Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099099.D
Acq On : 23 Mar 2019 3:03
Operator : JU/SJ
Sample : K1947-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-028-B003-031219

Quant Time: Mar 23 04:01:11 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 00:46:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3071	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	12376	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	8151	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	21692	0.40	ng		0.00
27) Chrysene-d12	21.39	240	33136	0.40	ng		0.00
34) Perylene-d12	23.90	264	37245	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4216	0.46	ng		0.00
5) Phenol-d6	6.99	99	5858	0.44	ng		0.00
8) Nitrobenzene-d5	9.15	82	226	0.04	ng		0.16
11) 2-Methylnaphthalene-d10	12.22	152	8022	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1448	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	13388	0.41	ng		0.00
25) Fluoranthene-d10	19.24	212	97538	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	20765	0.30	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.69	42	125	0.051	ng	#	1
22) Pentachlorophenol	16.87	266	35	0.259	ng		90
23) Phenanthrene	17.25	178	4228	0.066	ng		96
26) Fluoranthene	19.27	202	5599	0.062	ng	#	92
28) Pyrene	19.63	202	5318	0.047	ng	#	94
30) Benzo(a)anthracene	21.37	228	3054	0.026	ng	#	91
31) Chrysene	21.43	228	3514	0.030	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.31	149	26016	0.172	ng		98
35) Benzo(b)fluoranthene	23.13	252	4393	0.034	ng	#	50
36) Benzo(k)fluoranthene	23.13	252	4393	0.035	ng	#	54
37) Benzo(a)pyrene	23.78	252	2971	0.025	ng	#	57

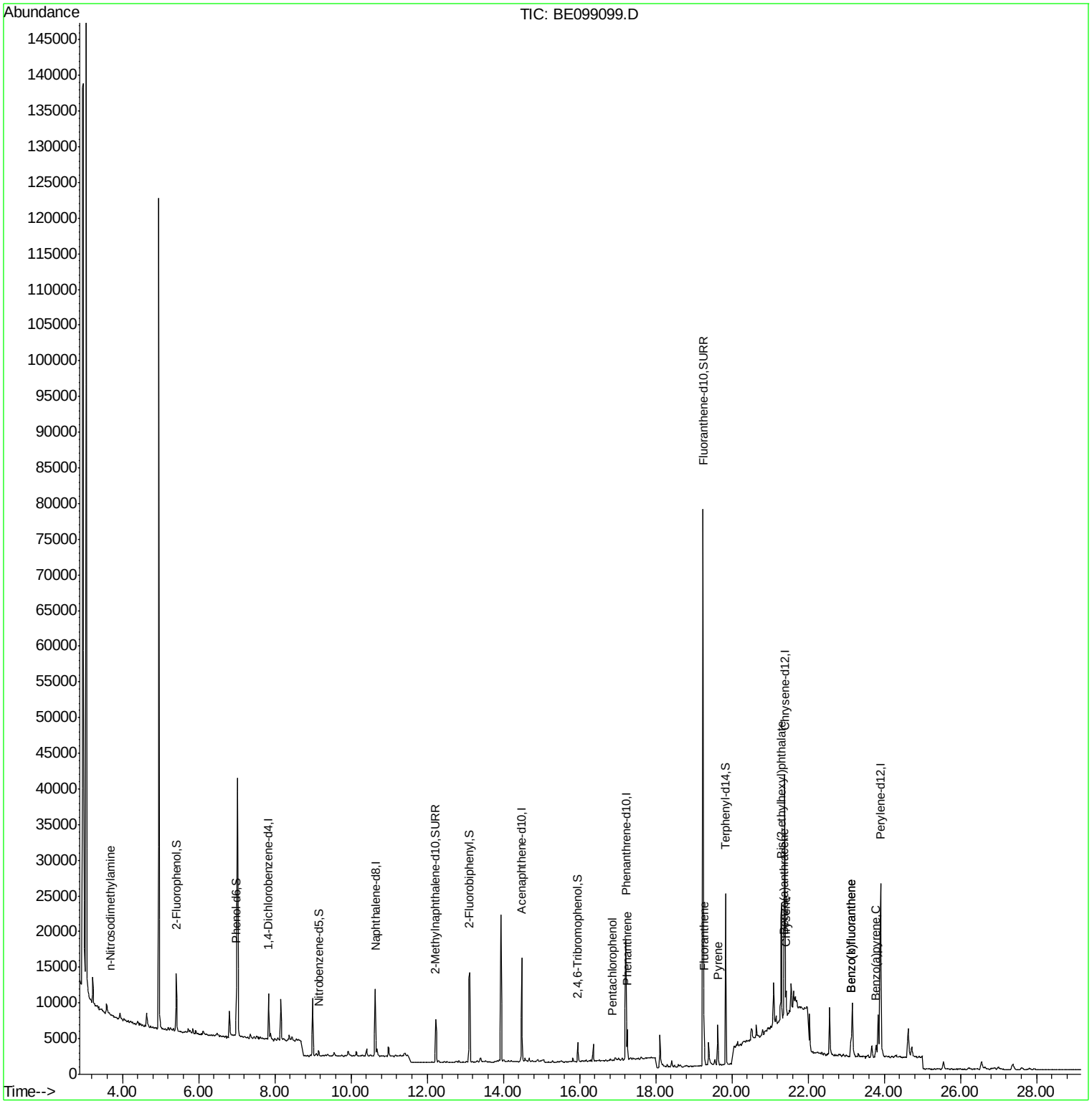
(#) = qualifier out of range (m) = manual integration (+) = signals summed

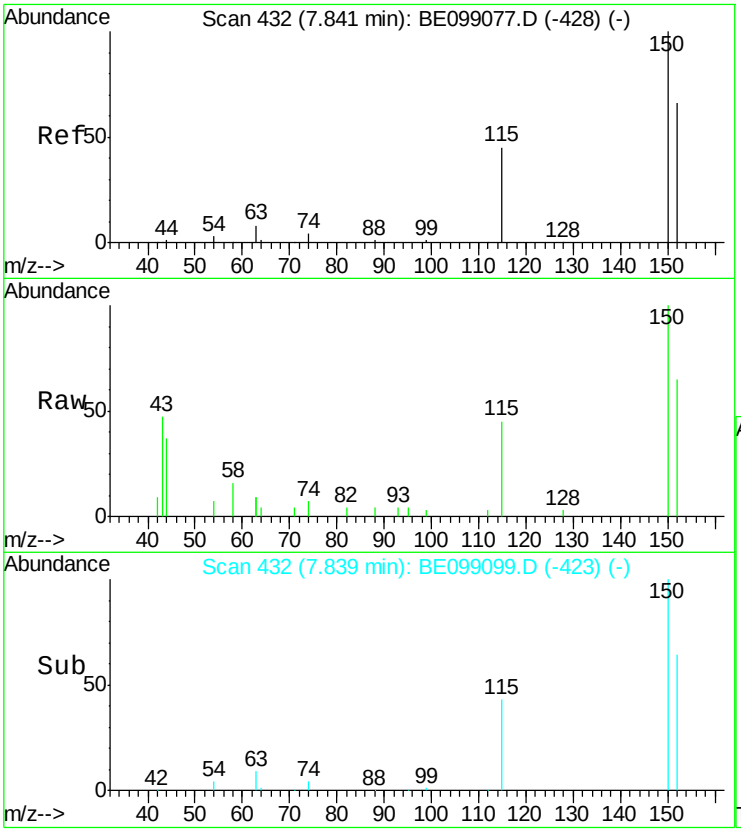
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099099.D
Acq On : 23 Mar 2019 3:03
Operator : JU/SJ
Sample : K1947-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Quant Time: Mar 23 04:01:11 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 00:46:37 2019
Response via : Initial Calibration



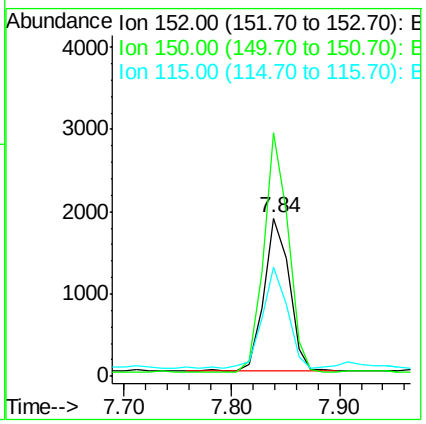


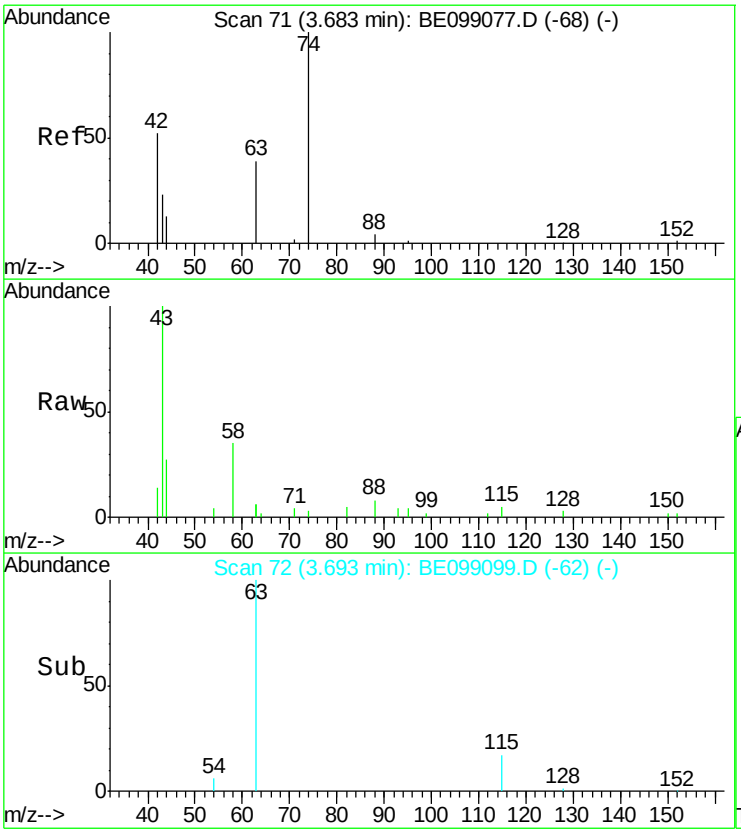
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:152 Resp: 3071

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.5	183.7
115	69.2	57.4	86.2

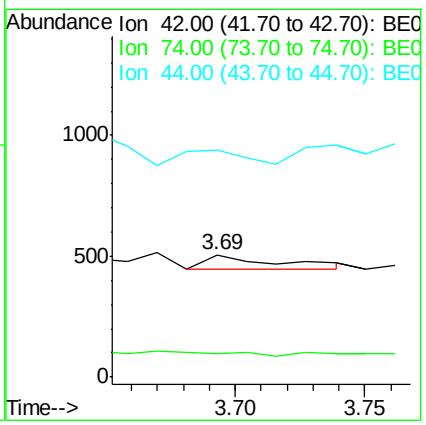


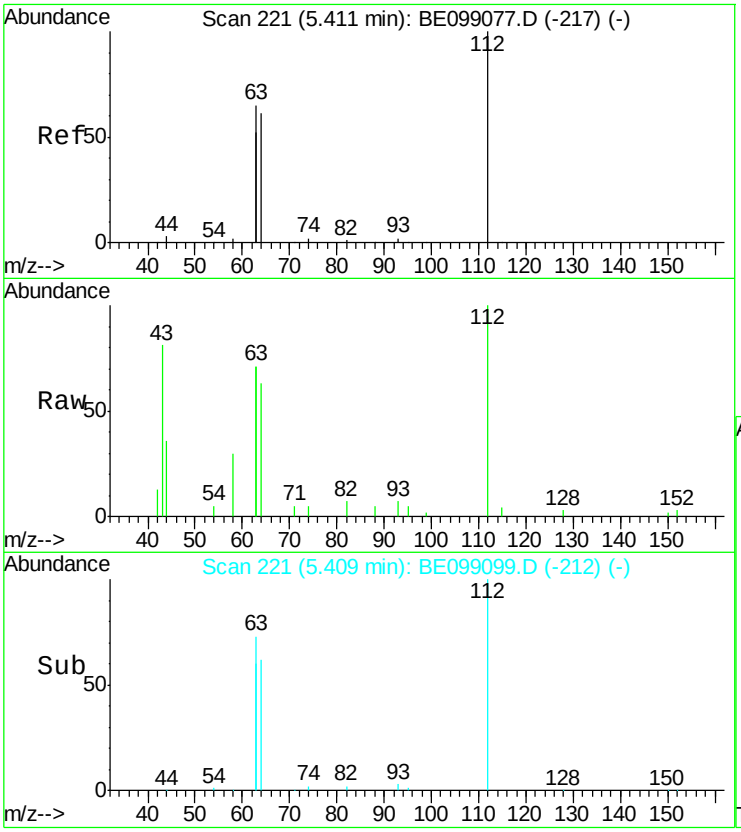


#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion: 42 Resp: 125

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	86.4	0.0	0.0#



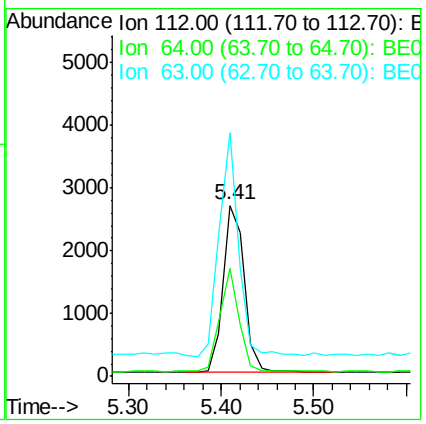


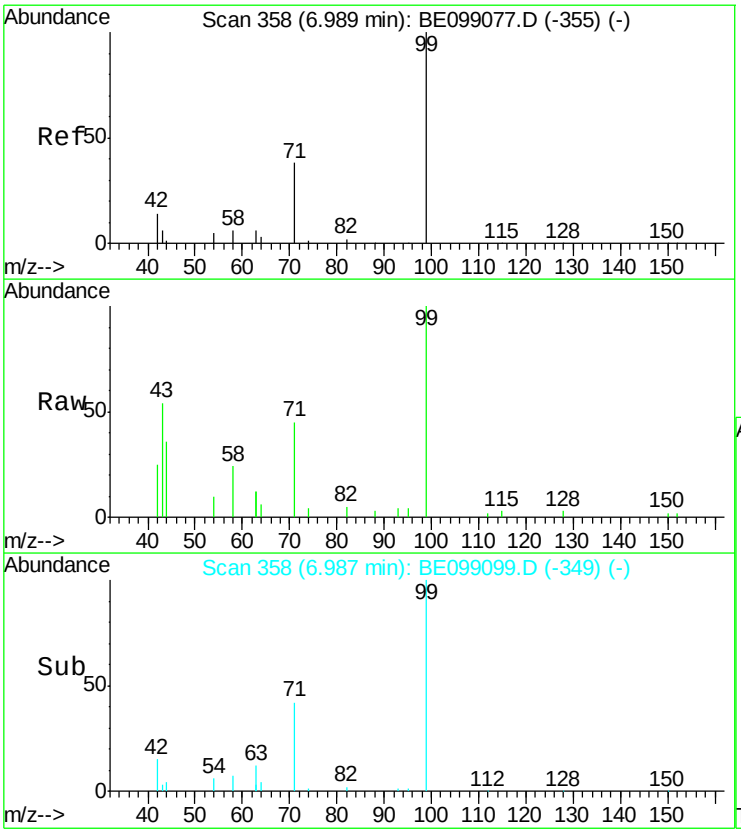
#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:112 Resp: 4216

Ion	Ratio	Lower	Upper
112	100		
64	56.7	57.9	86.9#
63	120.8	158.3	237.5#

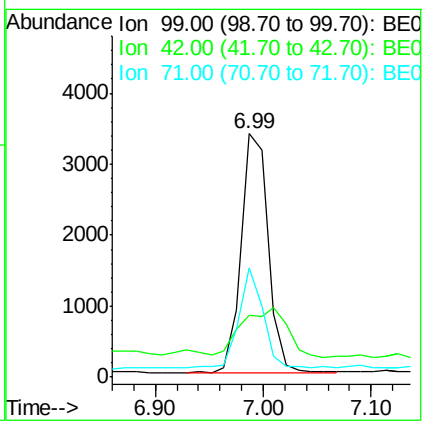


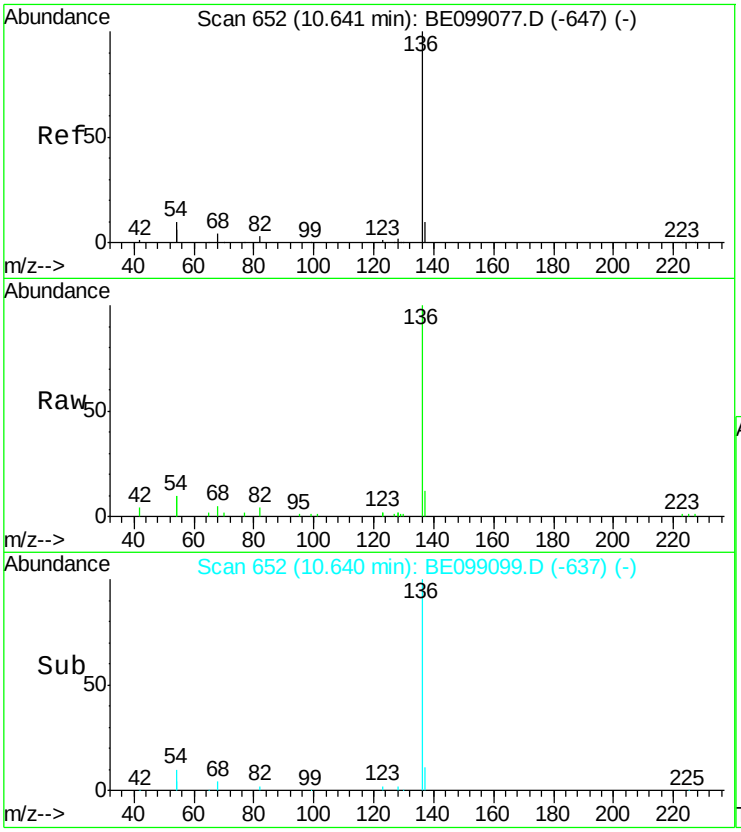


#5
Phenol-d6
Concen: 0.445 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion: 99 Resp: 5858

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	36.3	35.7	53.5



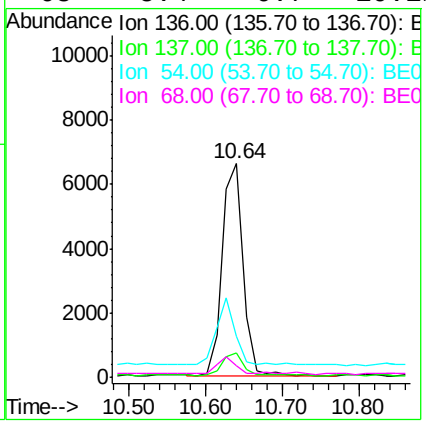


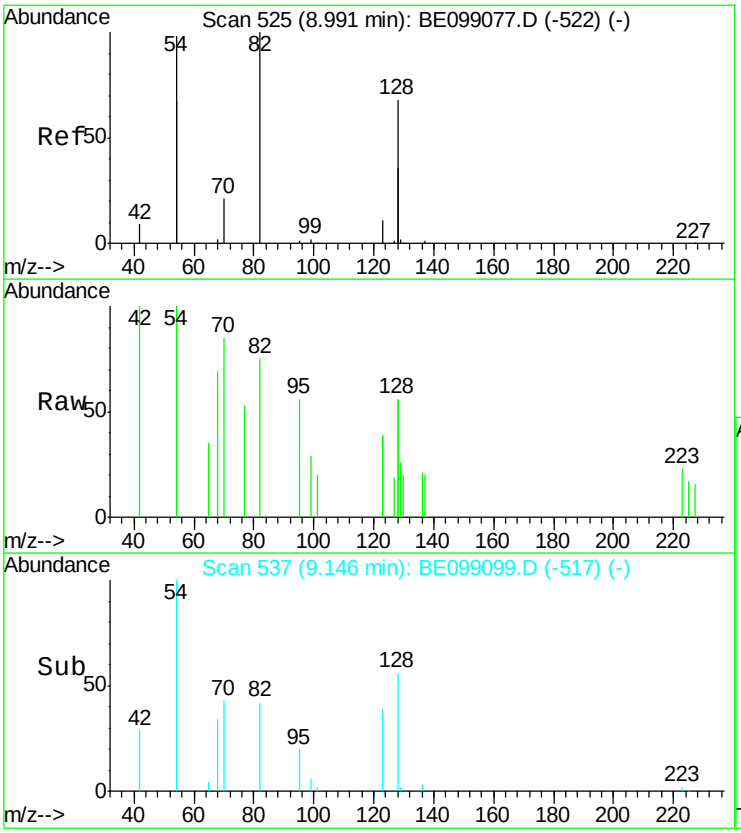
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:136 Resp: 12376

Ion	Ratio	Lower	Upper
136	100		
137	11.7	11.4	17.0
54	19.1	39.3	58.9#
68	5.4	6.7	10.1#

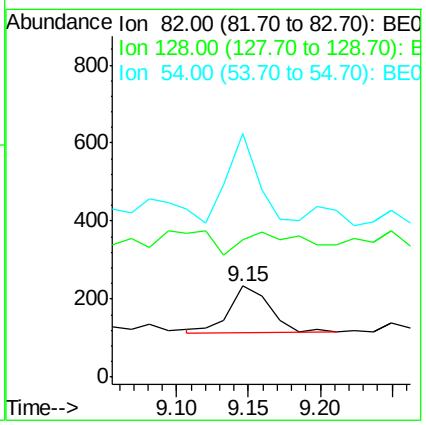


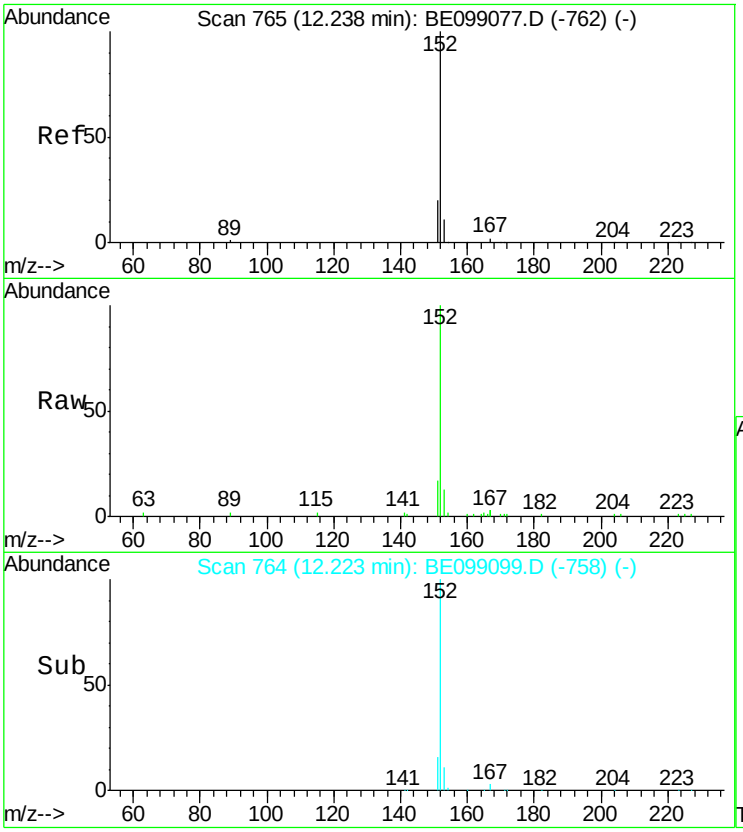


#8
Nitrobenzene-d5
Concen: 0.042 ng
RT: 9.15 min Scan# 537
Delta R.T. 0.16 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion: 82 Resp: 226

Ion	Ratio	Lower	Upper
82	100		
128	151.1	123.8	185.8
54	267.8	203.4	305.2



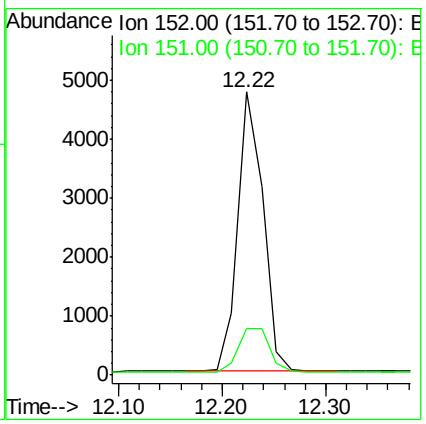


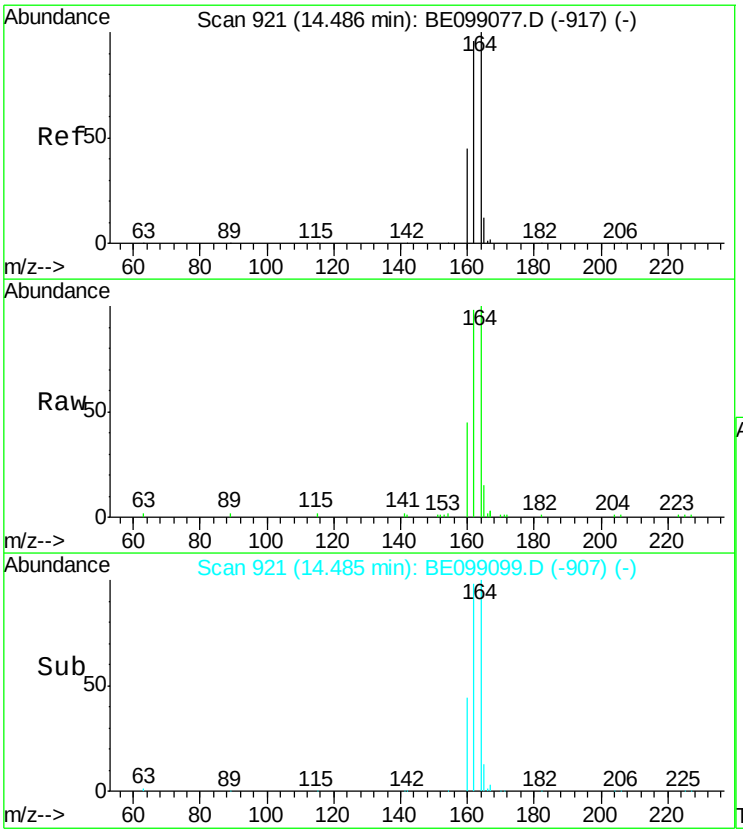
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:152 Resp: 8022

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7

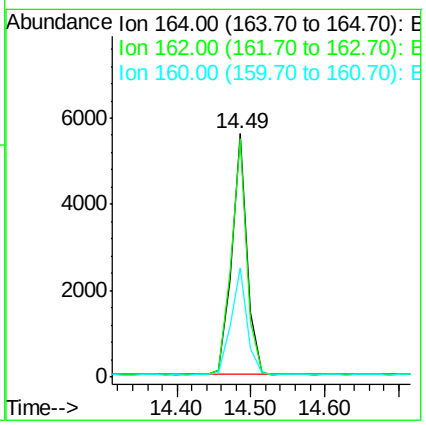


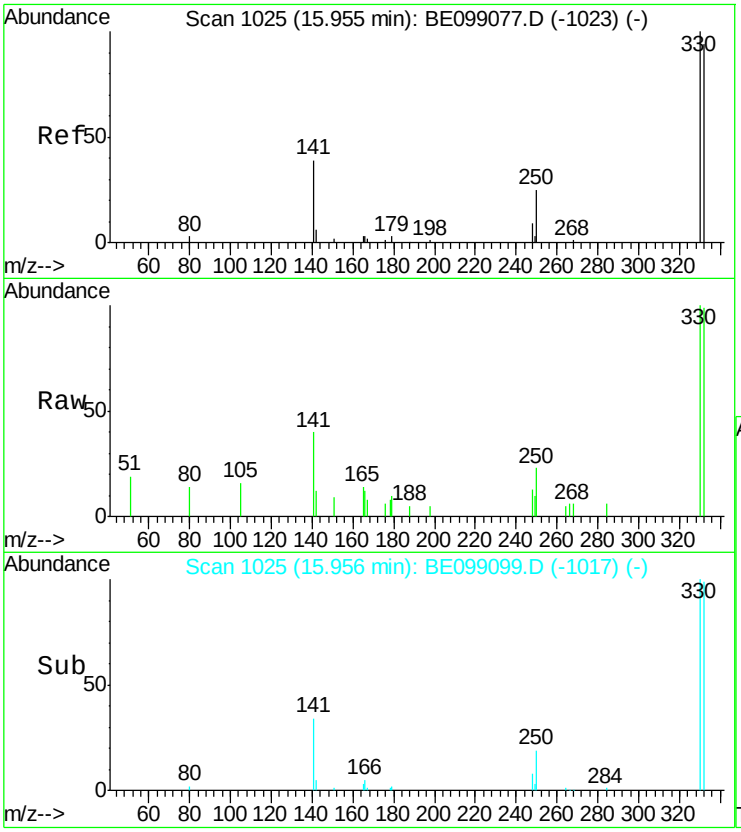


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:164 Resp: 8151

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.2
160	44.9	37.8	56.8



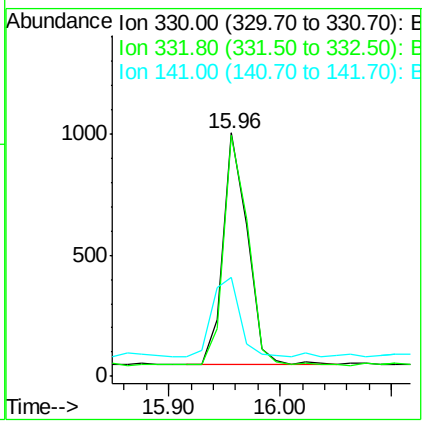


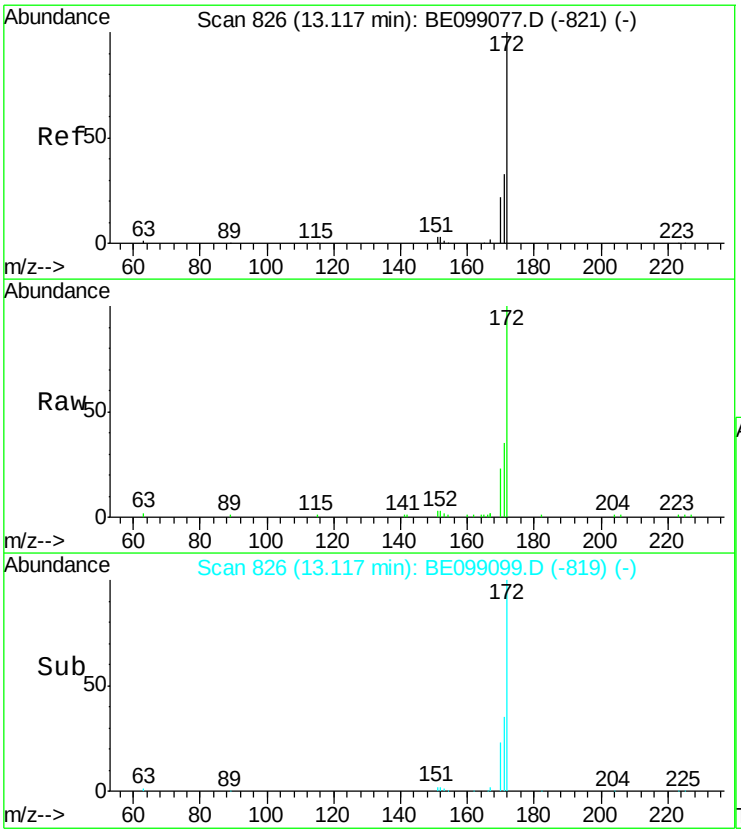
#14
2,4,6-Tribromophenol
Concen: 0.604 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:330 Resp: 1448

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.6	116.4
141	39.1	31.0	46.4

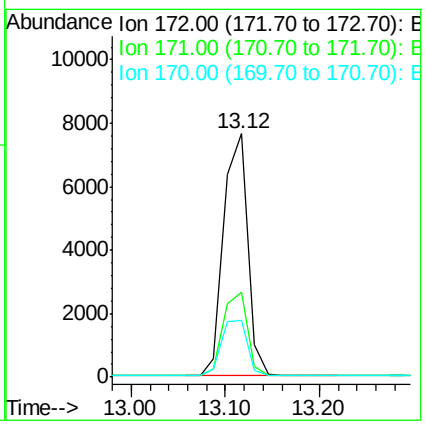


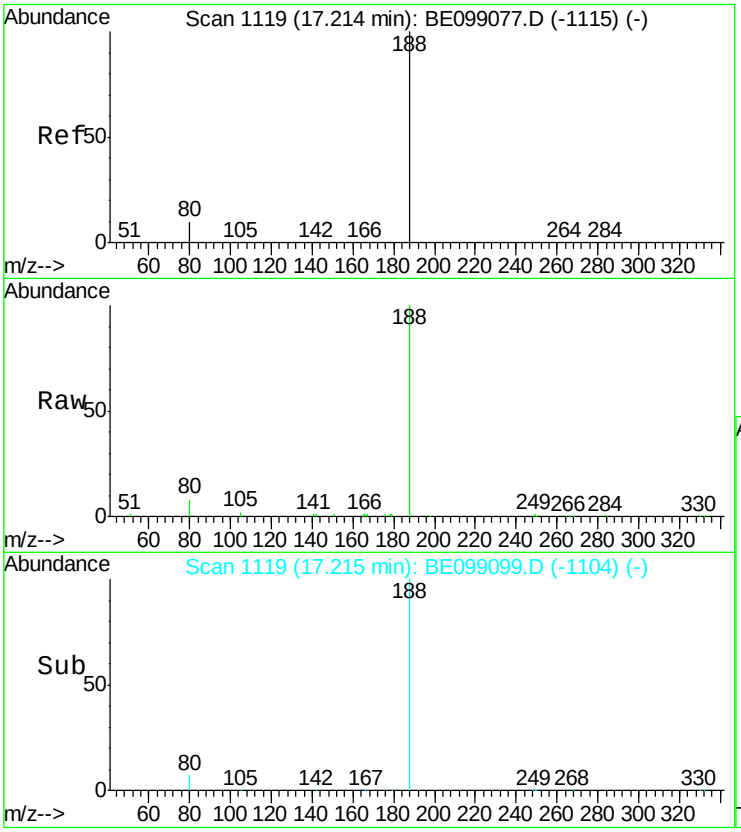


#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:172 Resp: 13388

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.3	17.7	26.5



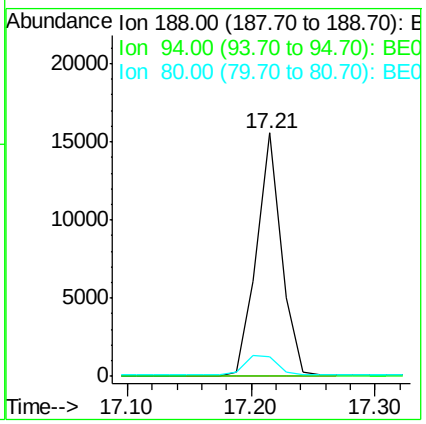


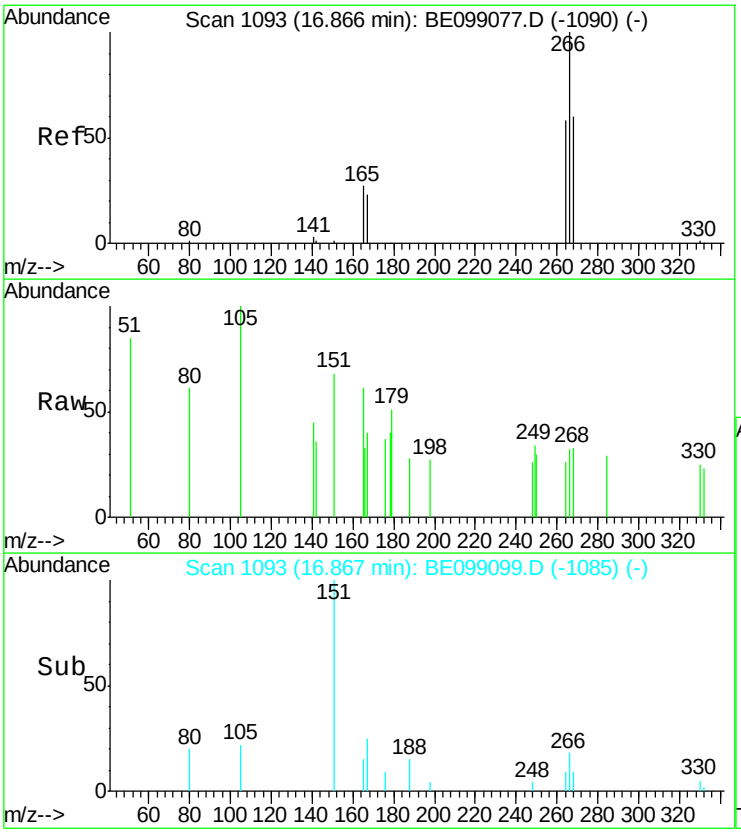
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:188 Resp: 21692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

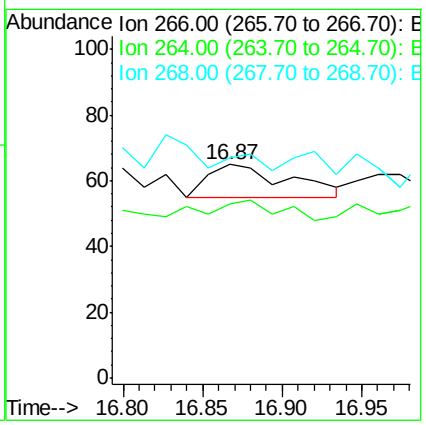


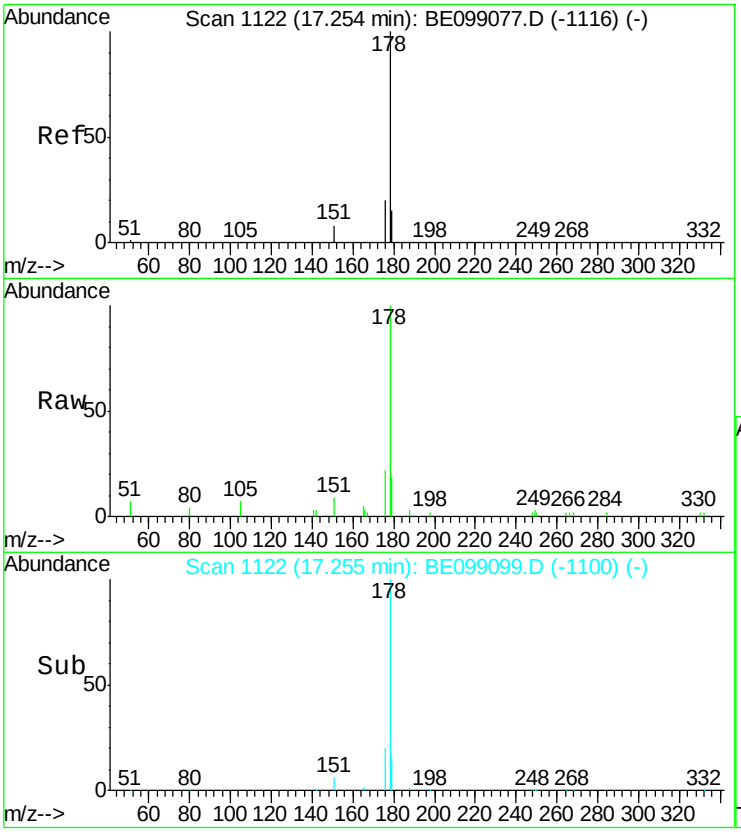


#22
Pentachlorophenol
Concen: 0.259 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	81.5	66.6	100.0
268	103.1	69.8	104.8



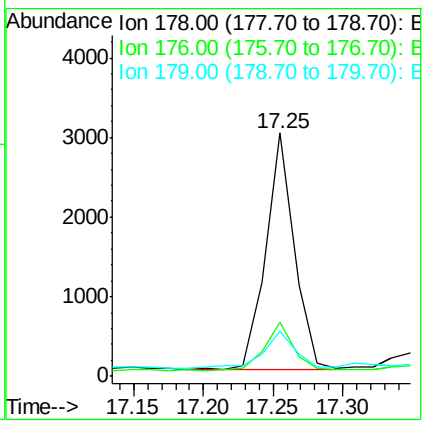


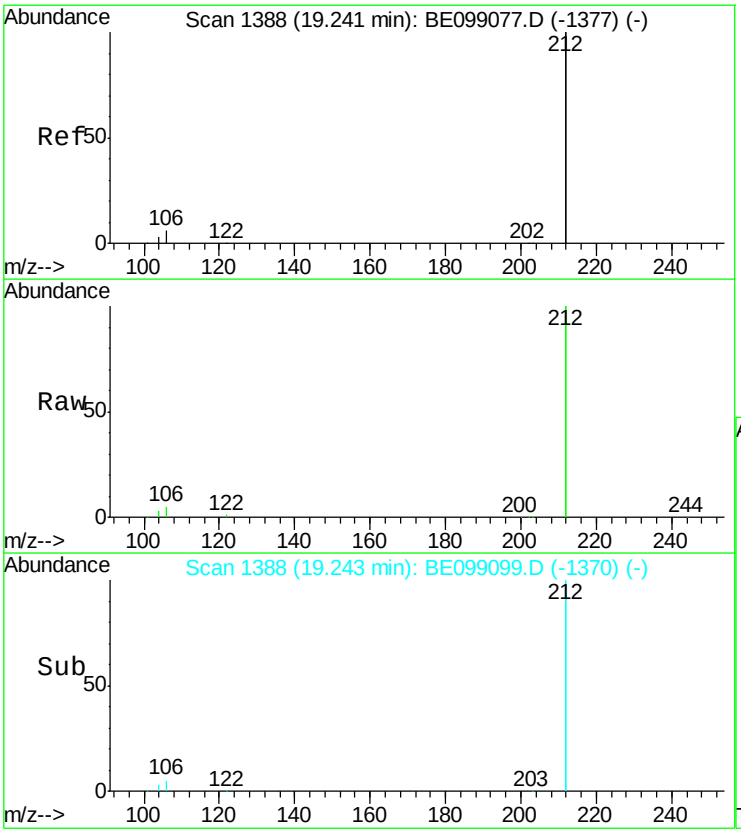
#23
Phenanthrene
Concen: 0.066 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:178 Resp: 4228

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.0	24.0
179	17.4	12.1	18.1

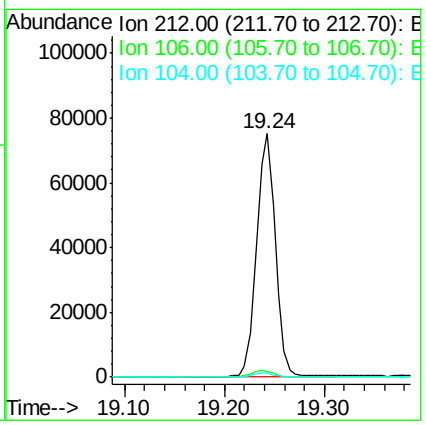


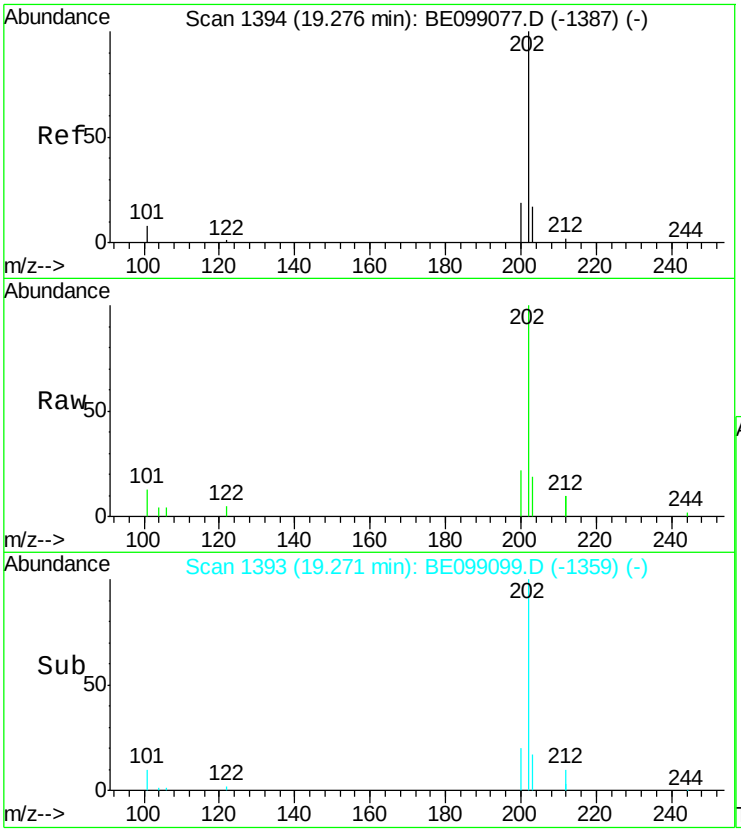


#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:212 Resp: 97538

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



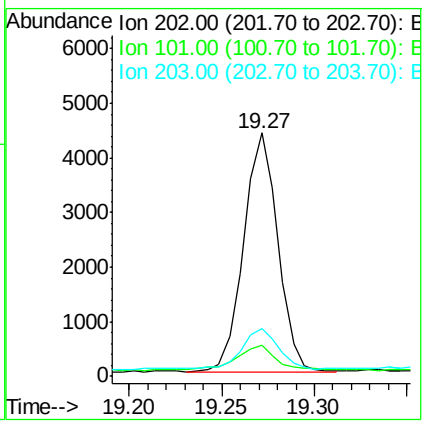


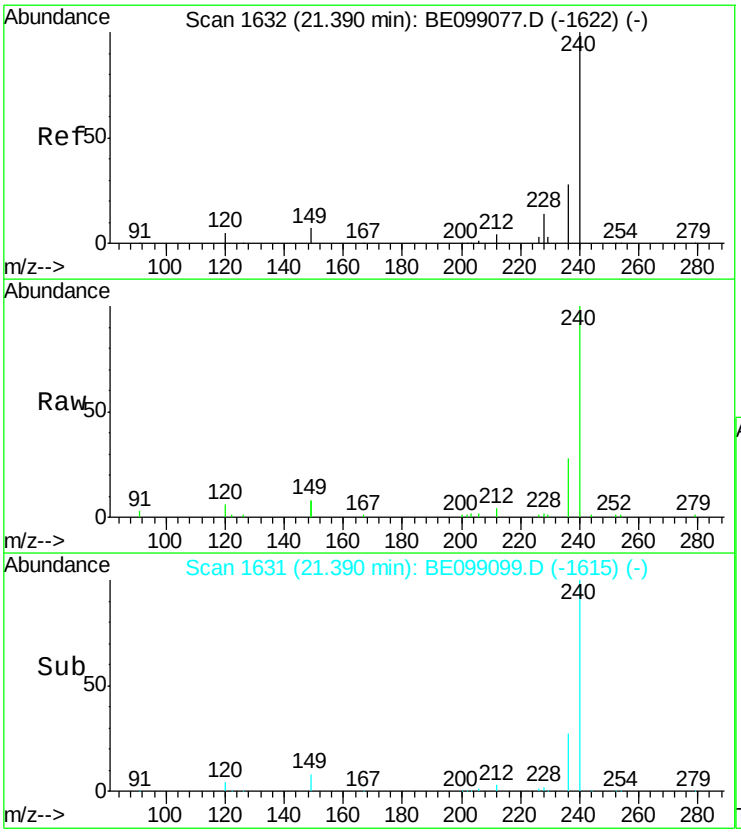
#26
Fluoranthene
Concen: 0.062 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:202 Resp: 5599

Ion	Ratio	Lower	Upper
202	100		
101	12.5	7.3	10.9#
203	20.2	13.4	20.2#

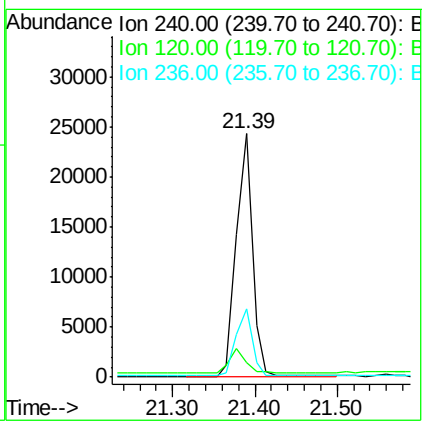


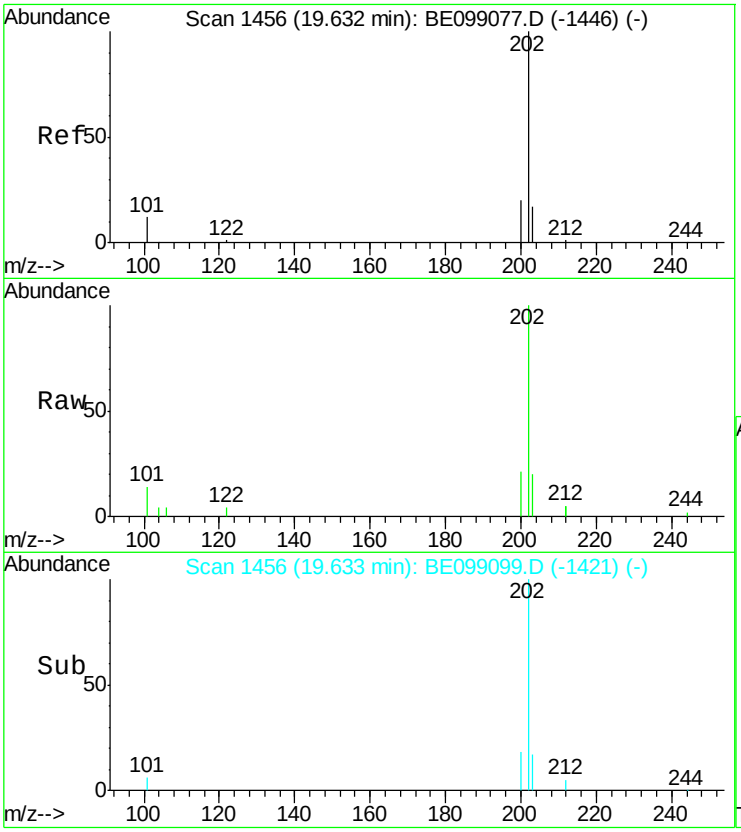


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:240 Resp: 33136

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.4
236	27.8	22.7	34.1



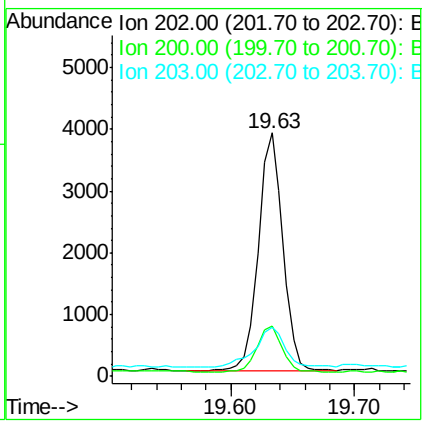


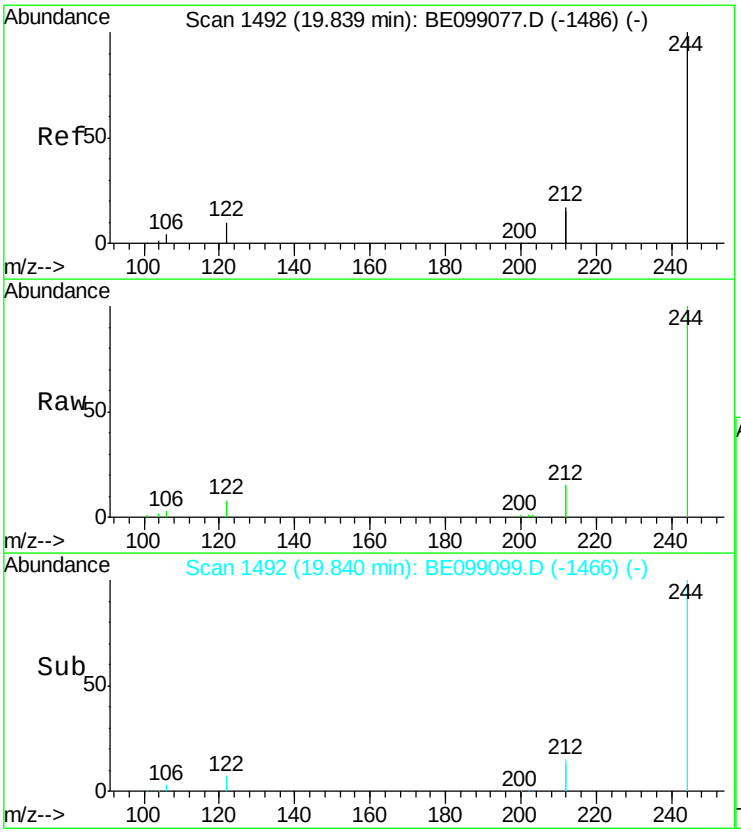
#28
Pyrene
Concen: 0.047 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:202 Resp: 5318

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.6
203	21.3	14.2	21.2#

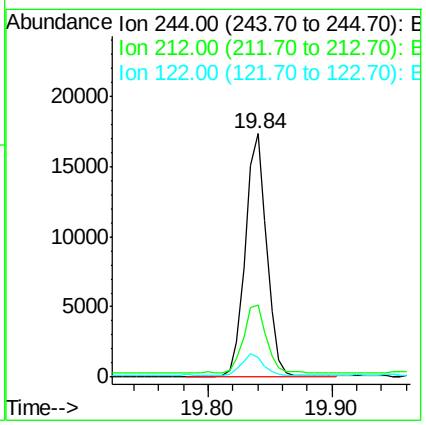


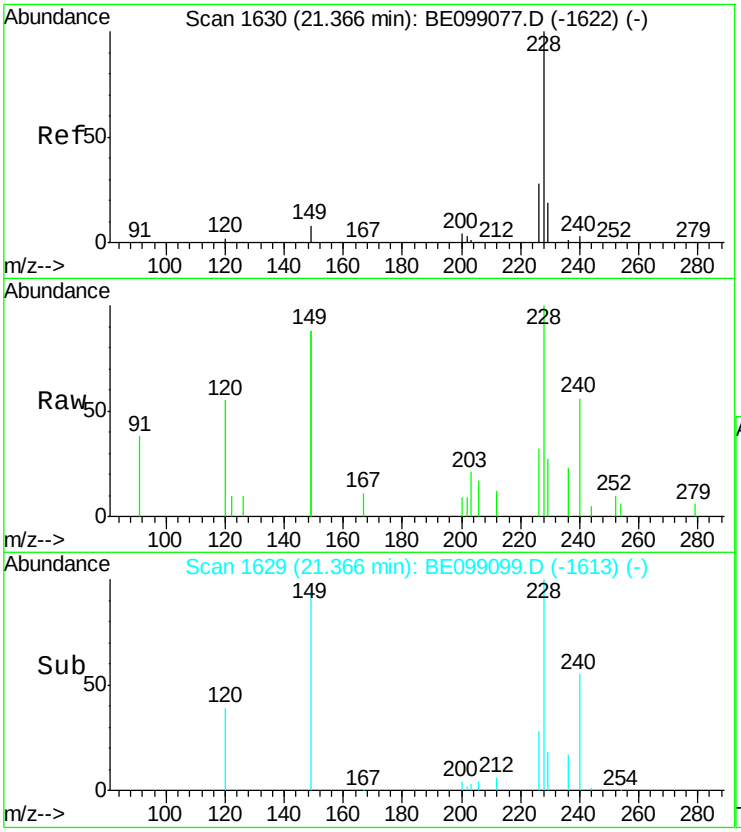


#29
Terphenyl-d14
Concen: 0.296 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:244 Resp: 20765

Ion	Ratio	Lower	Upper
244	100		
212	29.5	29.4	44.2
122	8.3	7.1	10.7



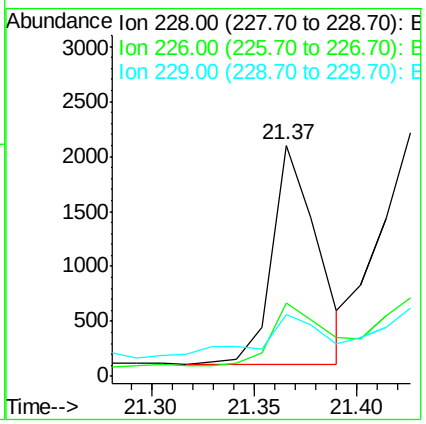


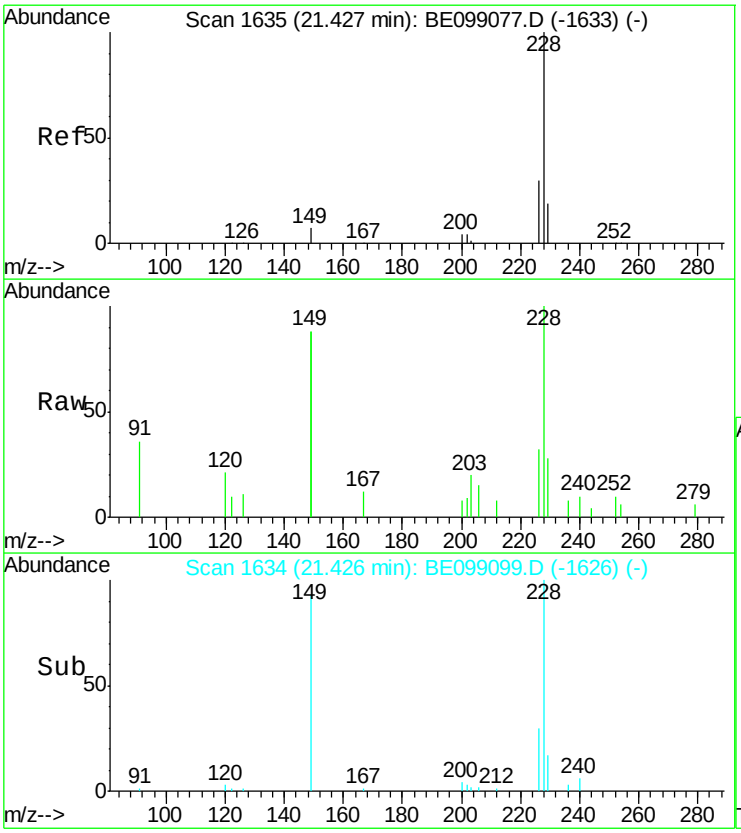
#30
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:228 Resp: 3054

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.0	34.4
229	26.8	16.5	24.7#

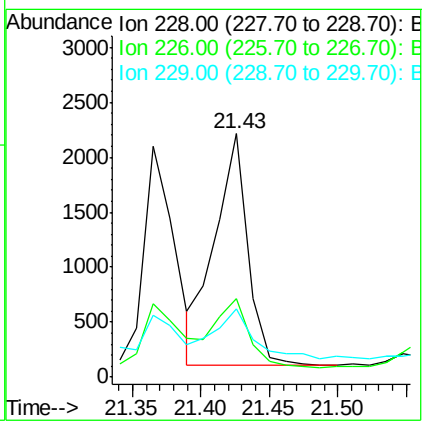


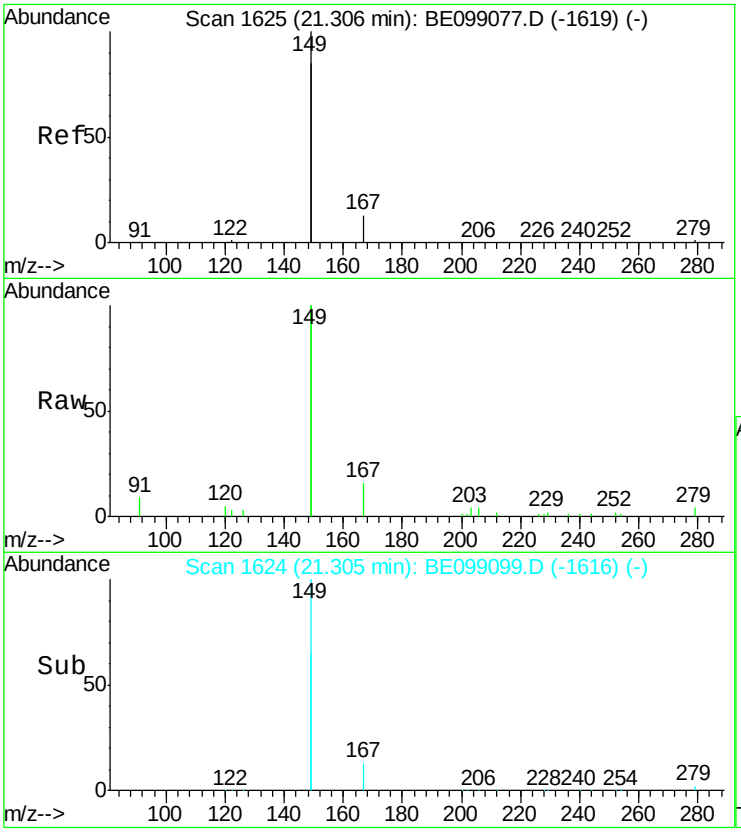


#31
Chrysene
Concen: 0.030 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:228 Resp: 3514

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.7	35.5
229	28.3	16.1	24.1#



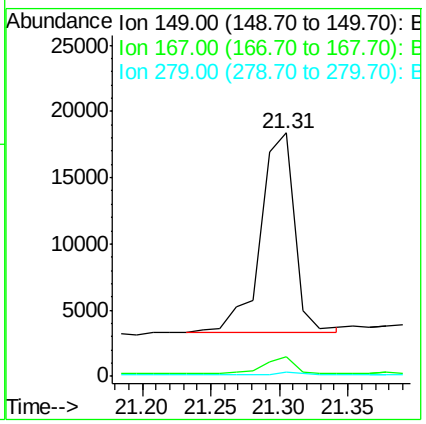


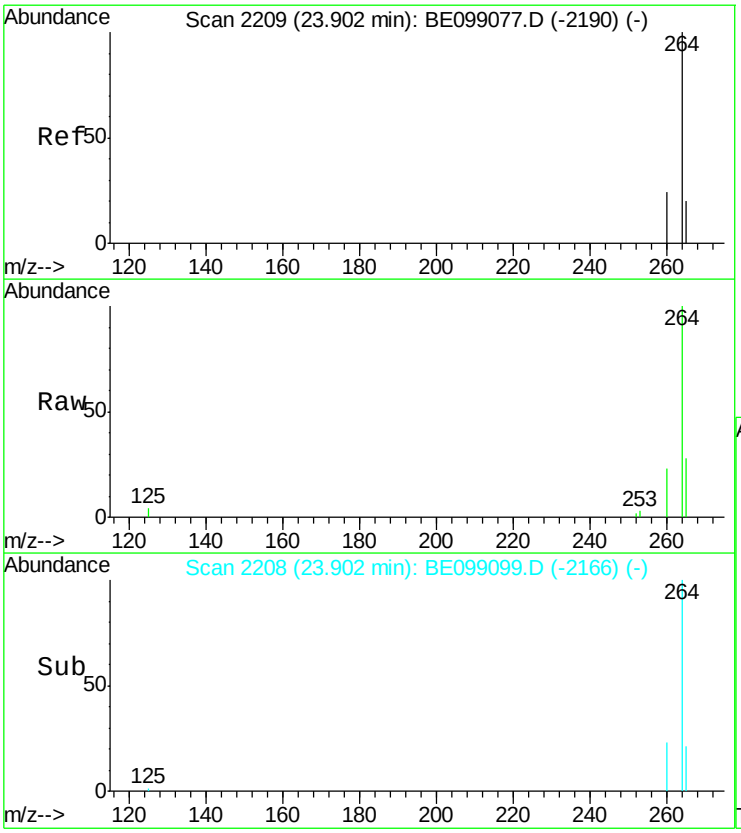
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.172 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:149 Resp: 26016

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.4	8.0
279	1.2	1.0	1.4

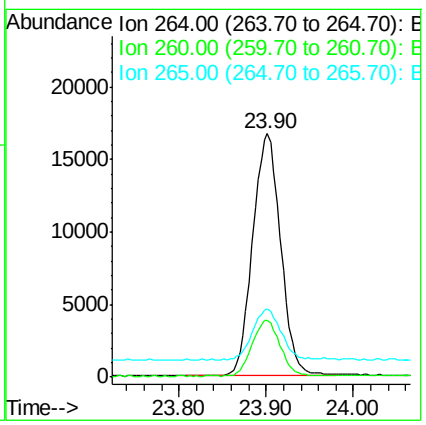


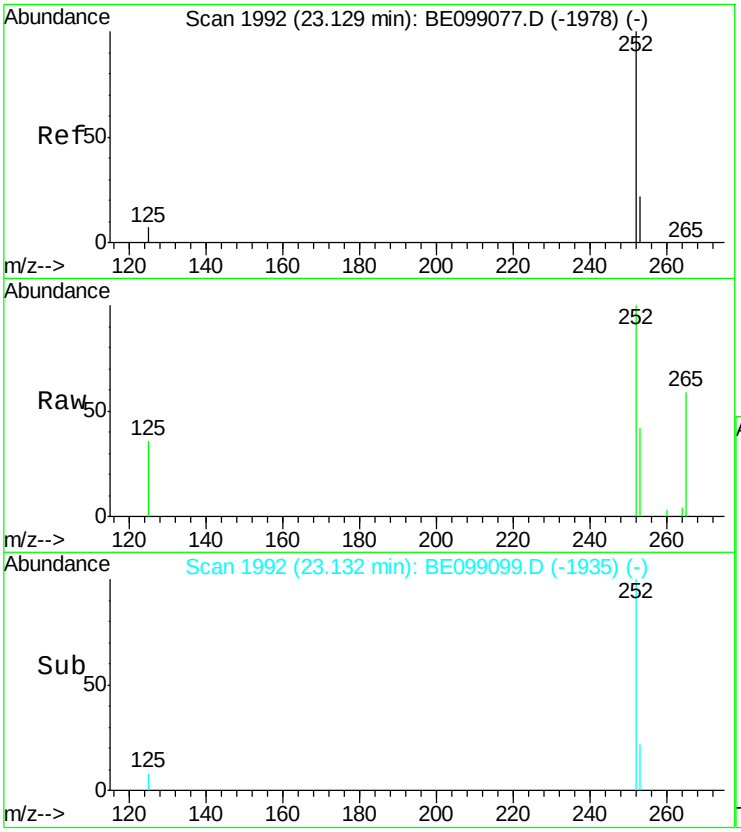


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:264 Resp: 37245

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.2	31.8
265	28.3	24.6	36.8



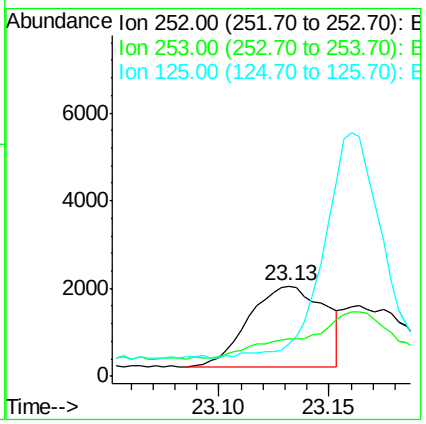


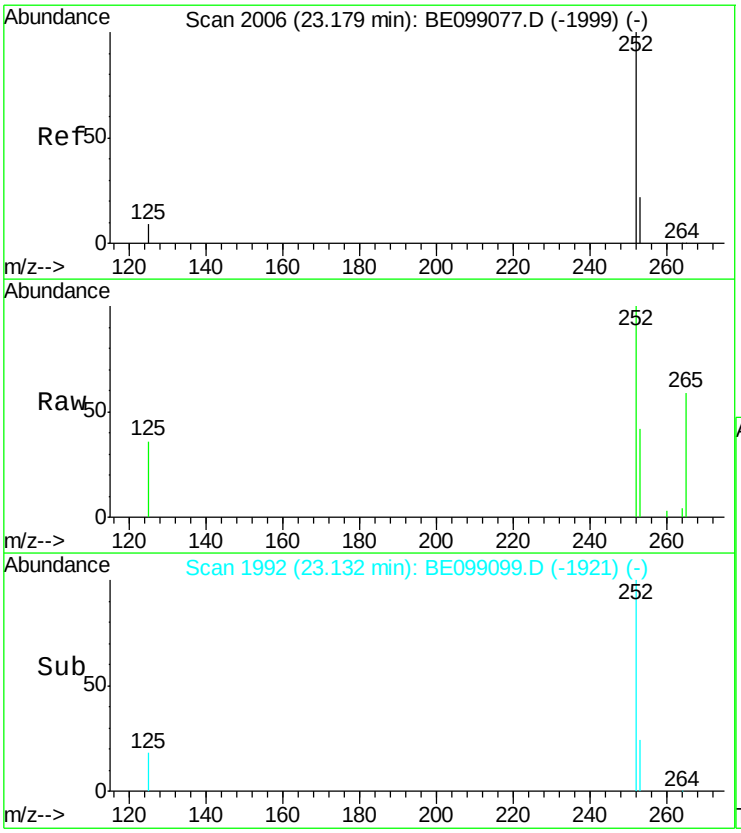
#35
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:252 Resp: 4393

Ion	Ratio	Lower	Upper
252	100		
253	41.9	18.2	27.2#
125	36.0	7.3	10.9#

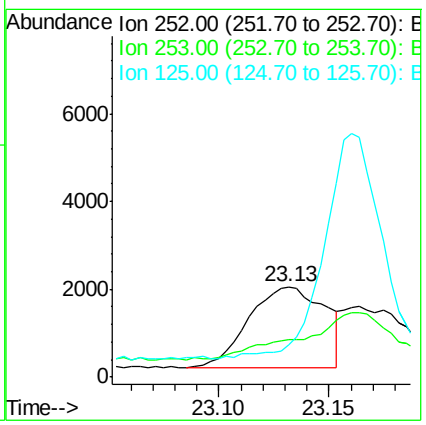


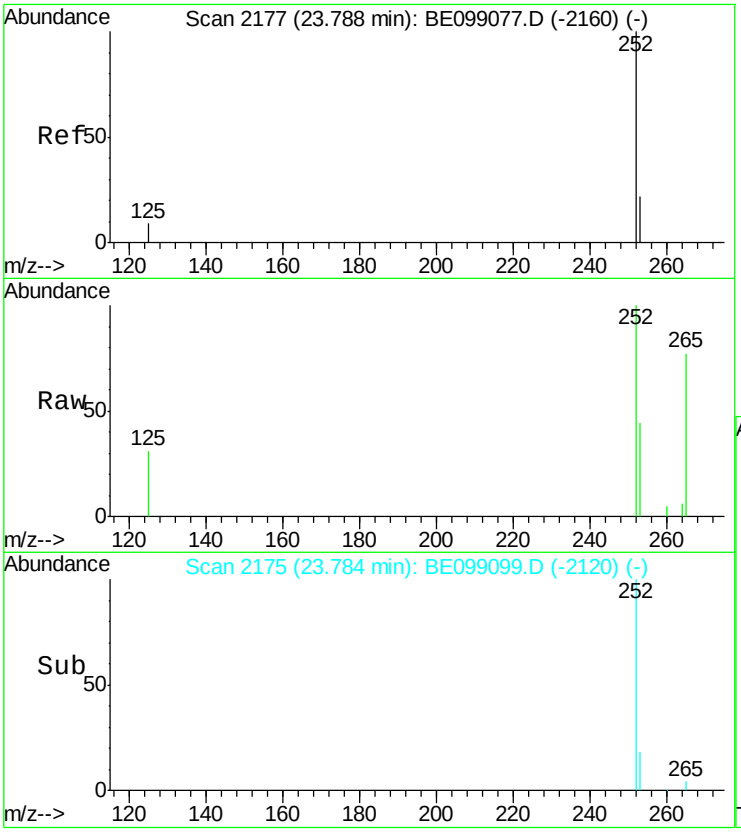


#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Tgt Ion:252 Resp: 4393

Ion	Ratio	Lower	Upper
252	100		
253	41.9	19.3	28.9#
125	36.0	7.5	11.3#





#37
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099099.D
Acq: 23 Mar 2019 3:03

Instrument :
BNA_E
ClientSampleId :
PST-028-B003-031219

Tgt Ion:252 Resp: 2971

Ion	Ratio	Lower	Upper
252	100		
253	44.2	19.9	29.9#
125	31.4	9.0	13.4#