Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099212.D
Acq On : 26 Mar 2019 12:24
Operator : JU/SJ
Sample : K2014-18RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 26 13:38:17 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	7.84	152	3174	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	12640	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	9174	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	28876	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	34622	0.40	ng		-0.01
34) Perylene-d12	23.89	264	34181	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3734	0.39	ng		0.00
5) Phenol-d6	6.99	99	5393	0.37	ng		0.00
8) Nitrobenzene-d5	8.99	82	4096	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8966	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1541	0.52	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13998	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	137399	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	25346	0.34	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	228	0.097	ng	#	1
22) Pentachlorophenol	16.85	266	62	0.263	ng	#	77
23) Phenanthrene	17.24	178	12115	0.143	ng		99
26) Fluoranthene	19.26	202	21414	0.198	ng		100
28) Pyrene	19.63	202	23020	0.200	ng		97
30) Benzo(a)anthracene	21.37	228	11288	0.099	ng		96
31) Chrysene	21.37	228	10722	0.088	ng		95
32) Bis(2-ethylhexyl)phthalate	21.28	149	20259	0.149	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	5933	0.051	ng	#	95
35) Benzo(b)fluoranthene	23.12	252	14135	0.126	ng	#	75
36) Benzo(k)fluoranthene	23.12	252	14135	0.119	ng	#	75
37) Benzo(a)pyrene	23.78	252	9122	0.087	ng	#	86
39) Benzo(g,h,i)perylene	27.37	276	6464	0.069	ng	#	89

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

Quantitation Report (Not Reviewed)

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PST-026-SW045-031919

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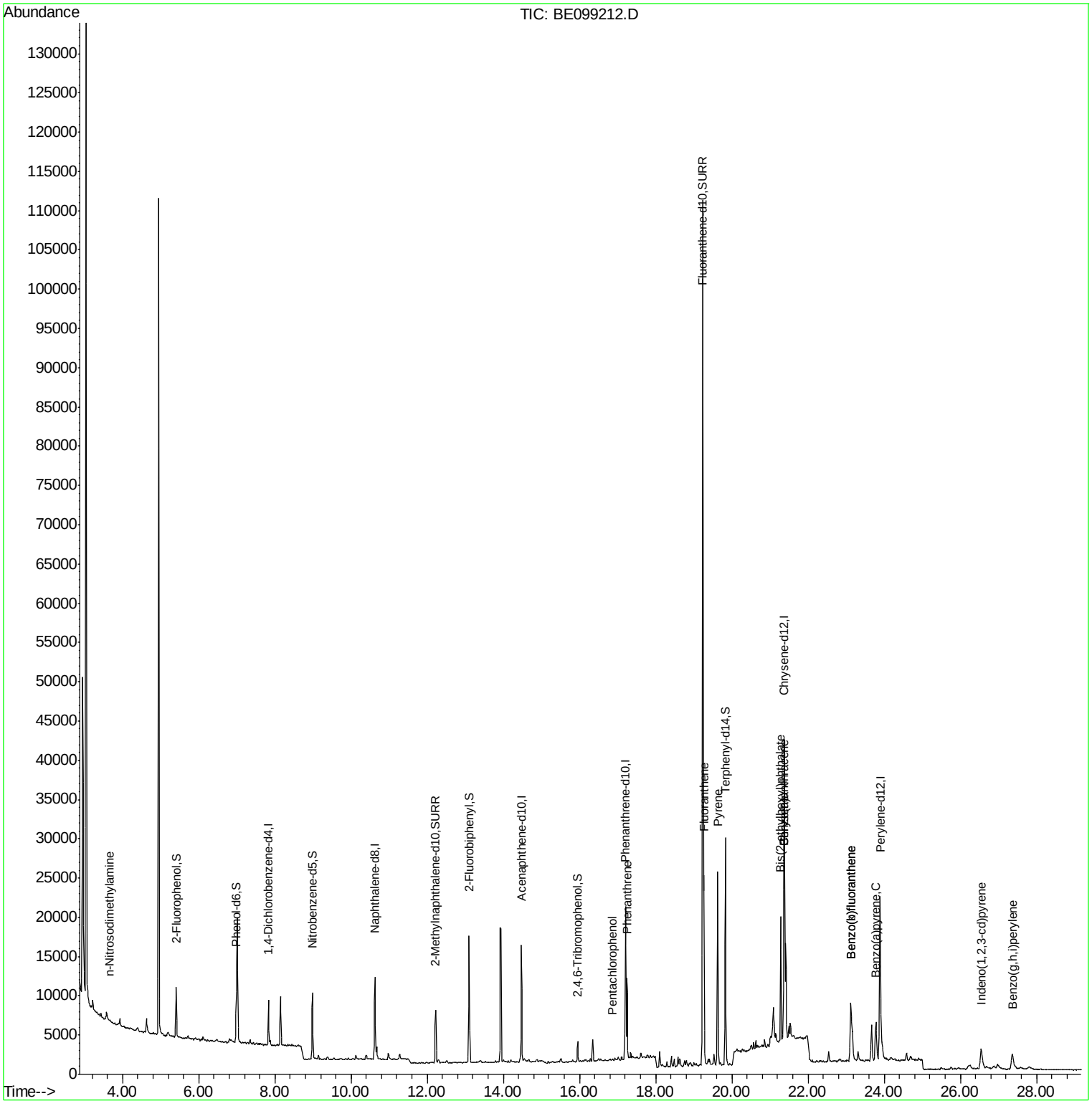
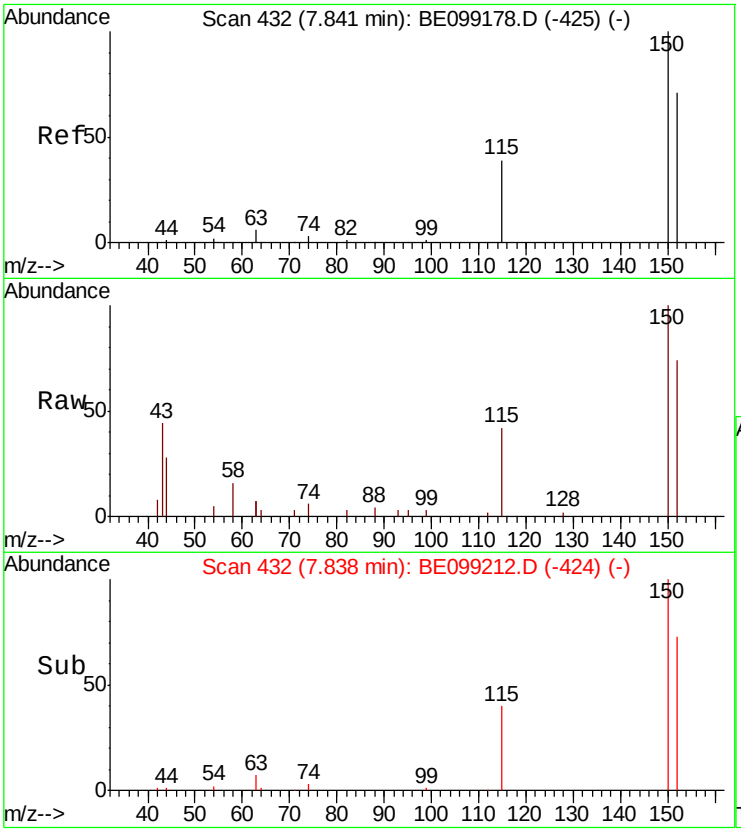
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



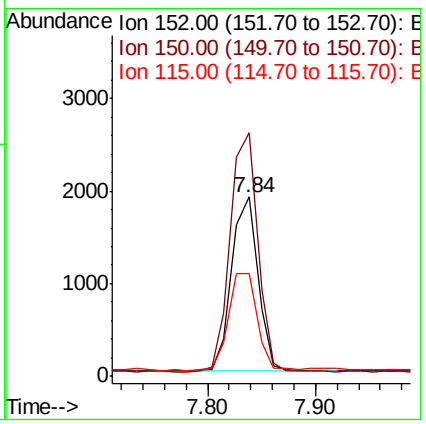


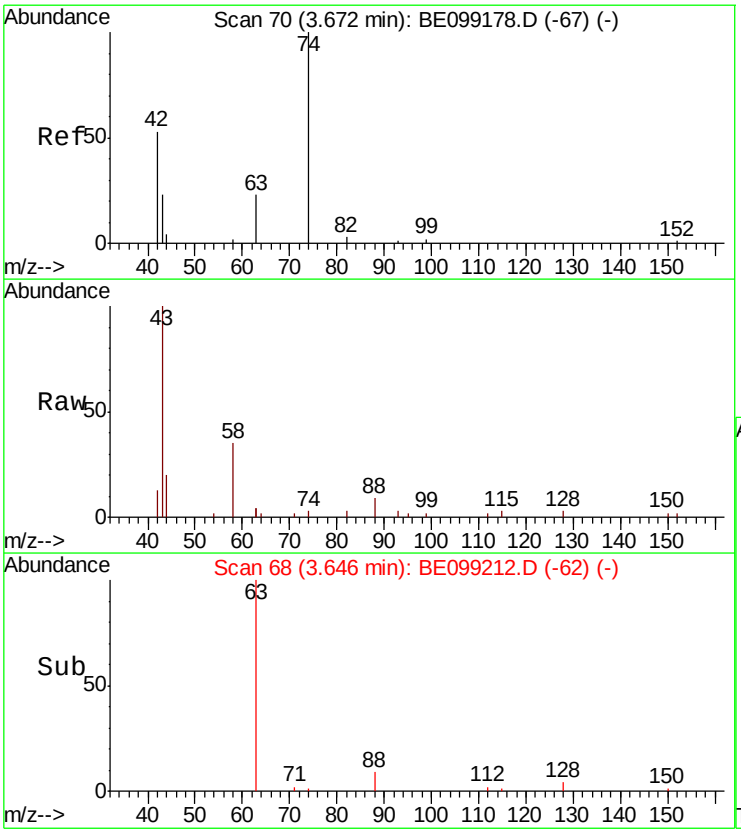
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:152 Resp: 3174

Ion	Ratio	Lower	Upper
152	100		
150	135.7	112.8	169.2
115	57.4	45.1	67.7

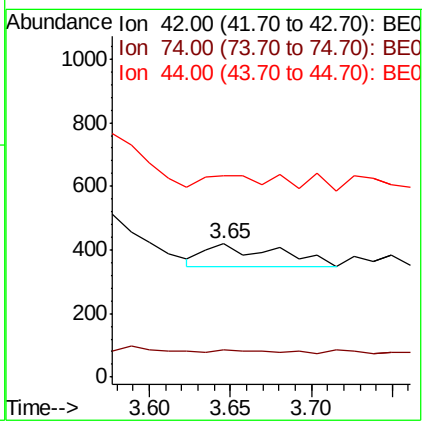


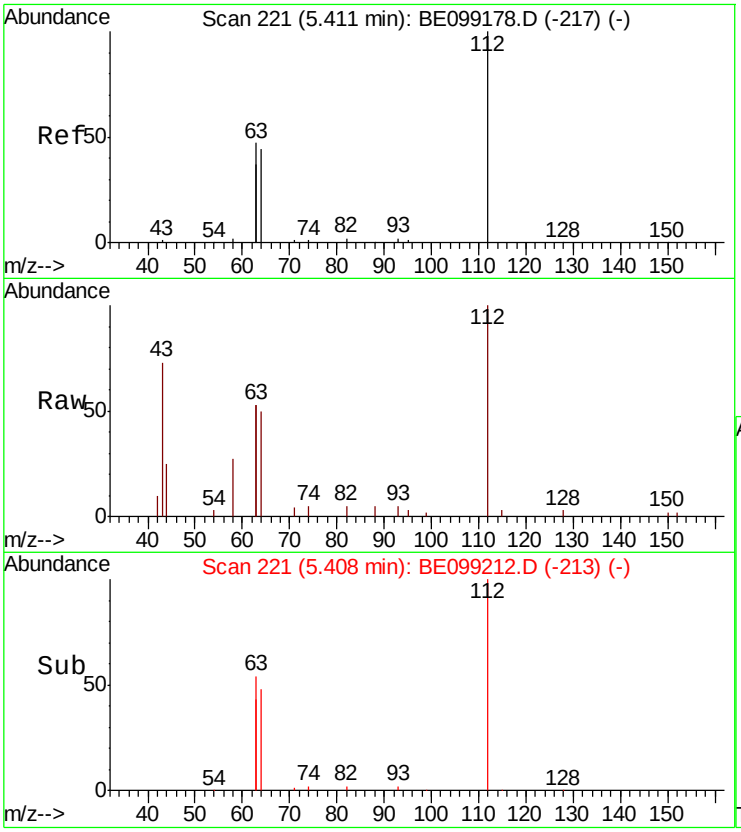


#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.03 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion: 42 Resp: 228

Ion	Ratio	Lower	Upper
42	100		
74	5.3	138.6	207.8#
44	31.6	15.0	22.6#



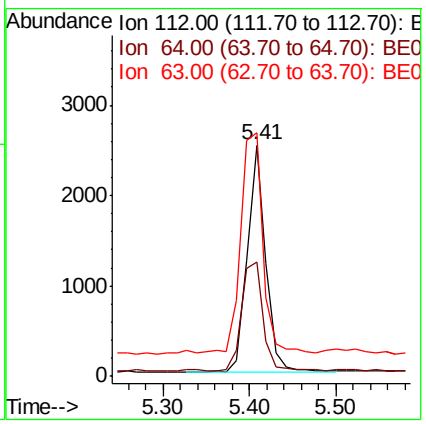


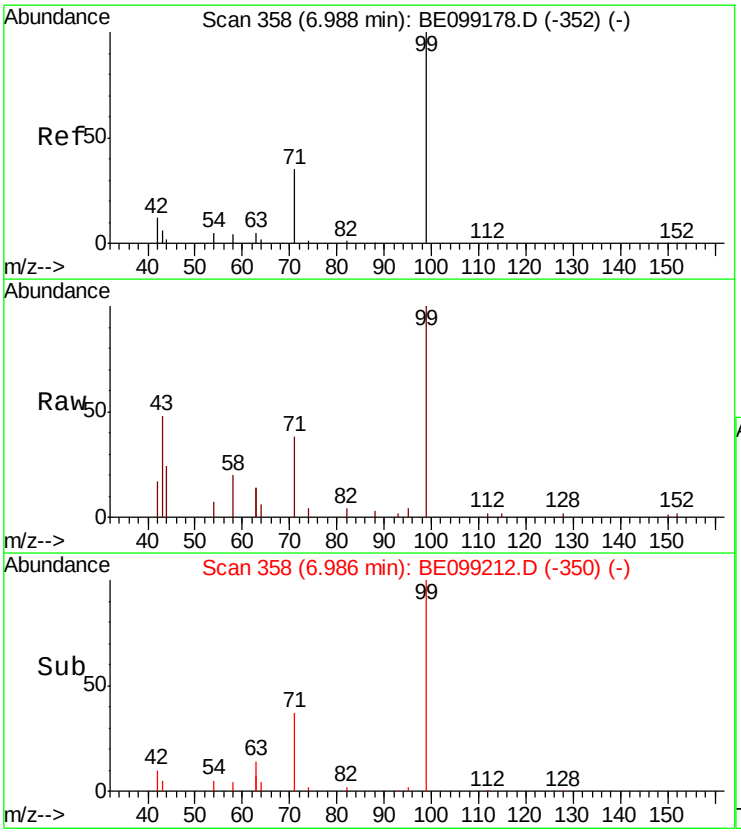
#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:112 Resp: 3734

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.2
63	115.0	89.9	134.9

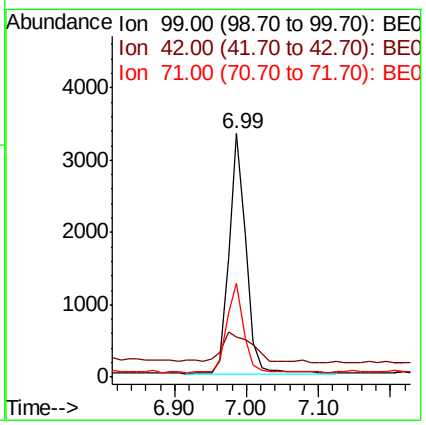


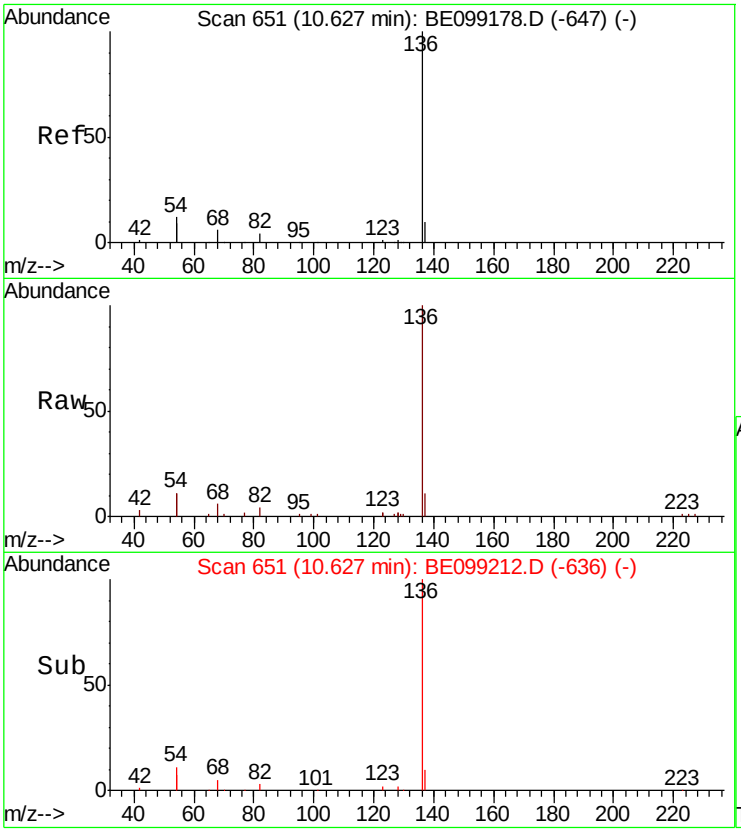


#5
Phenol-d6
Concen: 0.372 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion: 99 Resp: 5393

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.4	18.6#
71	37.6	28.4	42.6



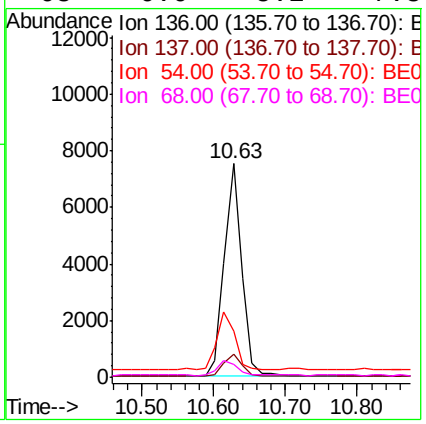


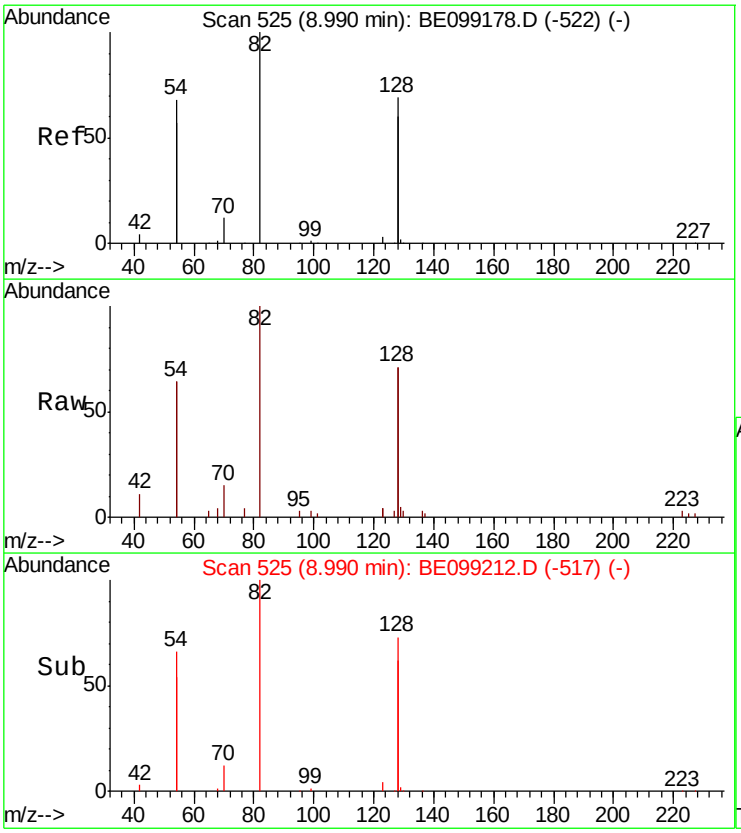
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:136 Resp: 12640

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	21.4	18.7	28.1
68	6.0	5.2	7.8

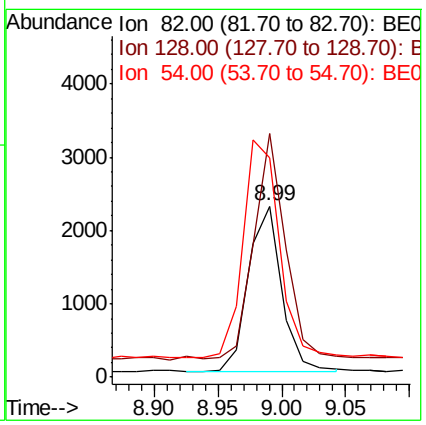


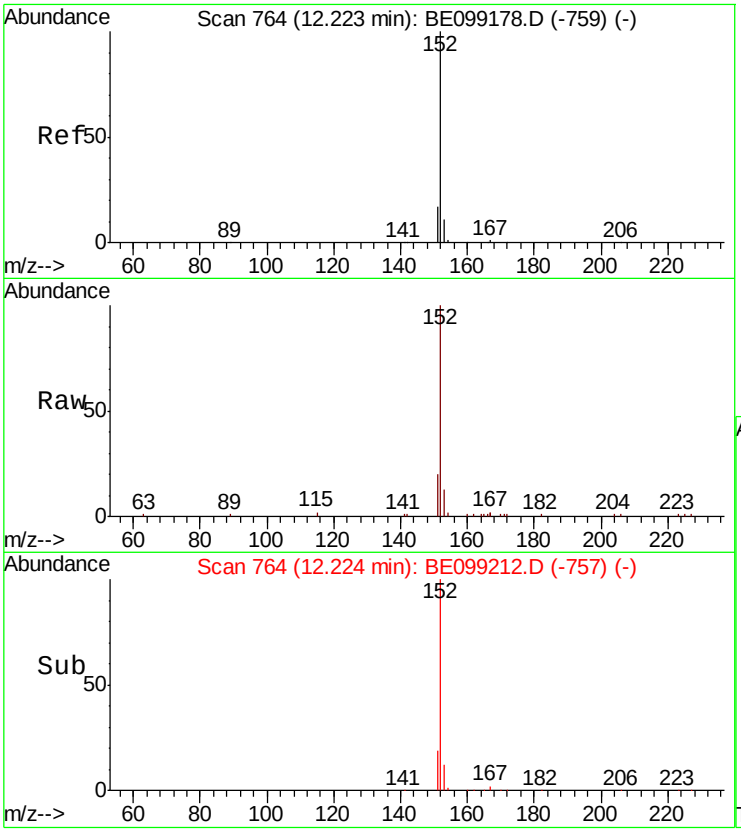


#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion: 82 Resp: 4096

Ion	Ratio	Lower	Upper
82	100		
128	142.4	107.5	161.3
54	128.4	106.3	159.5



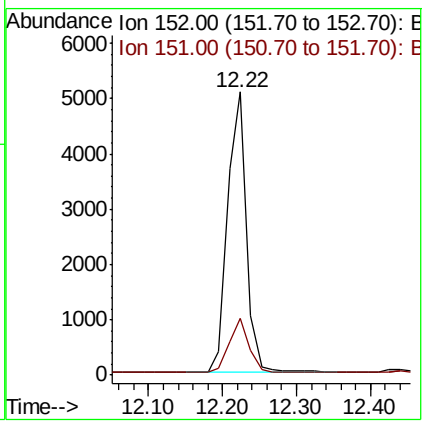


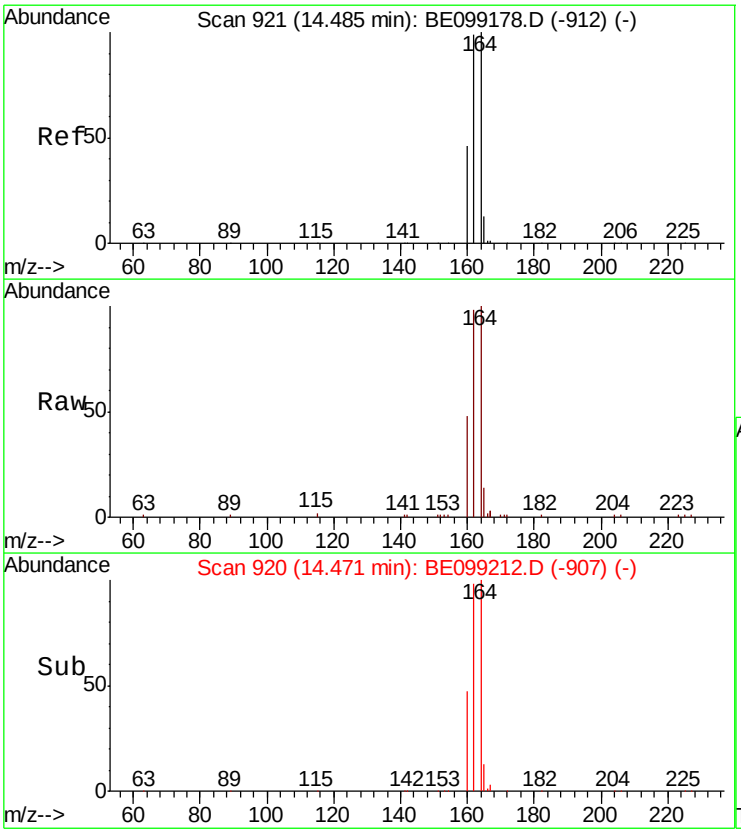
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:152 Resp: 8966

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.0	22.6

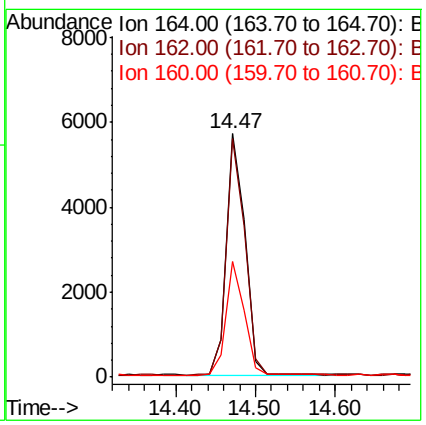


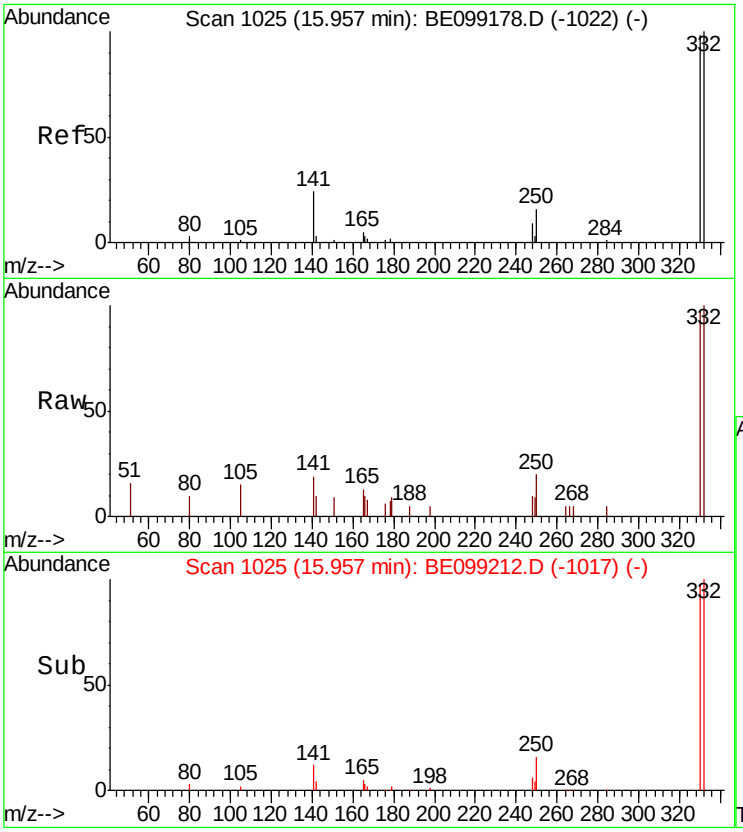


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:164 Resp: 9174

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.2	118.8
160	47.6	36.7	55.1



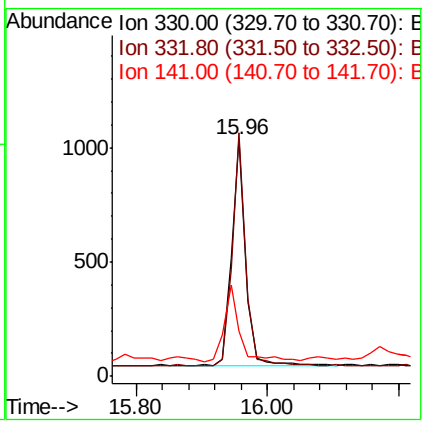


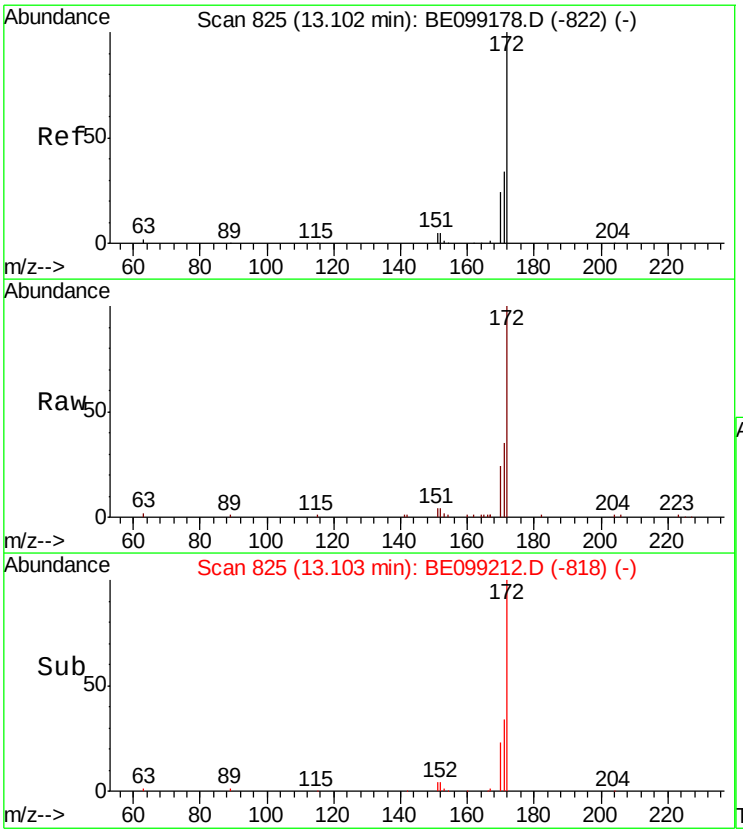
#14
2,4,6-Tribromophenol
Concen: 0.523 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:330 Resp: 1541

Ion	Ratio	Lower	Upper
330	100		
332	96.3	71.3	106.9
141	37.1	21.7	32.5#

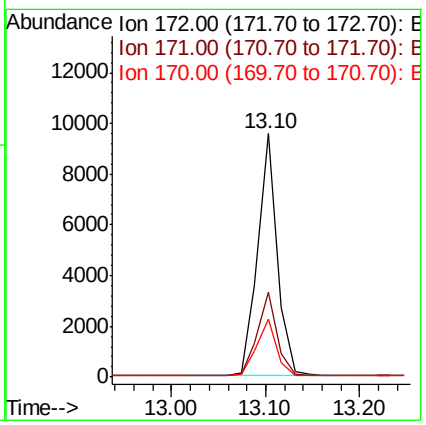


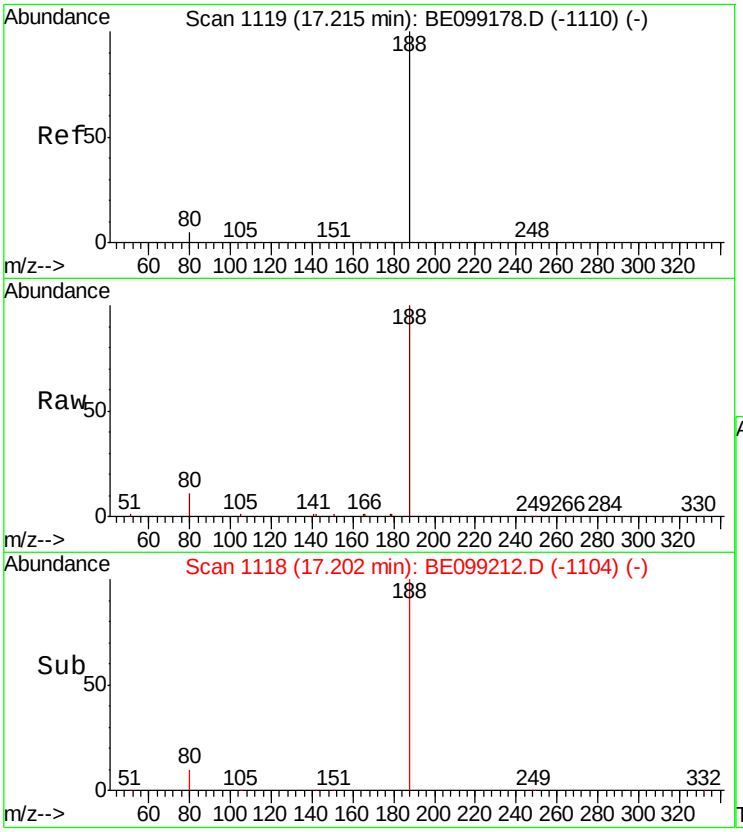


#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:172 Resp: 13998

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.9	19.1	28.7



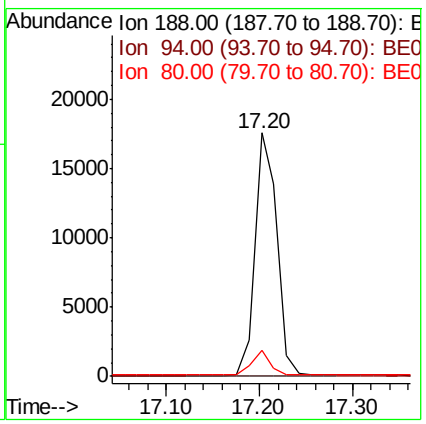


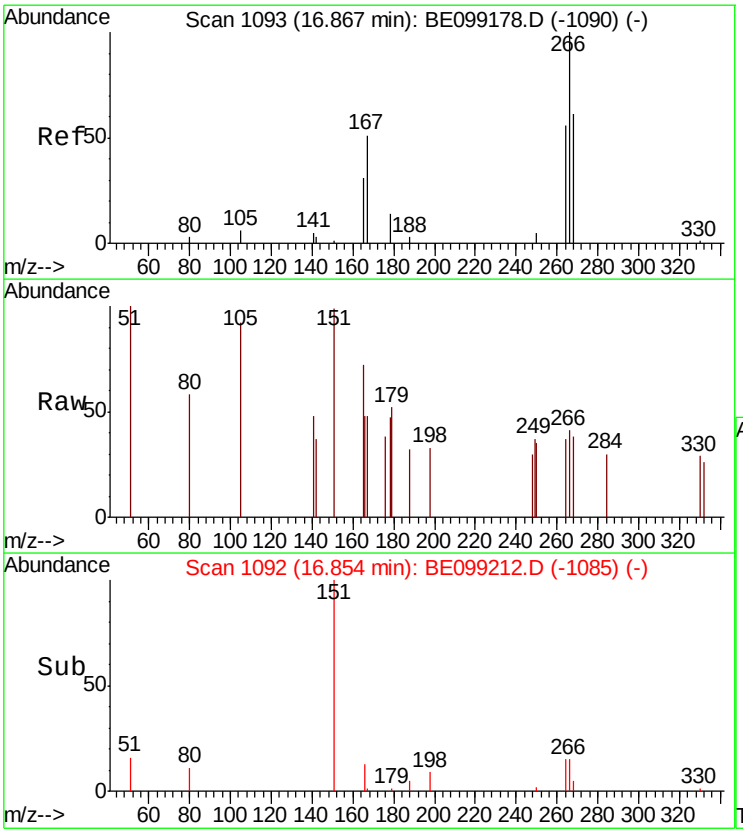
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:188 Resp: 28876

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	4.5	6.7#

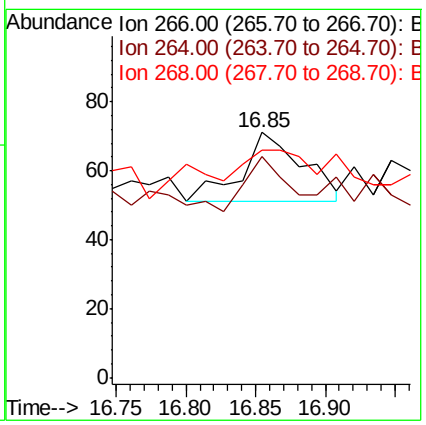


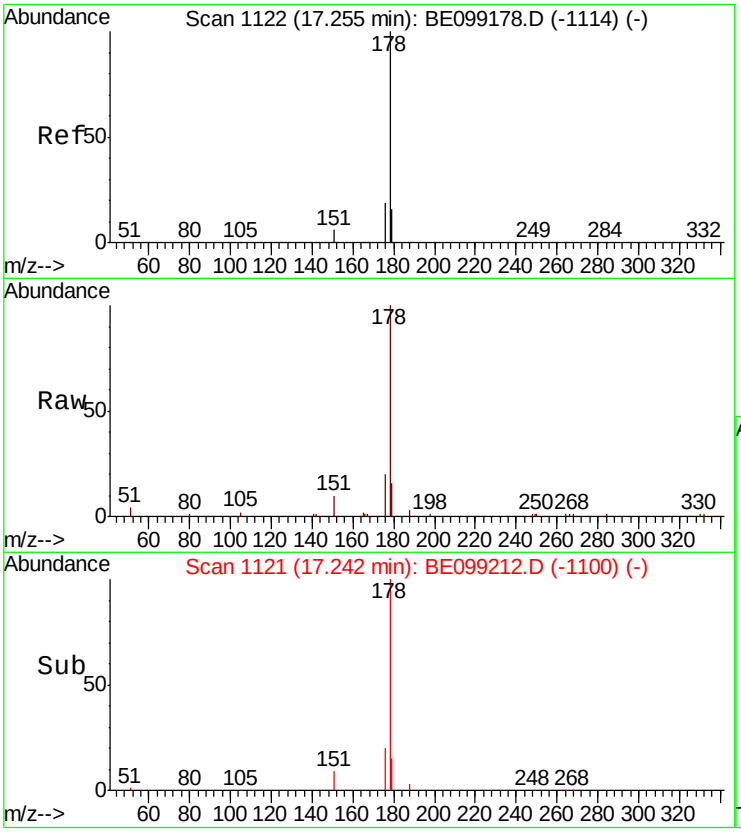


#22
Pentachlorophenol
Concen: 0.263 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
264	90.1	54.4	81.6#
268	93.0	61.3	91.9#



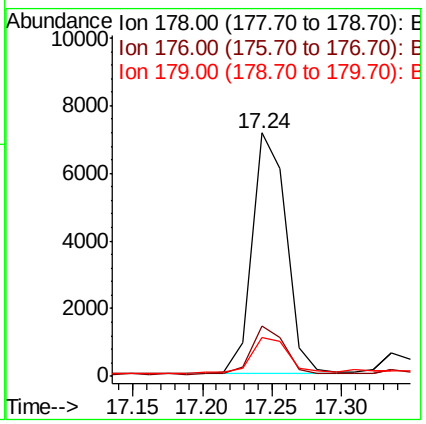


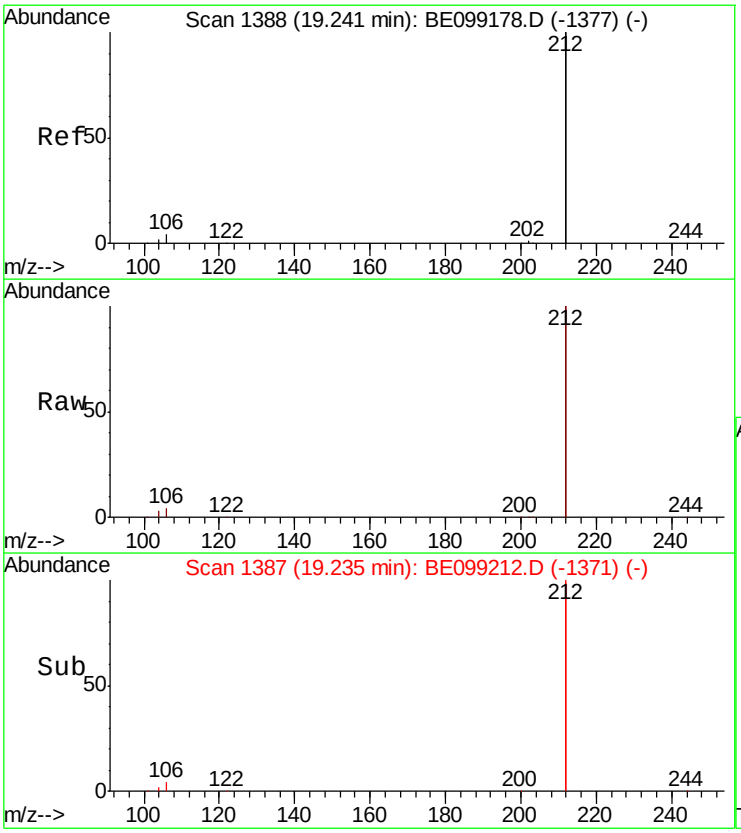
#23
Phenanthrene
Concen: 0.143 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:178 Resp: 12115

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.3	18.5

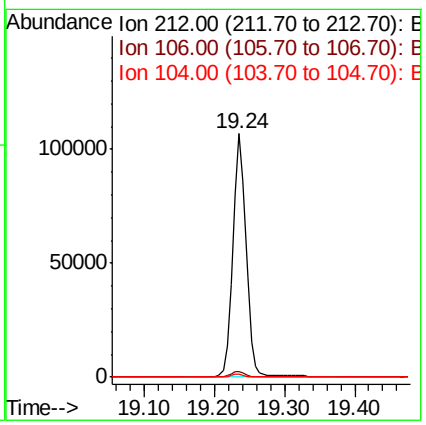


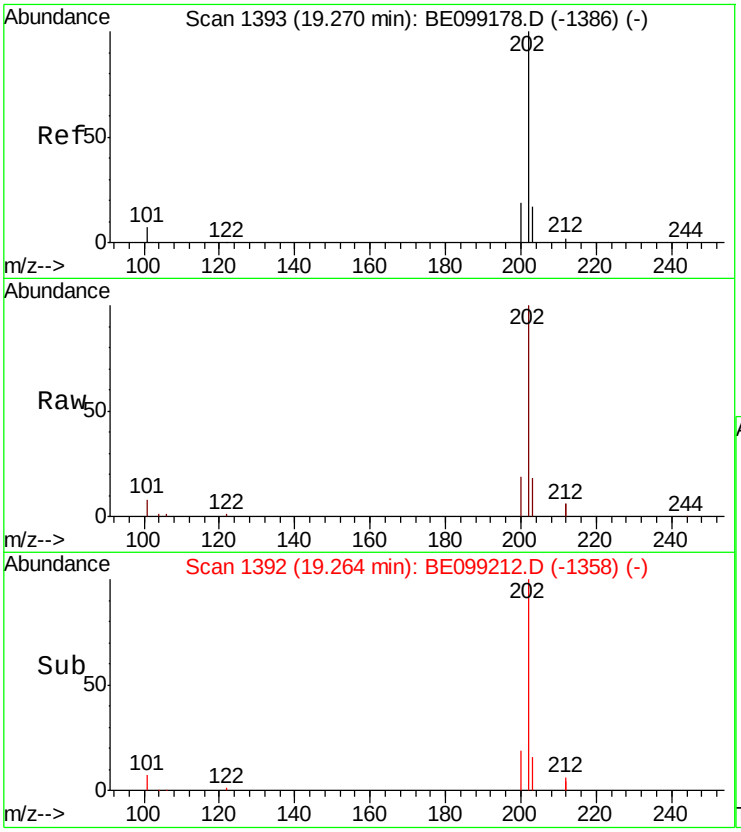


#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:212 Resp: 137399

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7



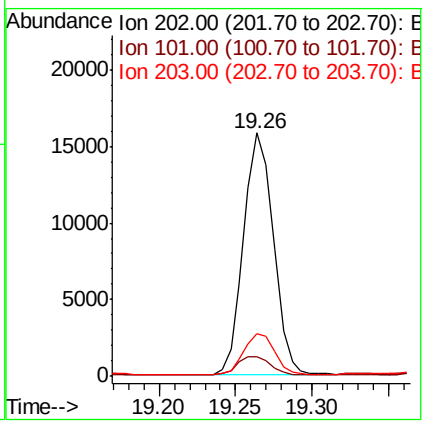


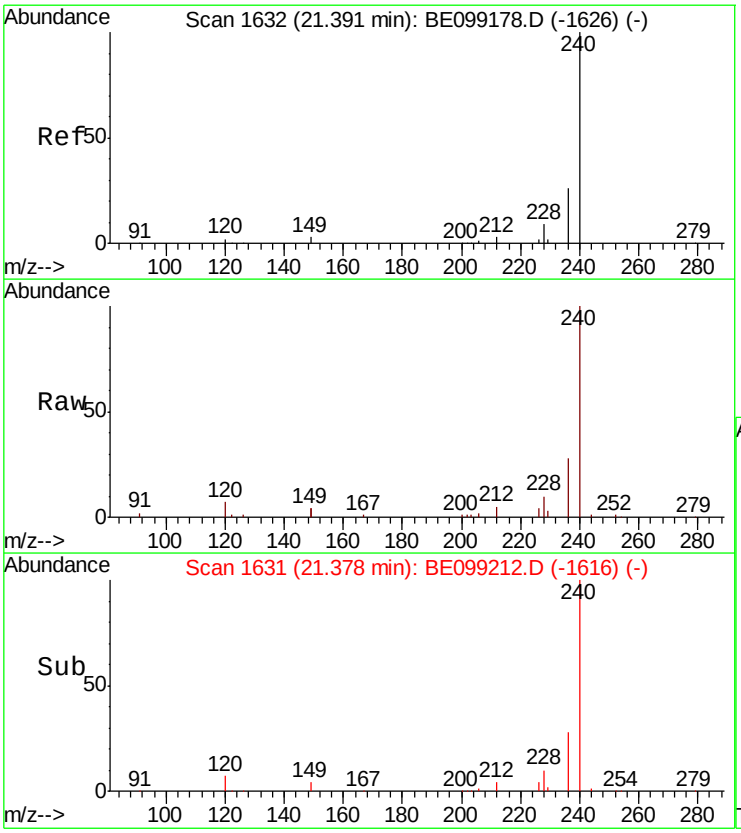
#26
Fluoranthene
Concen: 0.198 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:202 Resp: 21414

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	17.1	13.8	20.6

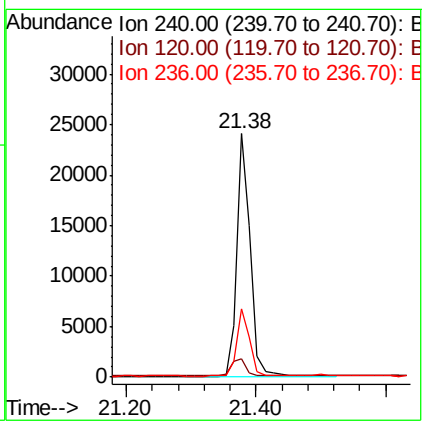


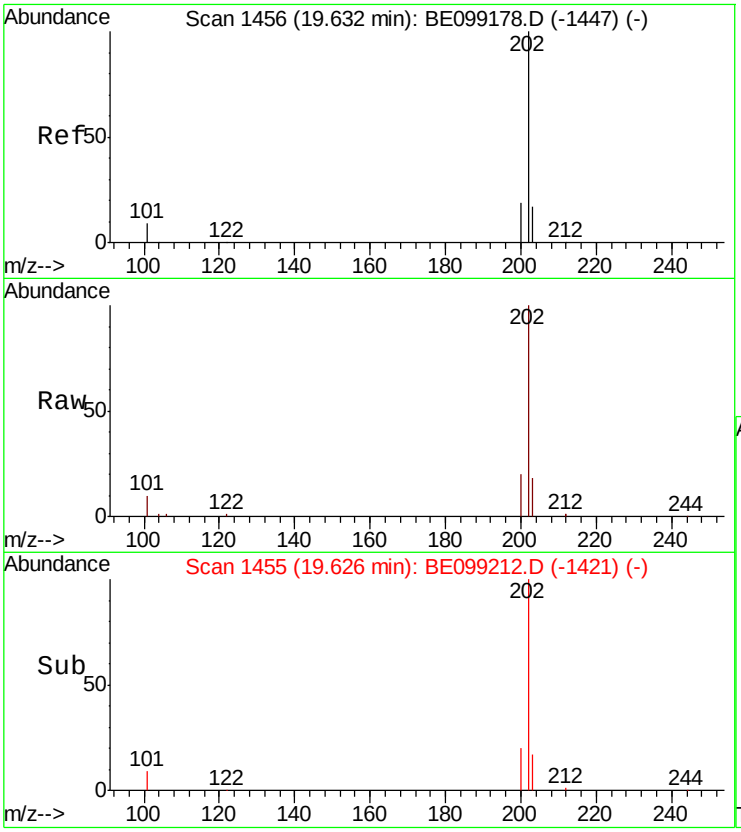


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:240 Resp: 34622

Ion	Ratio	Lower	Upper
240	100		
120	7.4	2.6	3.8#
236	28.2	20.9	31.3



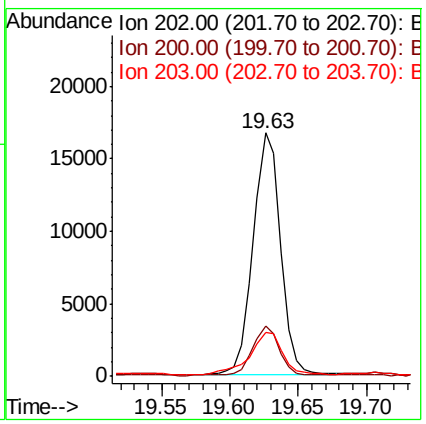


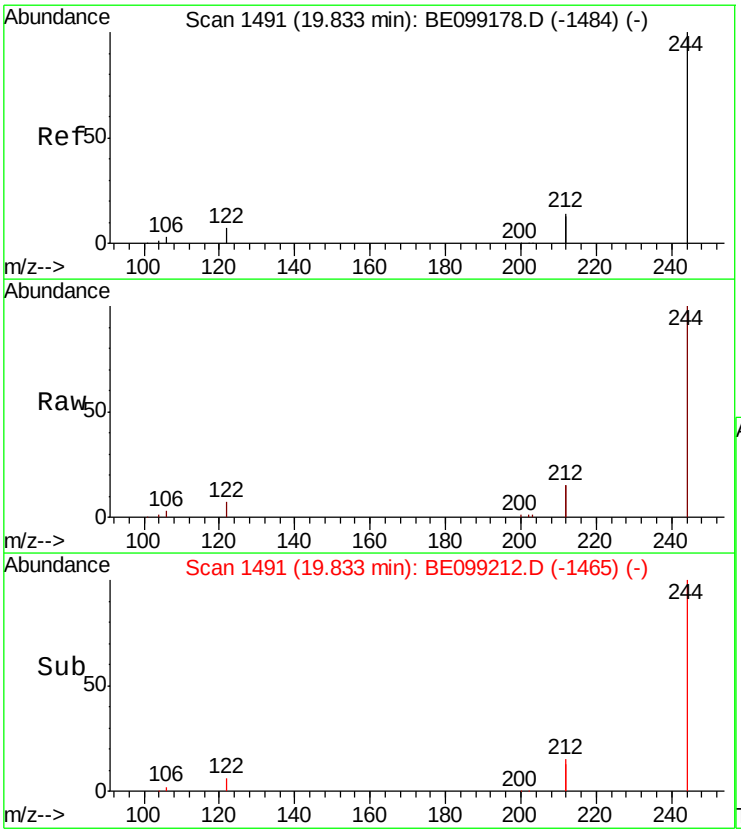
#28
Pyrene
Concen: 0.200 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:202 Resp: 23020

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	20.5	14.1	21.1

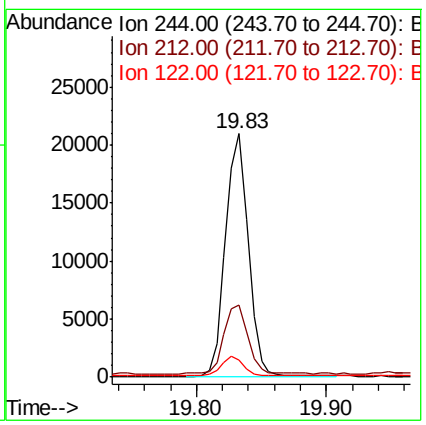


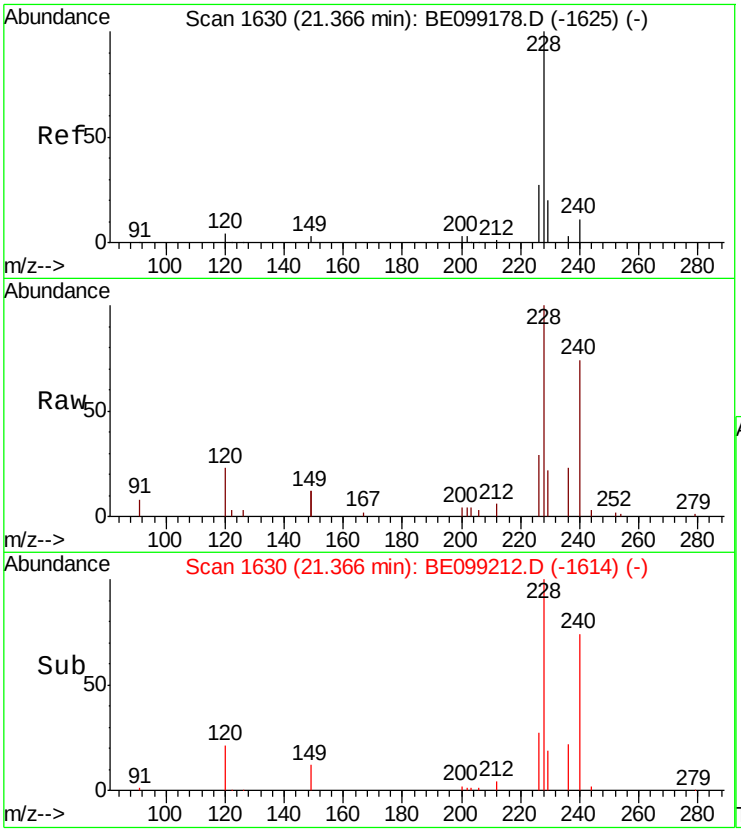


#29
Terphenyl-d14
Concen: 0.337 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:244 Resp: 25346

Ion	Ratio	Lower	Upper
244	100		
212	29.8	22.7	34.1
122	6.9	5.8	8.6



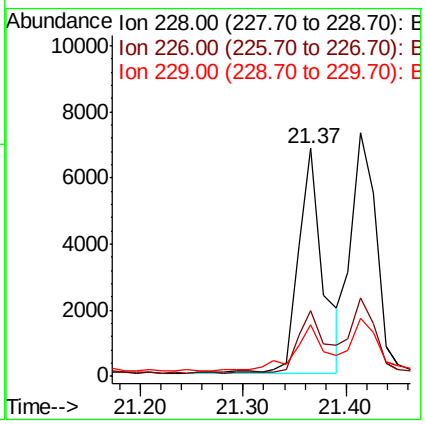


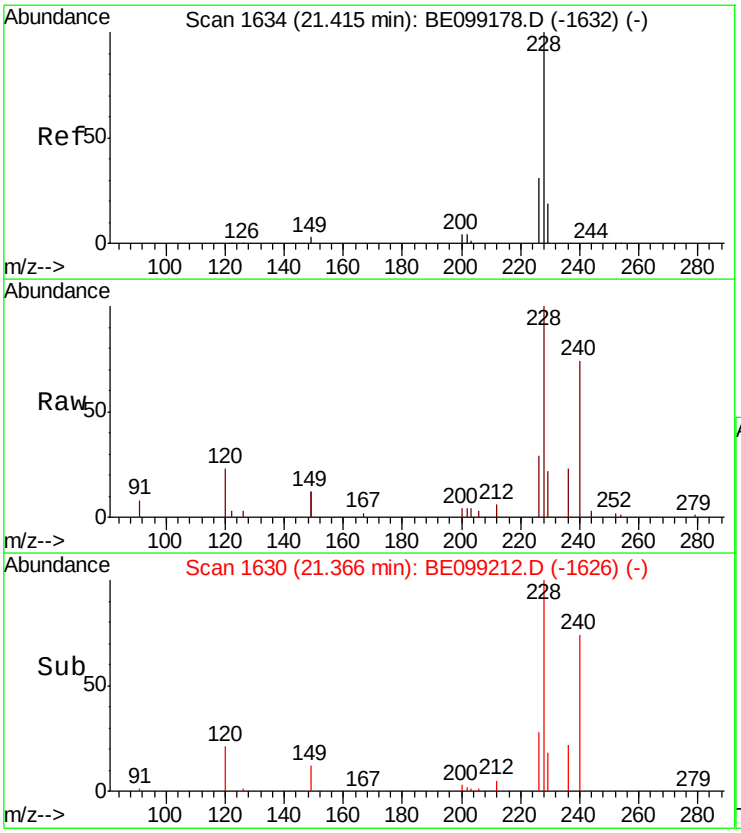
#30
Benzo(a)anthracene
Concen: 0.099 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:228 Resp: 11288

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.7	32.5
229	22.4	15.9	23.9

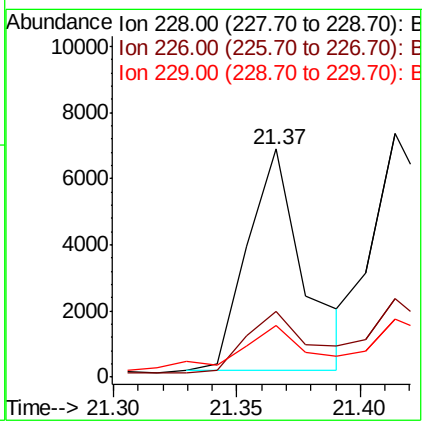


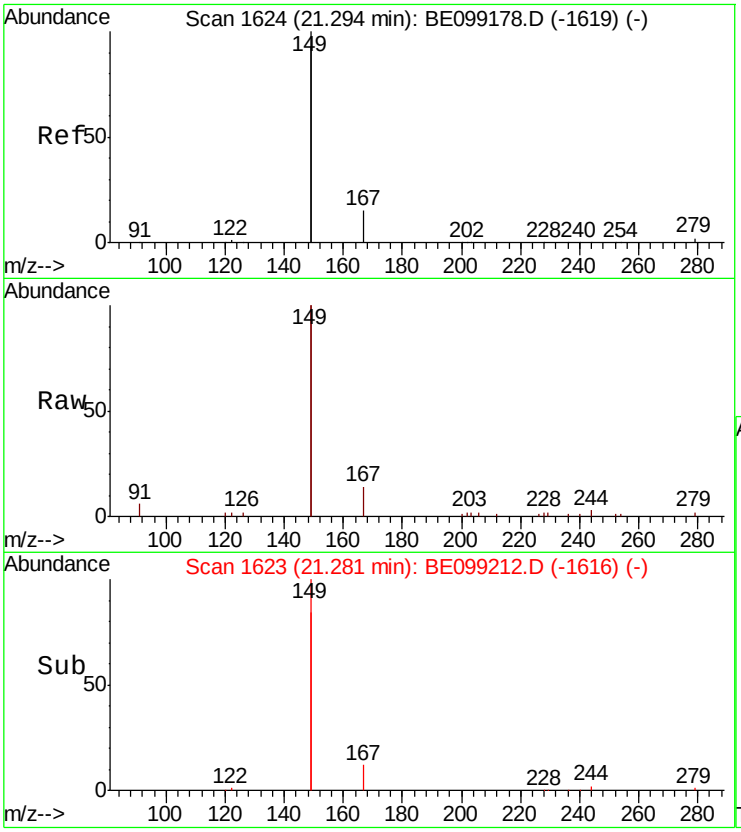


#31
Chrysene
Concen: 0.088 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.05 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:228 Resp: 10722

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.8	37.2
229	22.4	15.4	23.0



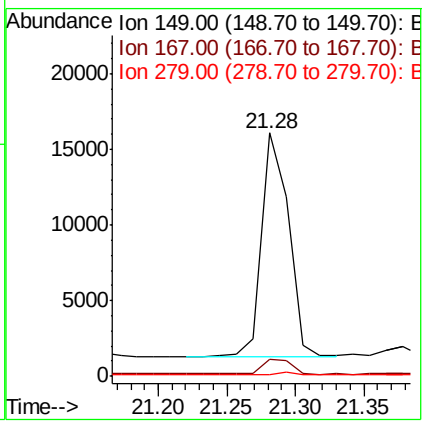


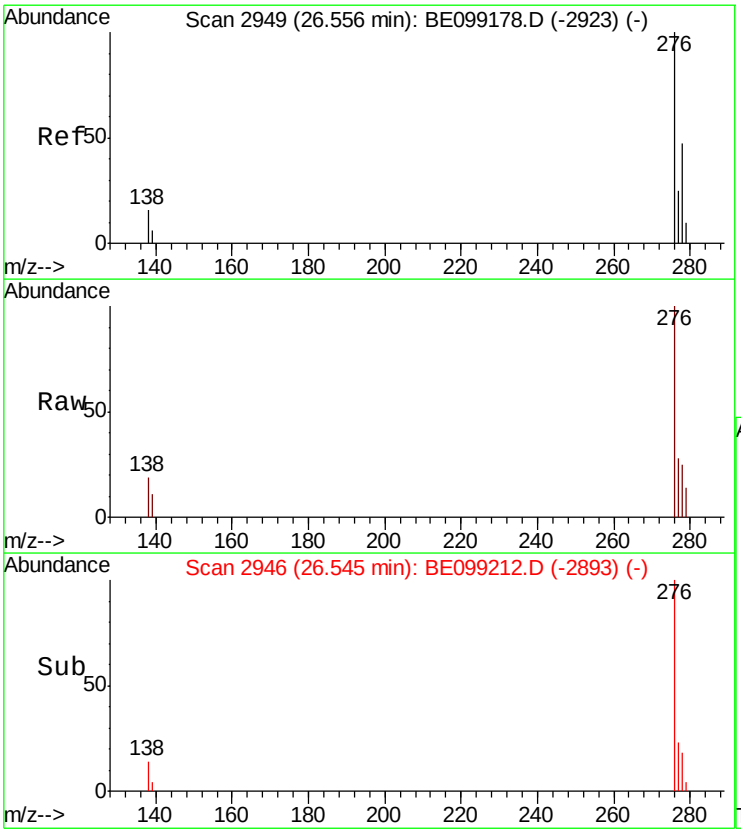
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.149 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:149 Resp: 20259

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.2	1.0	1.6

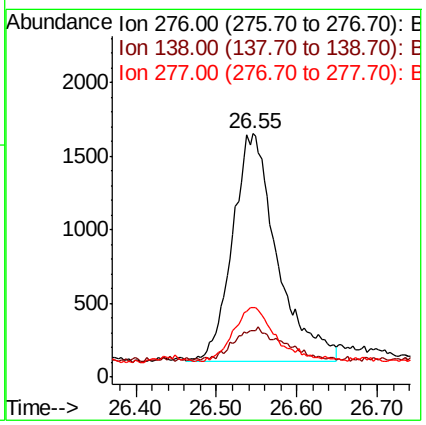


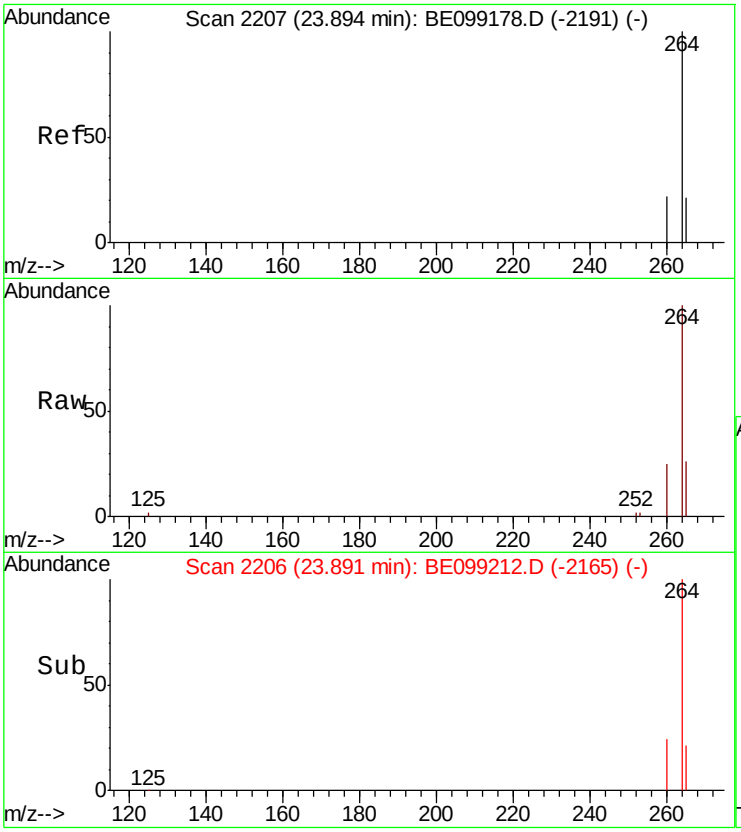


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:276 Resp: 5933

Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.9	19.3#
277	22.6	18.3	27.5



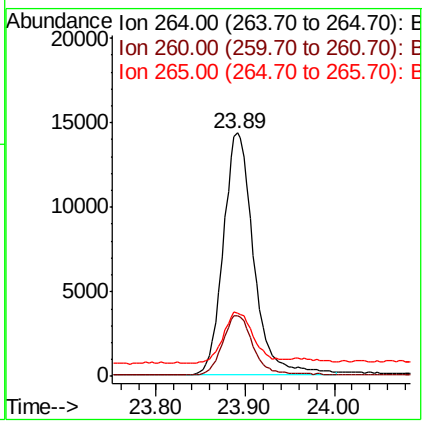


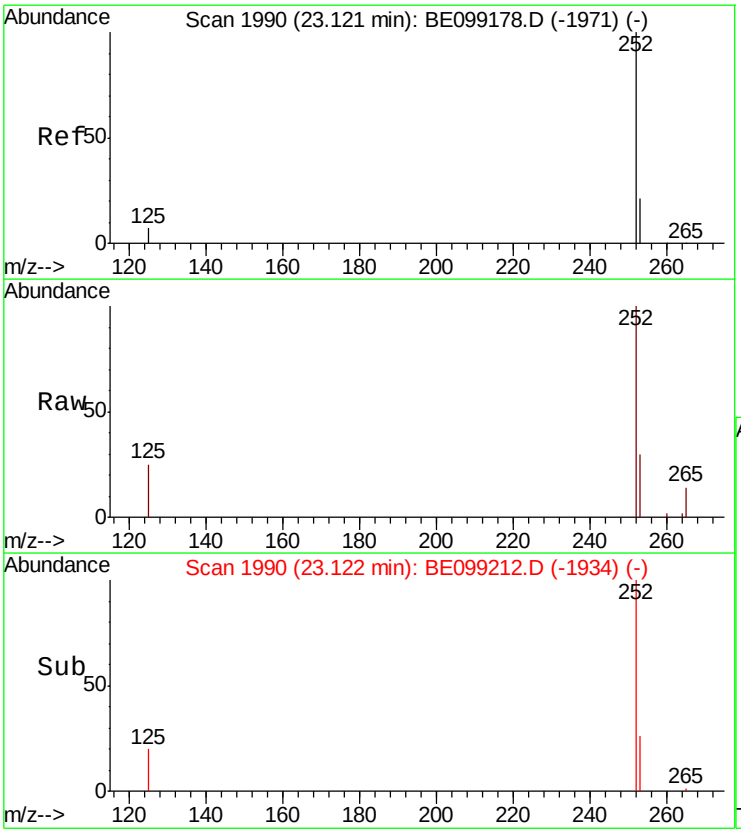
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:264 Resp: 34181

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	25.9	21.8	32.8

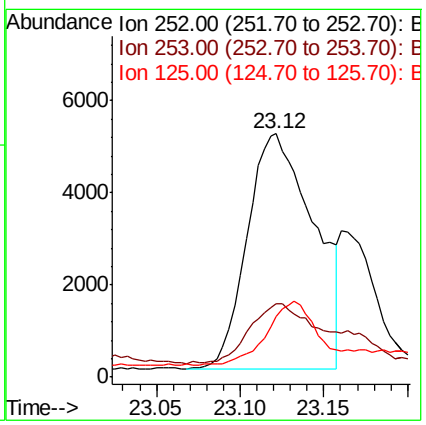


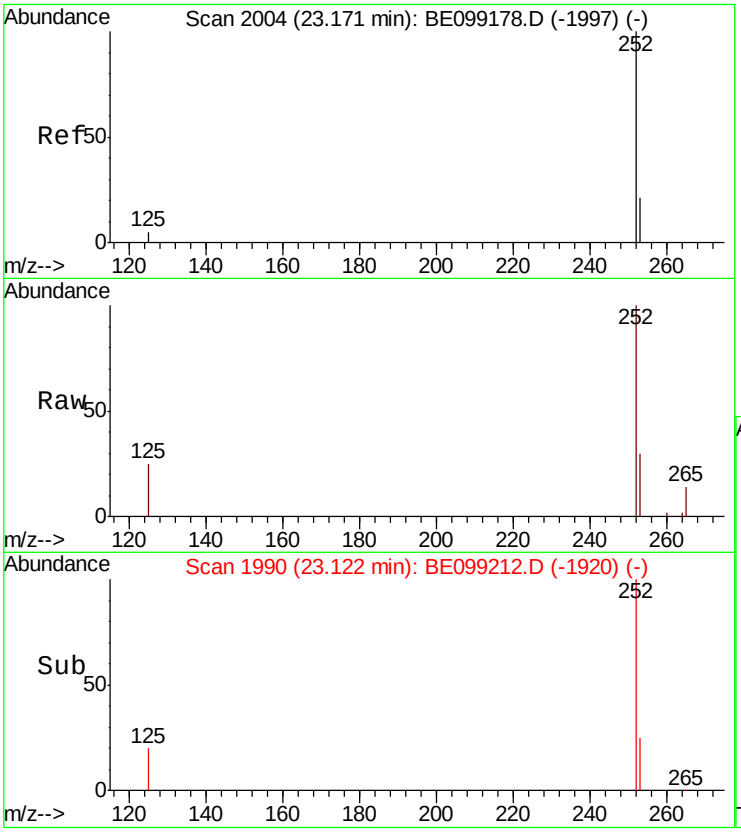


#35
Benzo(b)fluoranthene
Concen: 0.126 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:252 Resp: 14135

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.8	26.8#
125	24.8	6.1	9.1#



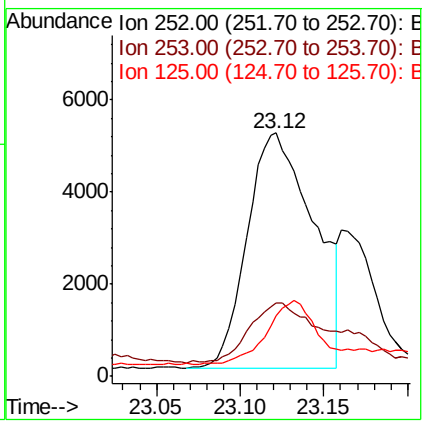


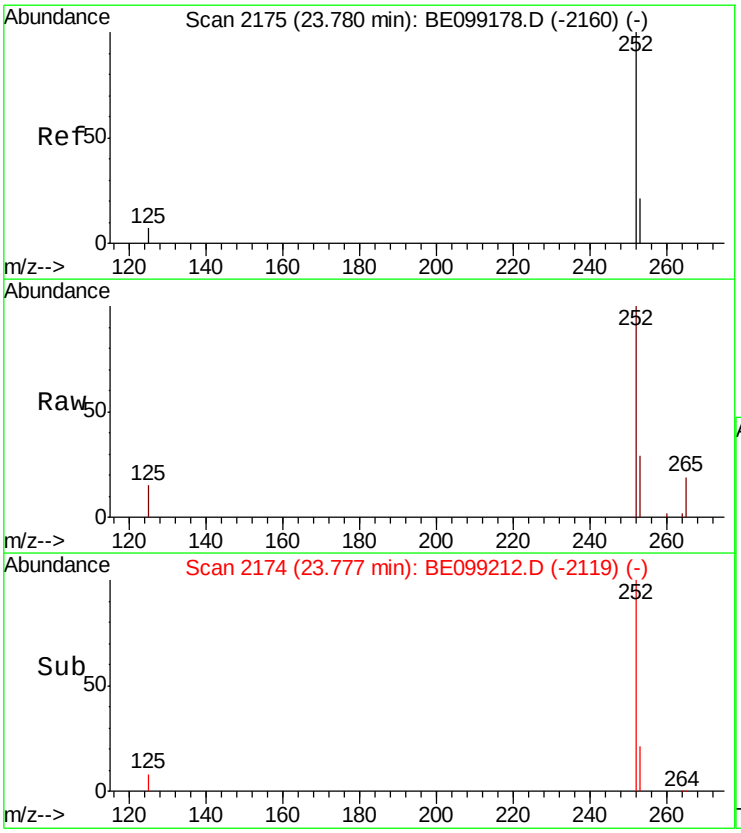
#36
Benzo(k)fluoranthene
Concen: 0.119 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:252 Resp: 14135

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.8	26.6#
125	24.8	5.9	8.9#

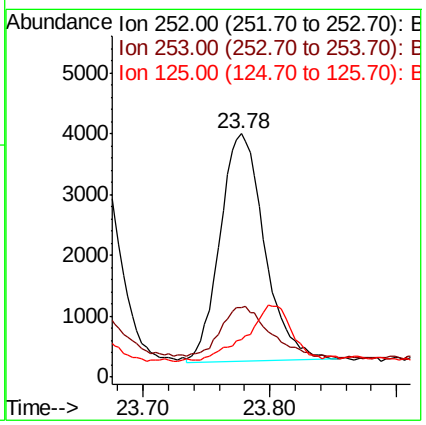


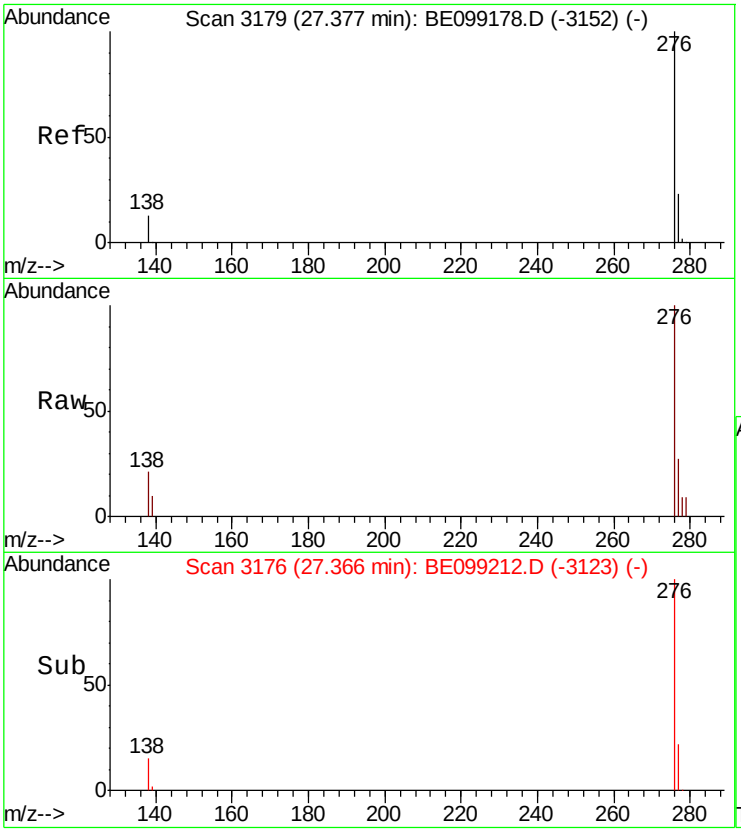


#37
Benzo(a)pyrene
Concen: 0.087 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

Tgt Ion:252 Resp: 9122

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	15.3	6.8	10.2#





#39
Benzo(g,h,i)perylene
Concen: 0.069 ng
RT: 27.37 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE099212.D
Acq: 26 Mar 2019 12:24

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

Tgt Ion:276 Resp: 6464

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	20.8	11.1	16.7#