Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099550.D
Acq On : 6 May 2019 13:38
Operator : JU/SJ
Sample : K2589-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-SW098-042419

Quant Time: May 07 08:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2079	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	7429	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	5220	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	15158	0.40	ng		0.00
27) Chrysene-d12	21.43	240	21971	0.40	ng		-0.01
34) Perylene-d12	23.98	264	25638	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1935	0.34	ng		0.00
5) Phenol-d6	6.99	99	2785	0.36	ng		0.00
8) Nitrobenzene-d5	8.98	82	2331	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4052	0.30	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	1220	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	5864	0.29	ng		0.00
25) Fluoranthene-d10	19.28	212	59713	0.29	ng		0.00
29) Terphenyl-d14	19.87	244	11828	0.29	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	16.89	266	84	0.233	ng	#	63
23) Phenanthrene	17.28	178	3186	0.081	ng		98
26) Fluoranthene	19.31	202	9184	0.157	ng		99
28) Pyrene	19.67	202	9774	0.171	ng		96
30) Benzo(a)anthracene	21.41	228	6344	0.091	ng	#	87
31) Chrysene	21.47	228	6818	0.100	ng	#	87
32) Bis(2-ethylhexyl)phthalate	21.33	149	11417	0.044	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	4541	0.056	ng		99
35) Benzo(b)fluoranthene	23.20	252	8793	0.119	ng	#	52
36) Benzo(k)fluoranthene	23.20	252	8793	0.123	ng	#	54
37) Benzo(a)pyrene	23.87	252	6009	0.086	ng	#	59
39) Benzo(g,h,i)perylene	27.53	276	4677	0.065	ng	#	76

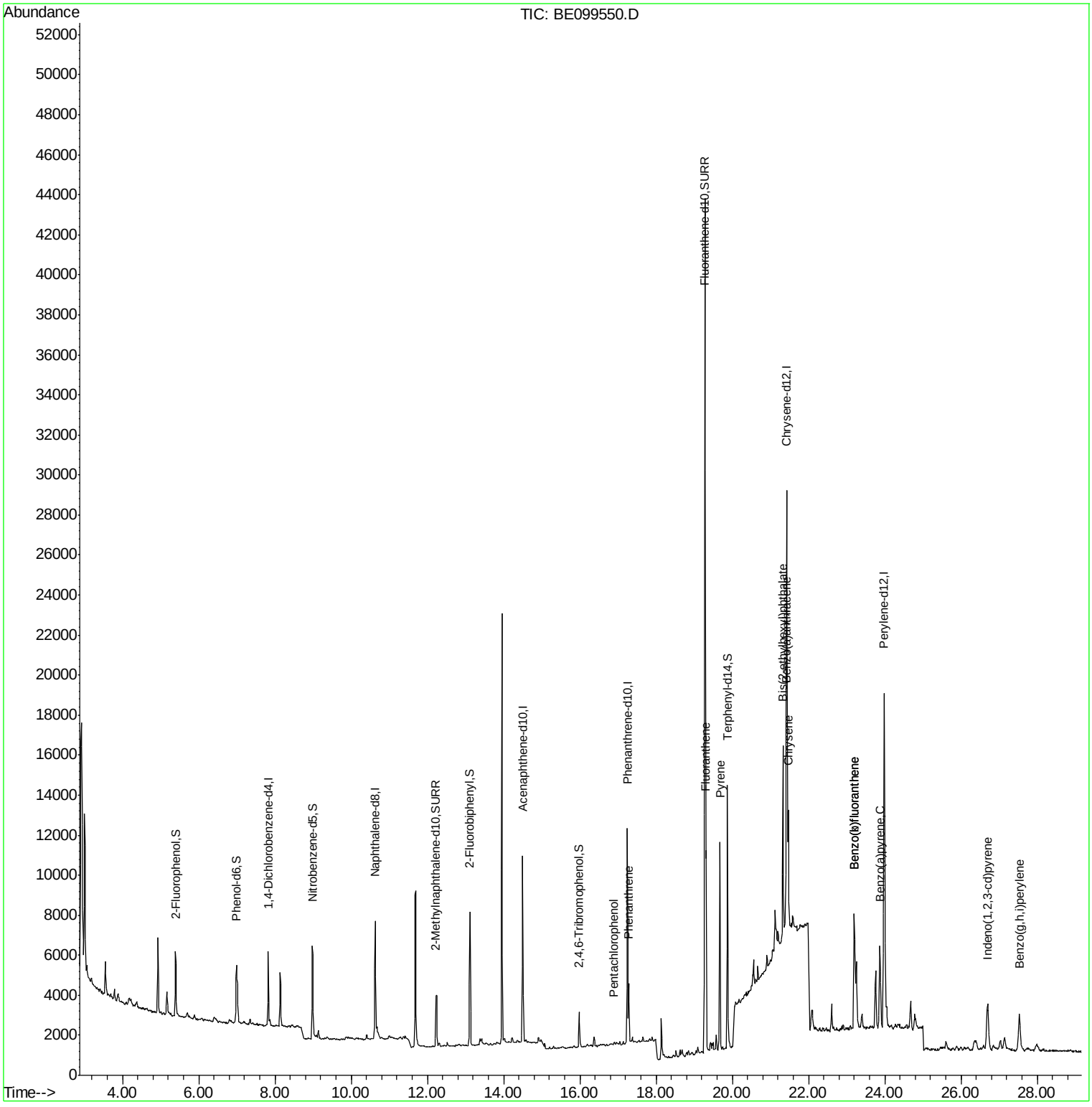
(#) = qualifier out of range (m) = manual integration (+) = signals summed

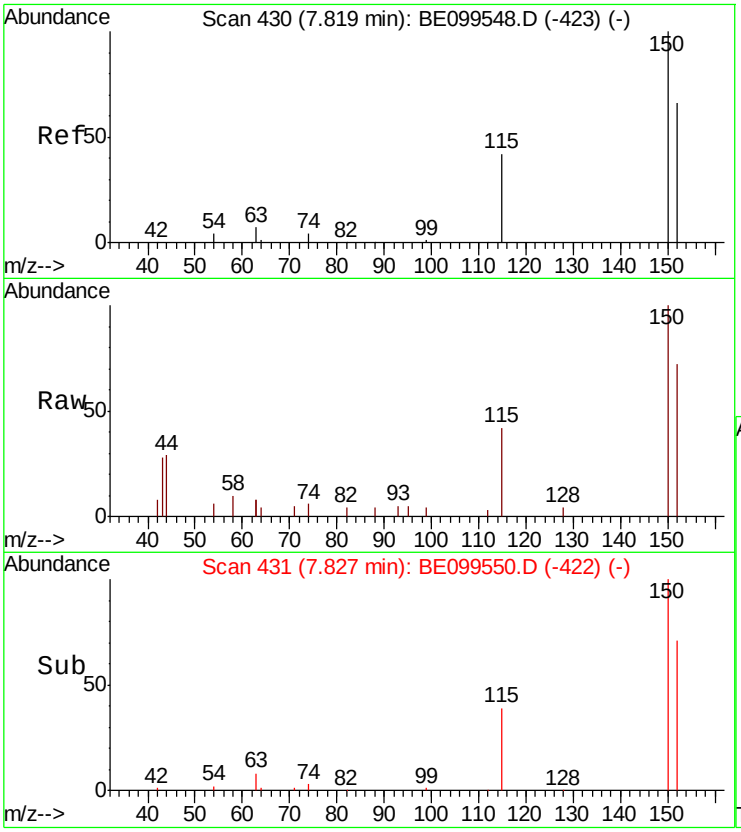
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099550.D
Acq On : 6 May 2019 13:38
Operator : JU/SJ
Sample : K2589-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Quant Time: May 07 08:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration



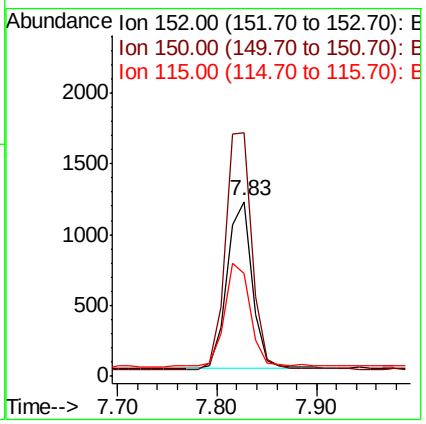


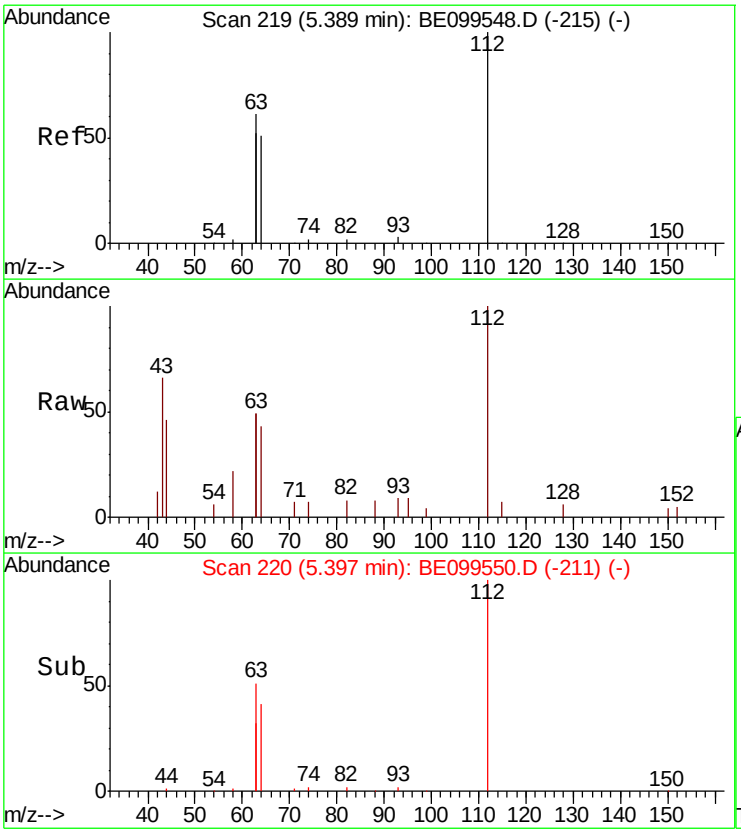
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:152 Resp: 2079

Ion	Ratio	Lower	Upper
152	100		
150	139.1	104.8	157.2
115	58.7	46.6	69.8

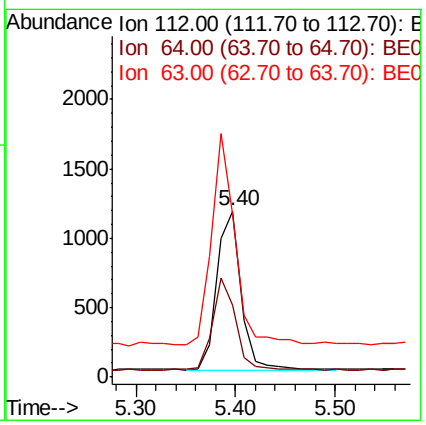


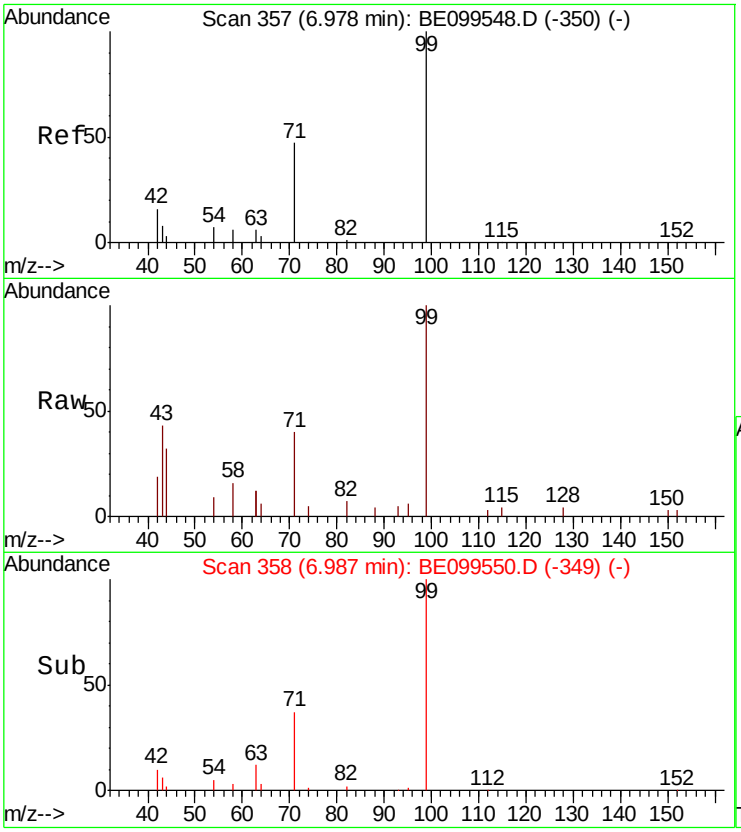


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:112 Resp: 1935

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.4	71.0
63	126.6	104.3	156.5



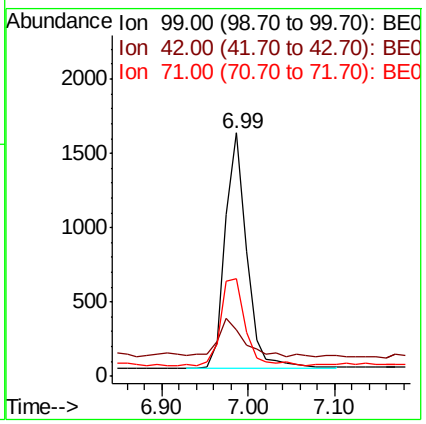


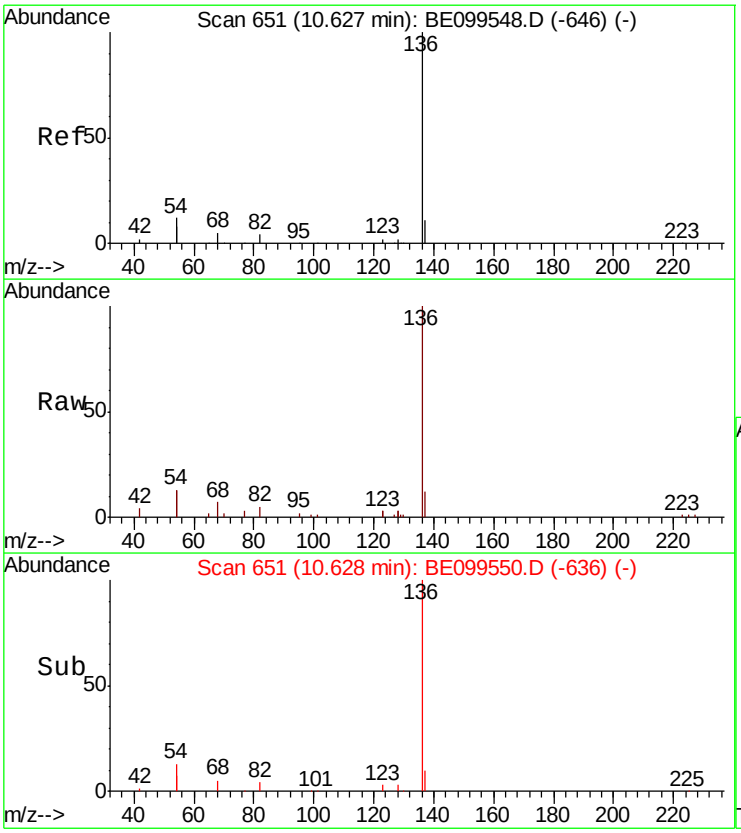
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion: 99 Resp: 2785

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	41.2	33.0	49.6

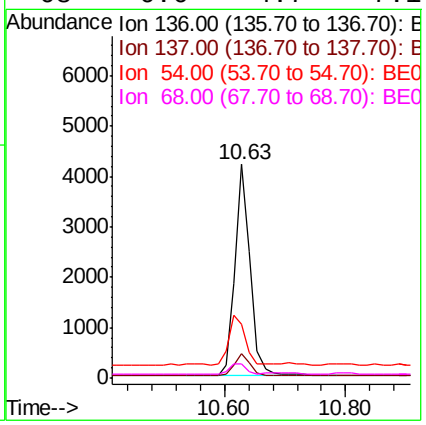


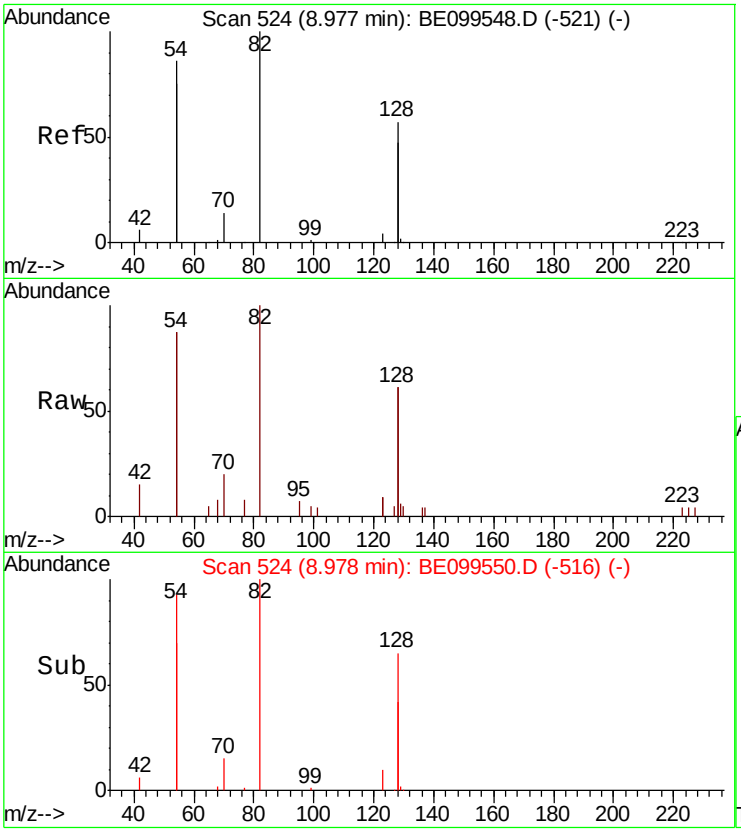


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:136 Resp: 7429

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	25.1	18.5	27.7
68	6.6	4.7	7.1



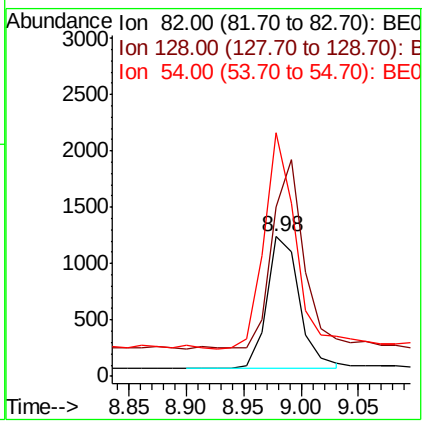


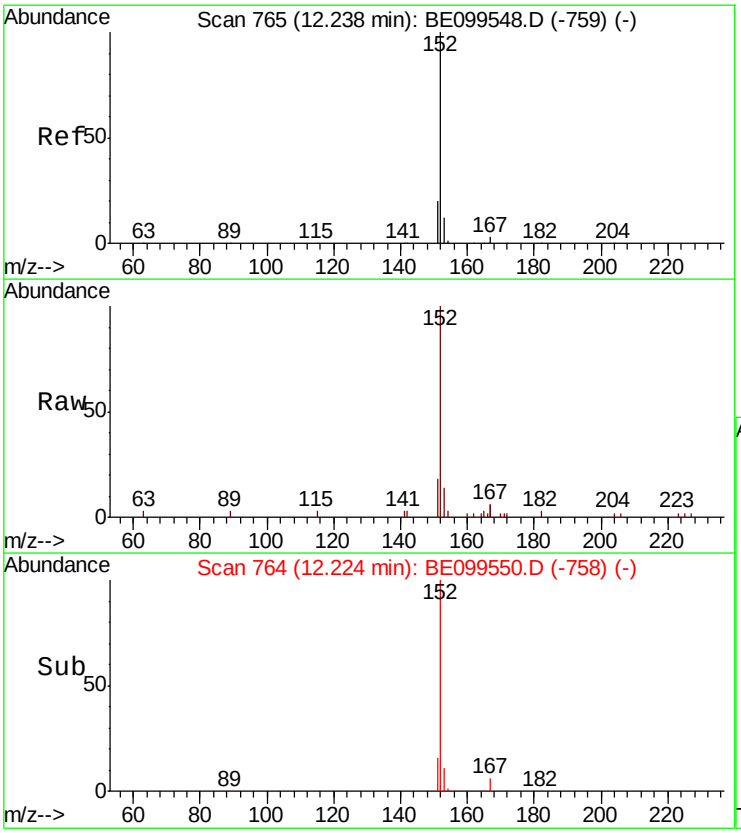
#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion: 82 Resp: 2331

Ion	Ratio	Lower	Upper
82	100		
128	121.6	107.0	160.4
54	174.5	113.1	169.7#

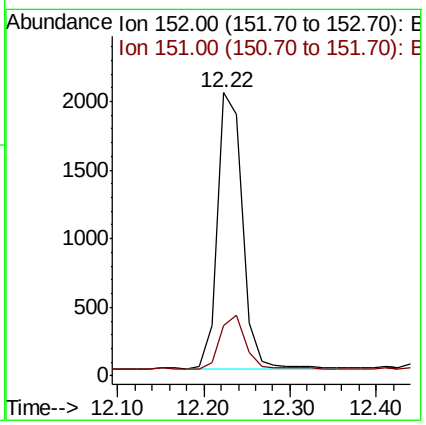


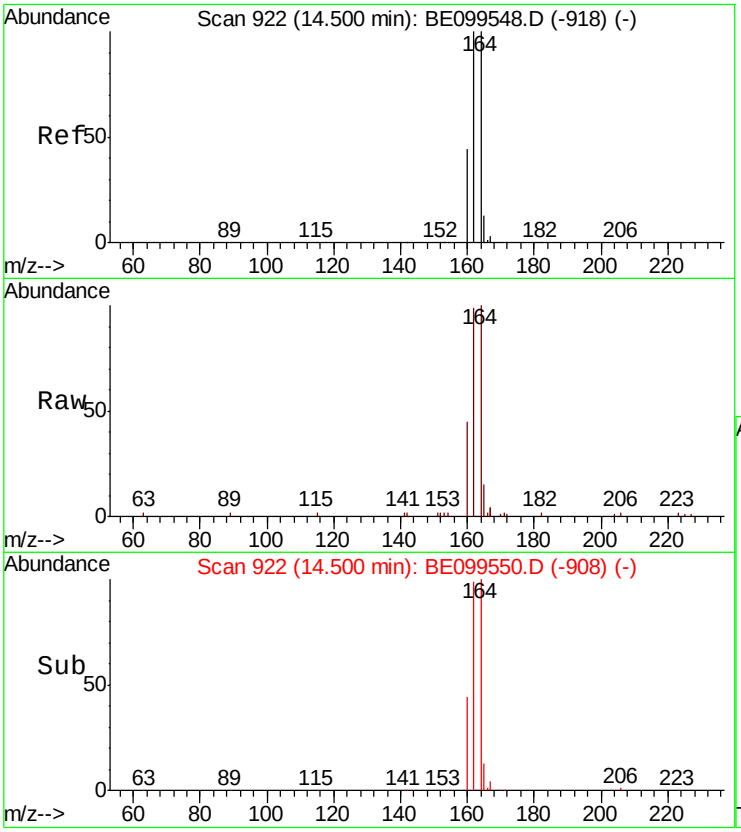


#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:152 Resp: 4052

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3



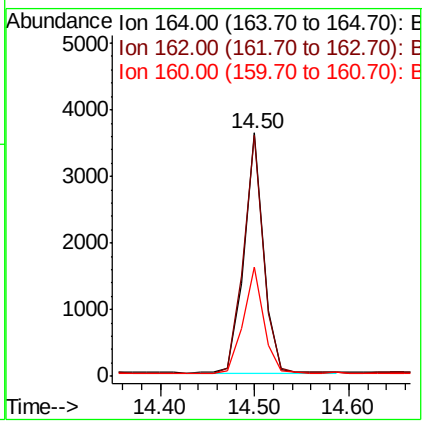


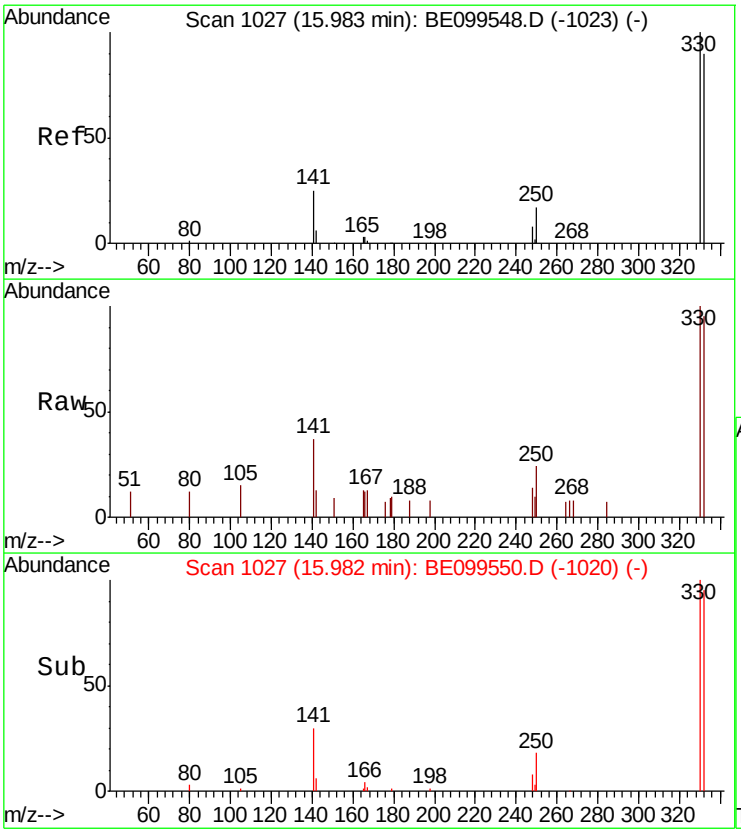
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:164 Resp: 5220

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.0	118.4
160	44.9	37.0	55.4

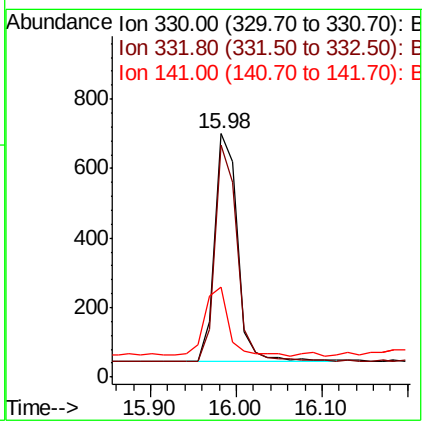


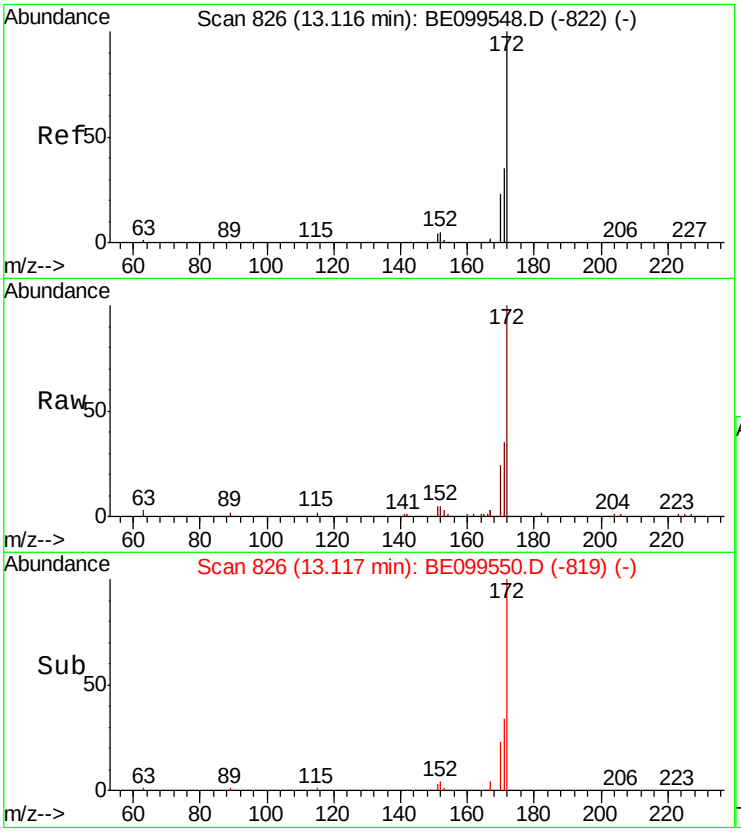


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:330 Resp: 1220

Ion	Ratio	Lower	Upper
330	100		
332	90.5	71.5	107.3
141	31.3	24.0	36.0



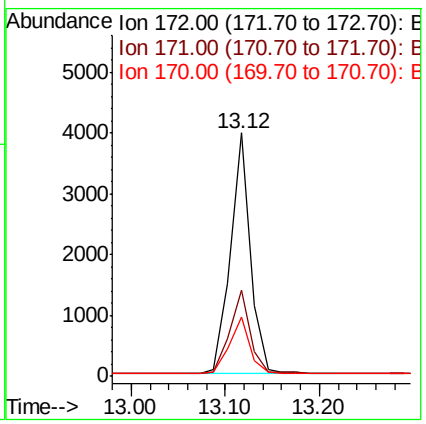


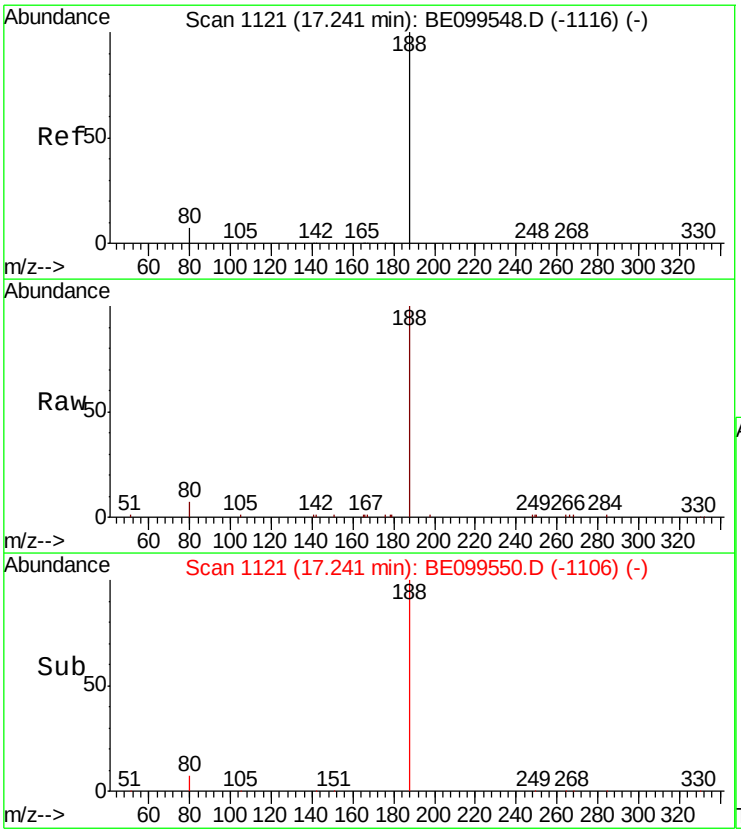
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:172 Resp: 5864

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.6	39.8
170	24.3	17.0	25.6

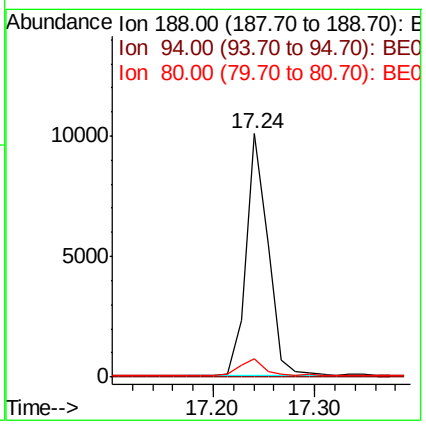


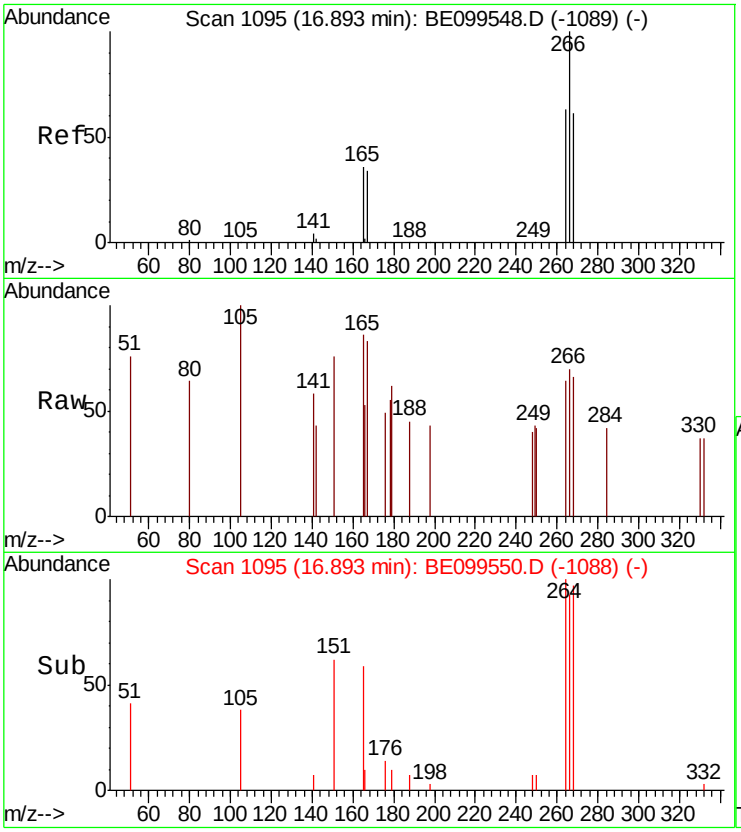


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:188 Resp: 15158

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.7	10.1



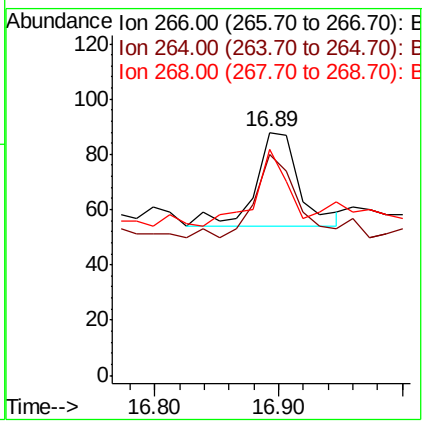


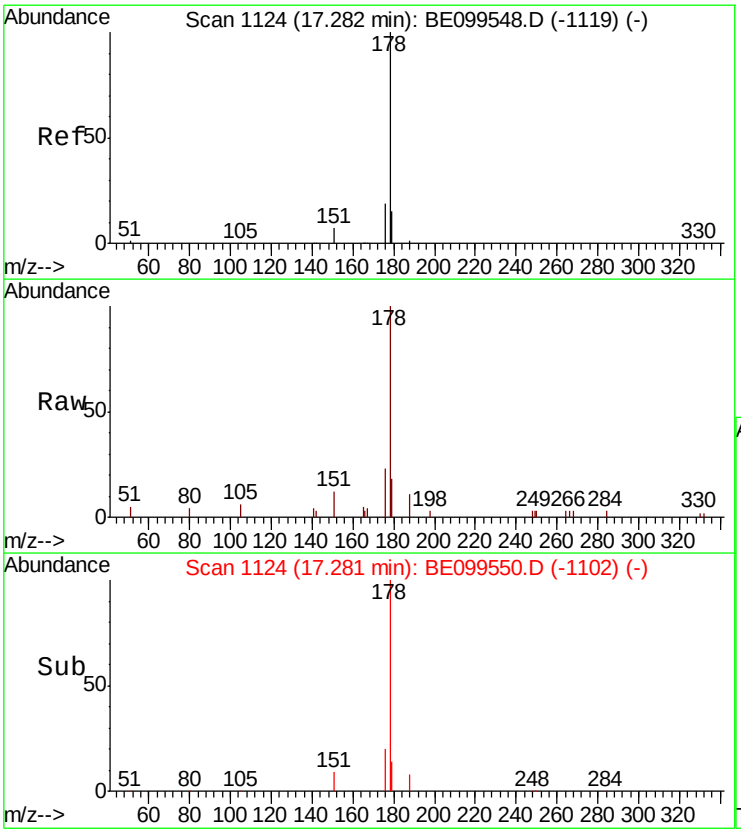
#22
Pentachlorophenol
Concen: 0.233 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	90.9	50.8	76.2#
268	93.2	50.5	75.7#

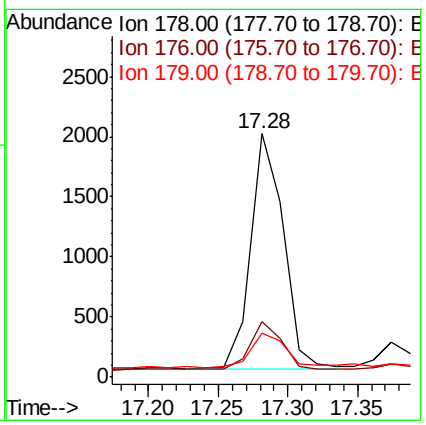


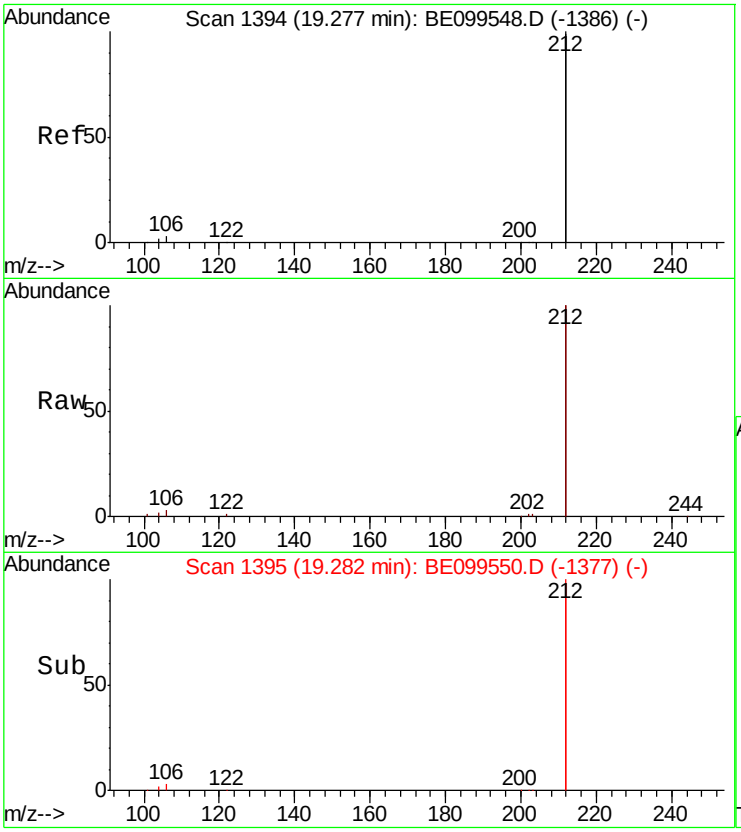


#23
Phenanthrene
Concen: 0.081 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:178 Resp: 3186

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	16.4	12.0	18.0



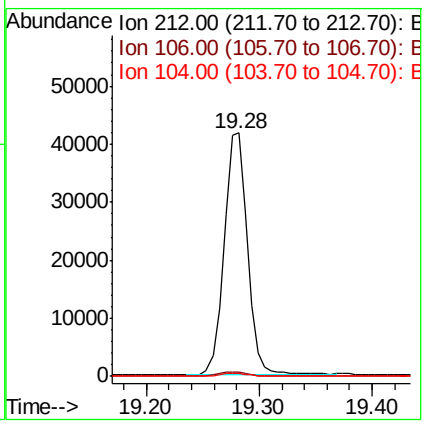


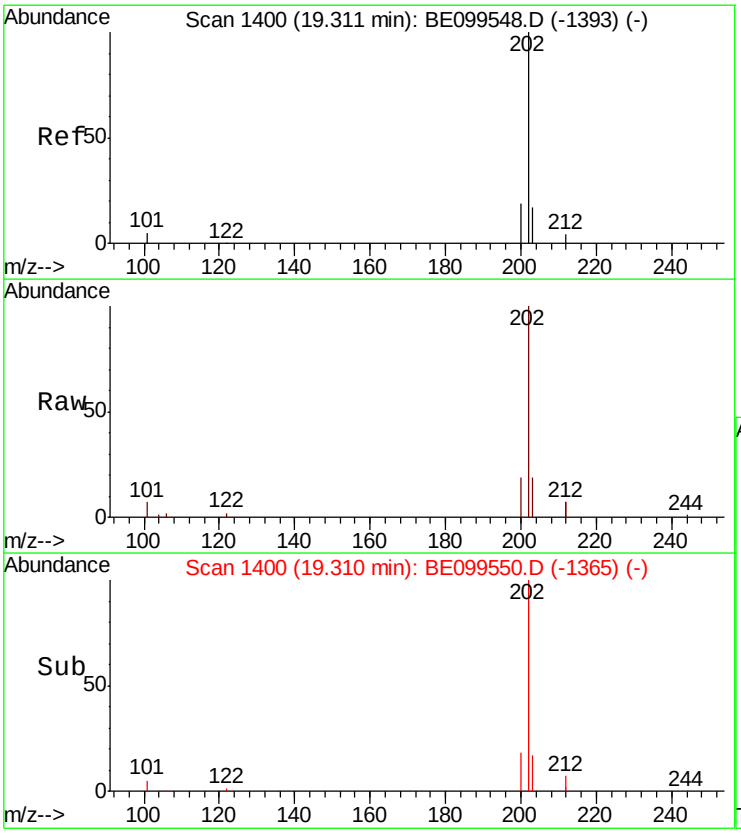
#25
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:212 Resp: 59713

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.5	2.3
104	1.1	0.9	1.3

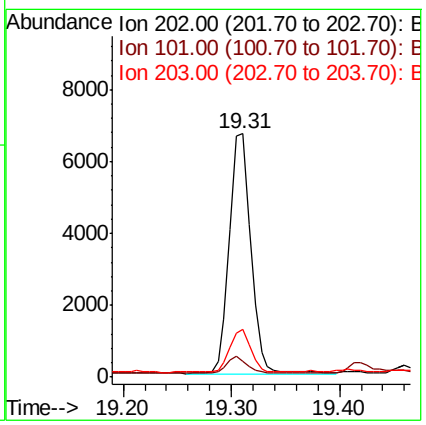


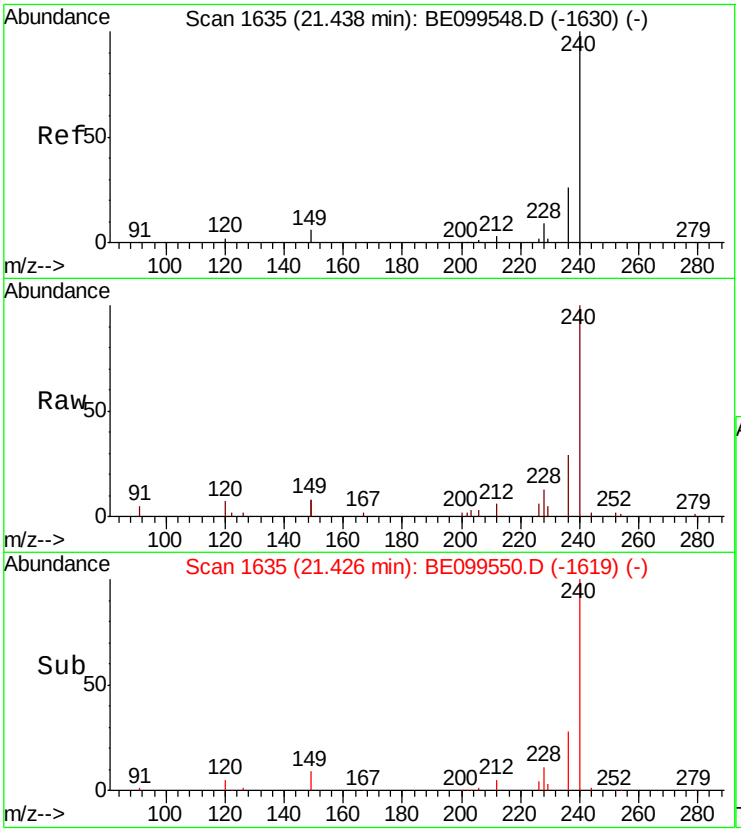


#26
Fluoranthene
Concen: 0.157 ng
RT: 19.31 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:202 Resp: 9184

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.4	8.0
203	17.1	13.9	20.9



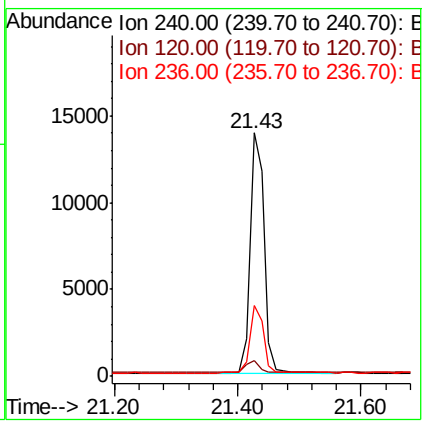


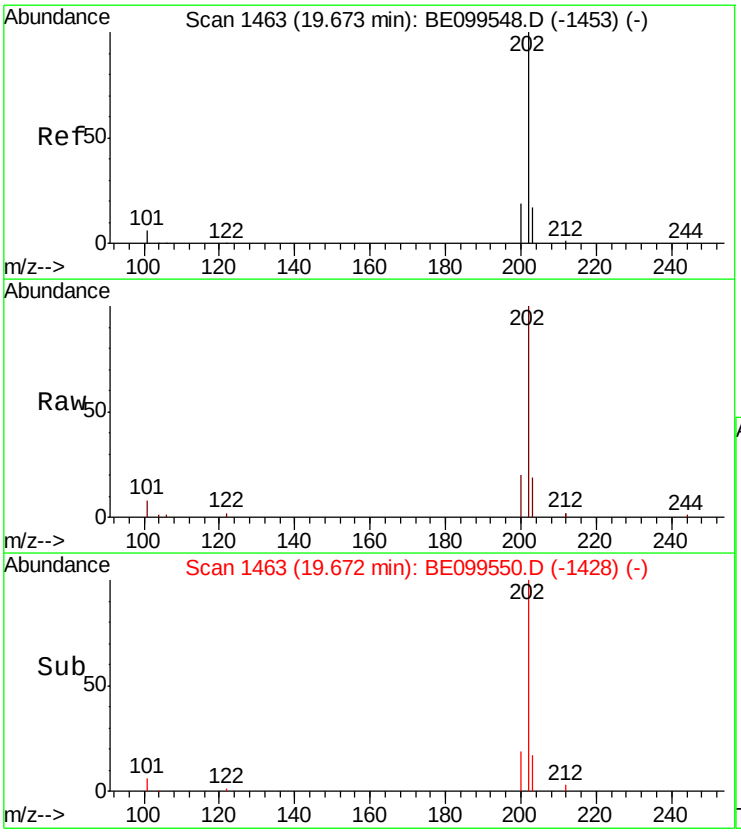
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:240 Resp: 21971

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.0	6.0#
236	28.8	22.0	33.0

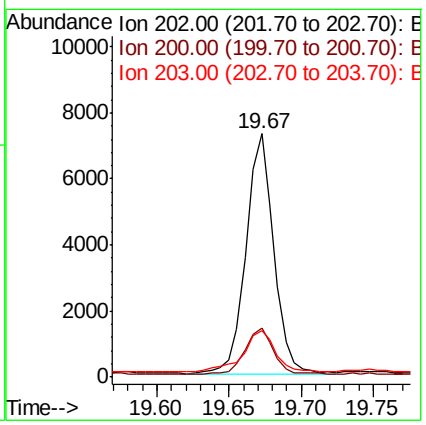


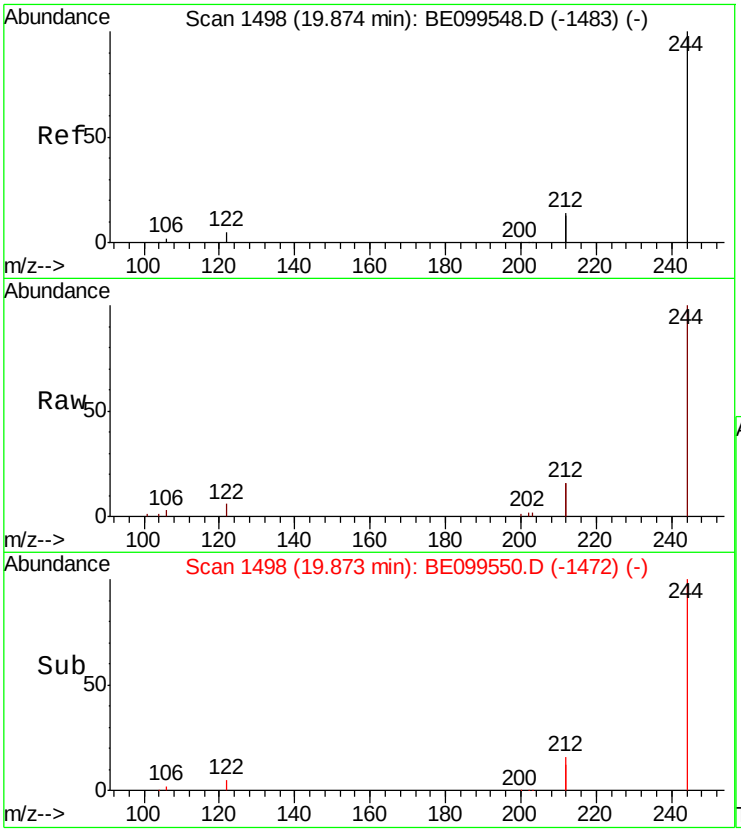


#28
Pyrene
Concen: 0.171 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:202 Resp: 9774

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	20.7	13.9	20.9



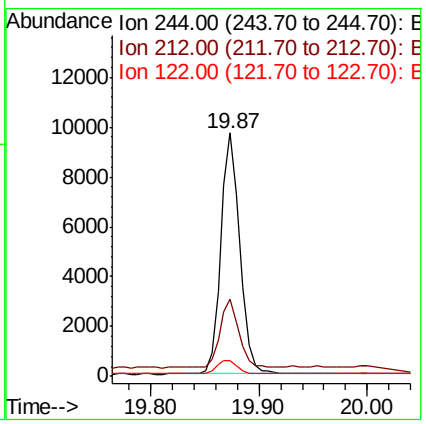


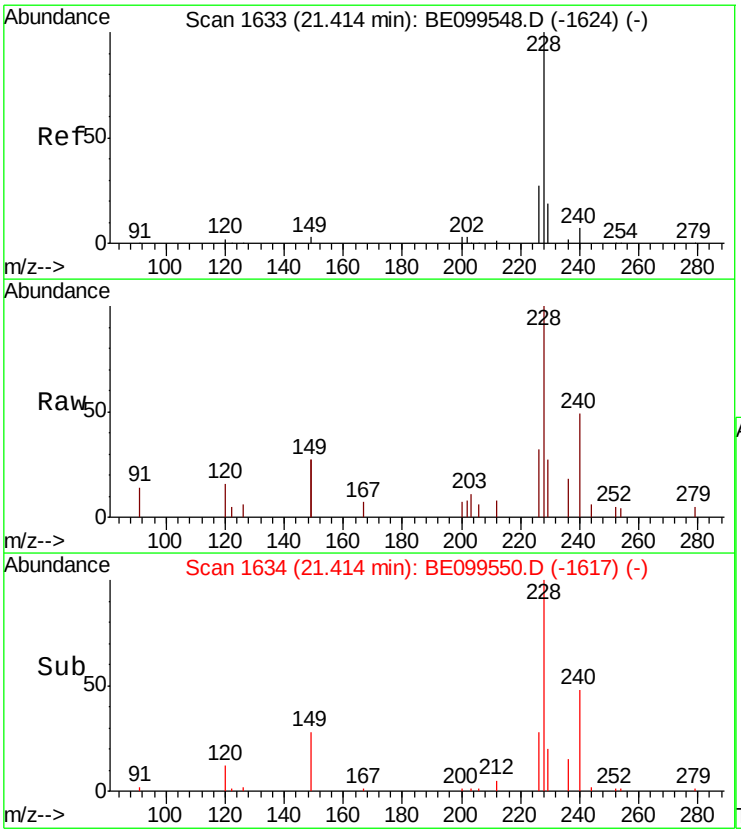
#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:244 Resp: 11828

Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.2	34.8
122	6.3	4.2	6.4

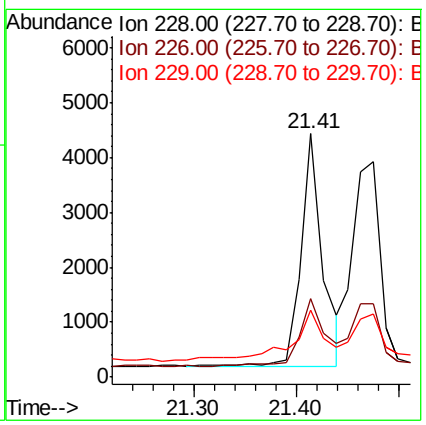


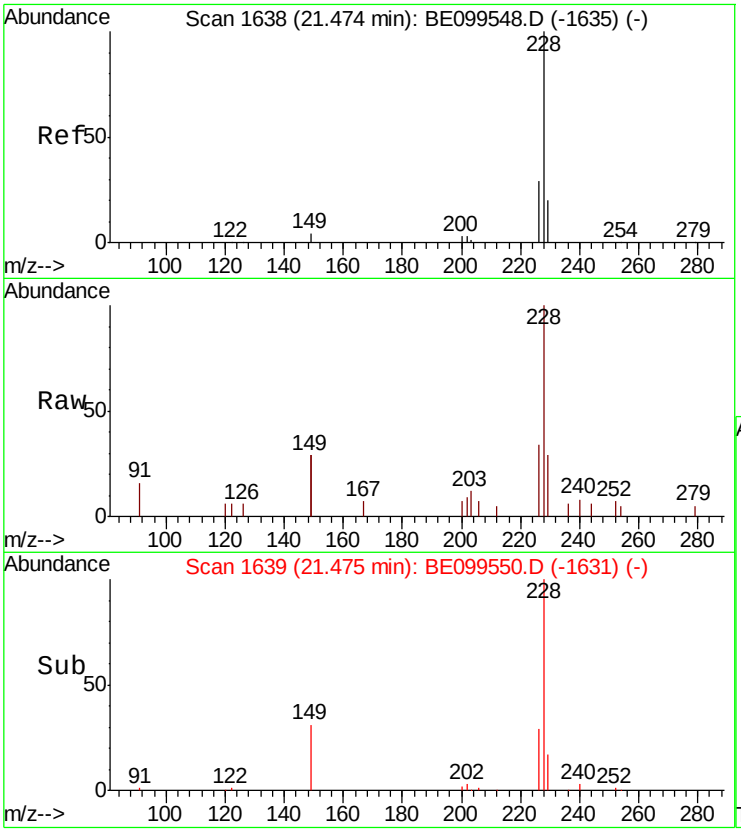


#30
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:228 Resp: 6344

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.0	31.6#
229	27.3	16.6	25.0#



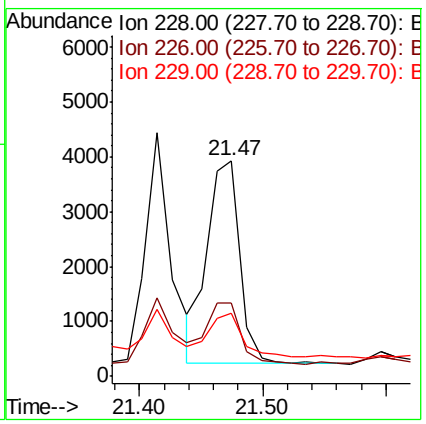


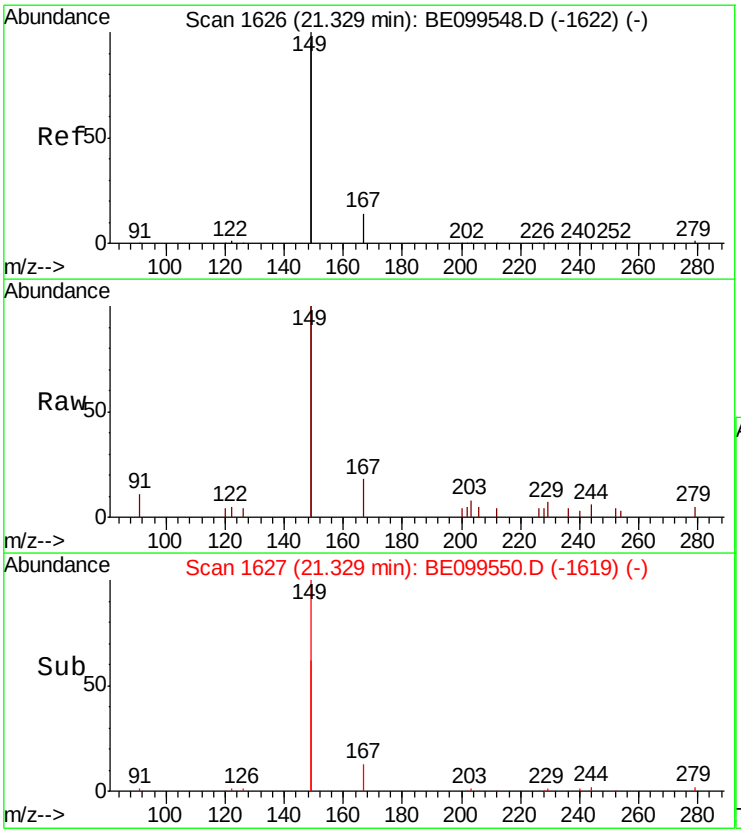
#31
Chrysene
Concen: 0.100 ng
RT: 21.47 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:228 Resp: 6818

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.0	36.0
229	29.4	15.8	23.8#

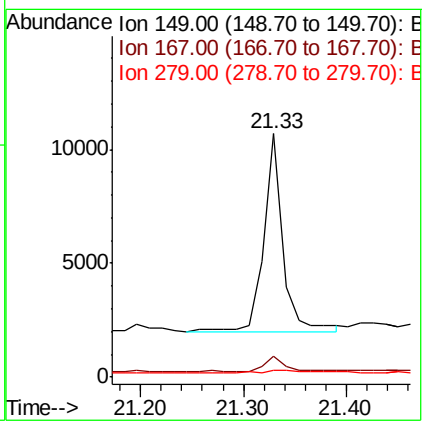


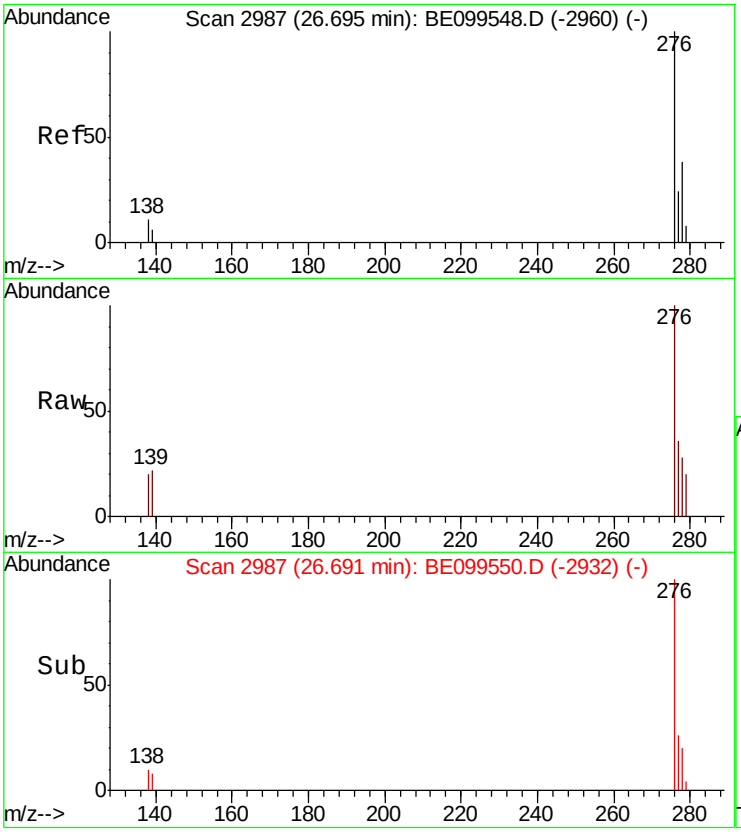


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:149 Resp: 11417

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.8	1.0	1.6#



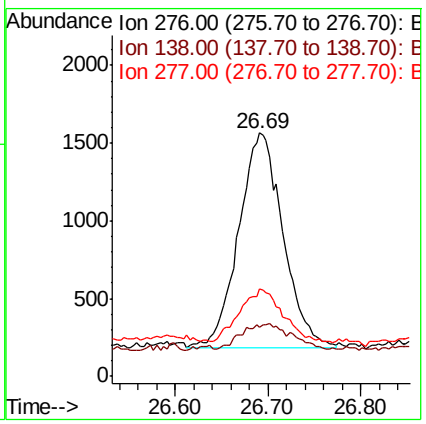


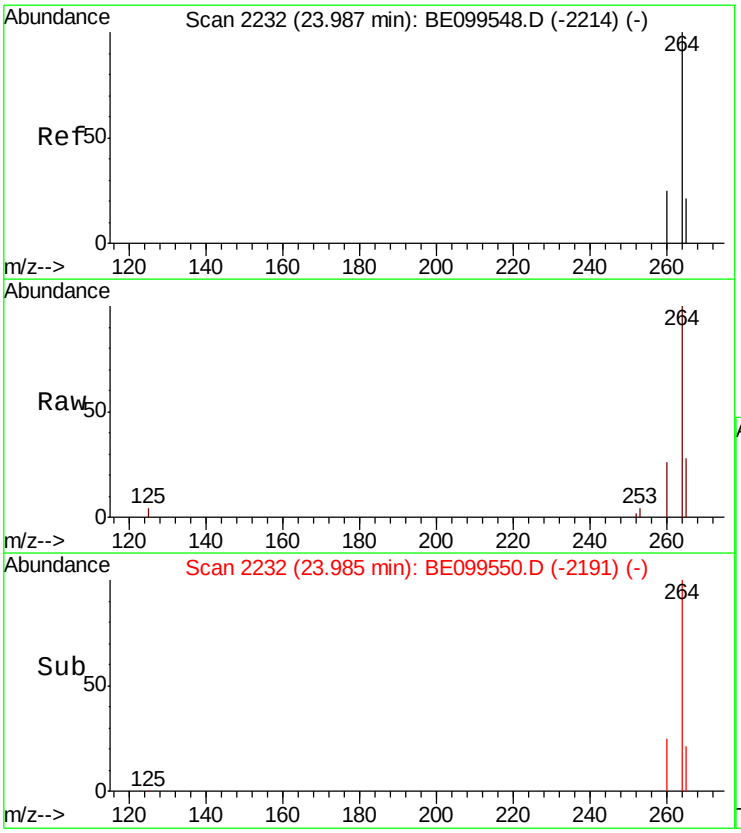
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng
RT: 26.69 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:276 Resp: 4541

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.2	15.2
277	24.4	19.2	28.8

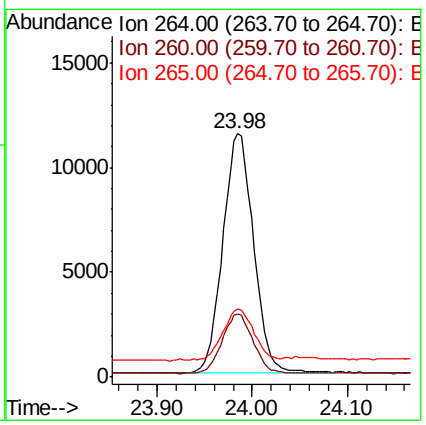


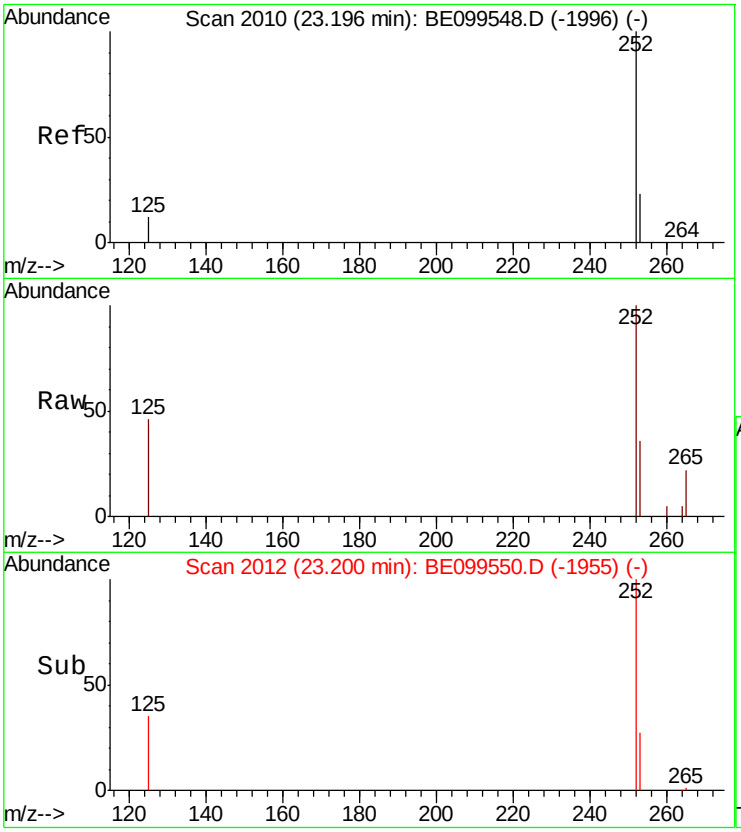


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:264 Resp: 25638

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	27.8	21.3	31.9



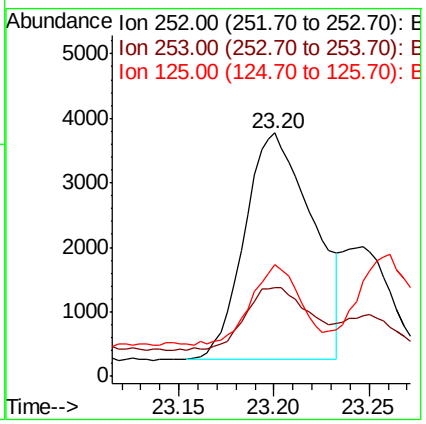


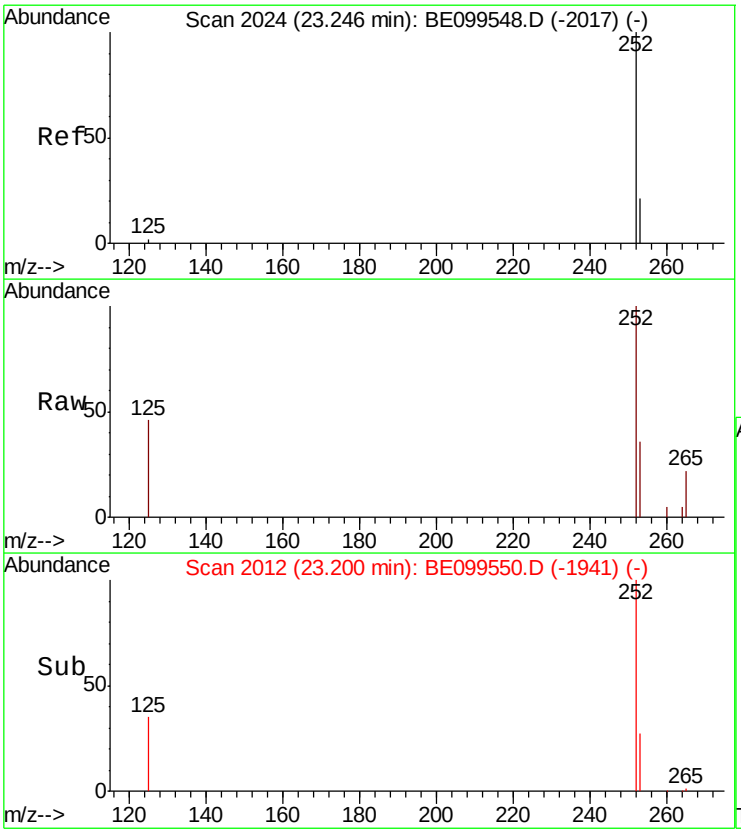
#35
Benzo(b)fluoranthene
Concen: 0.119 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:252 Resp: 8793

Ion	Ratio	Lower	Upper
252	100		
253	36.3	18.1	27.1#
125	45.7	5.6	8.4#

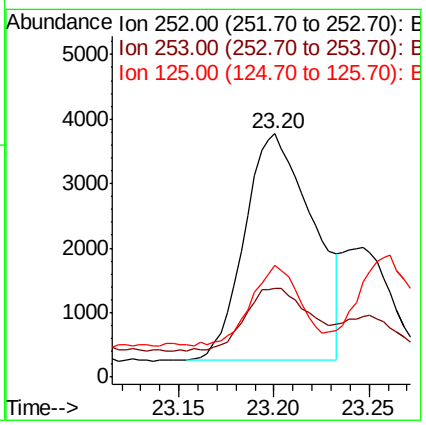


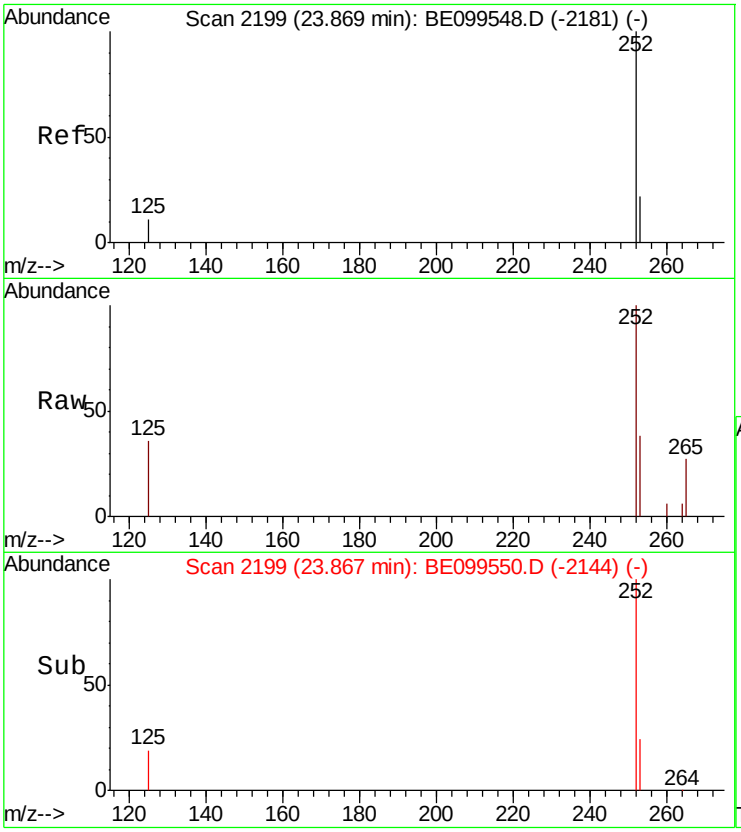


#36
Benzo(k)fluoranthene
Concen: 0.123 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.05 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:252 Resp: 8793

Ion	Ratio	Lower	Upper
252	100		
253	36.3	18.4	27.6#
125	45.7	5.0	7.4#



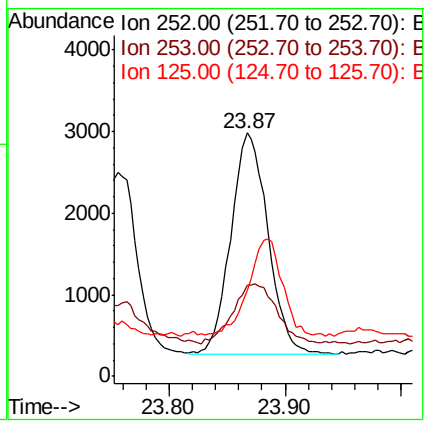


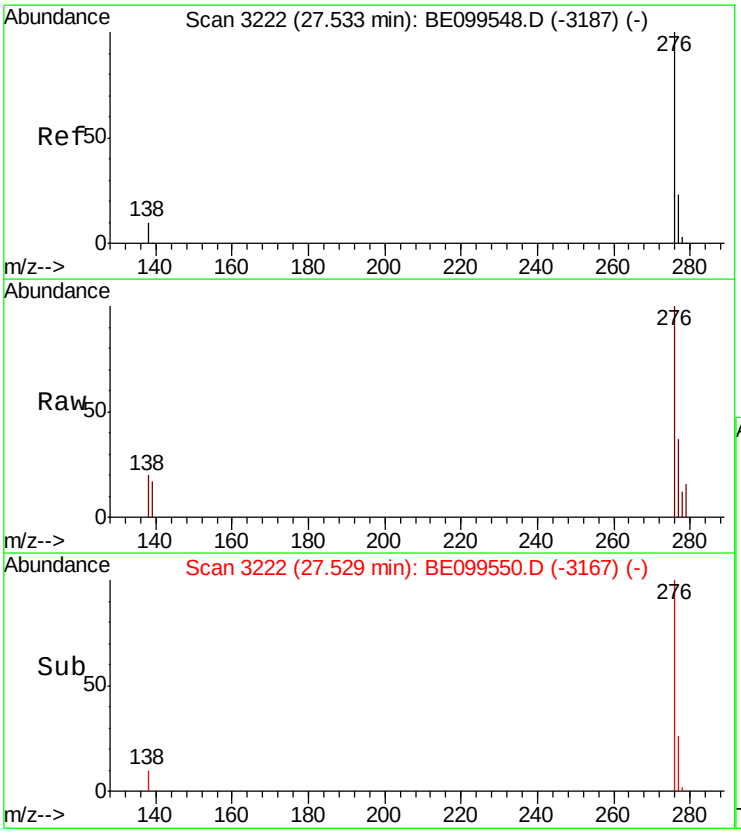
#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tgt Ion:252 Resp: 6009

Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.9	28.3#
125	35.6	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.065 ng
RT: 27.53 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion:276 Resp: 4677

Ion	Ratio	Lower	Upper
276	100		
277	37.1	19.5	29.3#
138	20.1	9.6	14.4#