Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004871.D
Acq On : 22 Mar 2019 03:38
Operator : JU/SJ
Sample : K2013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-B027-031819

Quant Time: Mar 22 04:52:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1854	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	8573	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	5490	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	14340	0.40	ng		0.00
27) Chrysene-d12	21.29	240	19437	0.40	ng		0.00
34) Perylene-d12	23.54	264	20884	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2044	0.41	ng		0.00
5) Phenol-d6	6.87	99	2740	0.44	ng		0.00
8) Nitrobenzene-d5	8.87	82	1821	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	4859	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	1781	0.47	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	7745	0.34	ng		0.00
25) Fluoranthene-d10	19.13	212	14147	0.29	ng		0.00
29) Terphenyl-d14	19.72	244	14410	0.36	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.07	152	602	0.021	ng		96
23) Phenanthrene	17.13	178	4080	0.088	ng		99
26) Fluoranthene	19.16	202	7688	0.129	ng		98
28) Pyrene	19.52	202	8094	0.137	ng		97
30) Benzo(a)anthracene	21.27	228	3937	0.062	ng	#	91
31) Chrysene	21.32	228	5113	0.076	ng		94
32) Bis(2-ethylhexyl)phthalate	21.18	149	2076	0.082	ng		98
33) Indeno(1,2,3-cd)pyrene	25.82	276	3128	0.032	ng		96
35) Benzo(b)fluoranthene	22.87	252	6170	0.082	ng	#	64
36) Benzo(k)fluoranthene	22.87	252	6170	0.083	ng	#	65
37) Benzo(a)pyrene	23.44	252	4282	0.062	ng	#	71
39) Benzo(g,h,i)perylene	26.52	276	3245	0.040	ng	#	84

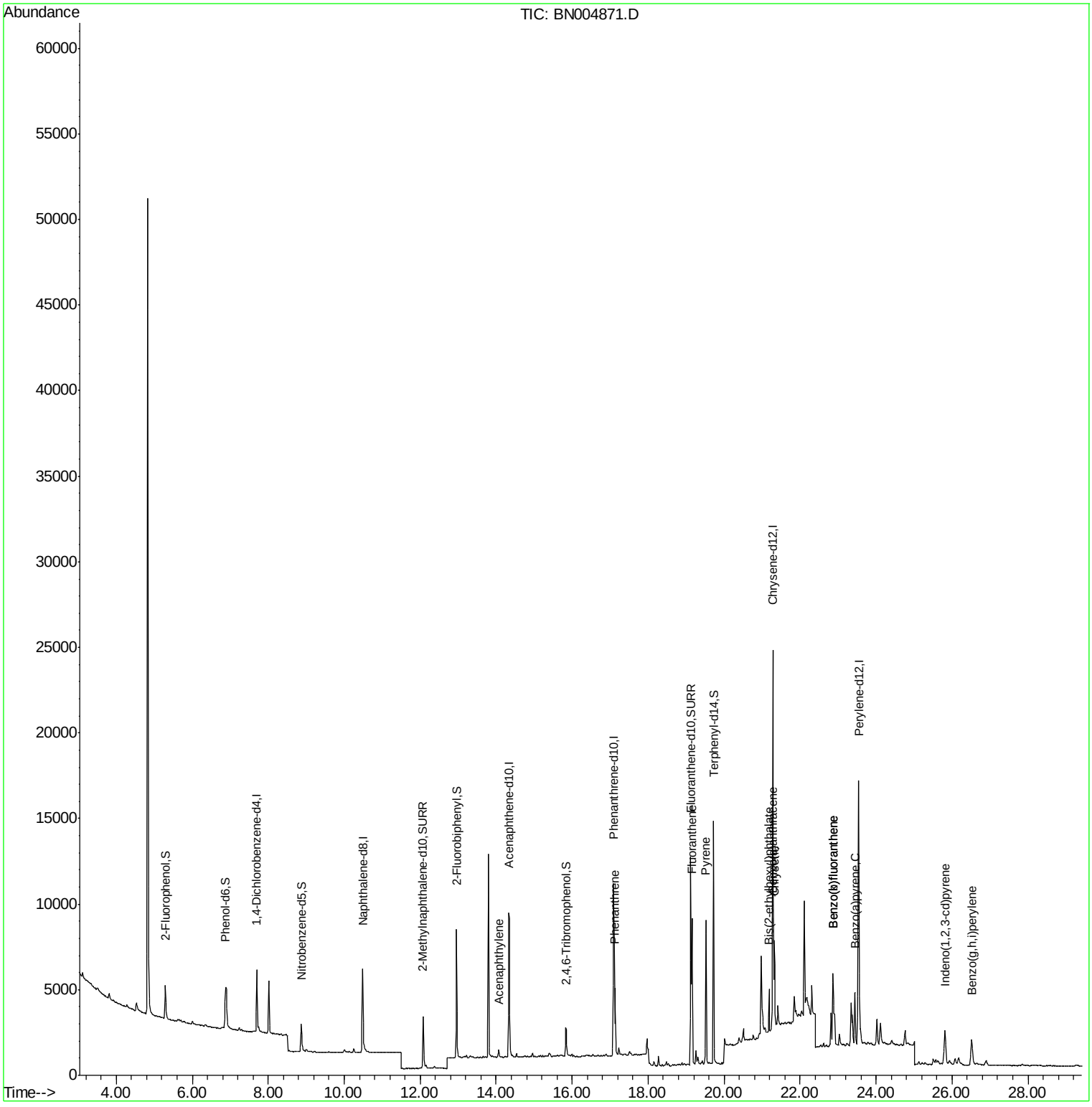
(#) = qualifier out of range (m) = manual integration (+) = signals summed

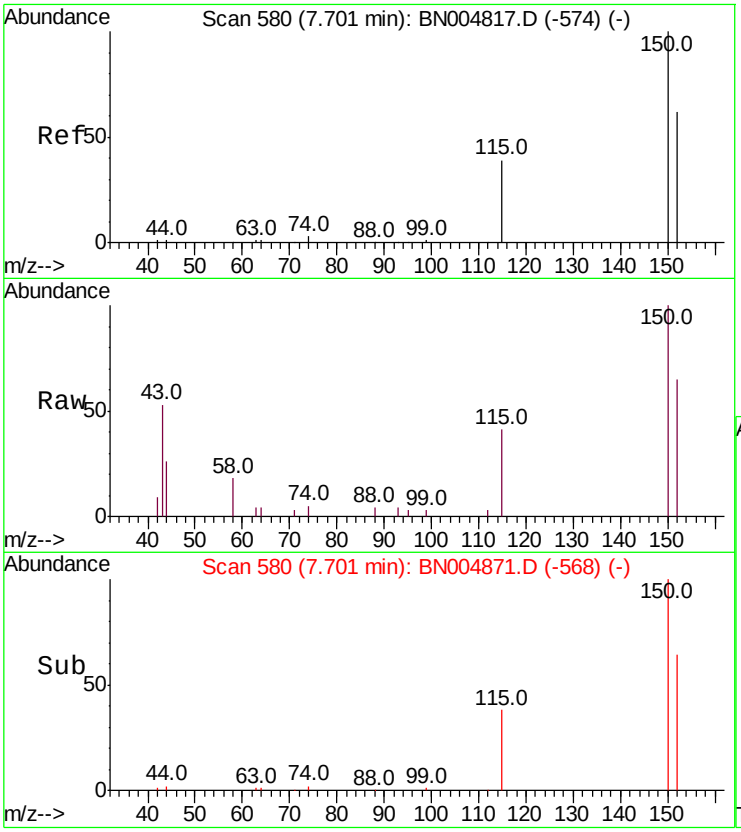
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004871.D
Acq On : 22 Mar 2019 03:38
Operator : JU/SJ
Sample : K2013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Quant Time: Mar 22 04:52:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



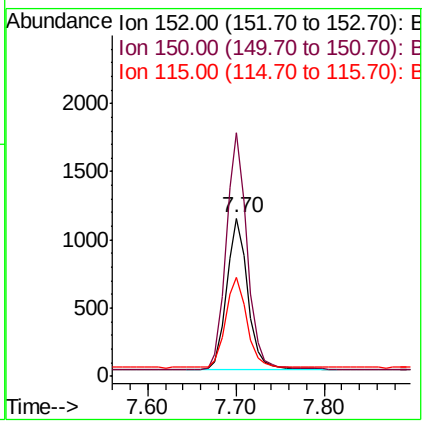


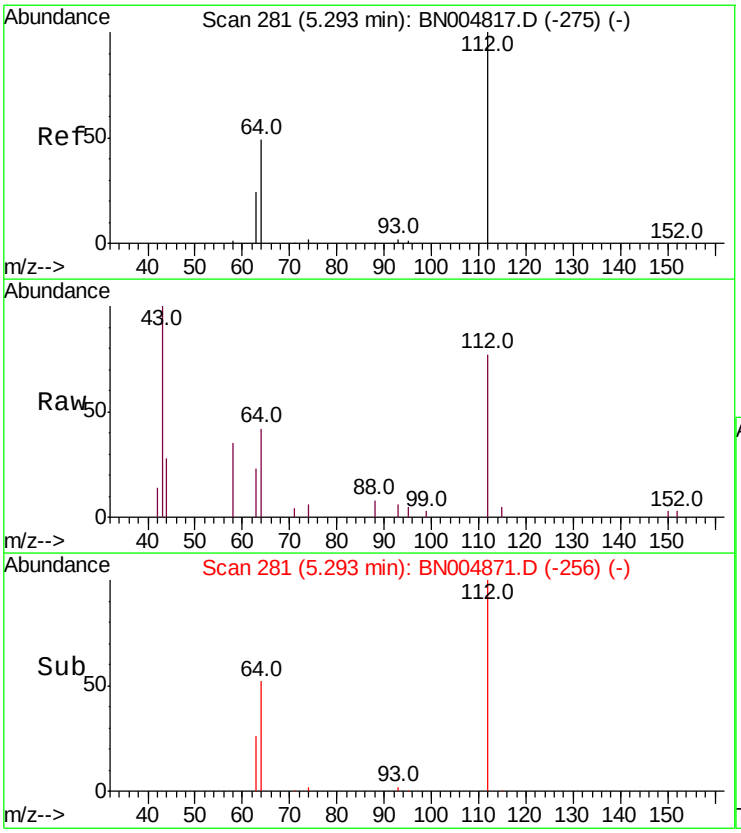
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:152 Resp: 1854

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.4
115	62.5	52.6	79.0

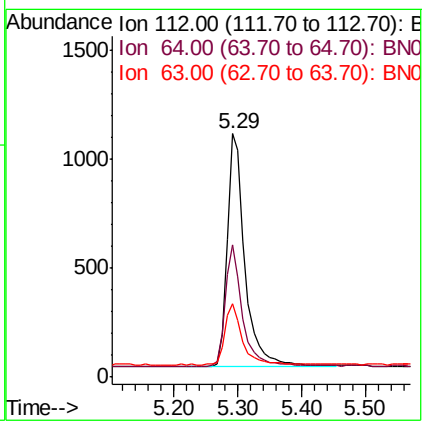


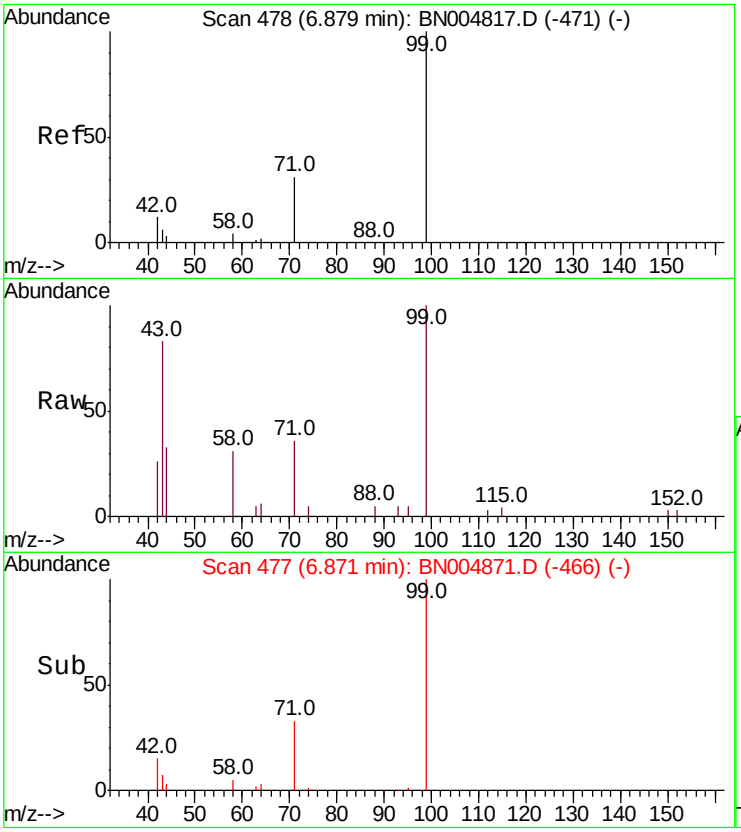


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:112 Resp: 2044

Ion	Ratio	Lower	Upper
112	100		
64	51.1	40.0	60.0
63	25.4	20.2	30.2



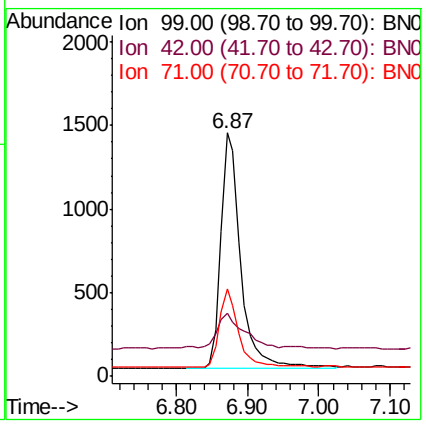


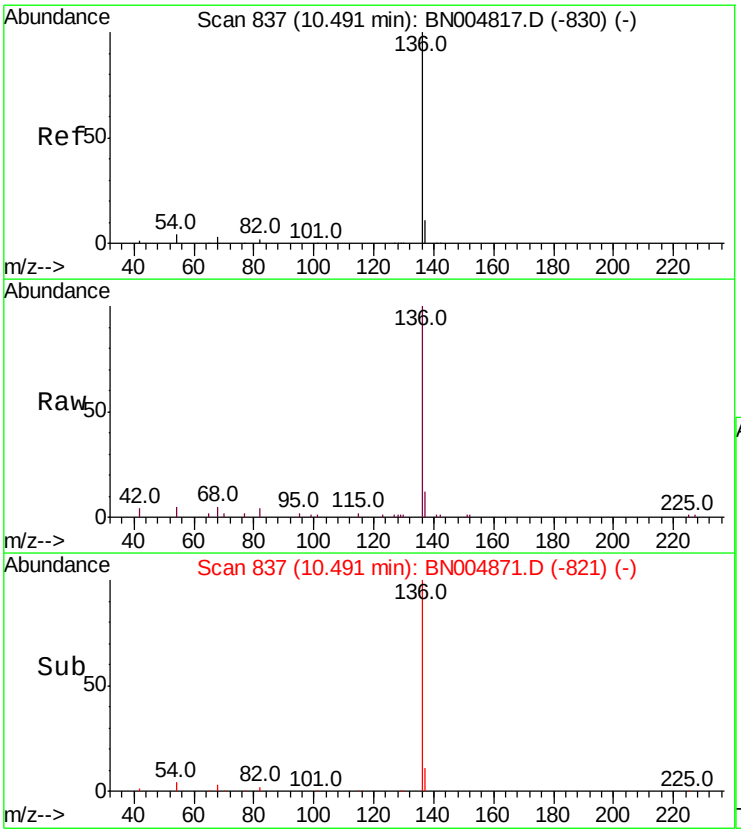
#5
Phenol-d6
Concen: 0.437 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion: 99 Resp: 2740

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.7	19.1
71	32.0	26.6	40.0

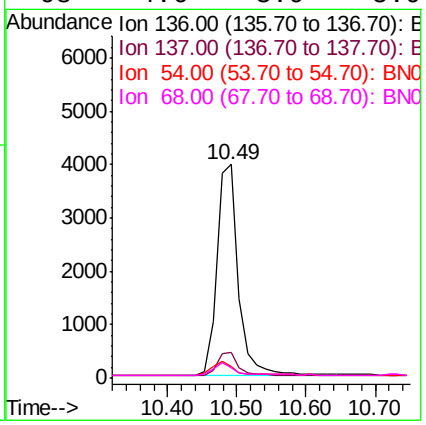


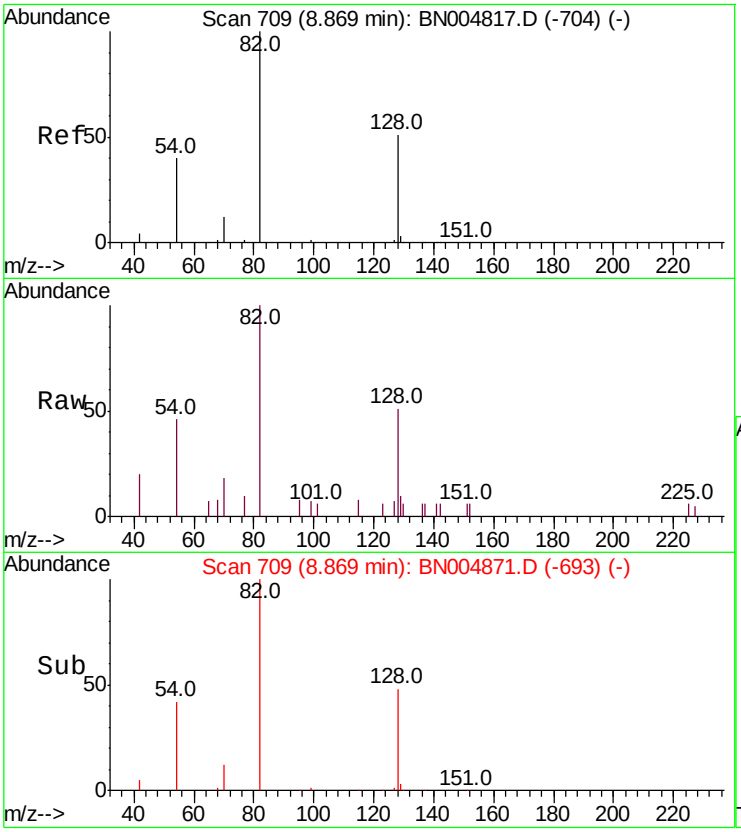


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:136 Resp: 8573

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	5.2	4.2	6.2
68	4.6	3.9	5.9



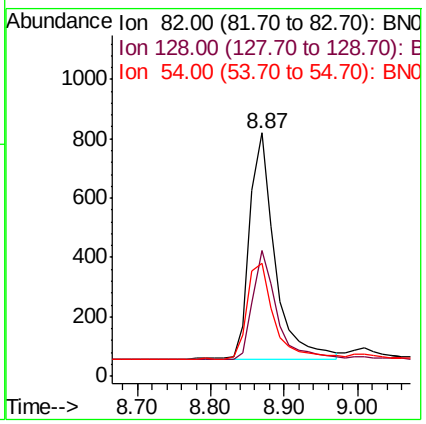


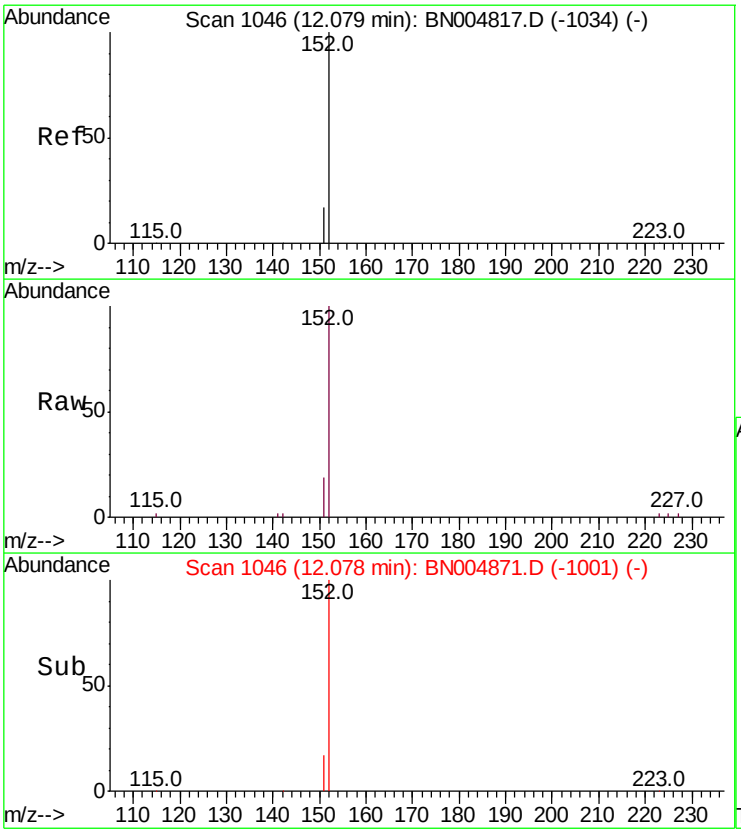
#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion: 82 Resp: 1821

Ion	Ratio	Lower	Upper
82	100		
128	51.5	43.0	64.6
54	46.3	35.3	52.9

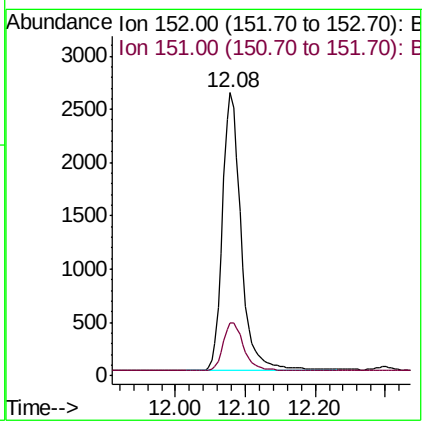


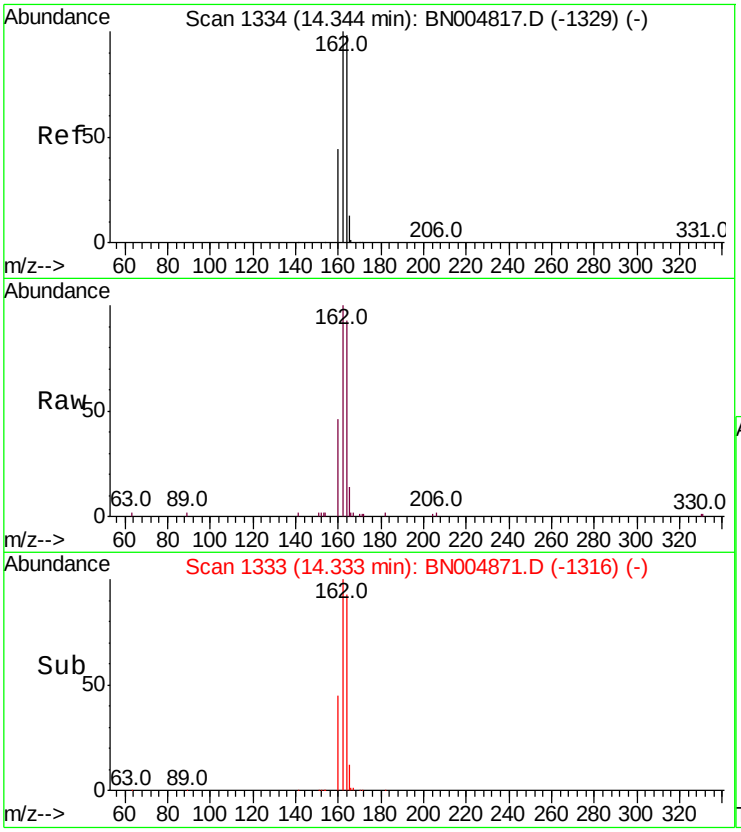


#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:152 Resp: 4859

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3



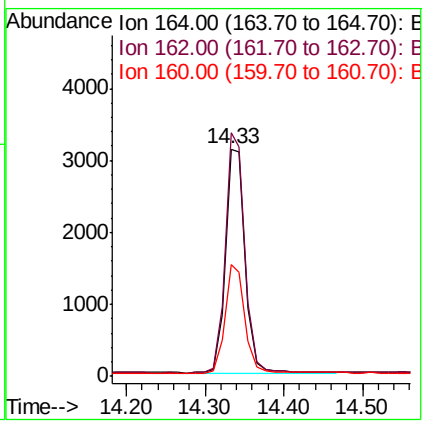


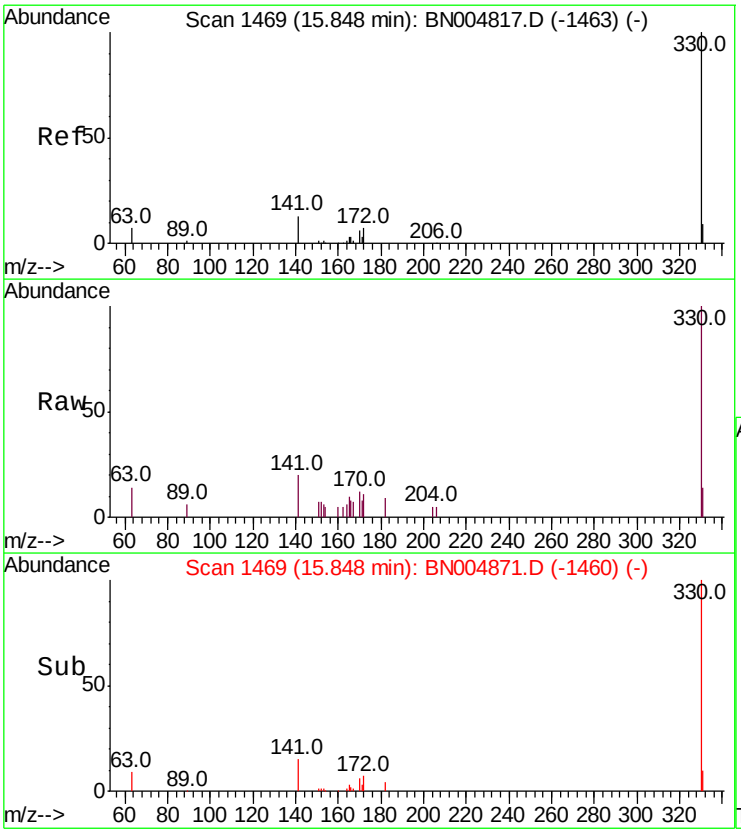
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:164 Resp: 5490

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.9	122.9
160	49.0	36.6	54.8

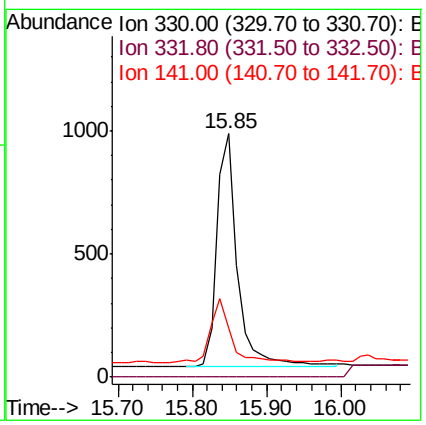


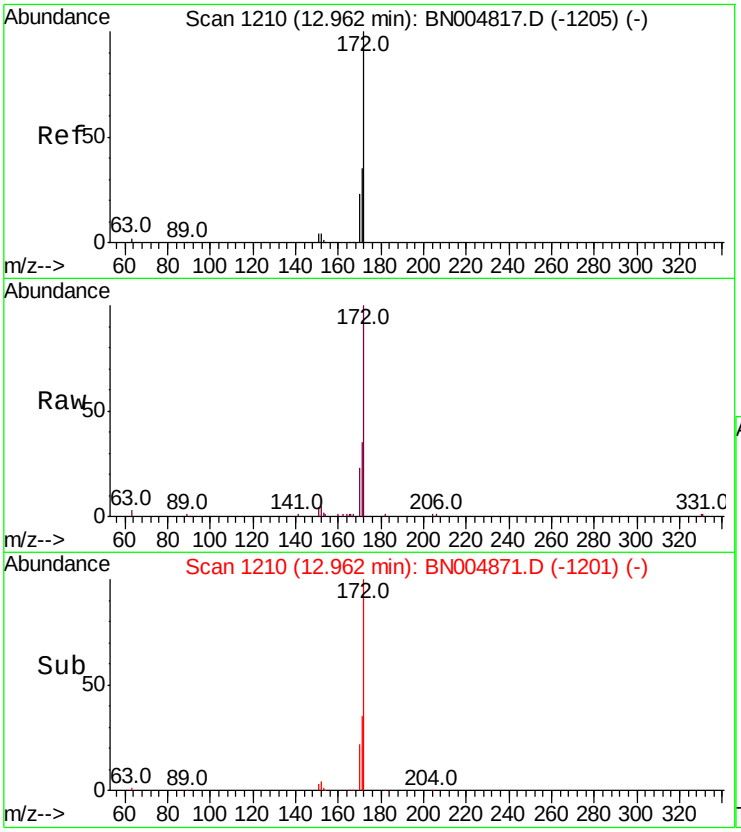


#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:330 Resp: 1781

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	20.9	31.3



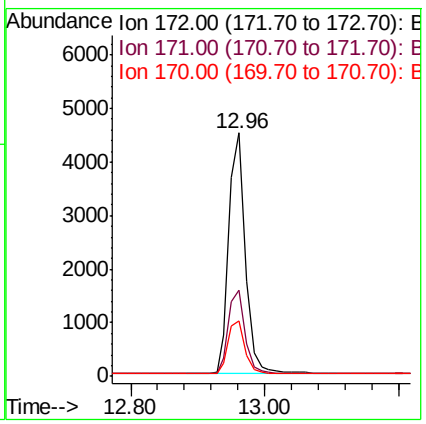


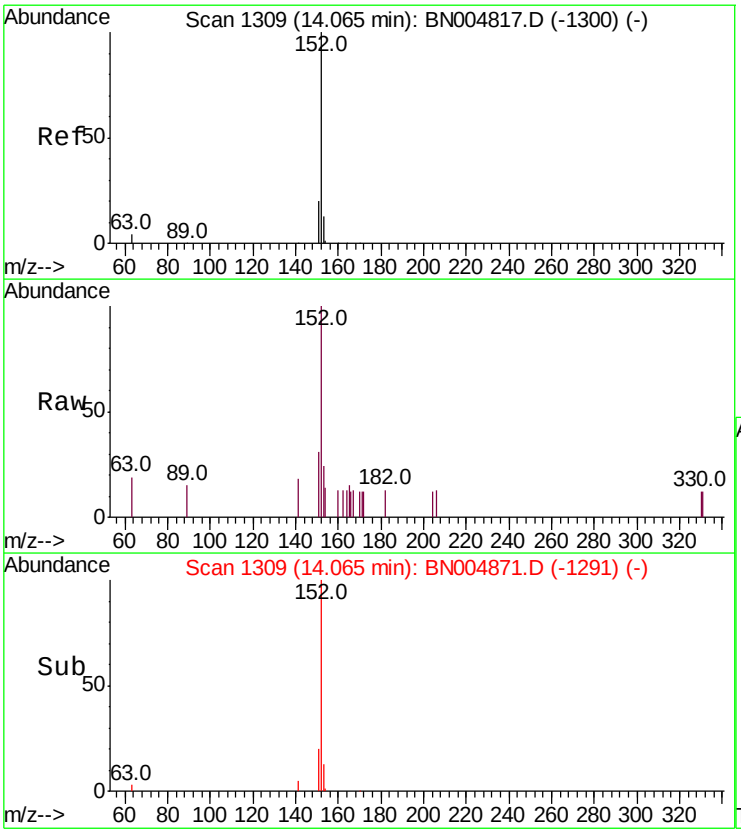
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:172 Resp: 7745

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.0	18.7	28.1

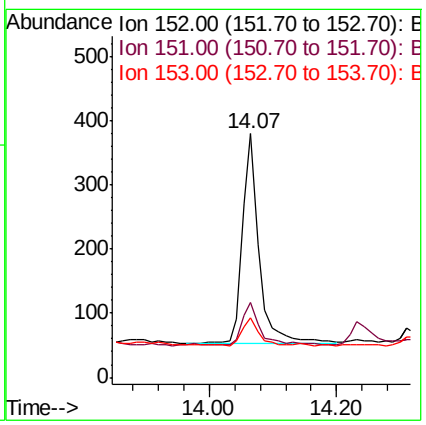


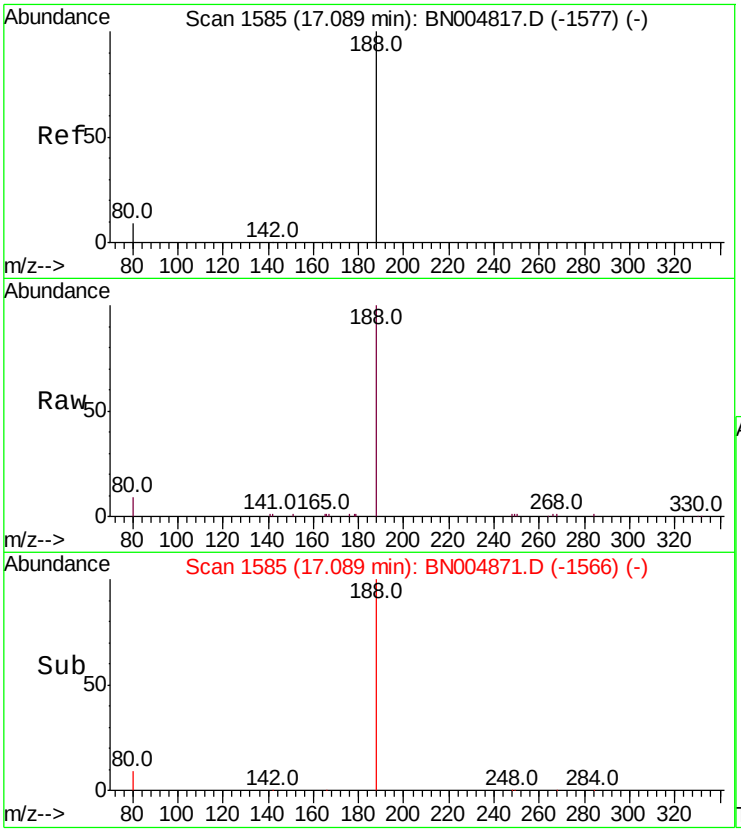


#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:152 Resp: 602

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	12.3	10.5	15.7



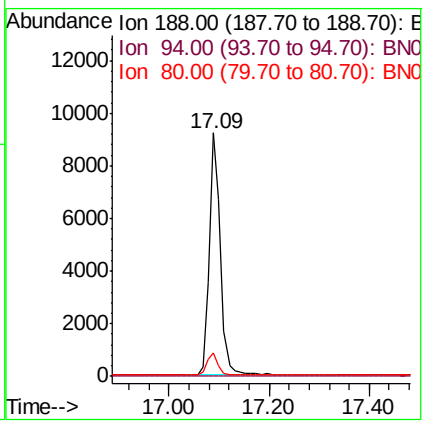


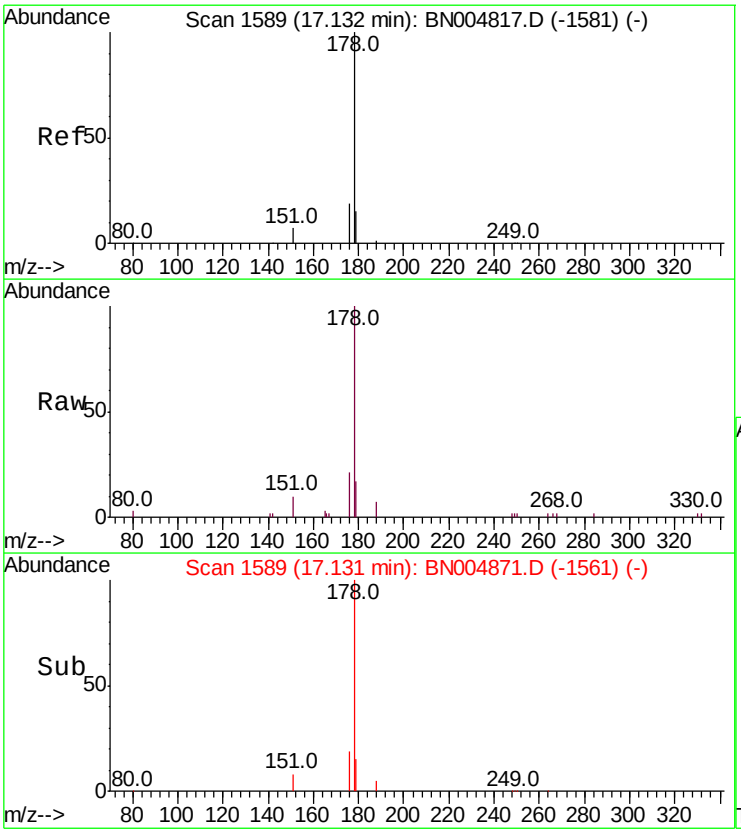
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:188 Resp: 14340

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

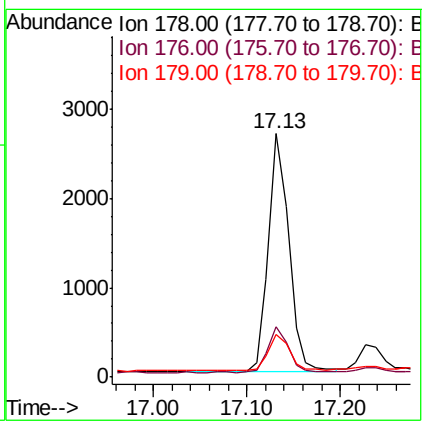


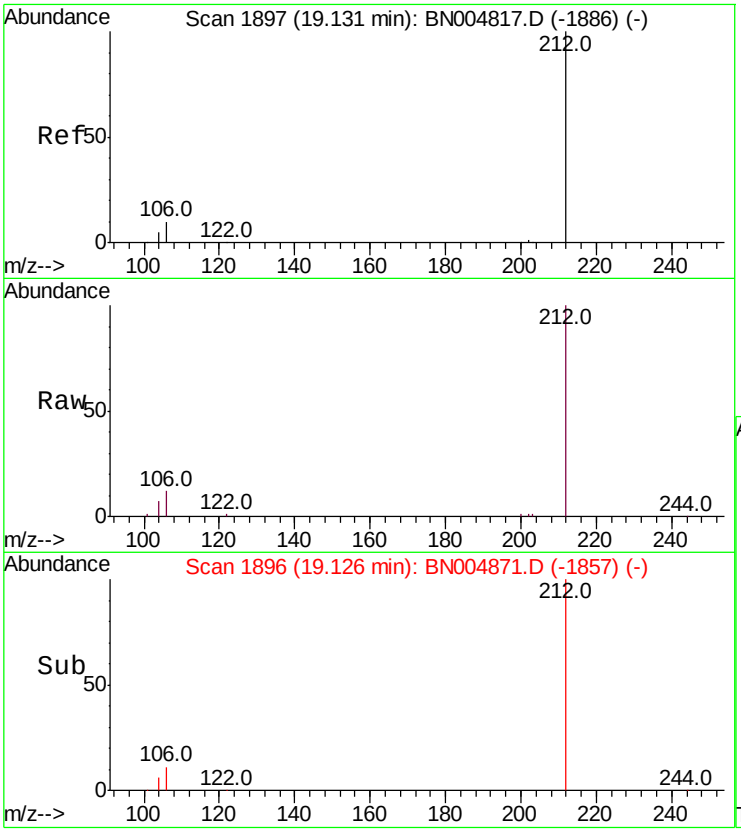


#23
Phenanthrene
Concen: 0.088 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:178 Resp: 4080

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.2	12.1	18.1



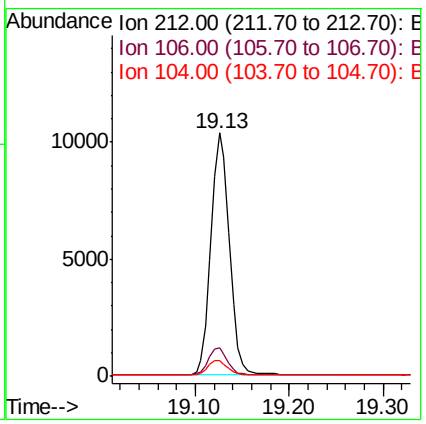


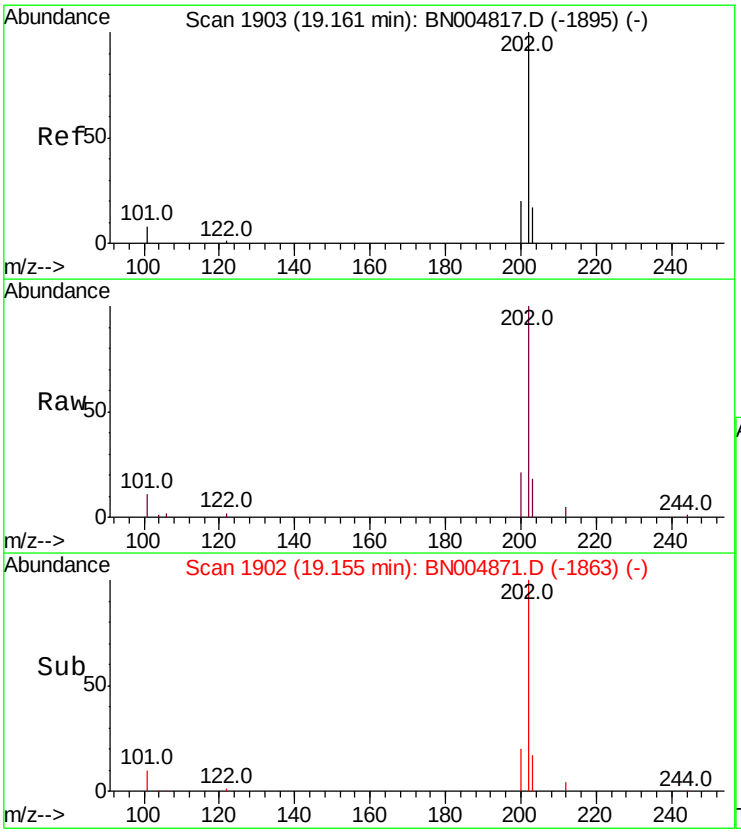
#25
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:212 Resp: 14147

Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.6	13.0
104	6.2	4.7	7.1

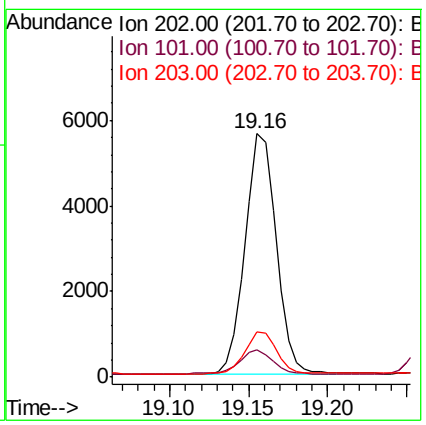


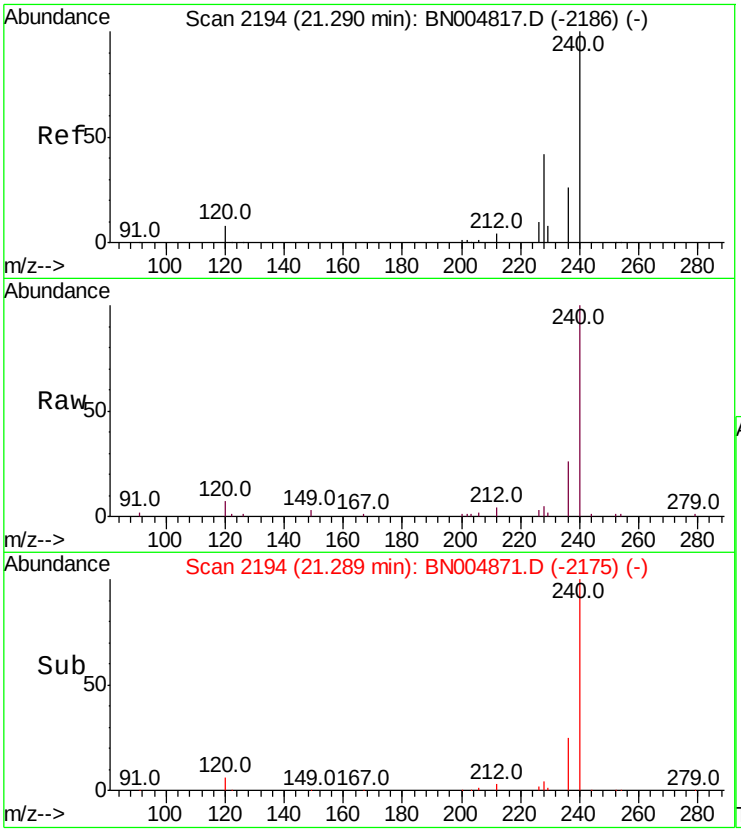


#26
Fluoranthene
Concen: 0.129 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:202 Resp: 7688

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
203	17.5	13.8	20.6



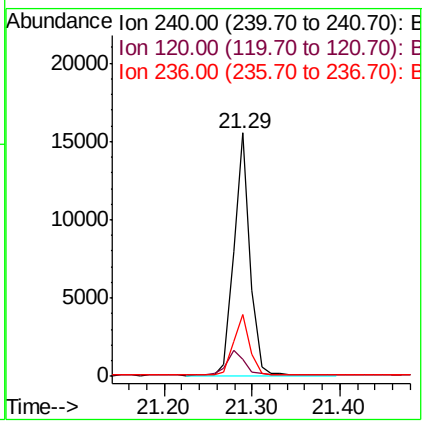


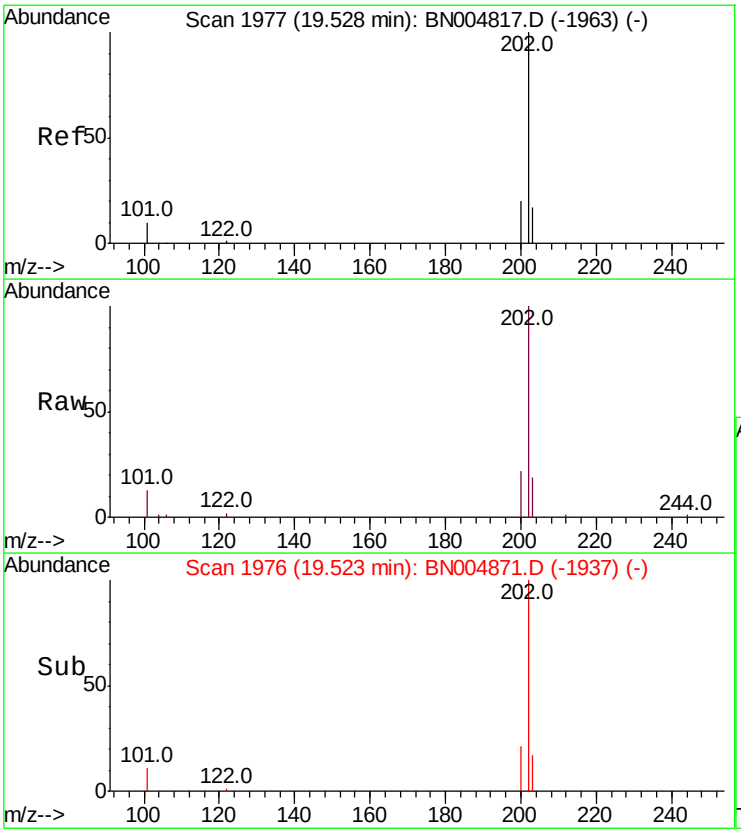
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:240 Resp: 19437

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.2	10.8#
236	25.5	20.9	31.3

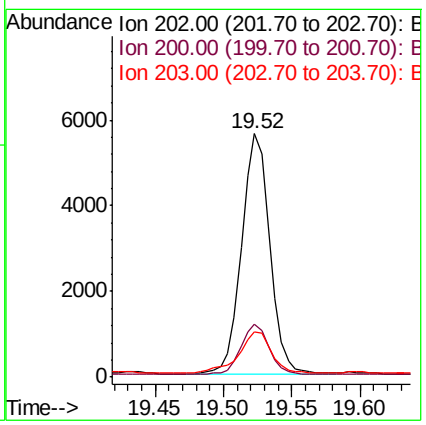


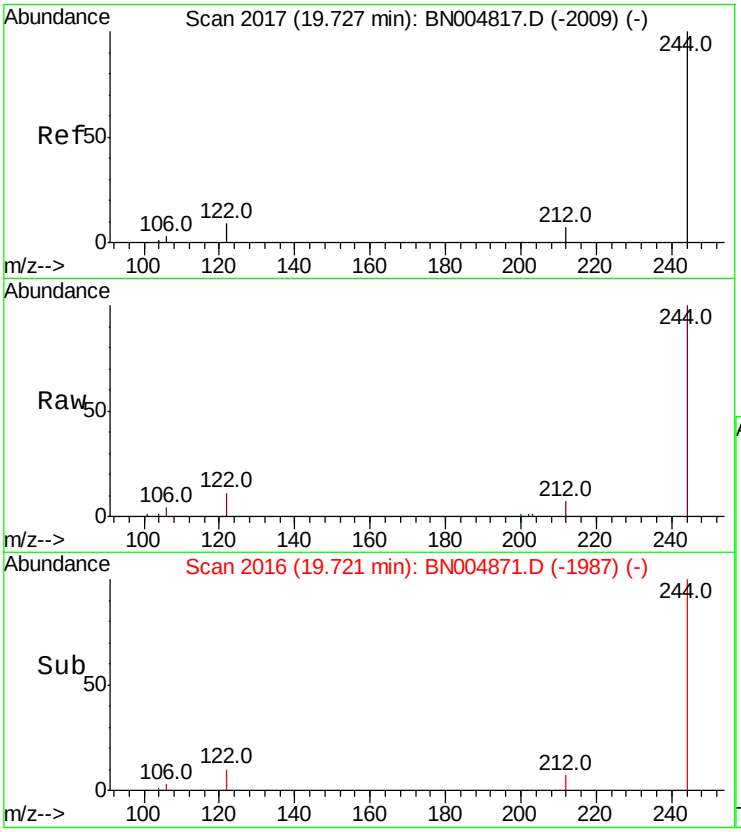


#28
Pyrene
Concen: 0.137 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:202 Resp: 8094

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.0	14.0	21.0



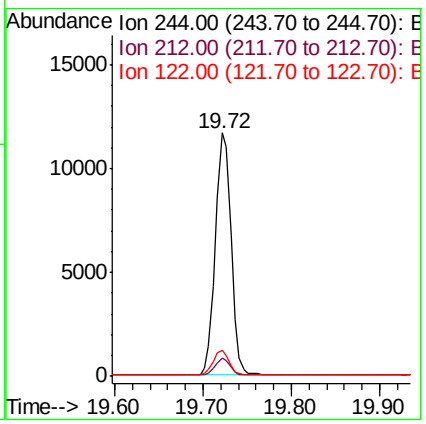


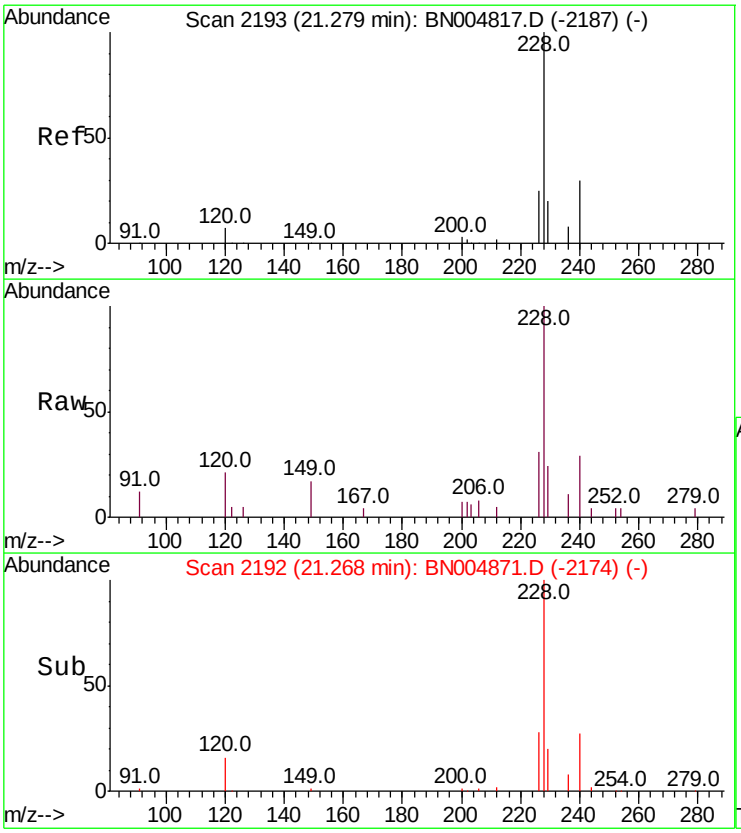
#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:244 Resp: 14410

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.5	7.9	11.9

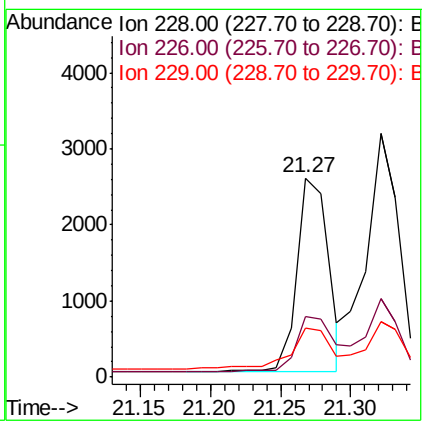


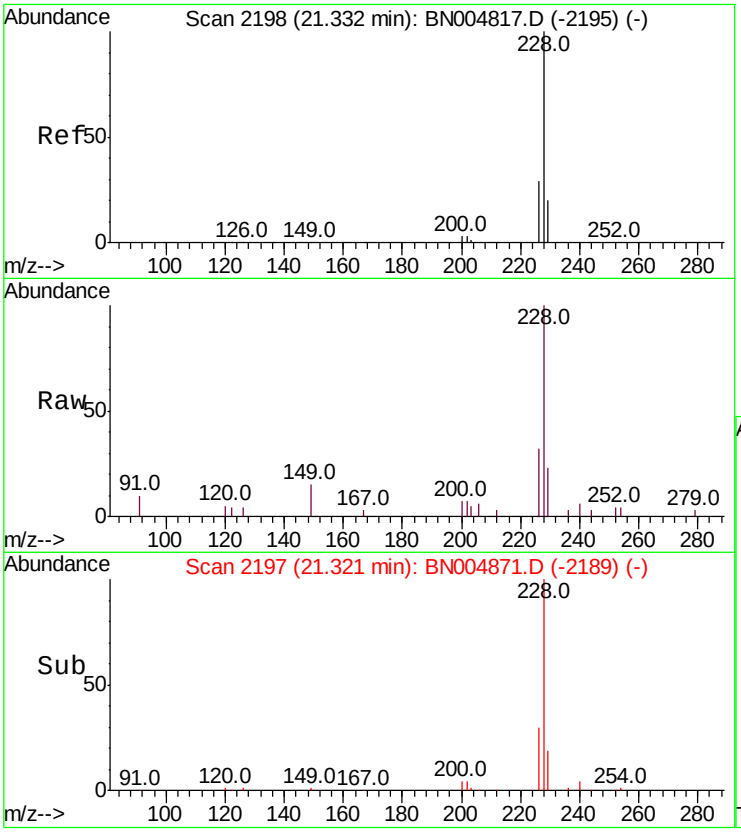


#30
Benzo(a)anthracene
Concen: 0.062 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:228 Resp: 3937

Ion	Ratio	Lower	Upper
228	100		
226	30.7	20.6	31.0
229	24.4	16.2	24.4#



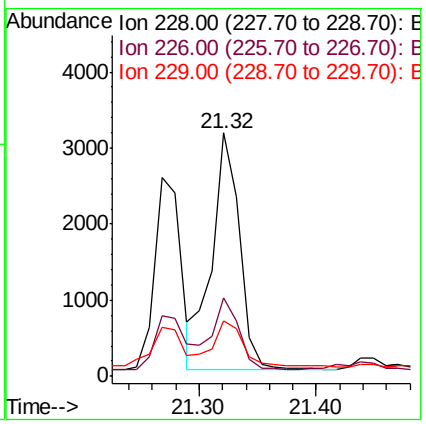


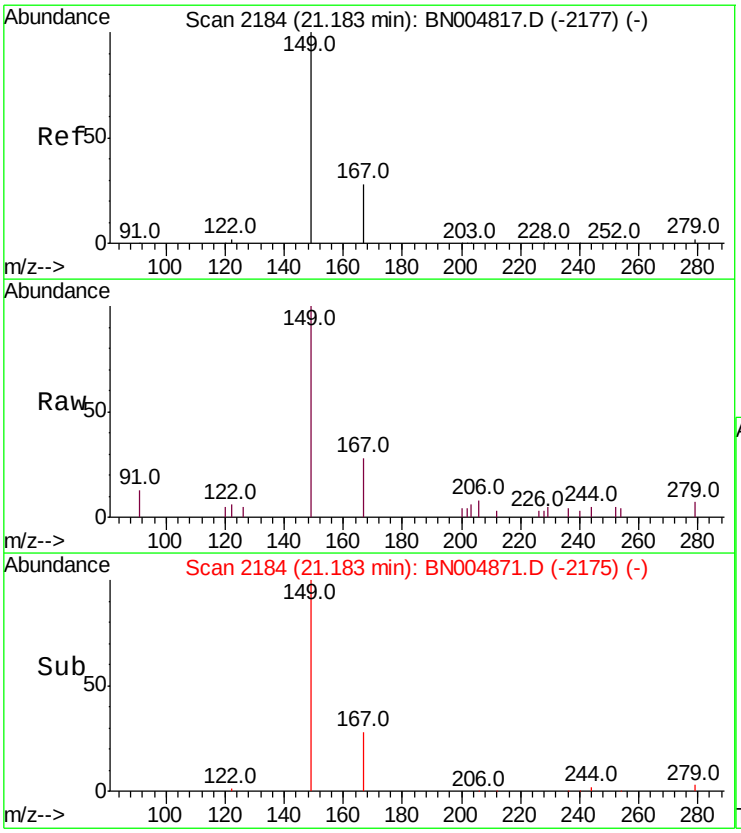
#31
Chrysene
Concen: 0.076 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:228 Resp: 5113

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.0	34.6
229	22.8	16.2	24.2

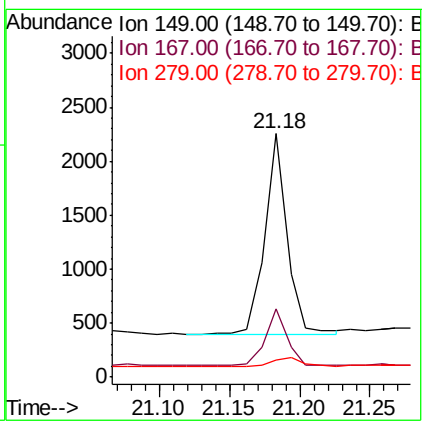


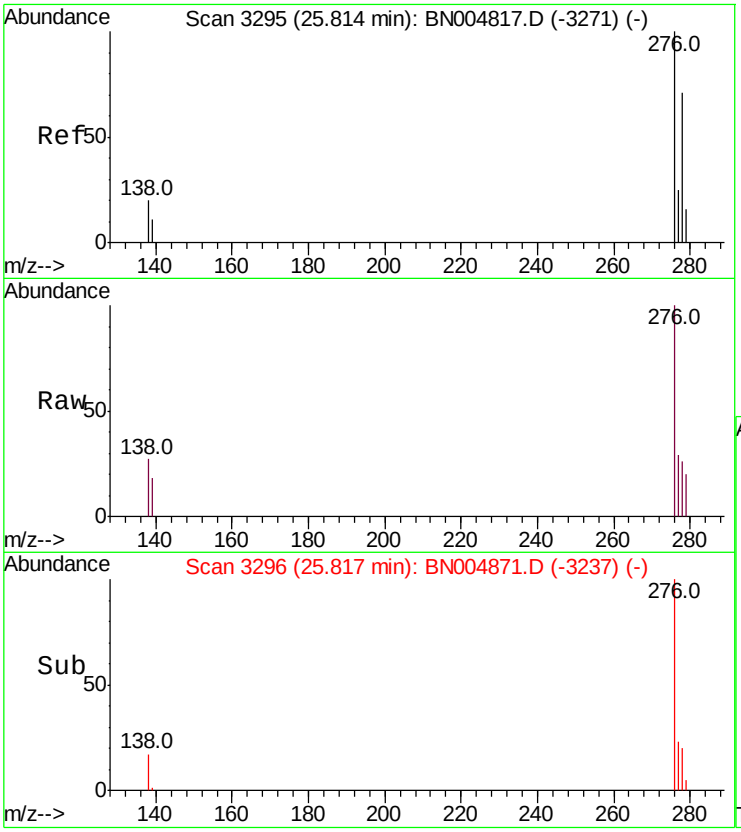


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:149 Resp: 2076

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	6.4	4.6	6.8



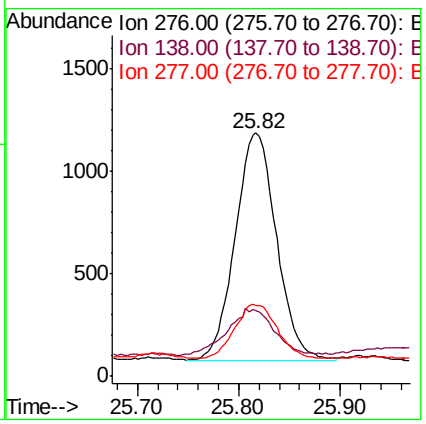


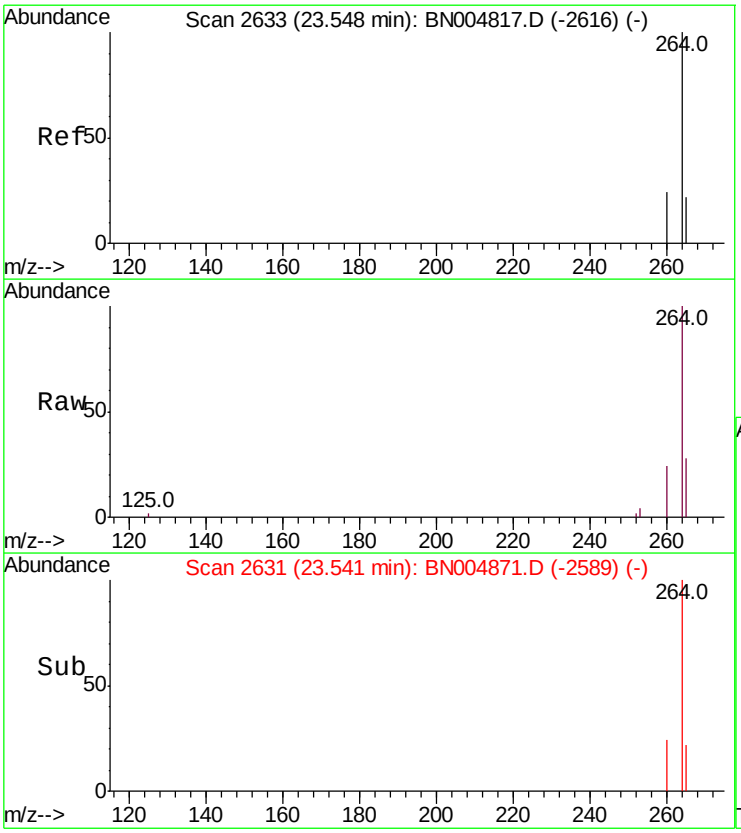
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.82 min Scan# 3296
Delta R.T. 0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:276 Resp: 3128

Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.6	24.8
277	24.1	20.3	30.5

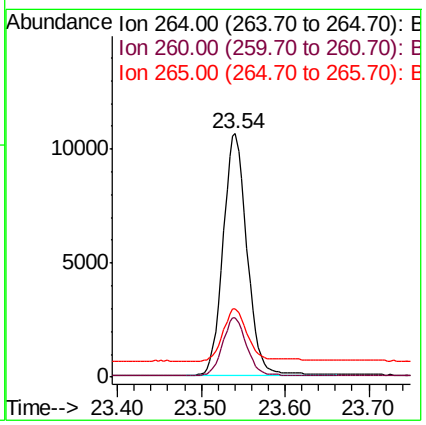


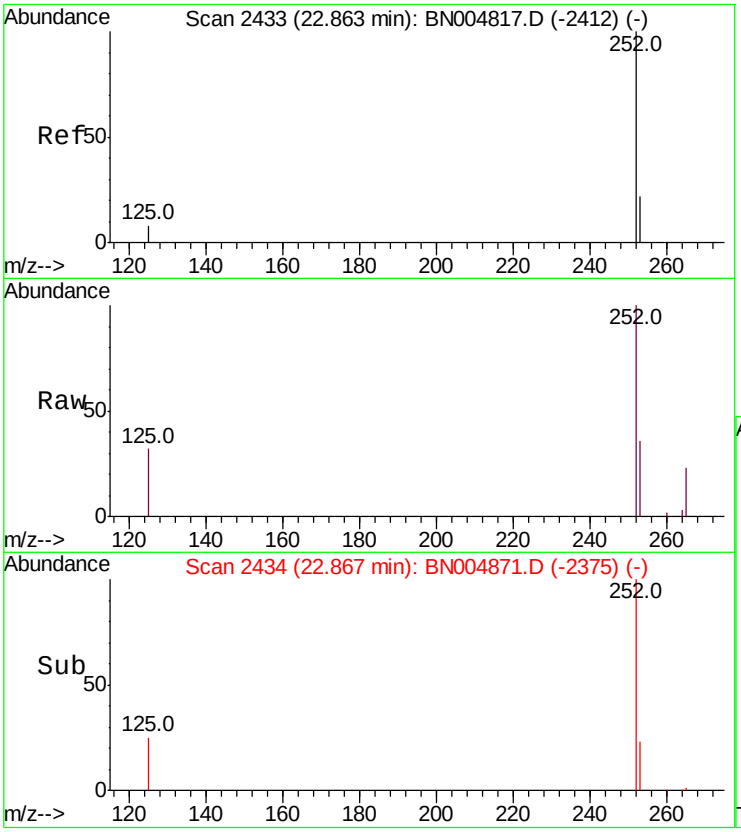


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:264 Resp: 20884

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	28.1	23.1	34.7



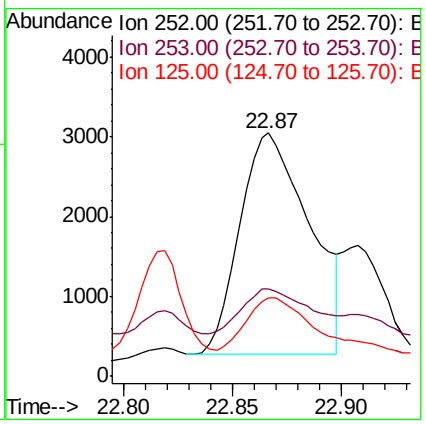


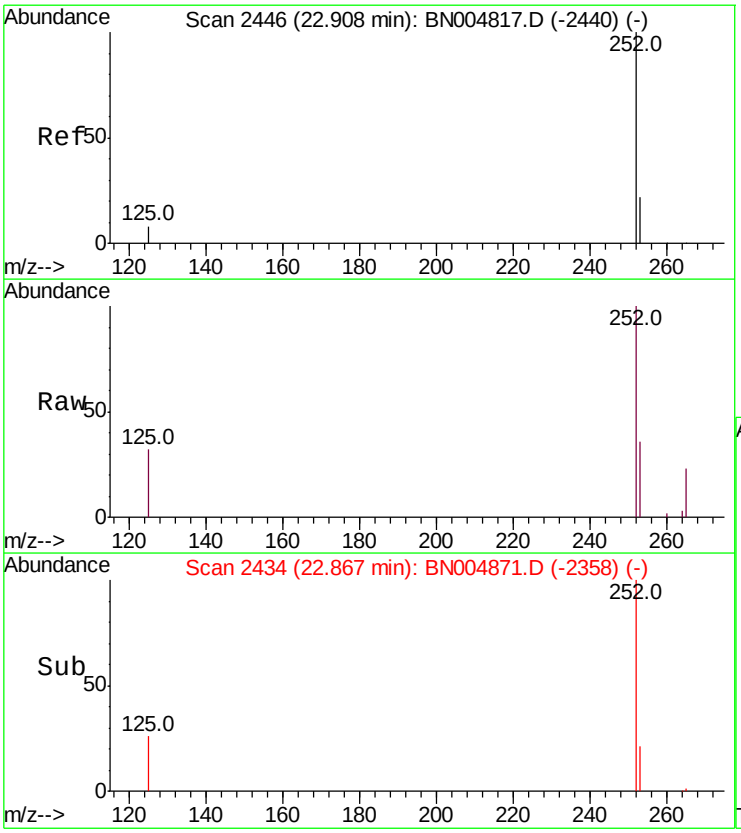
#35
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:252 Resp: 6170

Ion	Ratio	Lower	Upper
252	100		
253	35.8	19.0	28.4#
125	32.3	7.4	11.2#

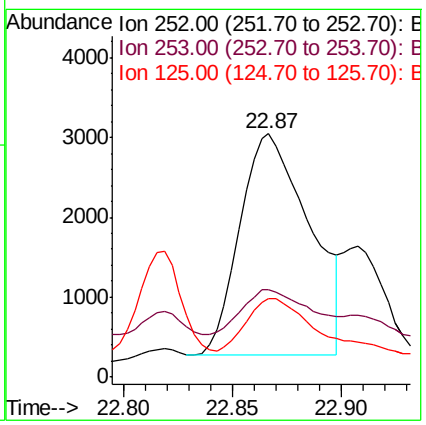


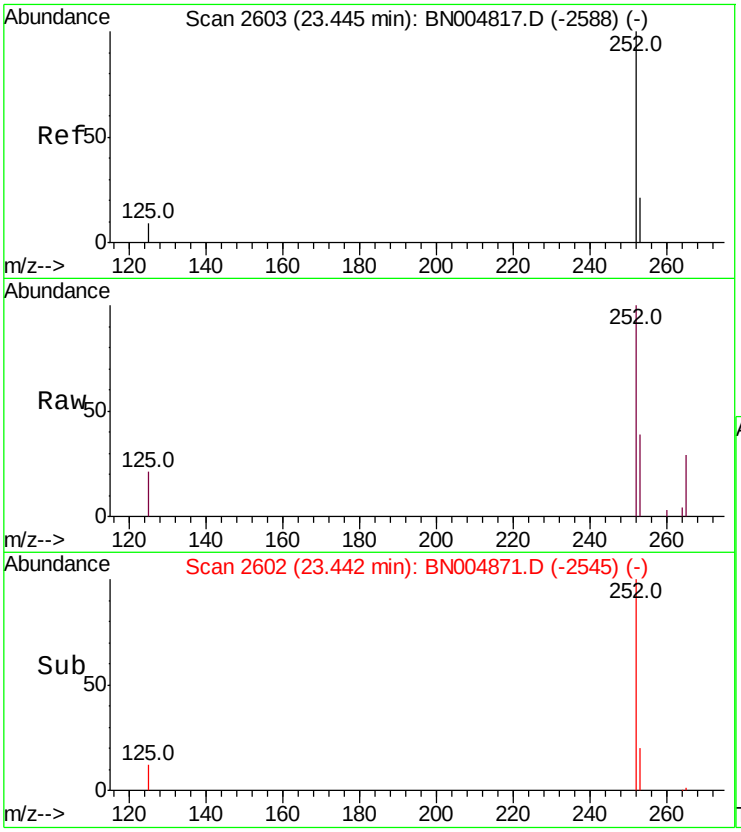


#36
Benzo(k)fluoranthene
Concen: 0.083 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:252 Resp: 6170

Ion	Ratio	Lower	Upper
252	100		
253	35.8	19.3	28.9#
125	32.3	7.4	11.0#



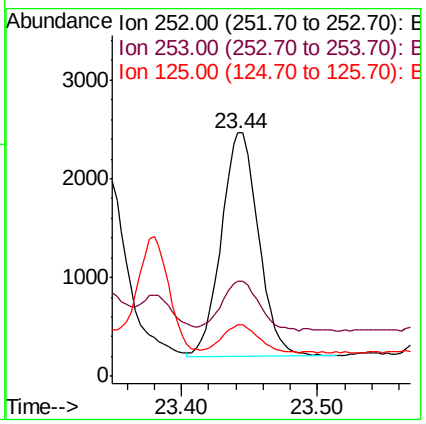


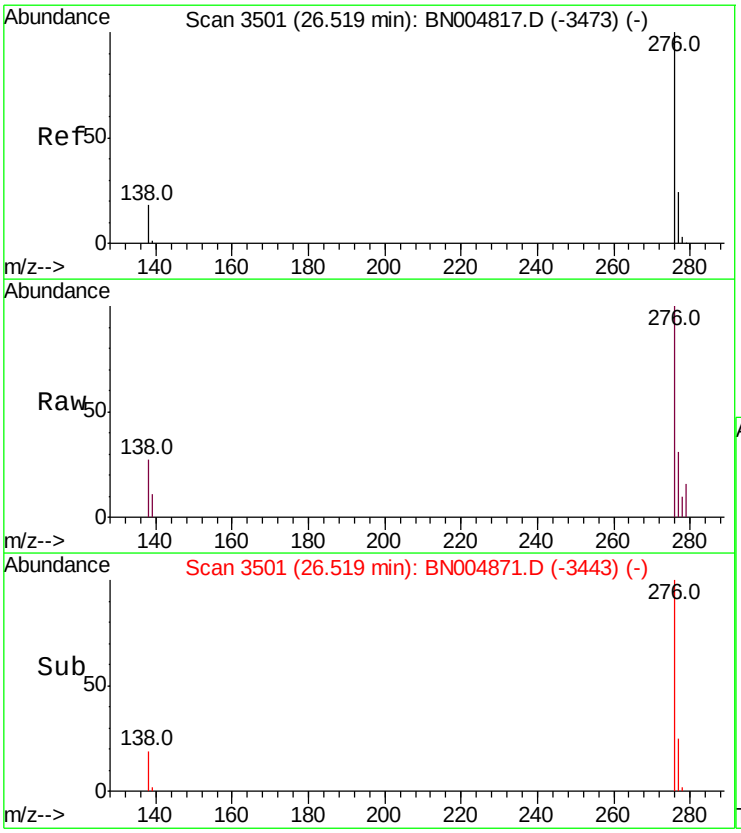
#37
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tgt Ion:252 Resp: 4282

Ion	Ratio	Lower	Upper
252	100		
253	39.2	19.7	29.5#
125	21.4	8.3	12.5#





#39
Benzo(g,h,i)perylene
Concen: 0.040 ng
RT: 26.52 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:276 Resp: 3245

Ion	Ratio	Lower	Upper
276	100		
277	31.1	19.7	29.5#
138	26.8	14.6	22.0#