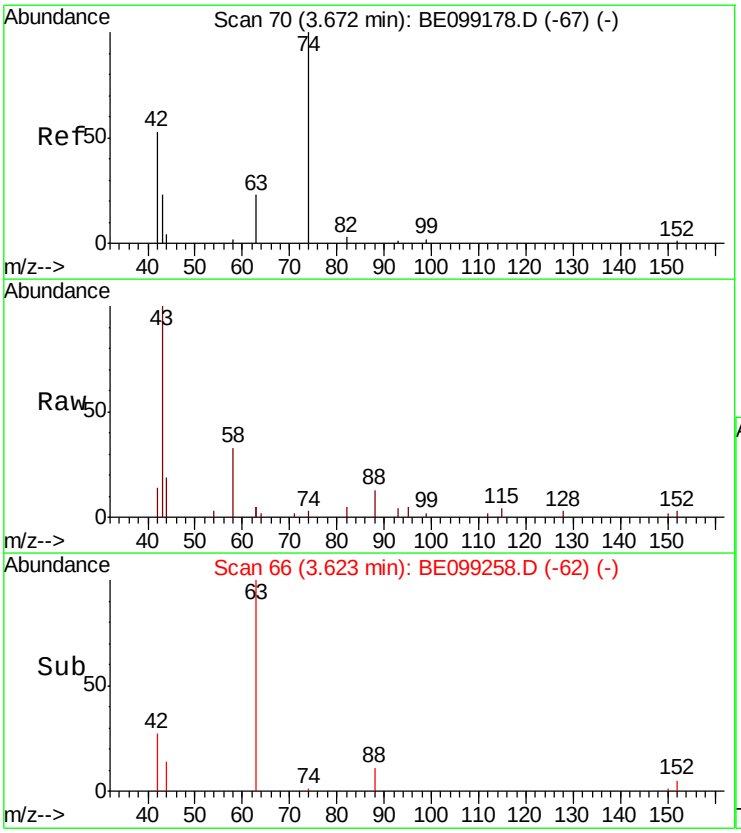
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:152 Resp: 3033

Ion	Ratio	Lower	Upper
152	100		
150	153.0	112.8	169.2
115	67.3	45.1	67.7

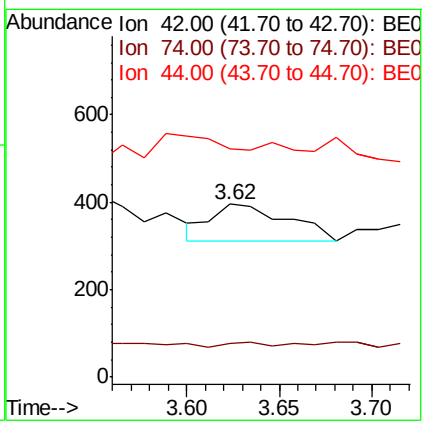


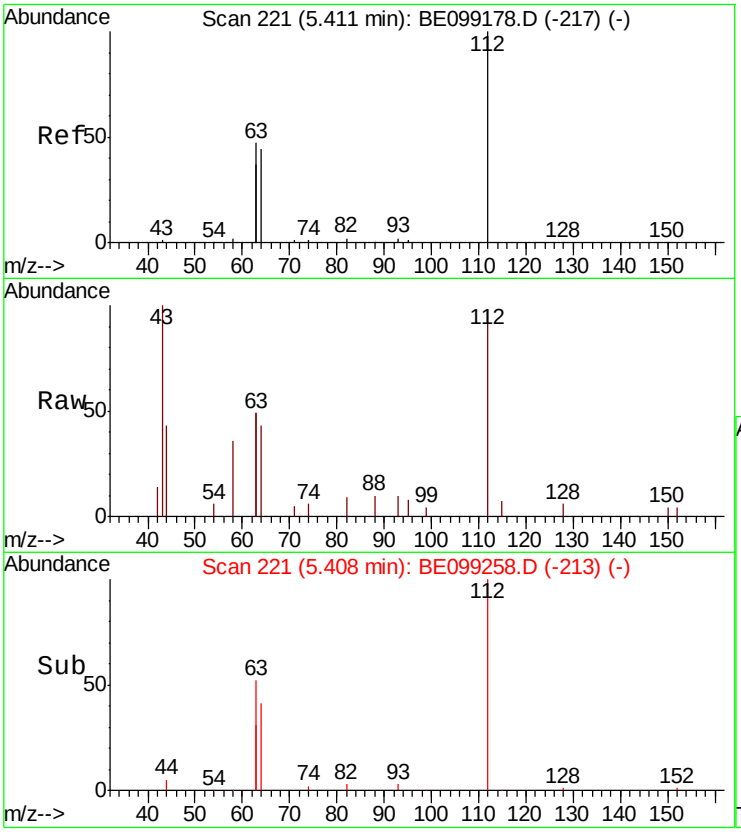


#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.05 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion: 42 Resp: 245

Ion	Ratio	Lower	Upper
42	100		
74	6.9	138.6	207.8#
44	0.0	15.0	22.6#



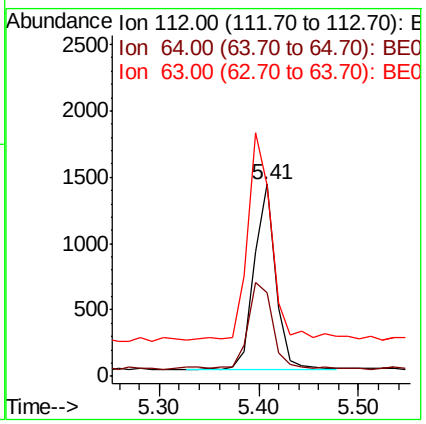


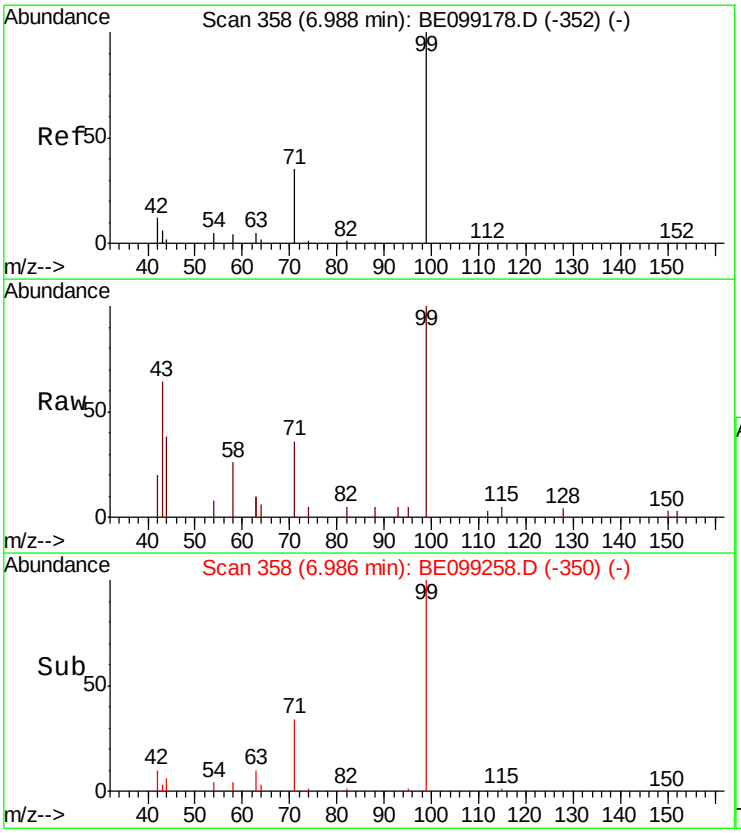
#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:112 Resp: 2083

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.2	69.2
63	125.3	89.9	134.9

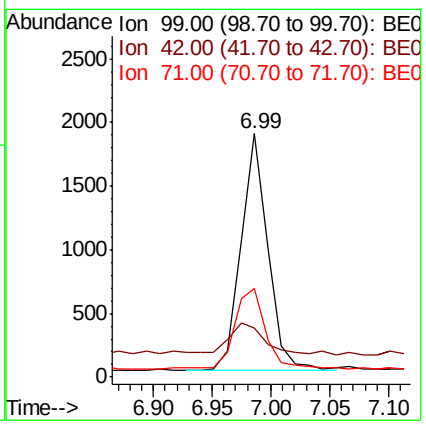


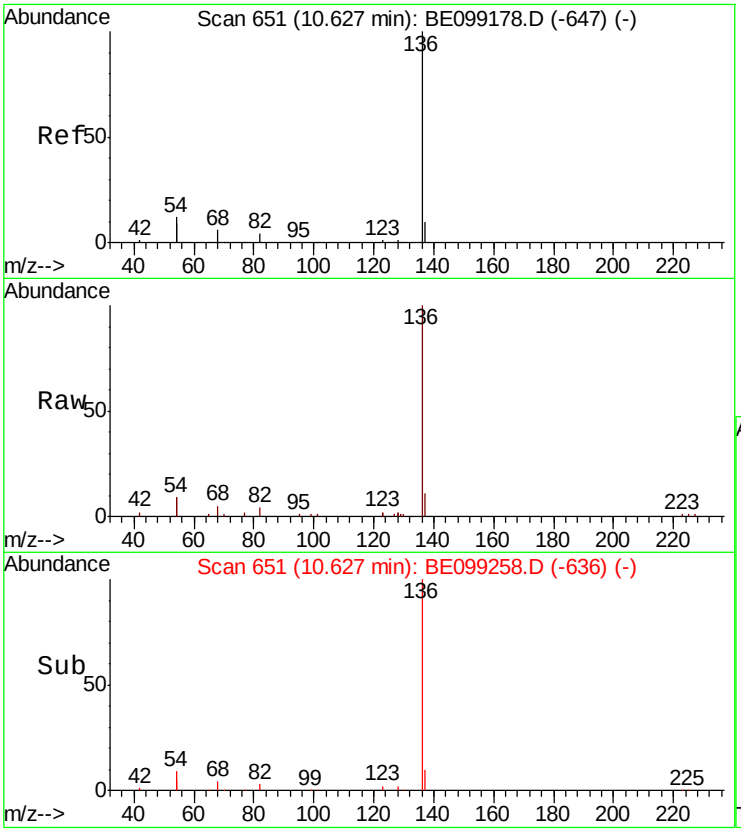


#5
Phenol-d6
Concen: 0.216 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion: 99 Resp: 2982

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.4	18.6
71	38.1	28.4	42.6



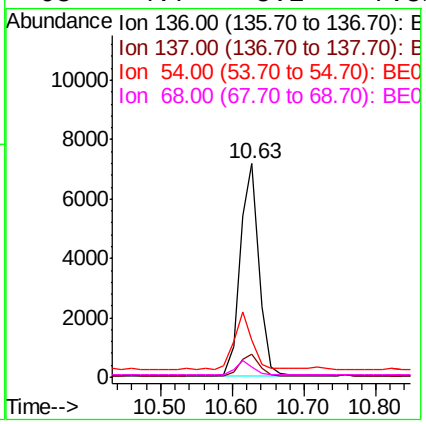


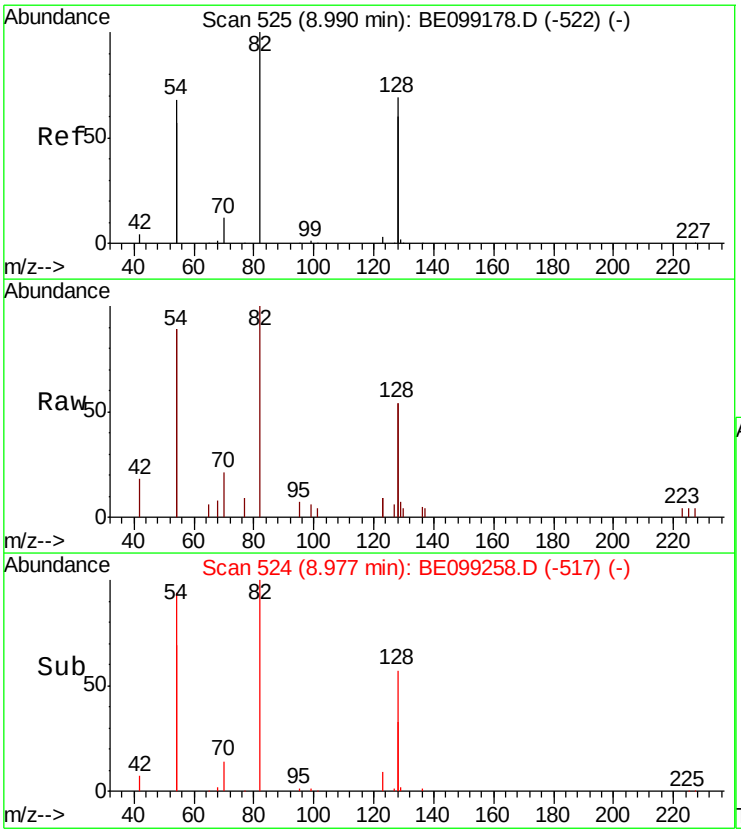
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:136 Resp: 12746

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	17.3	18.7	28.1#
68	4.7	5.2	7.8#

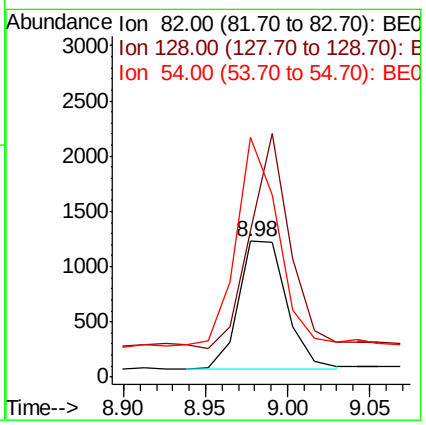


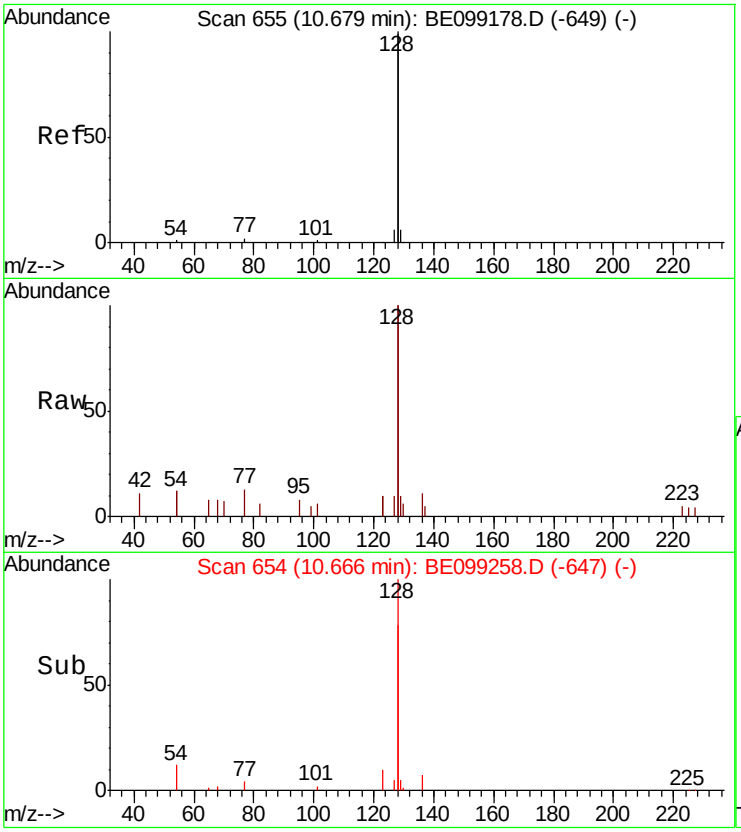


#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion: 82 Resp: 2384

Ion	Ratio	Lower	Upper
82	100		
128	108.1	107.5	161.3
54	177.2	106.3	159.5#



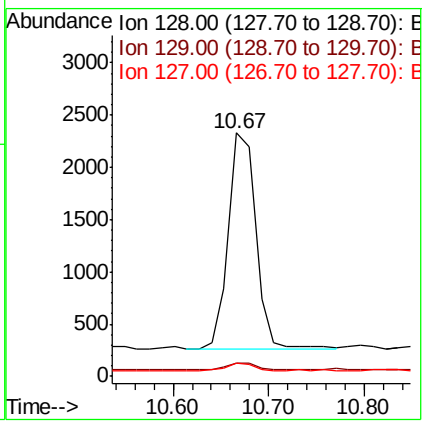


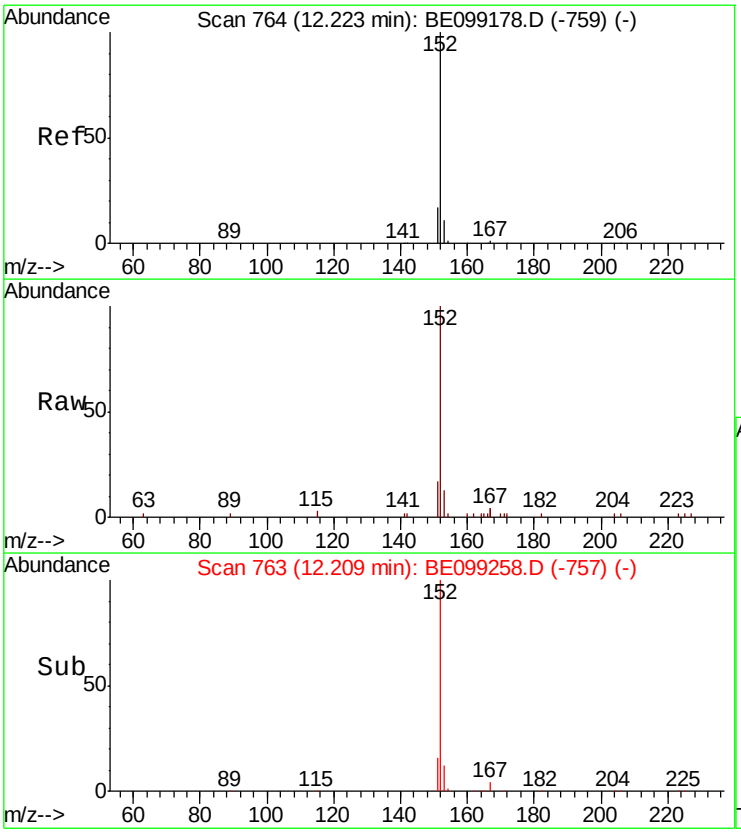
#9
Naphthalene
Concen: 0.028 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:128 Resp: 4180

Ion	Ratio	Lower	Upper
128	100		
129	5.2	2.3	3.5#
127	5.2	2.6	3.8#

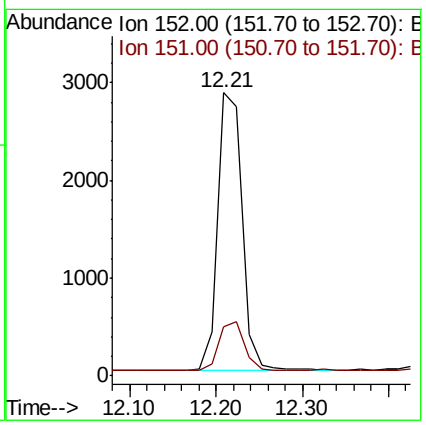


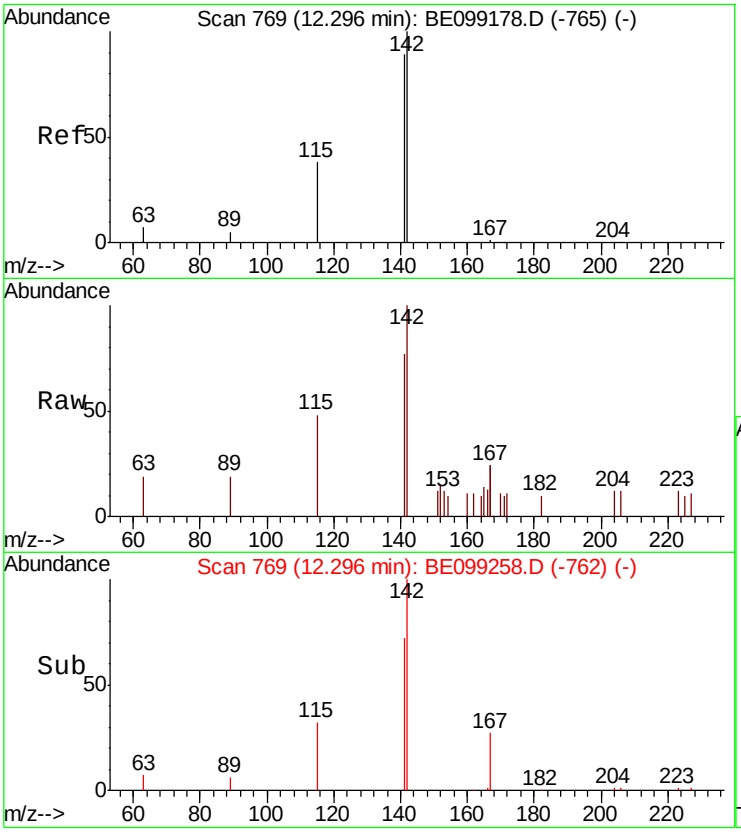


#11
2-Methylnaphthalene-d10
Concen: 0.227 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:152 Resp: 5567

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.6



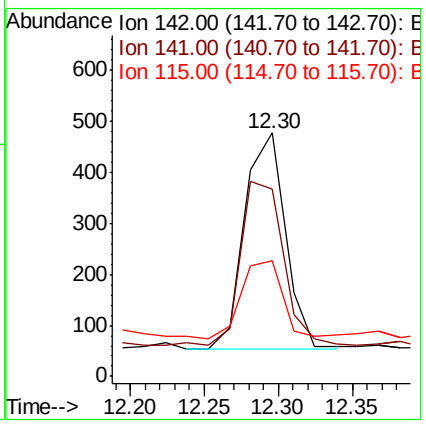


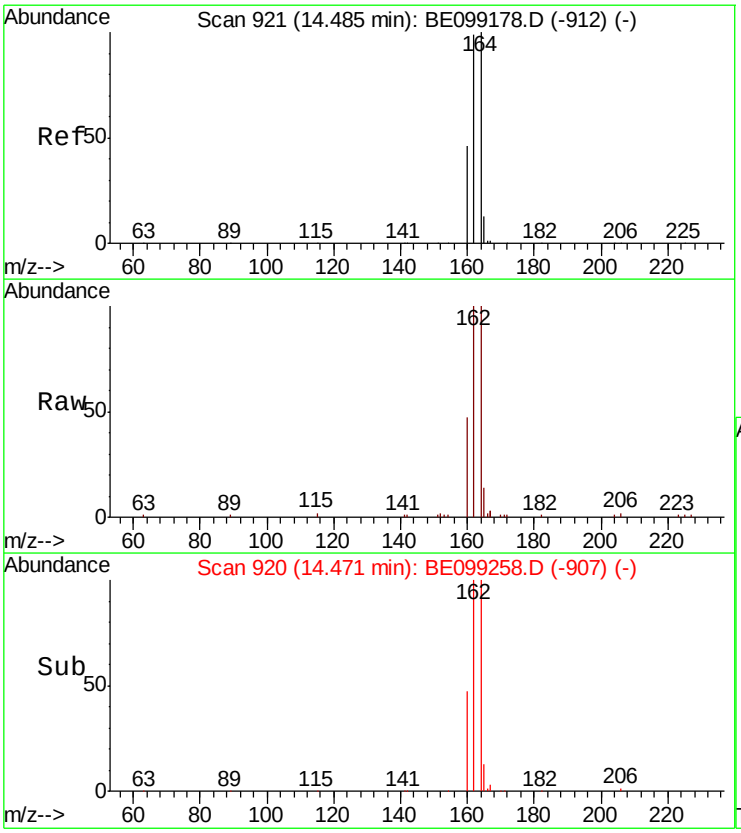
#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:142 Resp: 804

Ion	Ratio	Lower	Upper
142	100		
141	77.1	71.3	106.9
115	47.6	30.4	45.6#

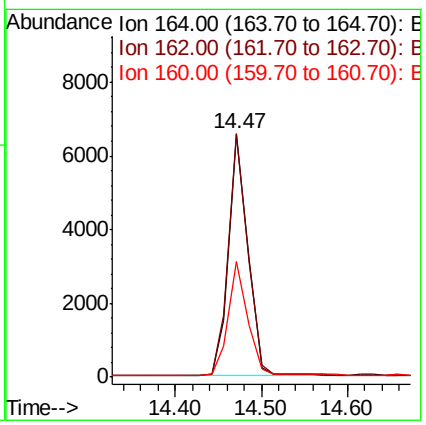


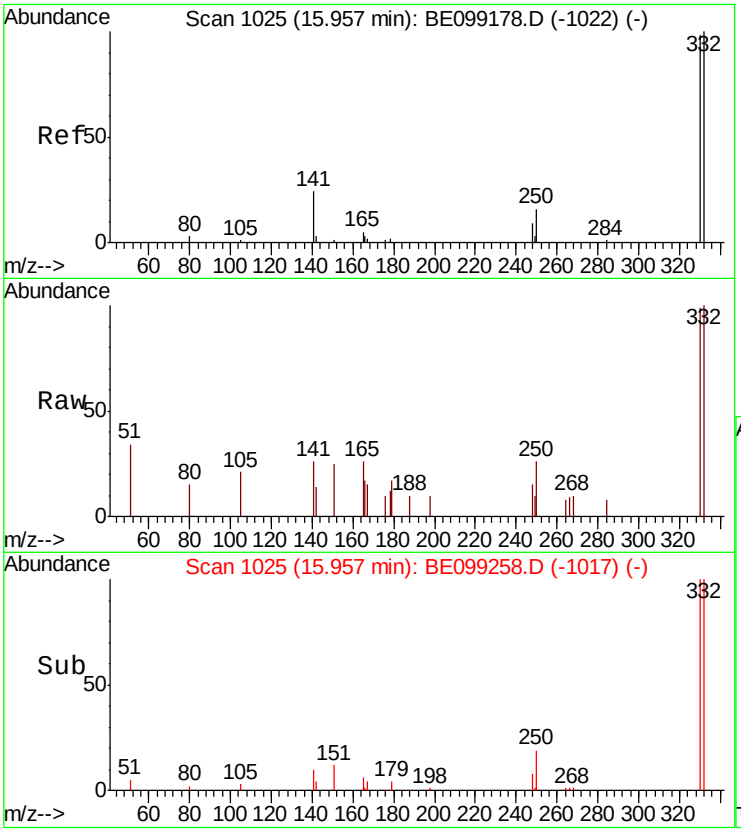


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:164 Resp: 9936

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.2	118.8
160	47.5	36.7	55.1



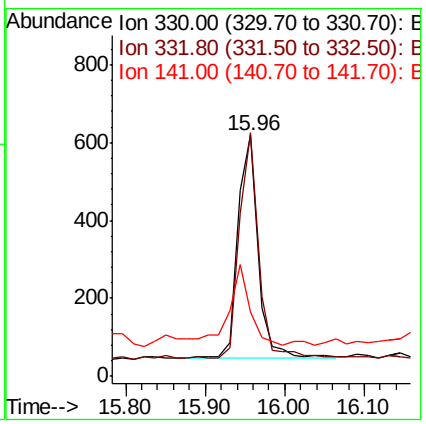


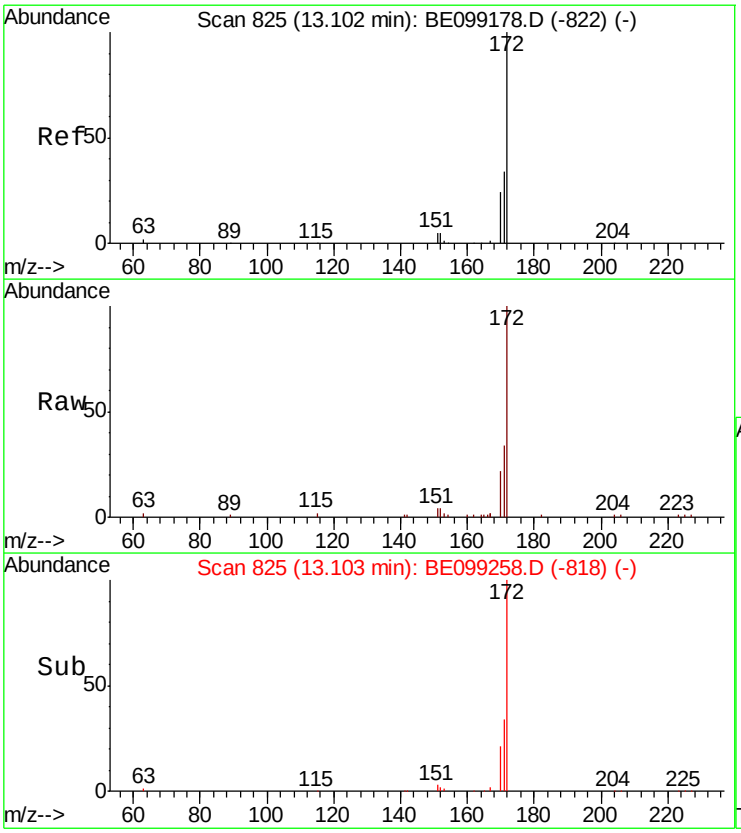
#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:330 Resp: 1006

Ion	Ratio	Lower	Upper
330	100		
332	97.1	71.3	106.9
141	37.4	21.7	32.5#

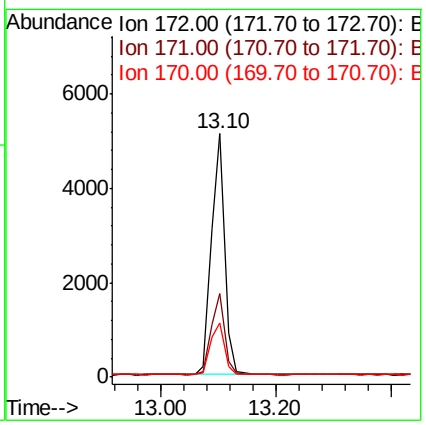


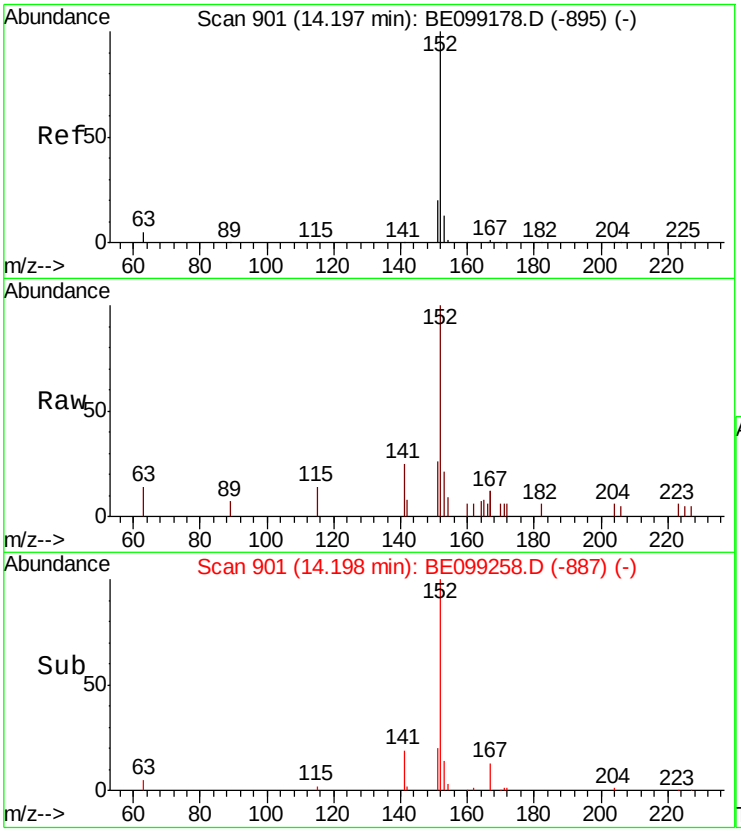


#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:172 Resp: 8185

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	22.1	19.1	28.7



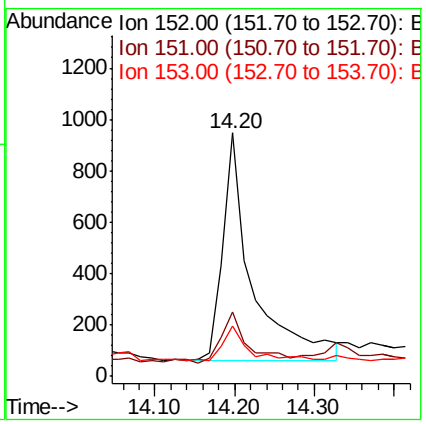


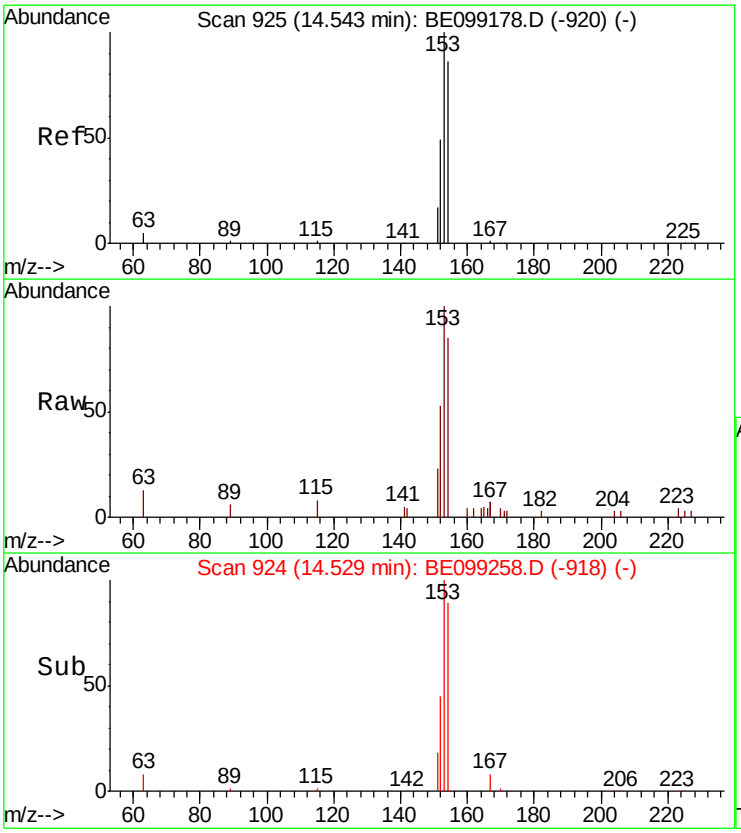
#16
Acenaphthylene
Concen: 0.045 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:152 Resp: 2269

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.7	23.5
153	12.7	10.6	15.8

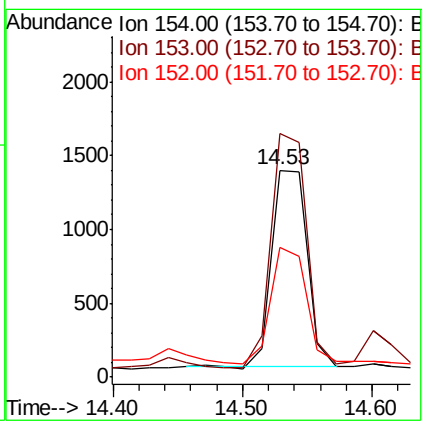


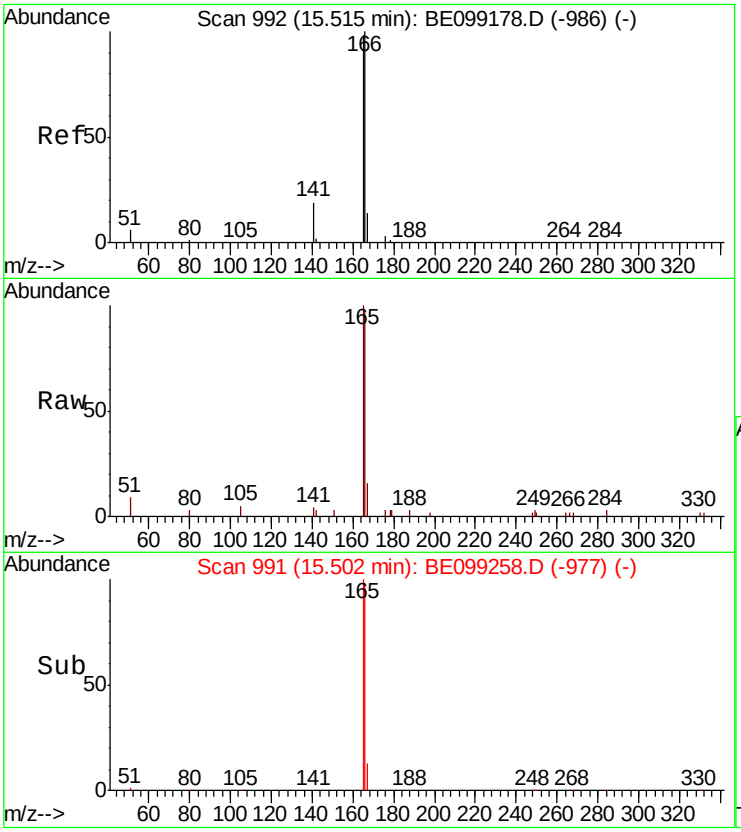


#17
Acenaphthene
Concen: 0.084 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:154 Resp: 2533

Ion	Ratio	Lower	Upper
154	100		
153	119.5	93.4	140.0
152	60.3	46.6	69.8



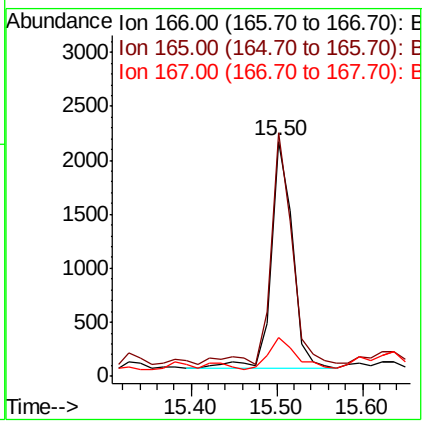


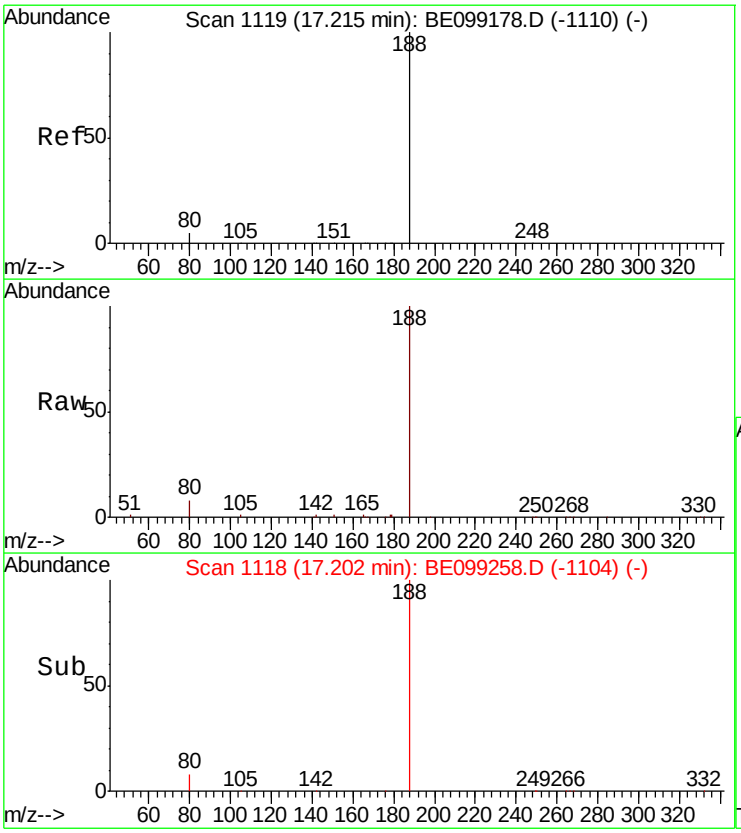
#18
Fluorene
Concen: 0.085 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:166 Resp: 3619

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.9	118.3
167	17.9	10.9	16.3#

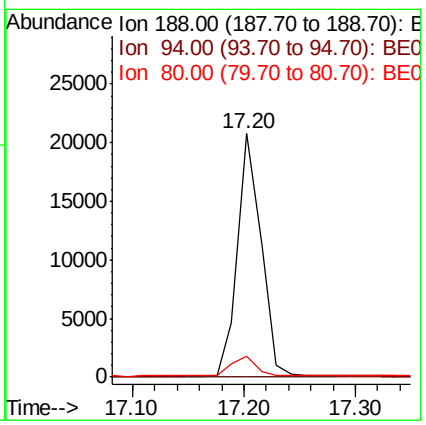


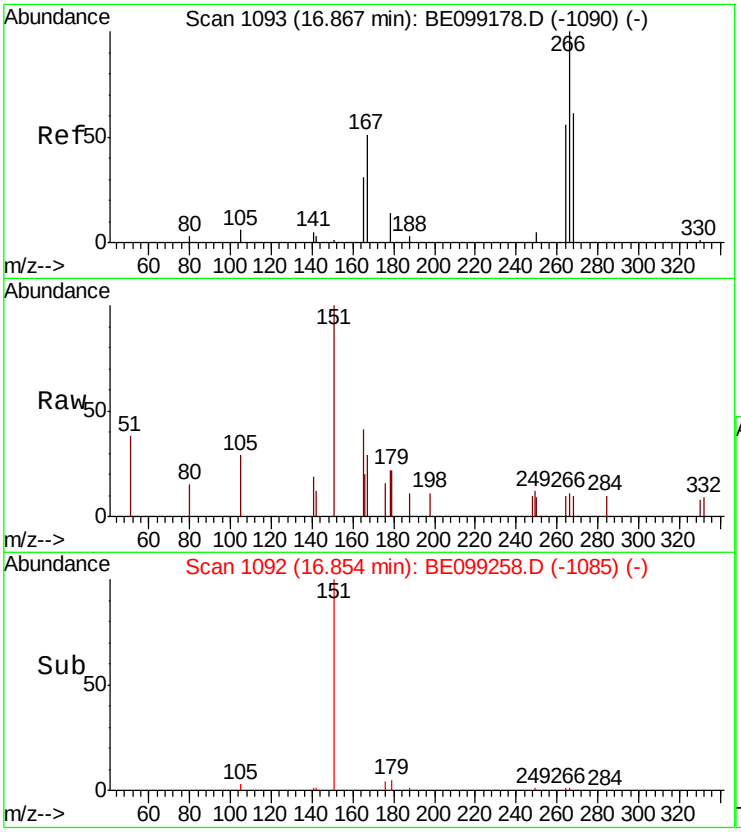


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:188 Resp: 30420

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	4.5	6.7#



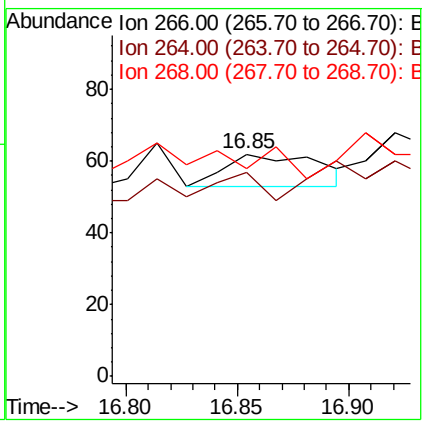


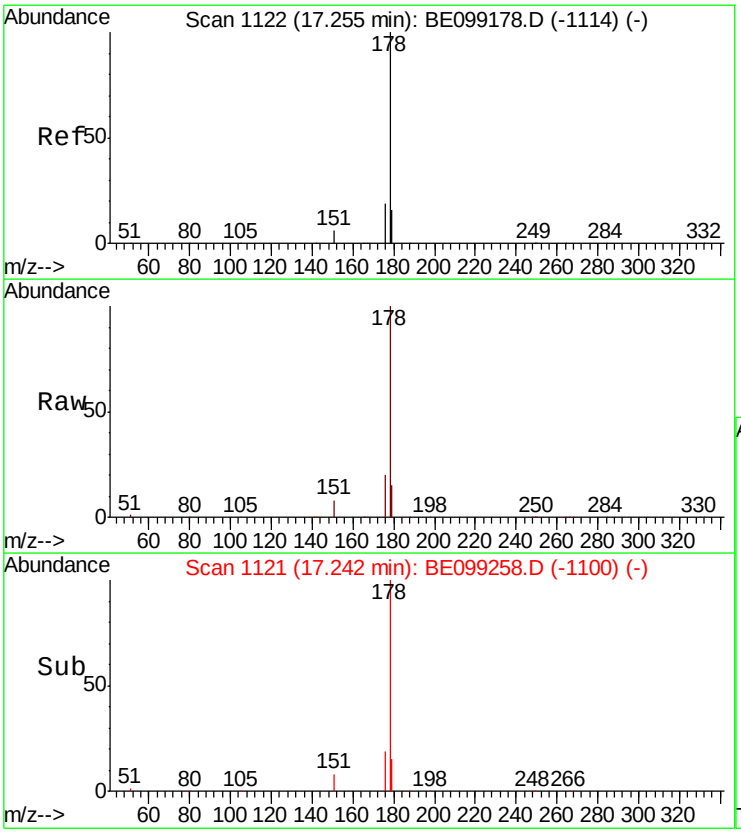
#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	91.9	54.4	81.6#
268	93.5	61.3	91.9#

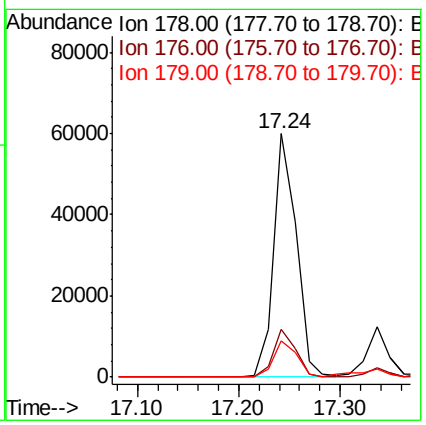


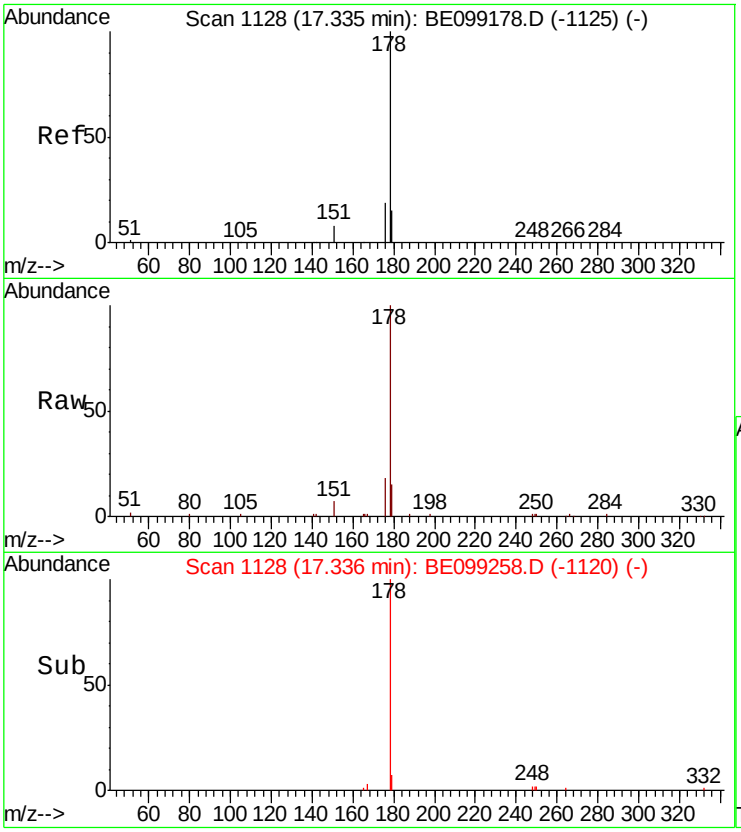


#23
Phenanthrene
Concen: 1.032 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:178 Resp: 92189

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.3	18.5



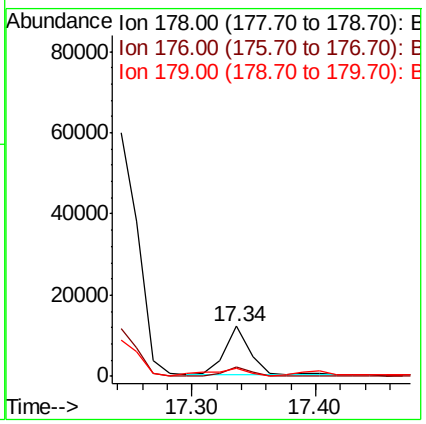


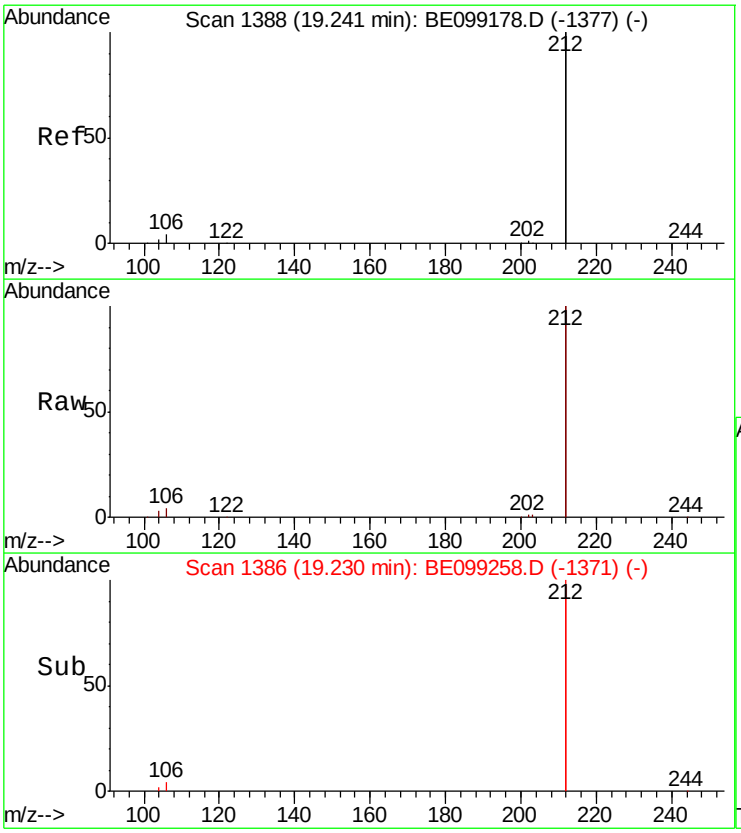
#24
Anthracene
Concen: 0.214 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:178 Resp: 17267

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	20.4	12.4	18.6#

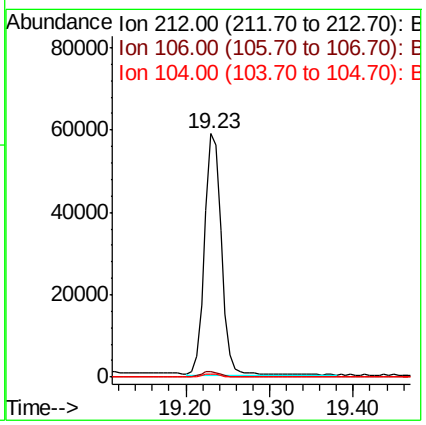


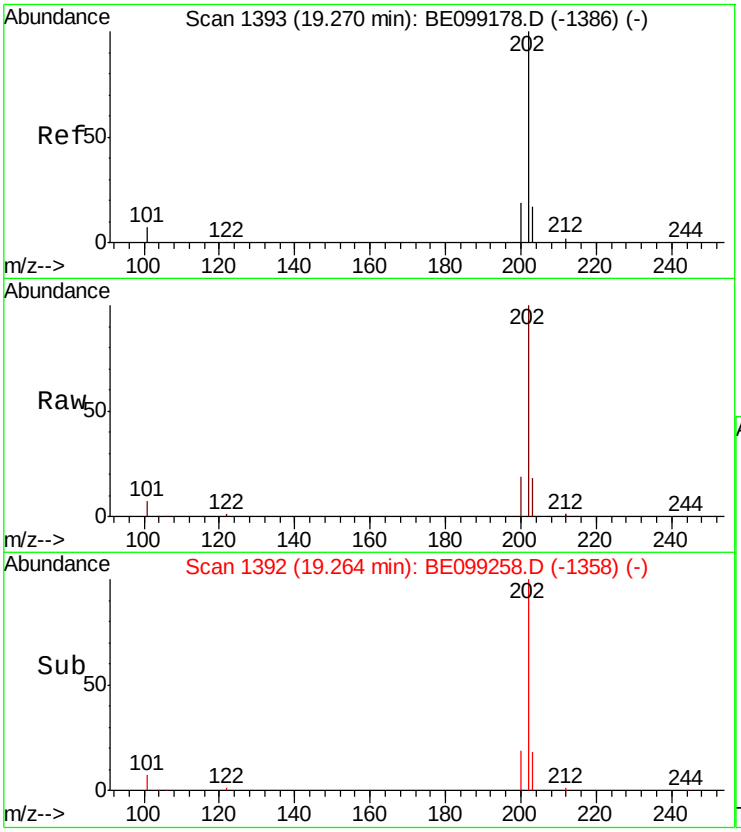


#25
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:212 Resp: 81400

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.3	1.1	1.7



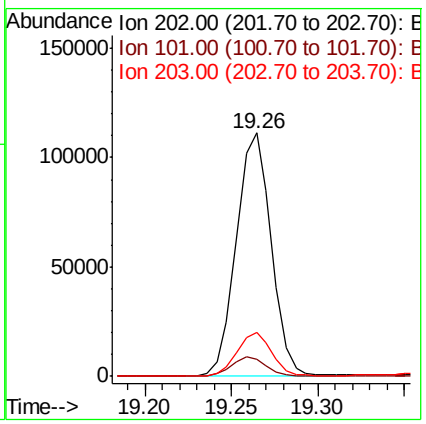


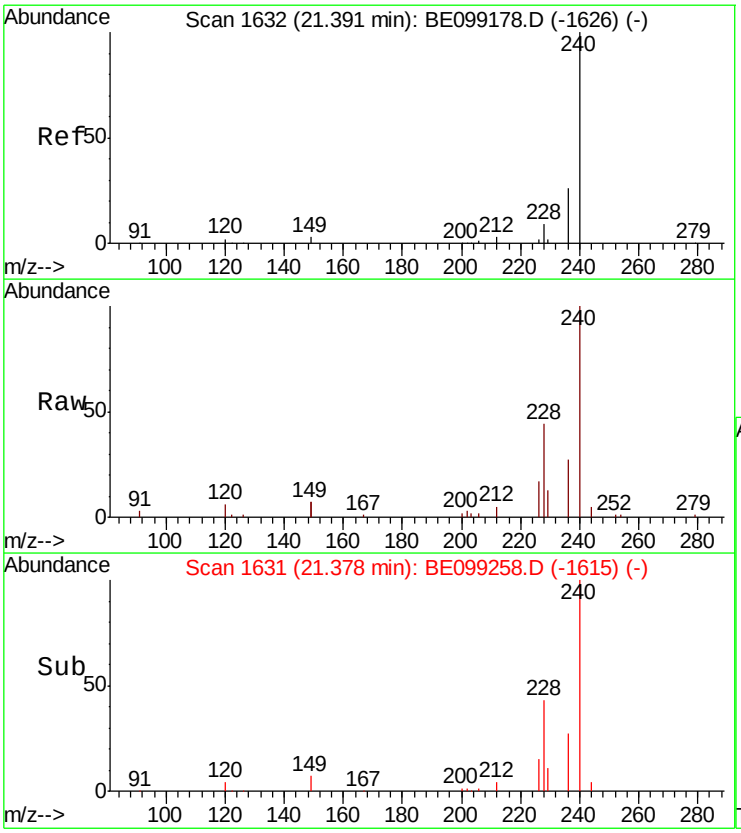
#26
Fluoranthene
Concen: 1.369 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:202 Resp: 156084

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.6	13.8	20.6

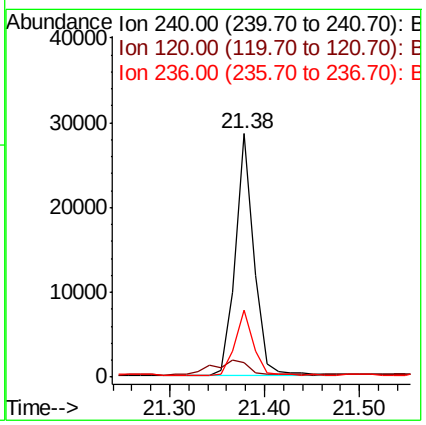


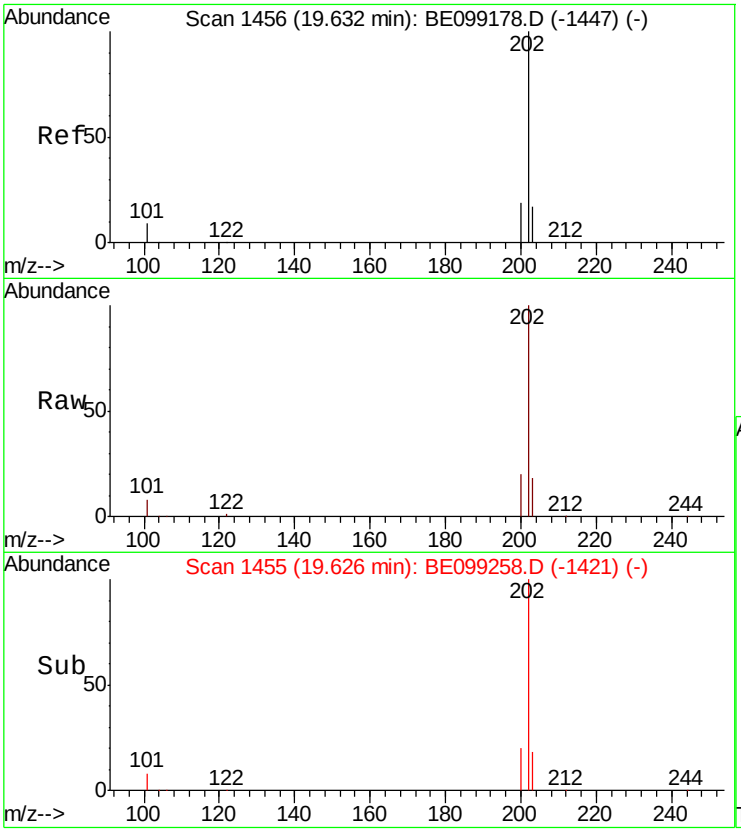


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:240 Resp: 38705

Ion	Ratio	Lower	Upper
240	100		
120	5.7	2.6	3.8#
236	27.5	20.9	31.3



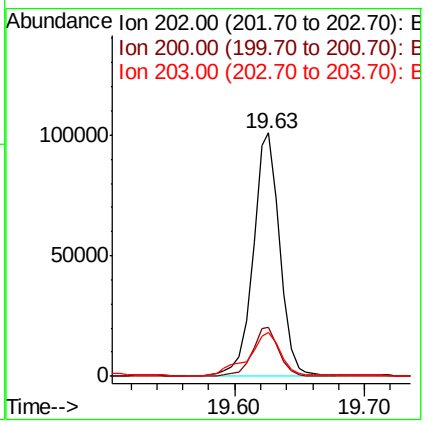


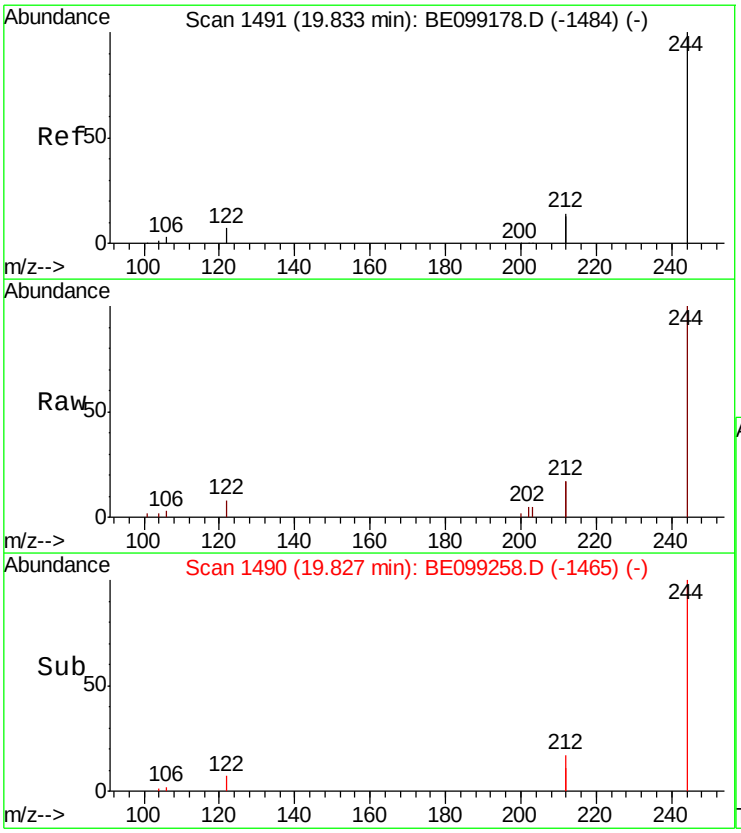
#28
Pyrene
Concen: 1.109 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:202 Resp: 142602

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.8	23.8
203	22.0	14.1	21.1#

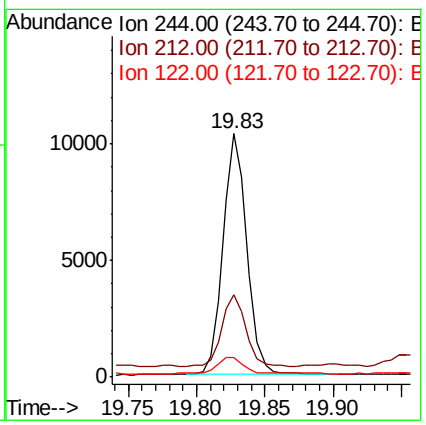


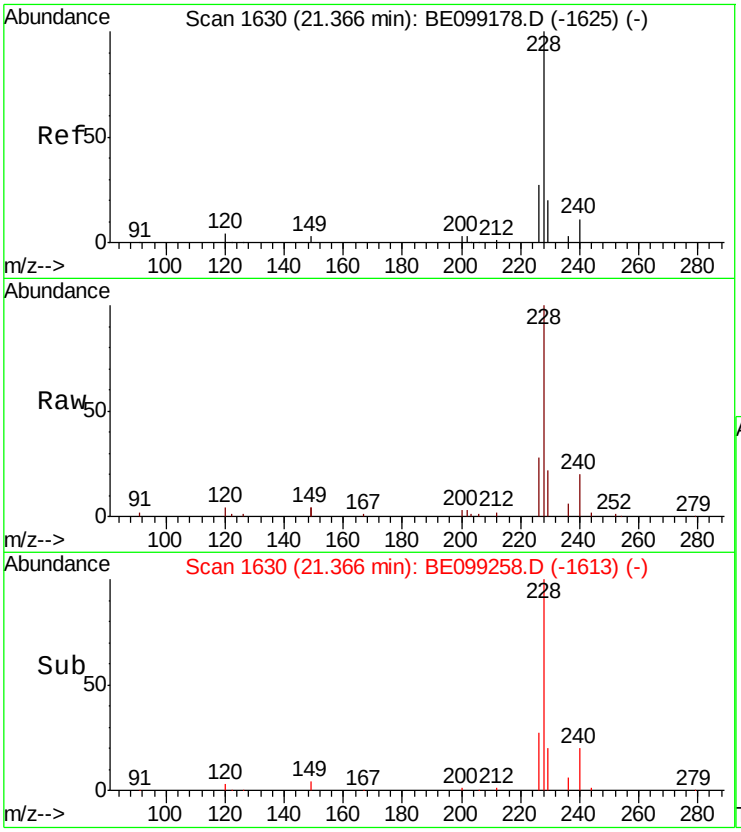


#29
Terphenyl-d14
Concen: 0.151 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:244 Resp: 12713

Ion	Ratio	Lower	Upper
244	100		
212	33.7	22.7	34.1
122	8.2	5.8	8.6



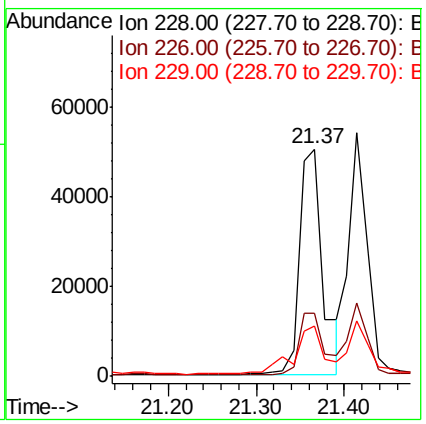


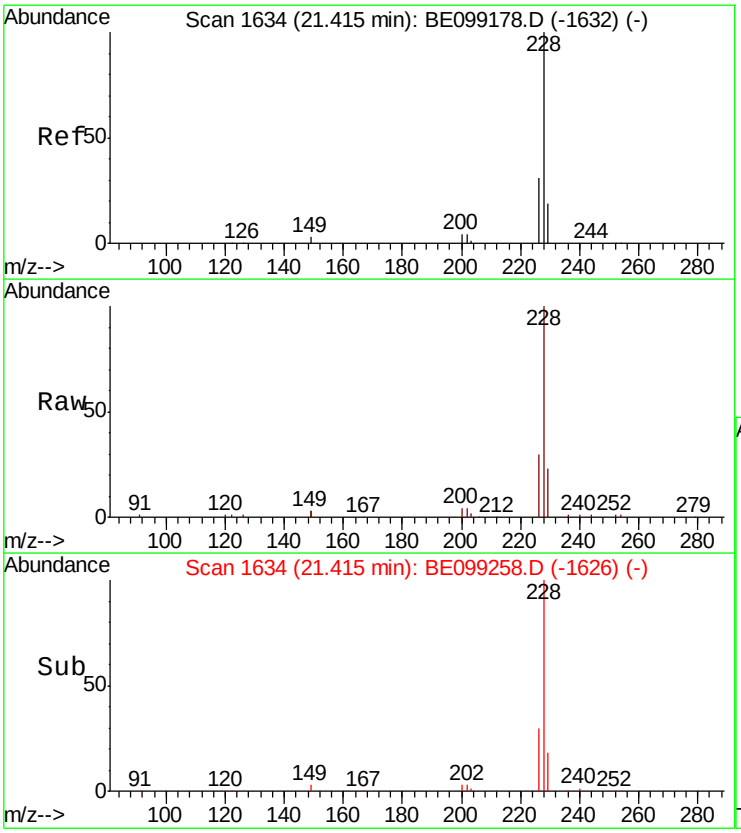
#30
Benzo(a)anthracene
Concen: 0.743 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:228 Resp: 94894

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	22.0	15.9	23.9

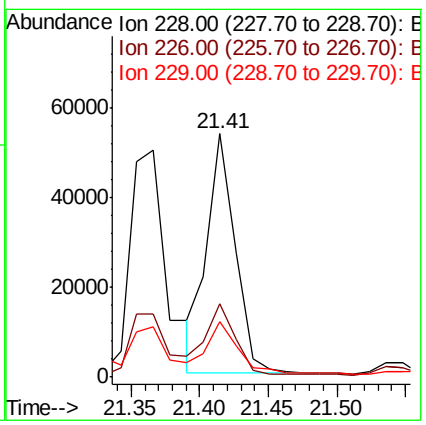


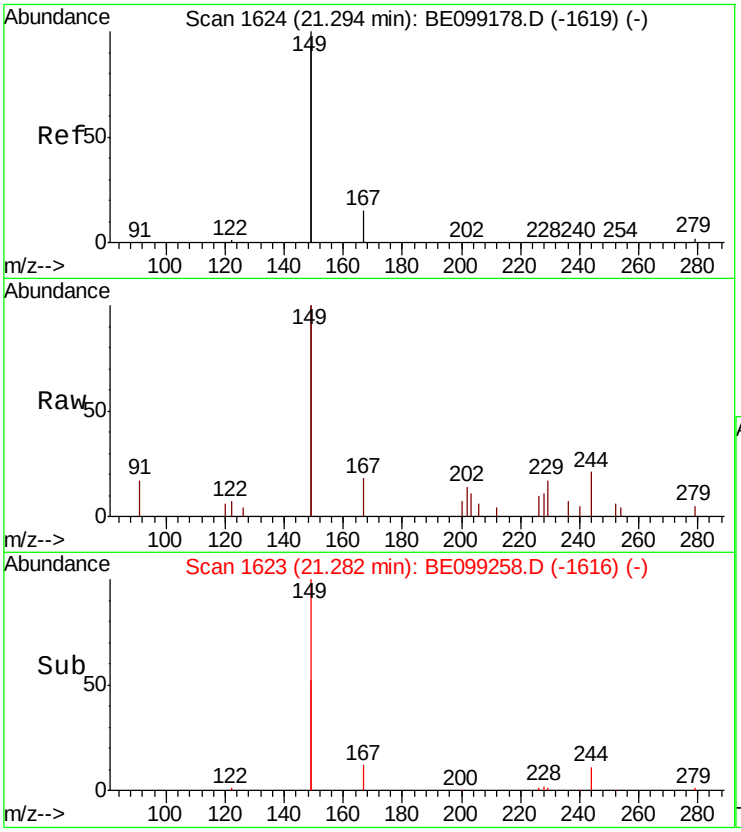


#31
Chrysene
Concen: 0.563 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:228 Resp: 76884

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	22.8	15.4	23.0



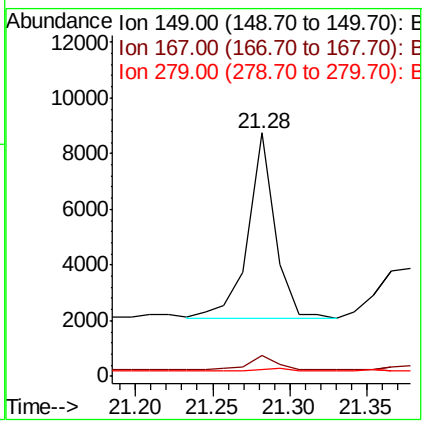


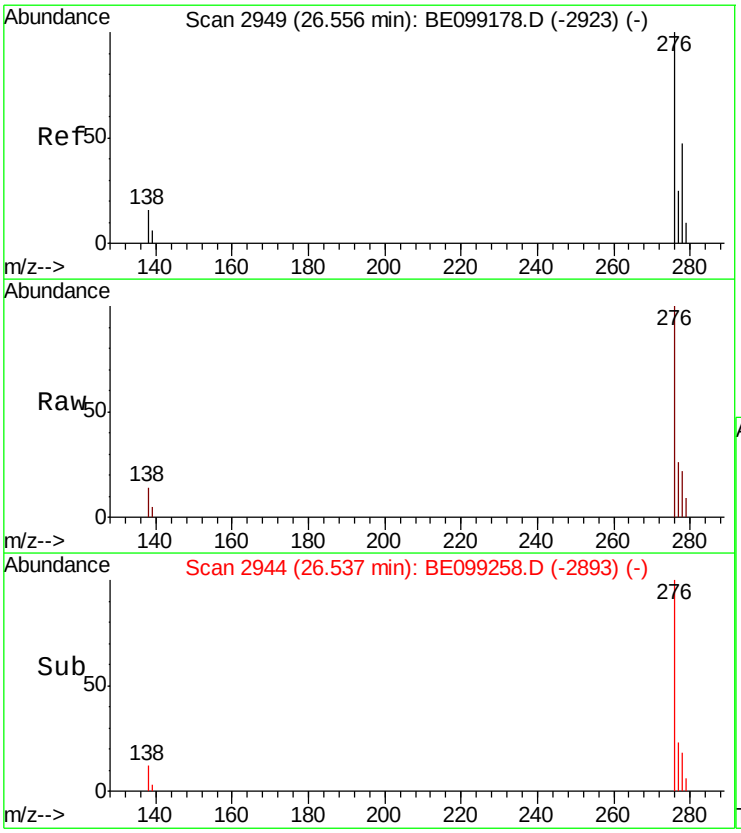
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:149 Resp: 8040

Ion	Ratio	Lower	Upper
149	100		
167	9.0	5.9	8.9#
279	2.3	1.0	1.6#

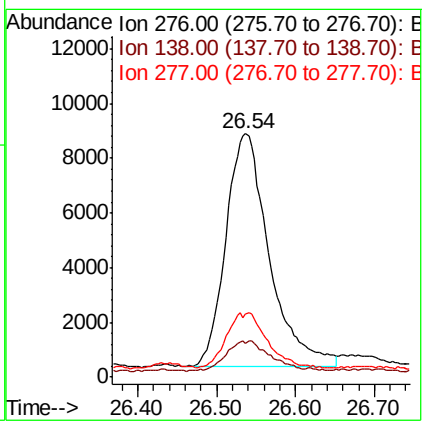


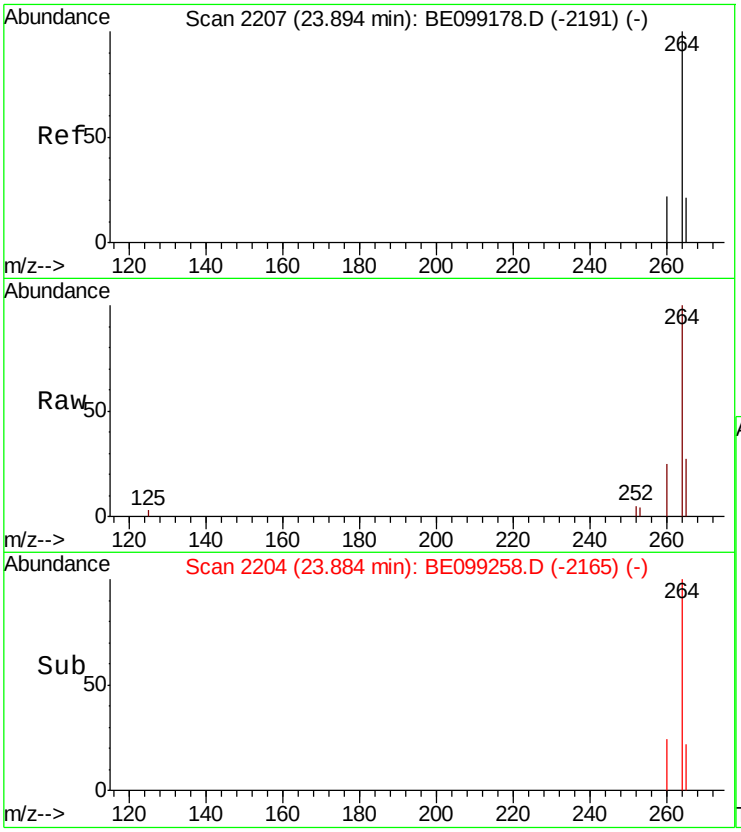


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:276 Resp: 32559

Ion	Ratio	Lower	Upper
276	100		
138	6.0	12.9	19.3#
277	9.4	18.3	27.5#



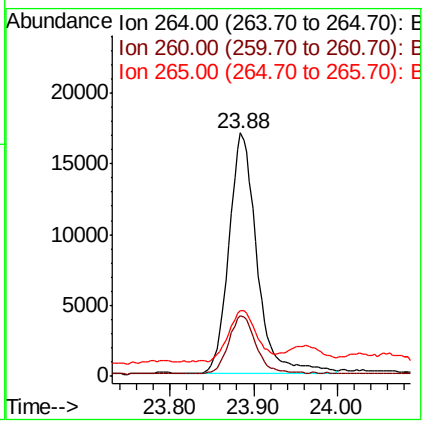


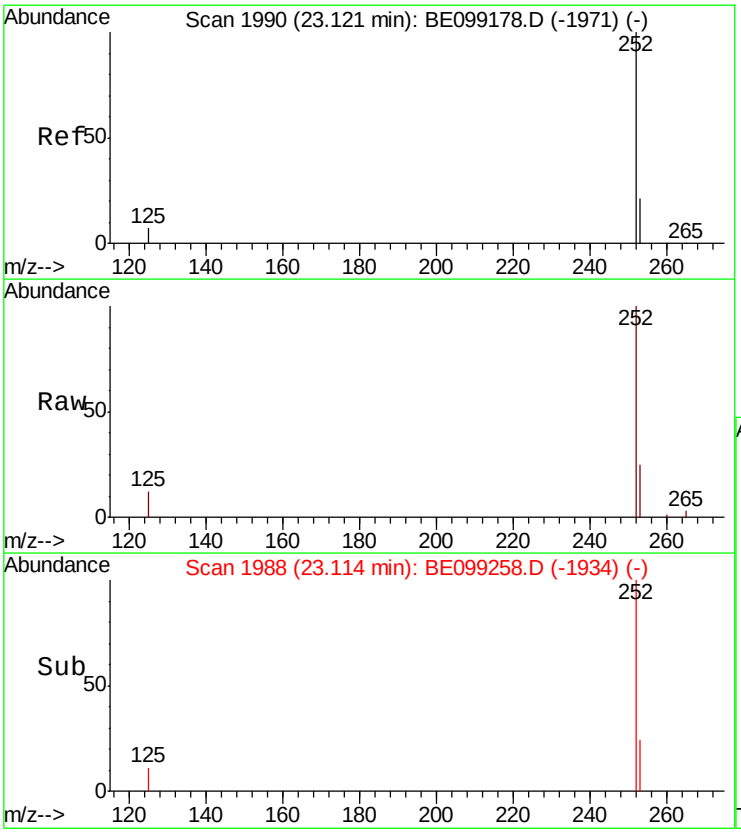
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:264 Resp: 39545

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	26.9	21.8	32.8

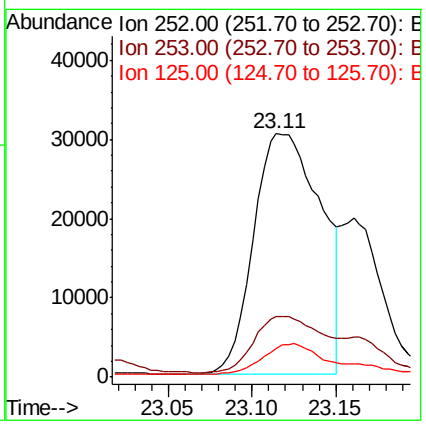


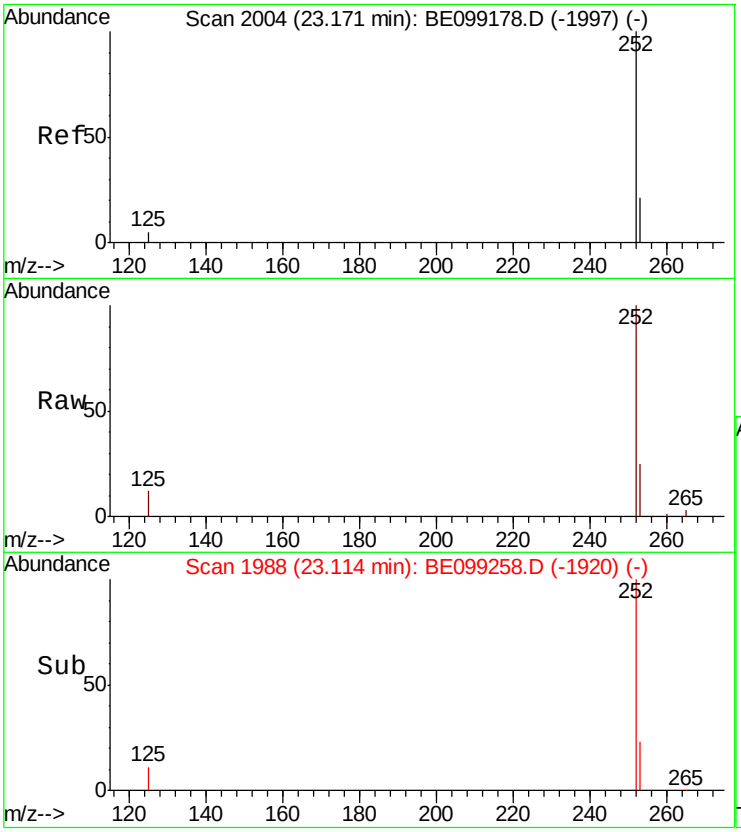


#35
Benzo(b)fluoranthene
Concen: 0.653 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:252 Resp: 84991

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	11.9	6.1	9.1#



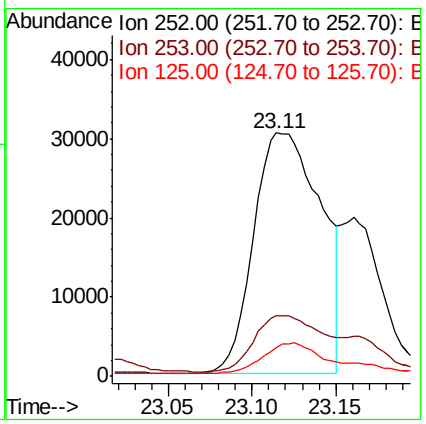


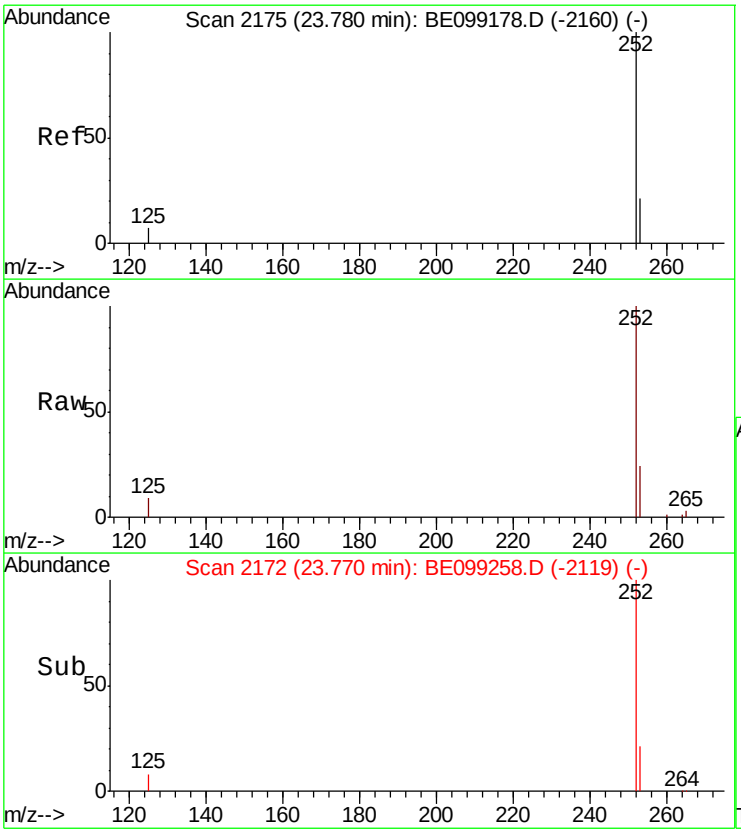
#36
Benzo(k)fluoranthene
Concen: 0.618 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.06 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:252 Resp: 84991

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	11.9	5.9	8.9#

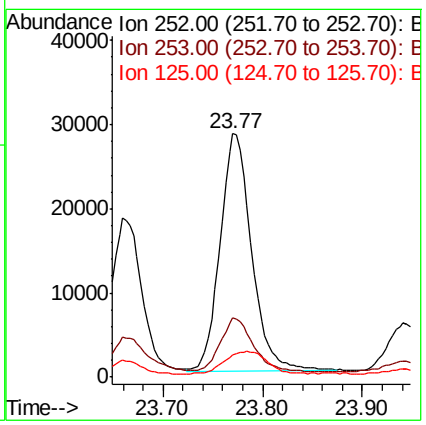


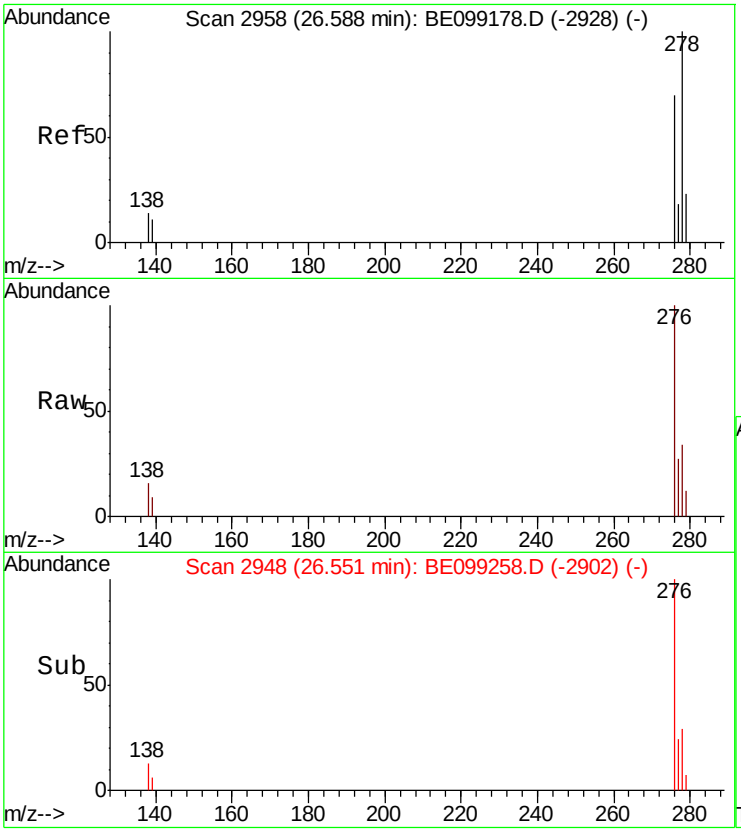


#37
Benzo(a)pyrene
Concen: 0.509 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:252 Resp: 61825

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	9.0	6.8	10.2



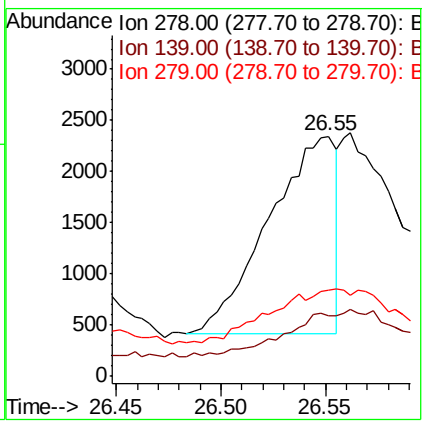


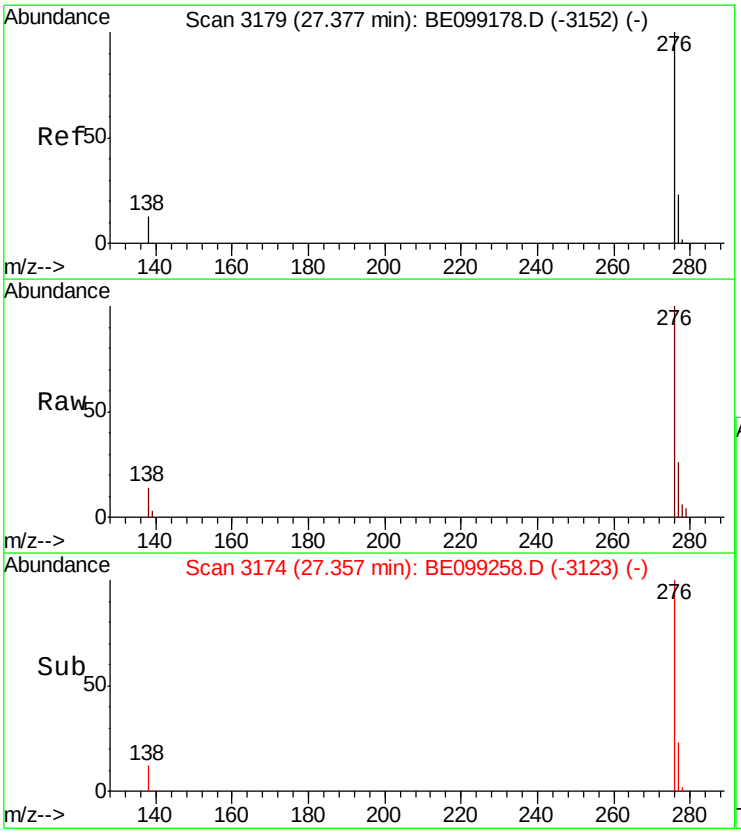
#38
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.04 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:278 Resp: 4315

Ion	Ratio	Lower	Upper
278	100		
139	25.4	9.5	14.3#
279	35.7	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.278 ng
RT: 27.36 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:276 Resp: 30152

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.4
138	14.1	11.1	16.7