Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019194.D
Acq On : 28 Mar 2022 13:29
Operator : CG/JU
Sample : N1870-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Quant Time: Mar 28 18:07:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3714	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9363	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5194	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	10628	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8138	0.400	ng	0.00
35) Perylene-d12	23.782	264	7858	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1360462	155.071	ng	0.00
5) Phenol-d6	7.002	99	1757670	174.962	ng	0.00
8) Nitrobenzene-d5	8.993	82	935007	128.852	ng	0.00
11) 2-Methylnaphthalene-d10	12.201	152	2	0.000	ng	-0.04
14) 2,4,6-Tribromophenol	15.974	330	479518	189.930	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	2030612	93.038	ng	0.00
27) Fluoranthene-d10	19.261	212	24	0.001	ng	0.00
31) Terphenyl-d14	19.856	244	1648893	90.756	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.543	42	517131	93.578	ng	# 99
9) Naphthalene	10.690	128	1532	0.058	ng	# 87
10) Hexachlorobutadiene	10.989	225	1554	0.263	ng	# 100
12) 2-Methylnaphthalene	12.310	142	2013998	116.220	ng	99
16) Acenaphthylene	14.196	152	1038404	43.791	ng	100
17) Acenaphthene	14.538	154	609860	36.308	ng	99
18) Fluorene	15.532	166	1126661	52.714	ng	98
21) 4-Bromophenyl-phenylether	16.415	248	1000142	144.808	ng	# 86
24) Pentachlorophenol	16.897	266	94	0.032	ng	92
25) Phenanthrene	17.267	178	4032079	118.268	ng	99
28) Fluoranthene	19.291	202	2721941	70.653	ng	99
30) Pyrene	19.653	202	4156428	108.084	ng	99
32) Benzo(a)anthracene	21.404	228	4914985	188.069	ng	98
33) Chrysene	21.449	228	1100576	32.837	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	1026	0.064	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.258	276	3852890	122.649	ng	# 93
37) Benzo(b)fluoranthene	23.074	252	5324085	178.413	ng	# 95
38) Benzo(k)fluoranthene	23.115	252	1023618	27.031	ng	96
39) Benzo(a)pyrene	23.834	252	26817	1.049	ng	95
40) Dibenzo(a,h)anthracene	26.264	278	1774572	75.005	ng	95
41) Benzo(g,h,i)perylene	27.007	276	3225013	99.738	ng	96

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

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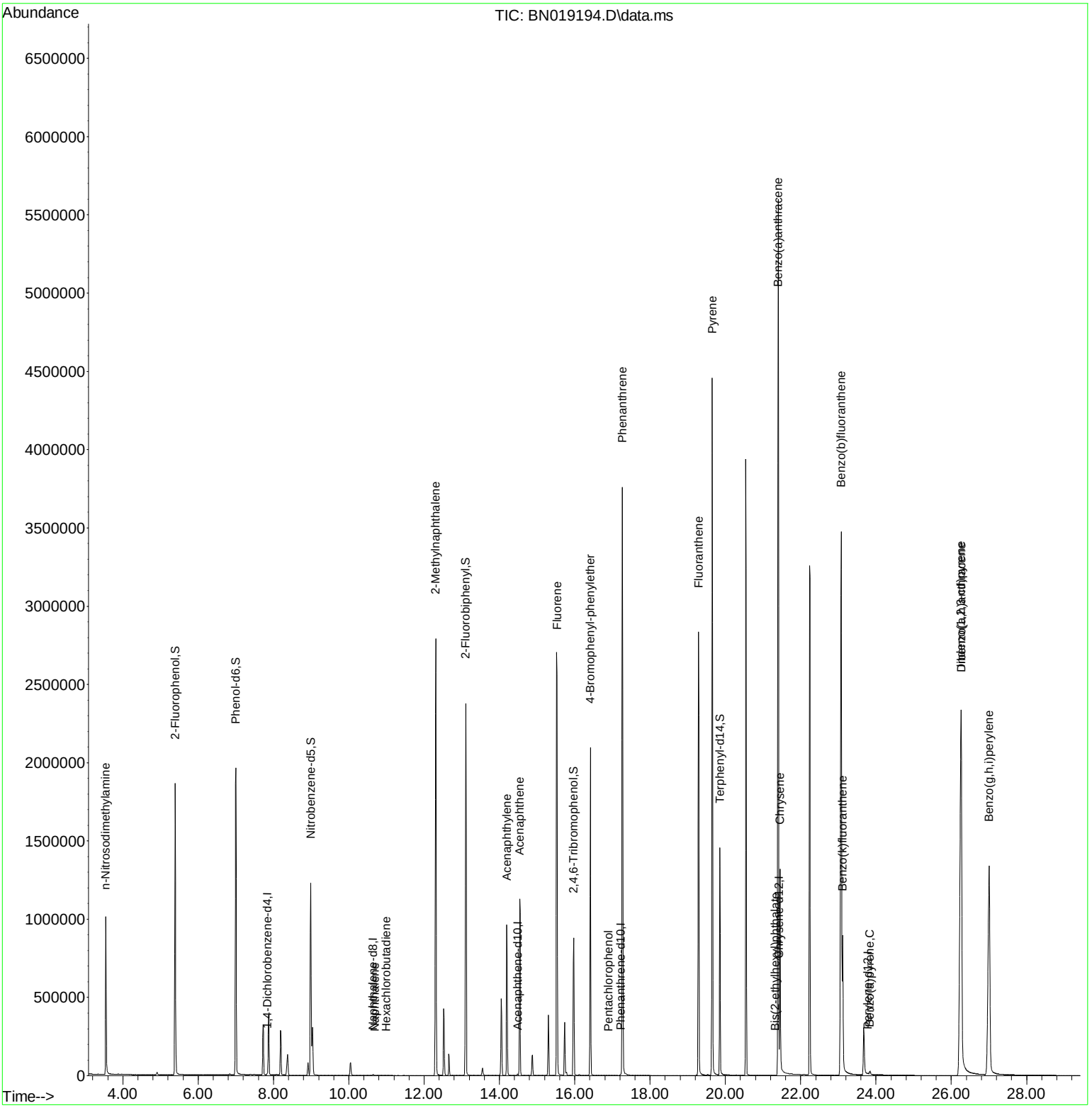
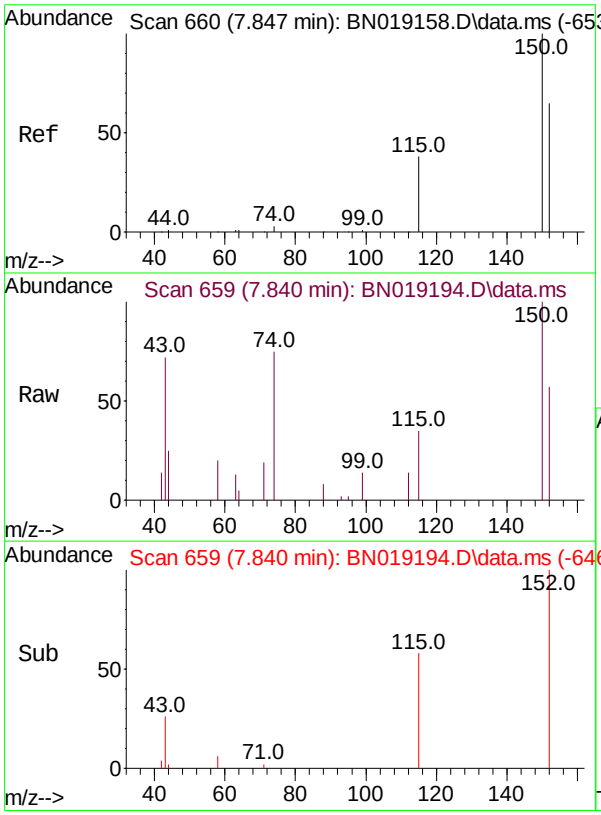


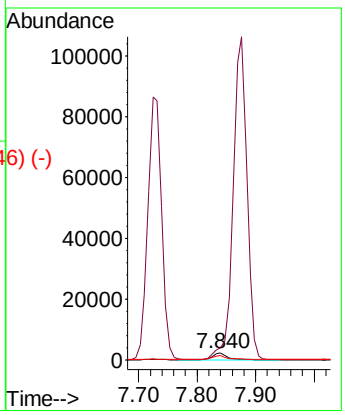


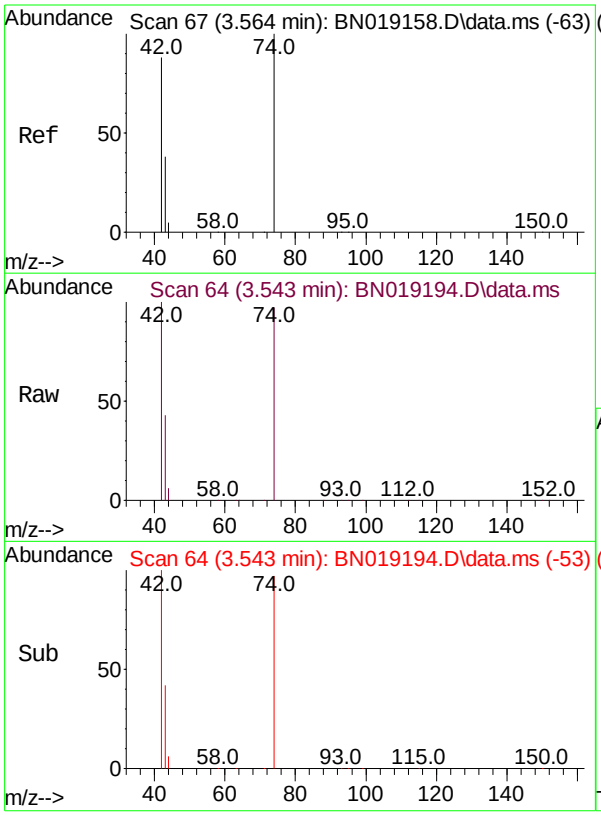
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 3714

Ion	Ratio	Lower	Upper
152	100		
150	174.0	123.9	185.9
115	60.8	48.2	72.4

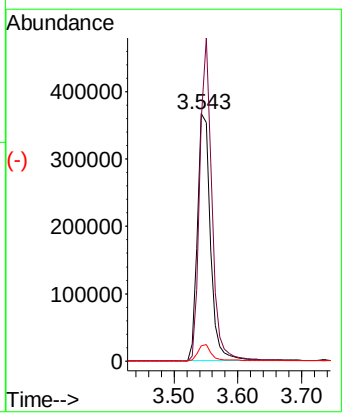


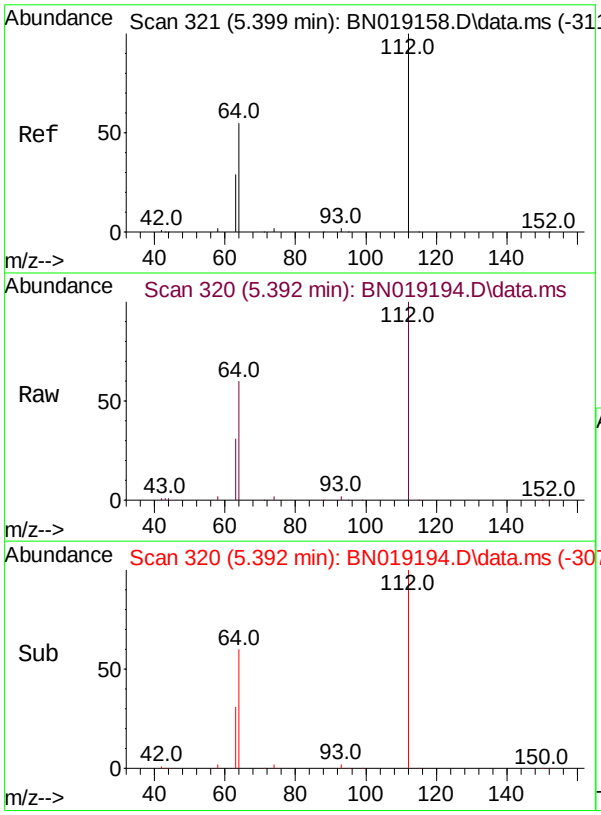


#3
n-Nitrosodimethylamine
Concen: 93.578 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion: 42 Resp: 517131

Ion	Ratio	Lower	Upper
42	100		
74	121.1	96.9	145.3
44	6.3	7.3	10.9#



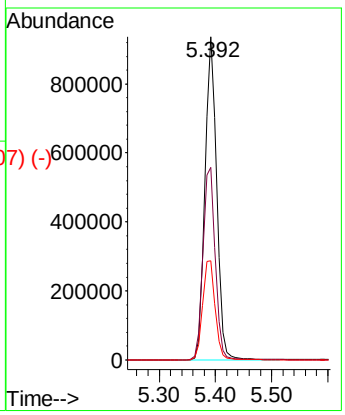


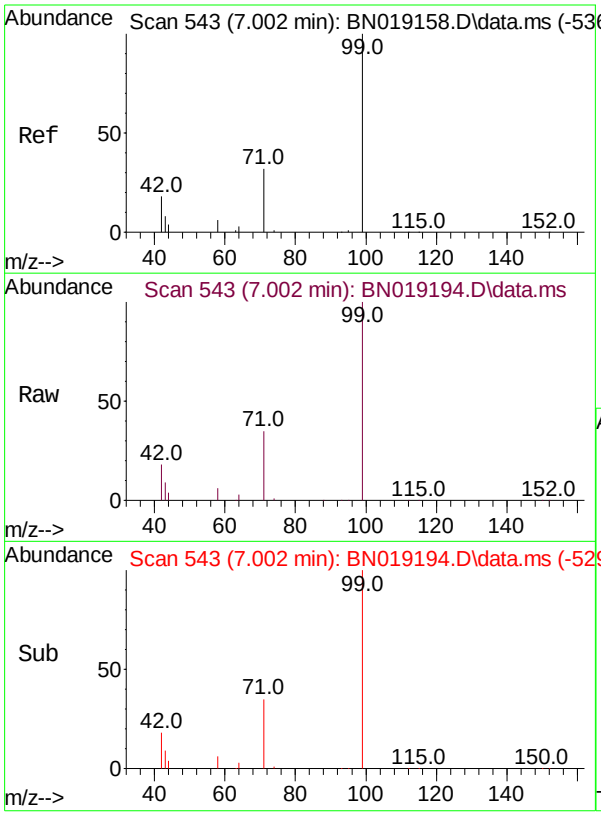
#4
2-Fluorophenol
Concen: 155.071 ng
RT: 5.392 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:112 Resp: 1360462

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.8	71.8
63	32.8	25.7	38.5

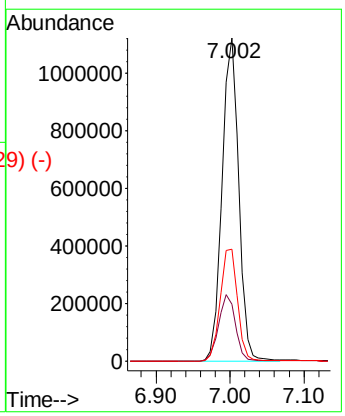


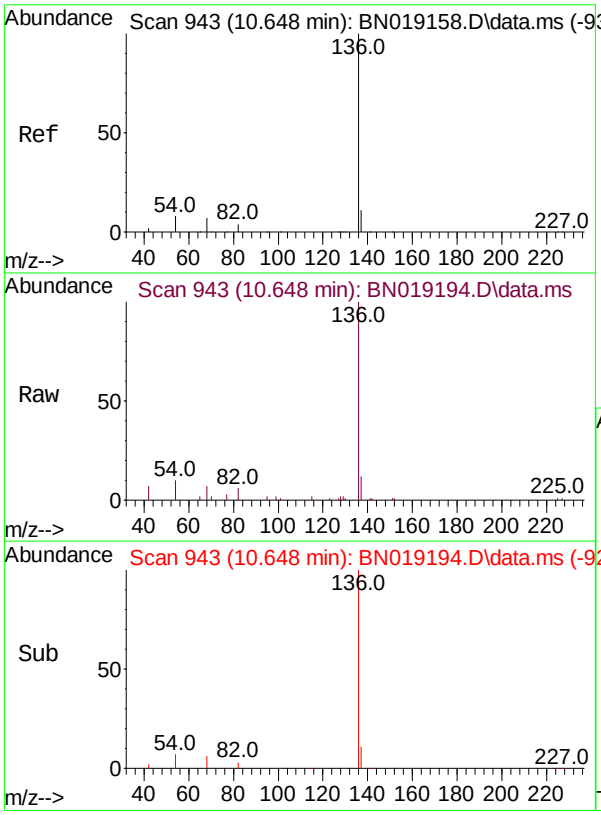


#5
Phenol-d6
Concen: 174.962 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion: 99 Resp: 1757670

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.2	24.4
71	36.1	27.7	41.5



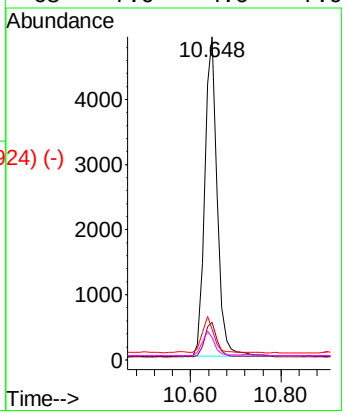


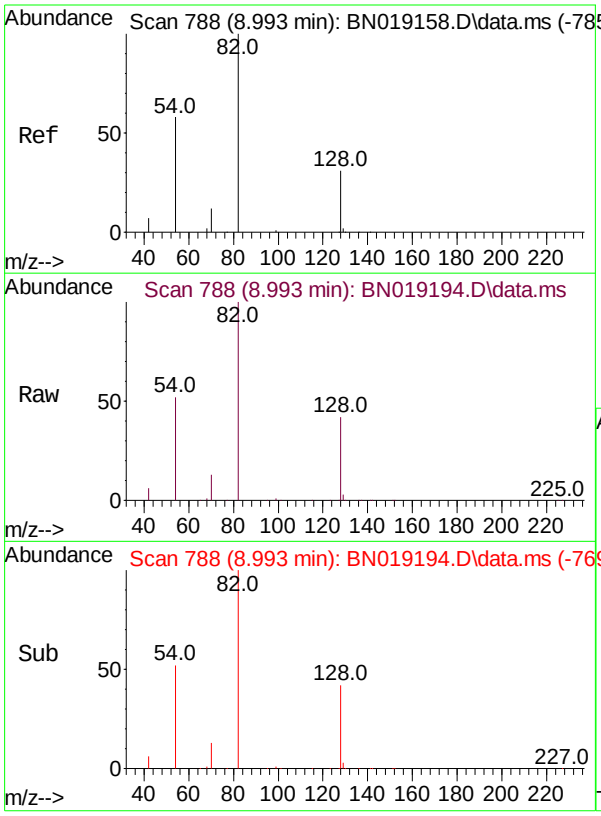
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 9363

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.6	5.8	8.6#
68	7.0	4.6	7.0

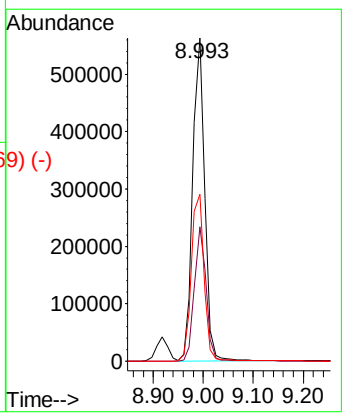


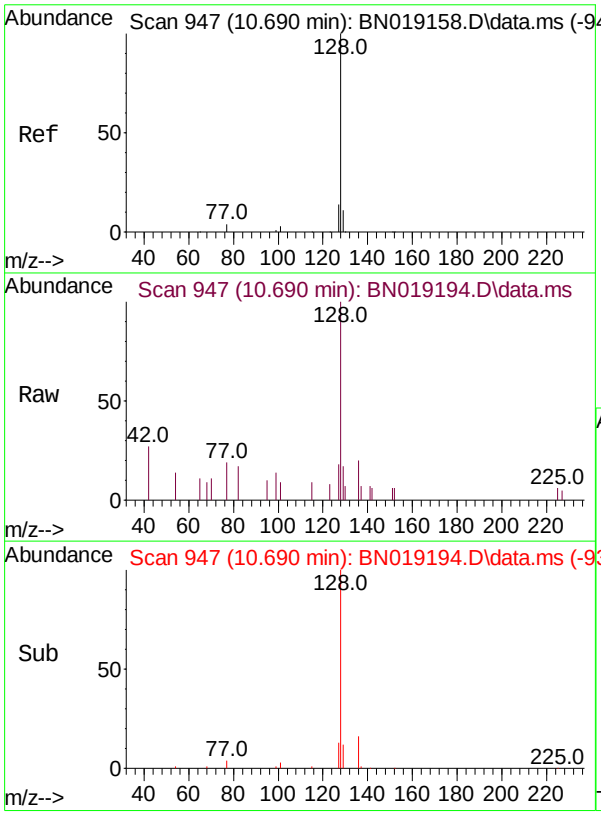


#8
Nitrobenzene-d5
Concen: 128.852 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion: 82 Resp: 935007

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.6
54	51.6	42.5	63.7



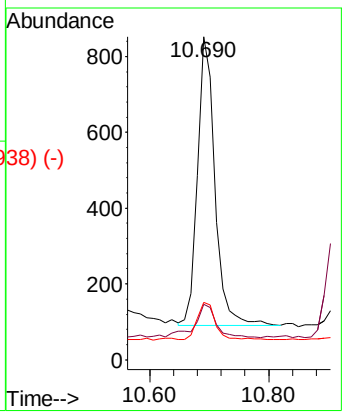


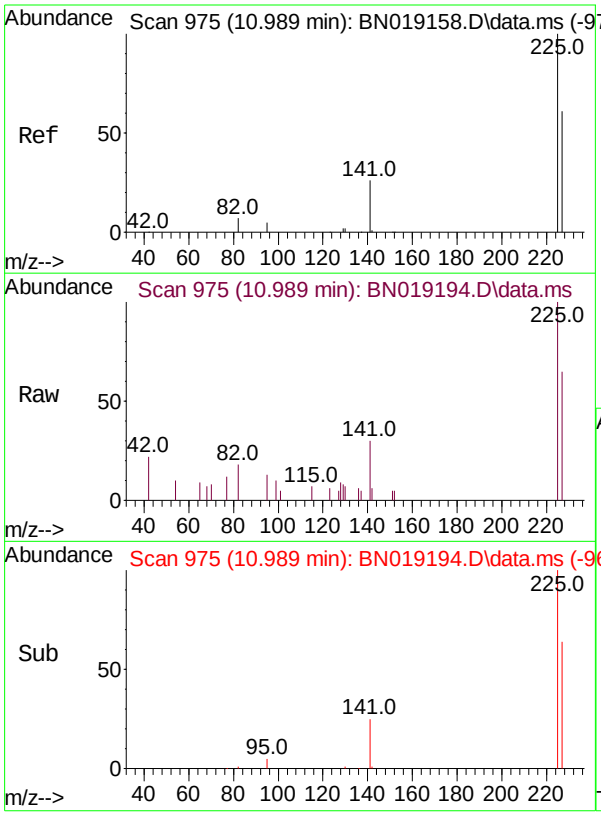
#9
Naphthalene
Concen: 0.058 ng
RT: 10.690 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:128 Resp: 1532

Ion	Ratio	Lower	Upper
128	100		
129	17.1	9.0	13.4#
127	17.7	10.7	16.1#

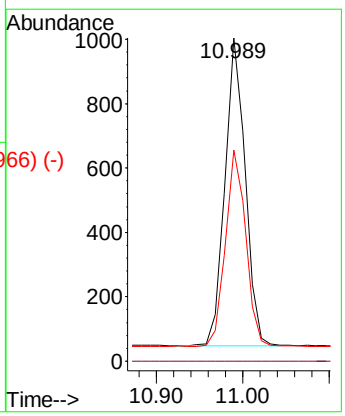


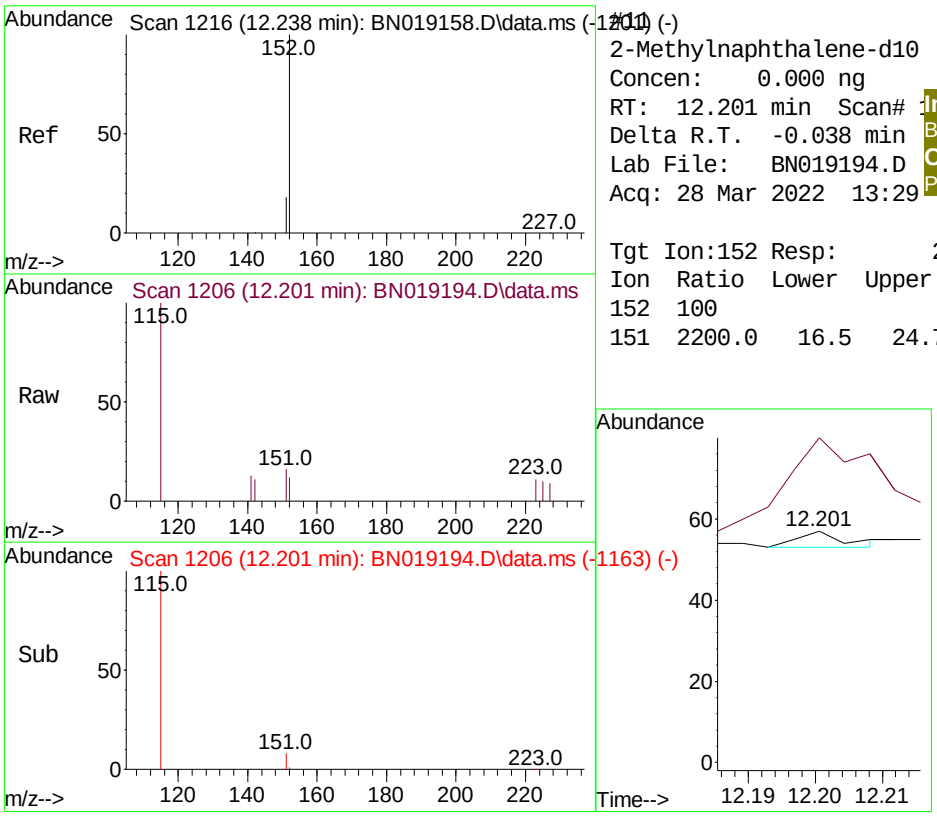


#10
Hexachlorobutadiene
Concen: 0.263 ng
RT: 10.989 min Scan# 975
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:225 Resp: 1554

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



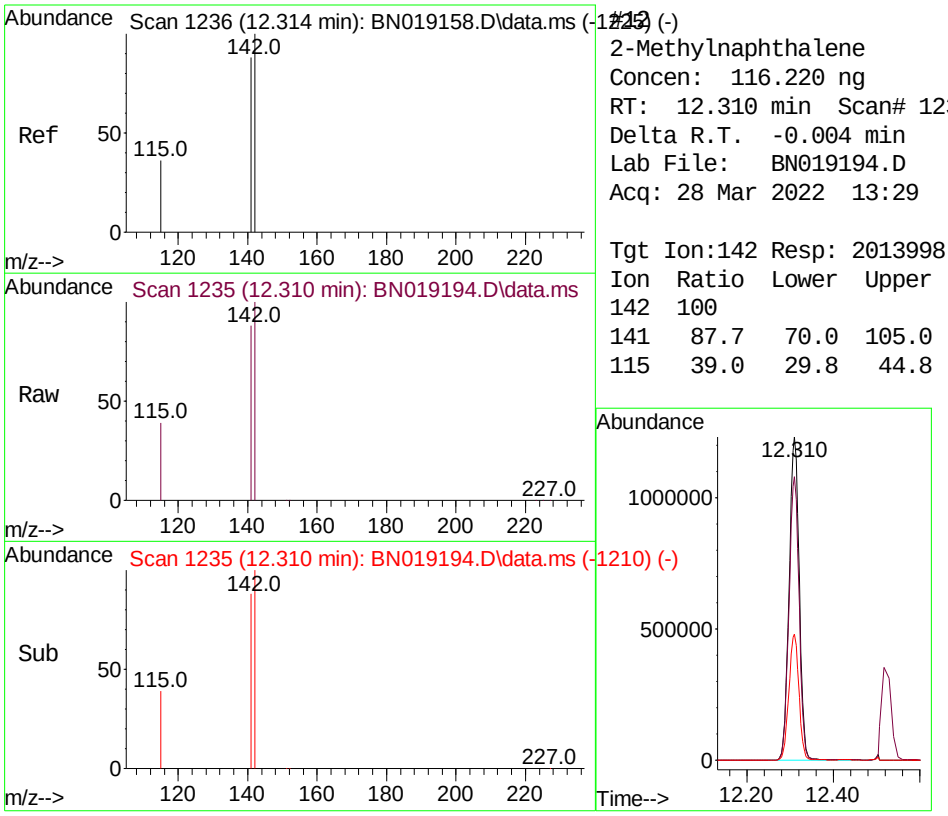


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.038 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 2

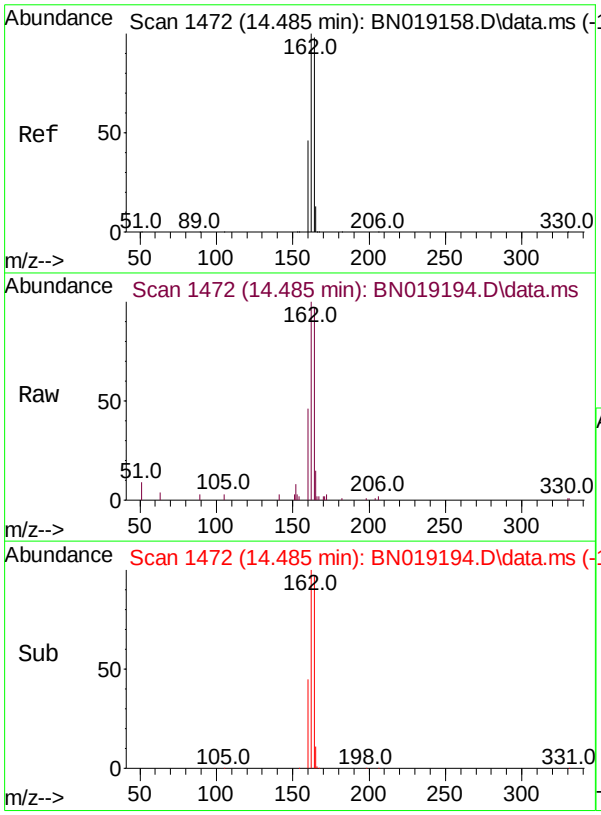
Ion	Ratio	Lower	Upper
152	100		
151	2200.0	16.5	24.7#



#12
2-Methylnaphthalene
Concen: 116.220 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:142 Resp: 2013998

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.0	105.0
115	39.0	29.8	44.8

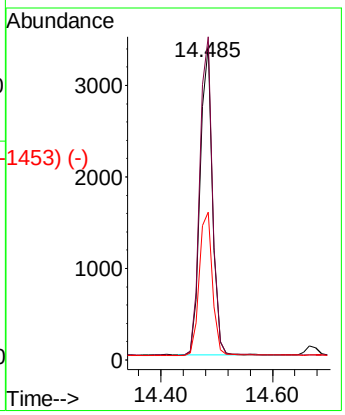


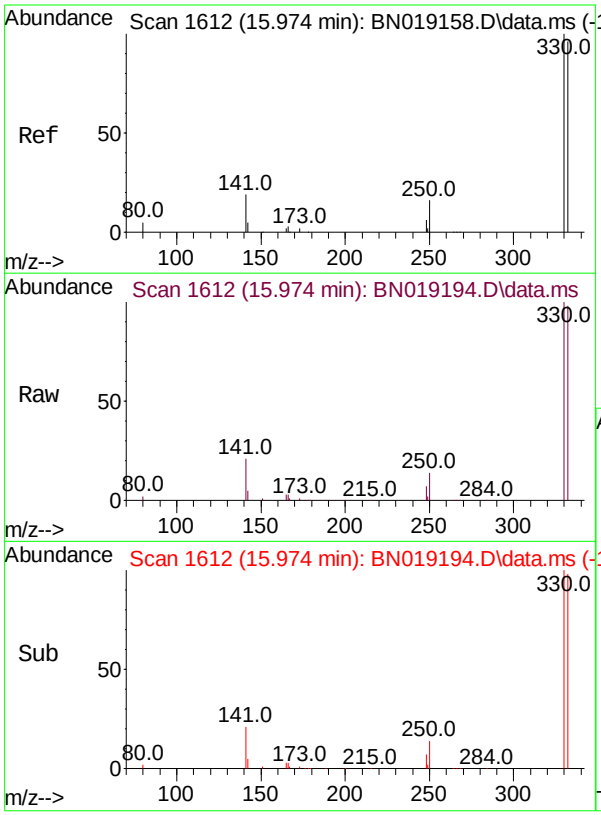
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:164 Resp: 5194

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.2	127.8
160	47.2	41.5	62.3

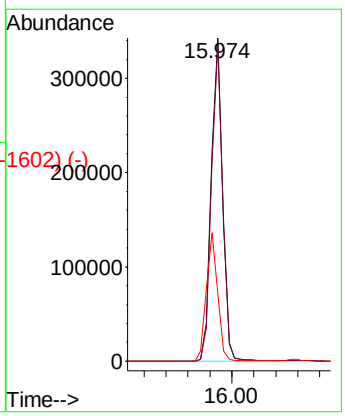


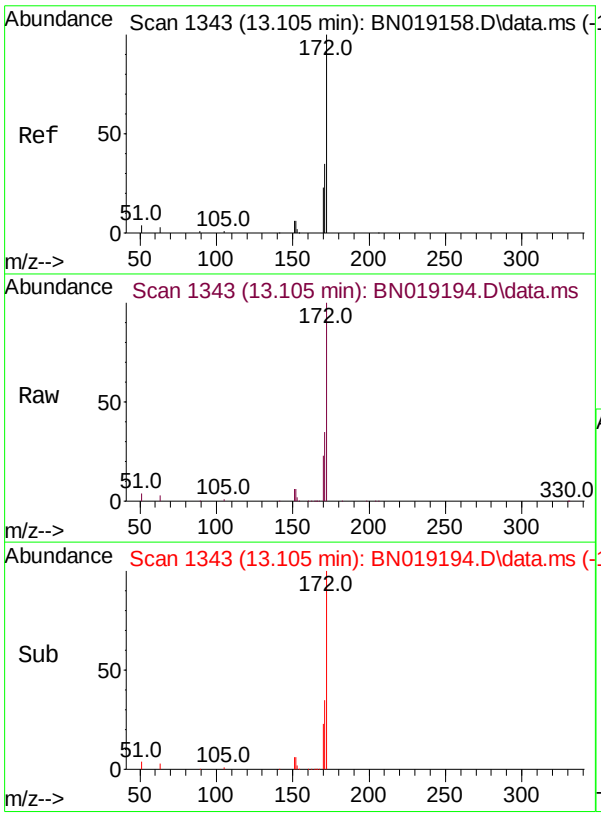


#14
2,4,6-Tribromophenol
Concen: 189.930 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:330 Resp: 479518

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	39.6	32.2	48.2



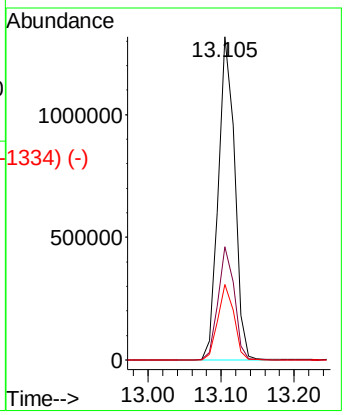


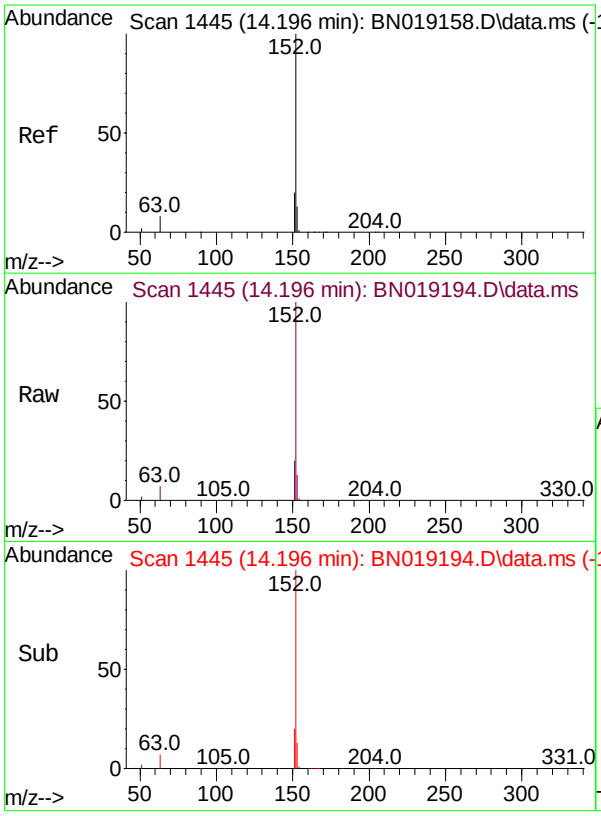
#15
2-Fluorobiphenyl
Concen: 93.038 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:172 Resp: 2030612

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.3	18.7	28.1

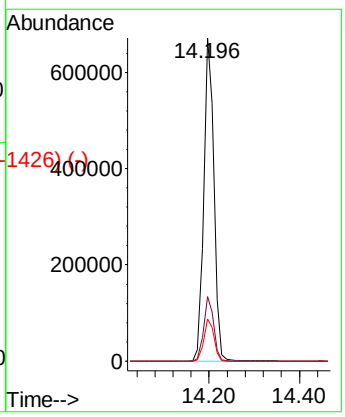


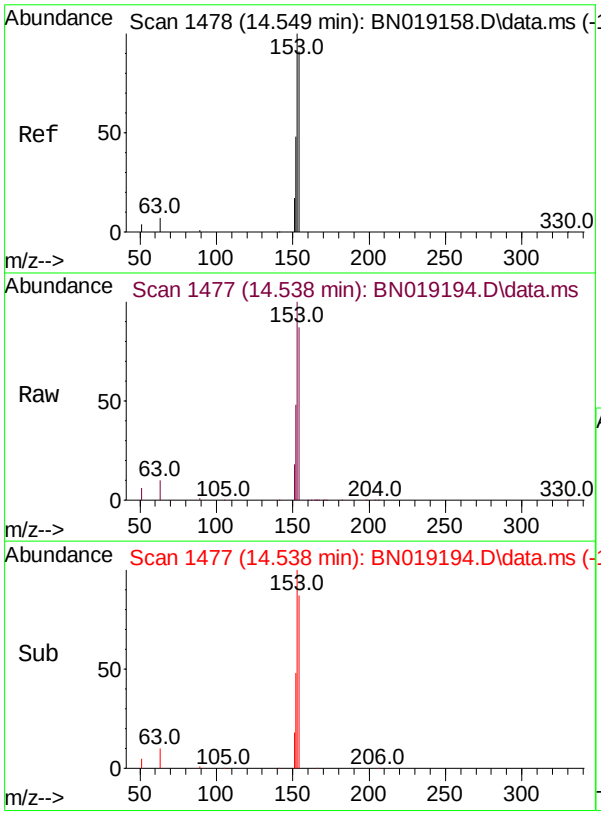


#16
Acenaphthylene
Concen: 43.791 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:152 Resp: 1038404

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.6	15.8



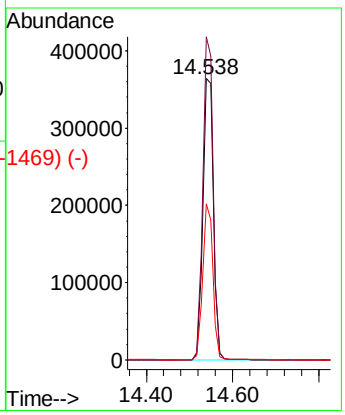


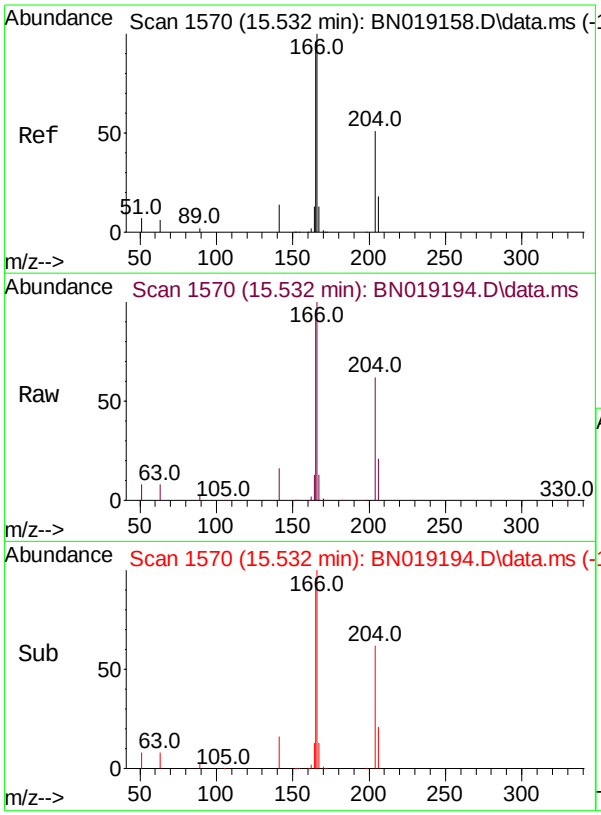
#17
Acenaphthene
Concen: 36.308 ng
RT: 14.538 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:154 Resp: 609860

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.7	134.5
152	53.7	44.7	67.1

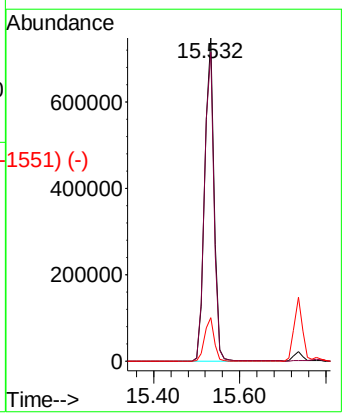


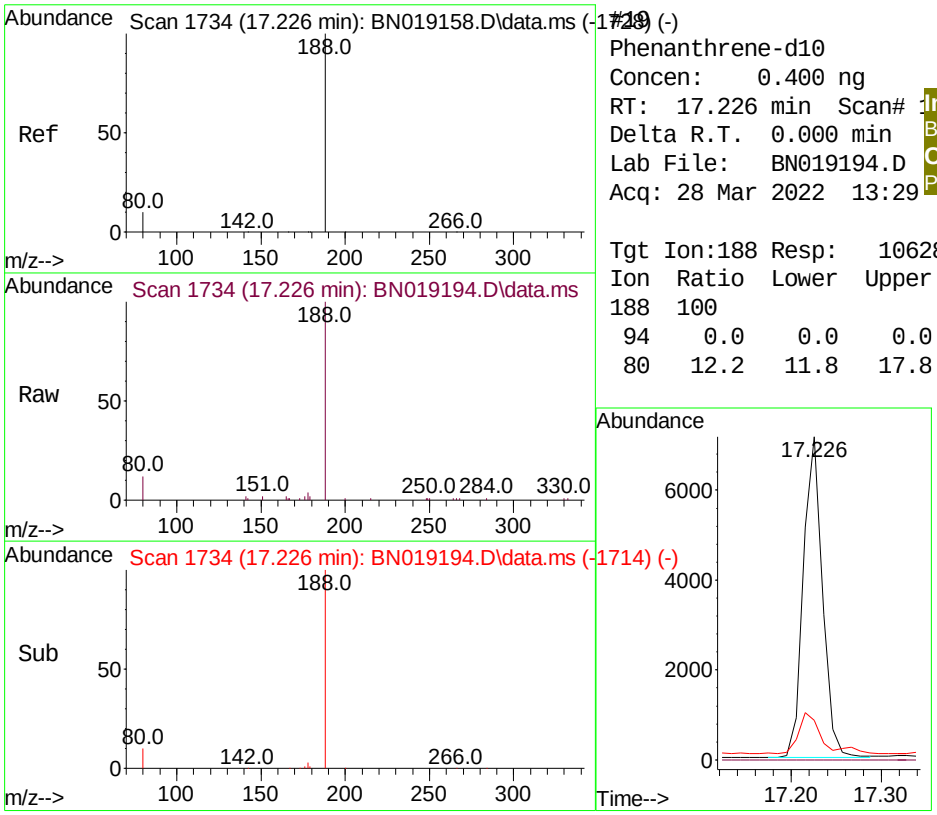


#18
Fluorene
Concen: 52.714 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:166 Resp: 1126661

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.2	118.8
167	13.6	10.7	16.1



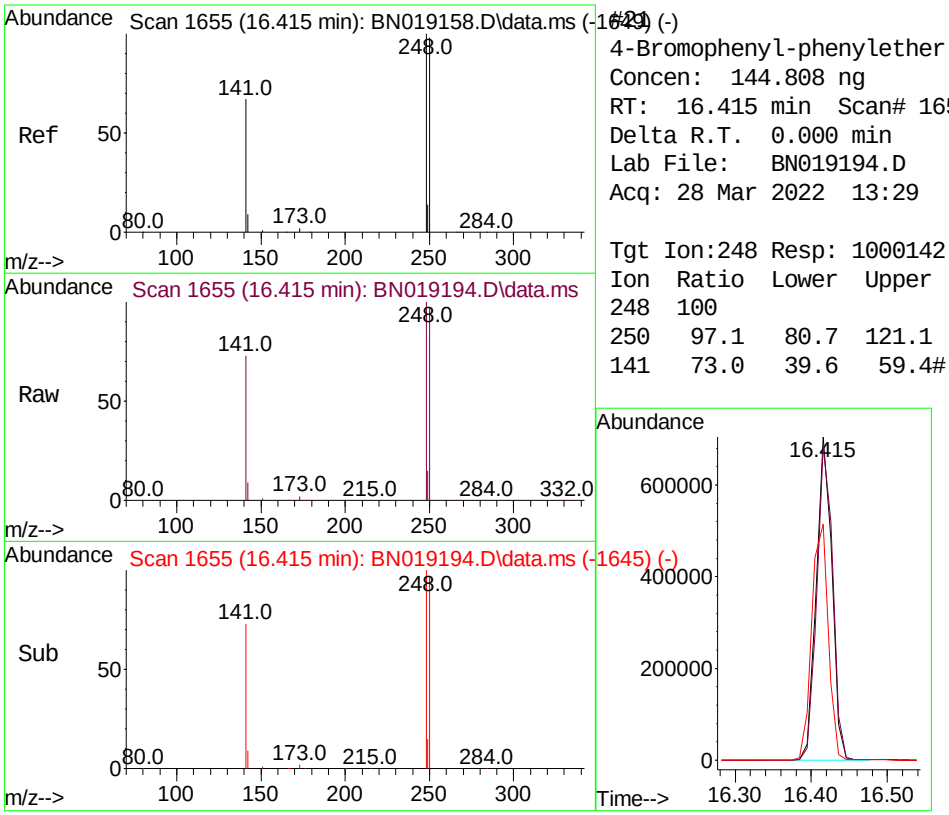


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:188 Resp: 10628

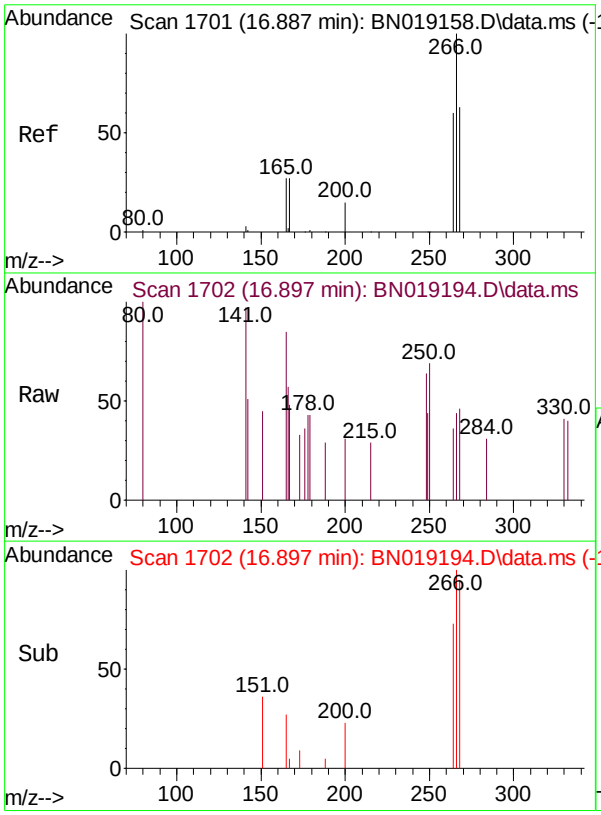
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	11.8	17.8



#21
4-Bromophenyl-phenylether
Concen: 144.808 ng
RT: 16.415 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:248 Resp: 1000142

Ion	Ratio	Lower	Upper
248	100		
250	97.1	80.7	121.1
141	73.0	39.6	59.4#

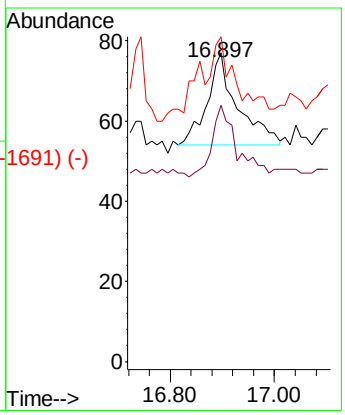


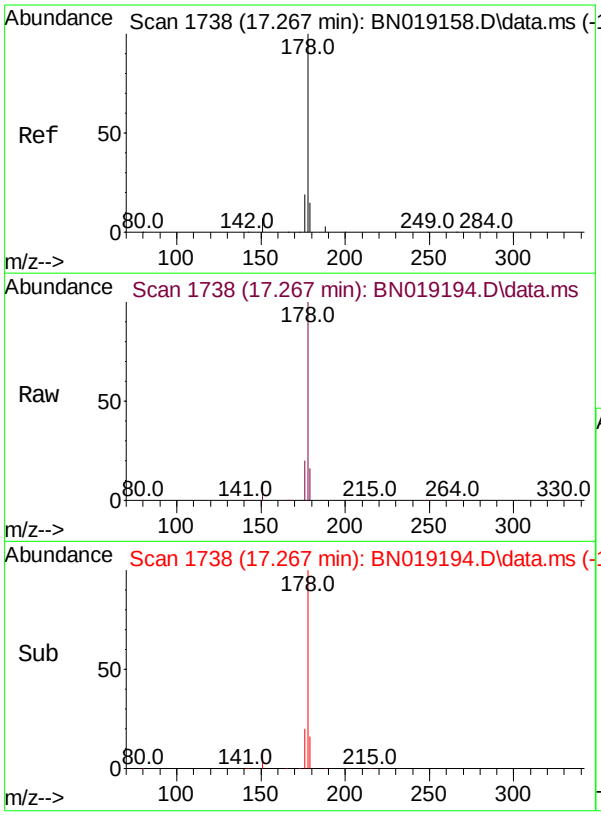
#24
Pentachlorophenol
Concen: 0.032 ng
RT: 16.897 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:266 Resp: 94

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.2	75.4
268	53.2	51.9	77.9

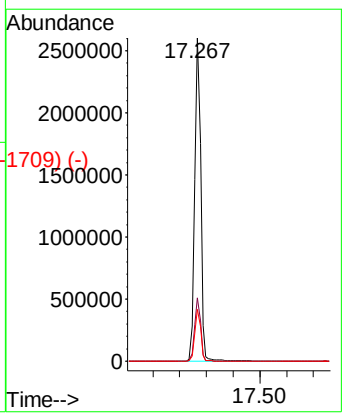


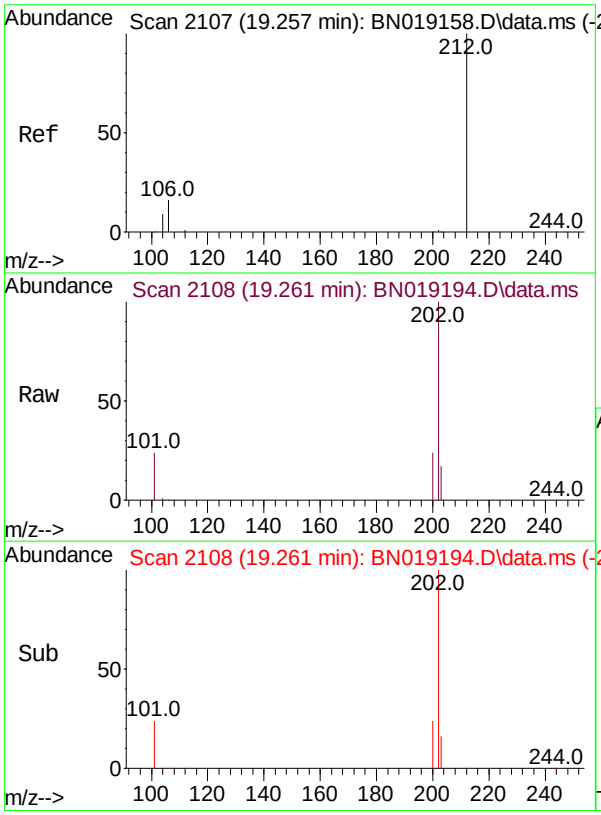


#25
Phenanthrene
Concen: 118.268 ng
RT: 17.267 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:178 Resp: 4032079

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.8	12.2	18.2



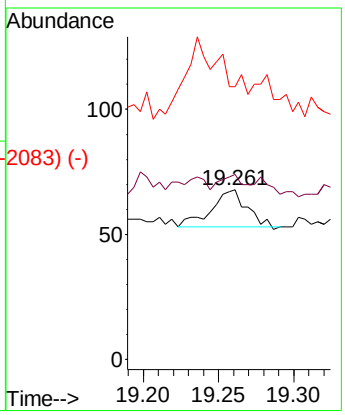


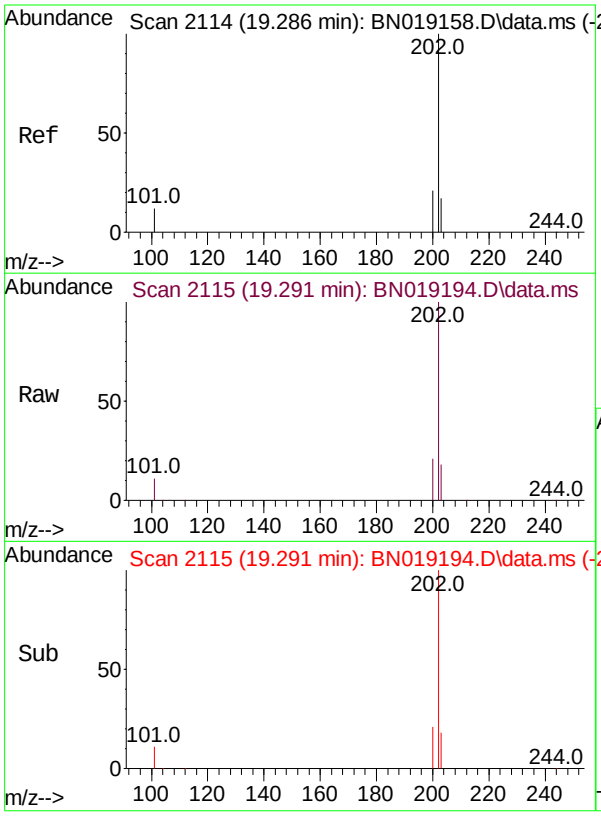
#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.261 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:212 Resp: 24

Ion	Ratio	Lower	Upper
212	100		
106	29.2	12.7	19.1#
104	0.0	7.1	10.7#

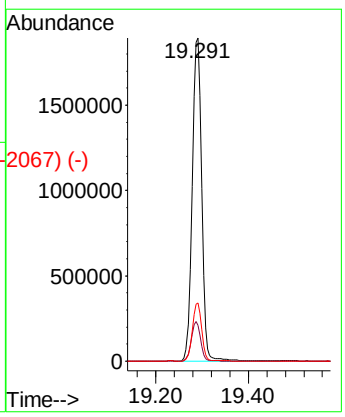


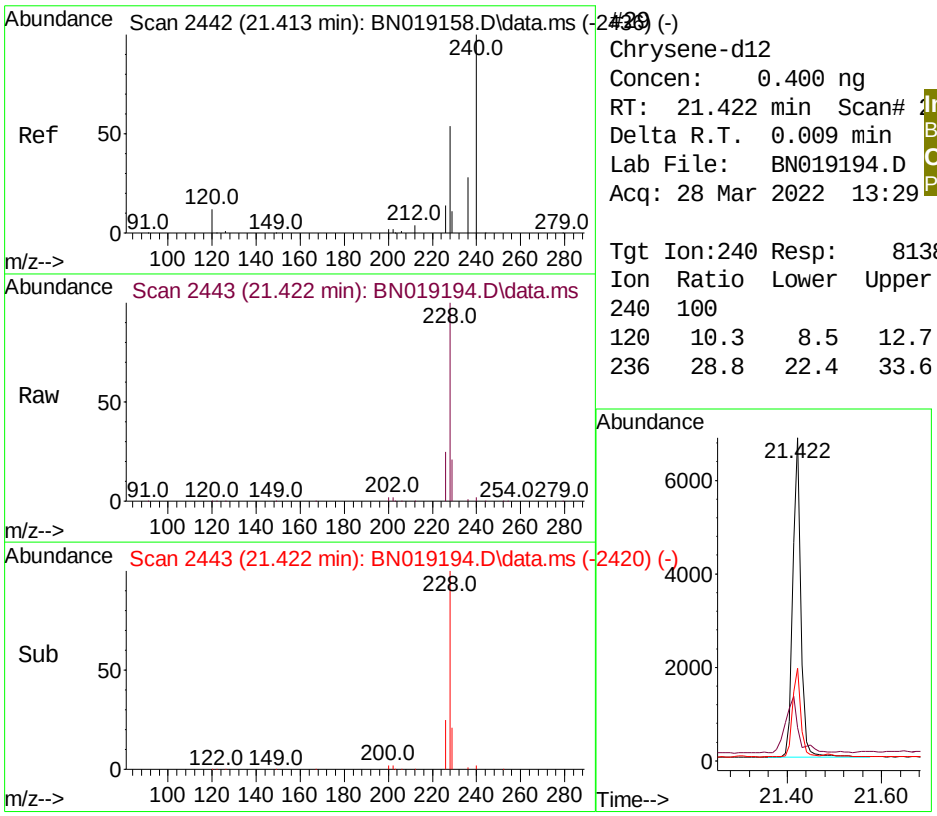


#28
Fluoranthene
Concen: 70.653 ng
RT: 19.291 min Scan# 2115
Delta R.T. 0.004 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:202 Resp: 2721941

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
203	17.7	13.7	20.5



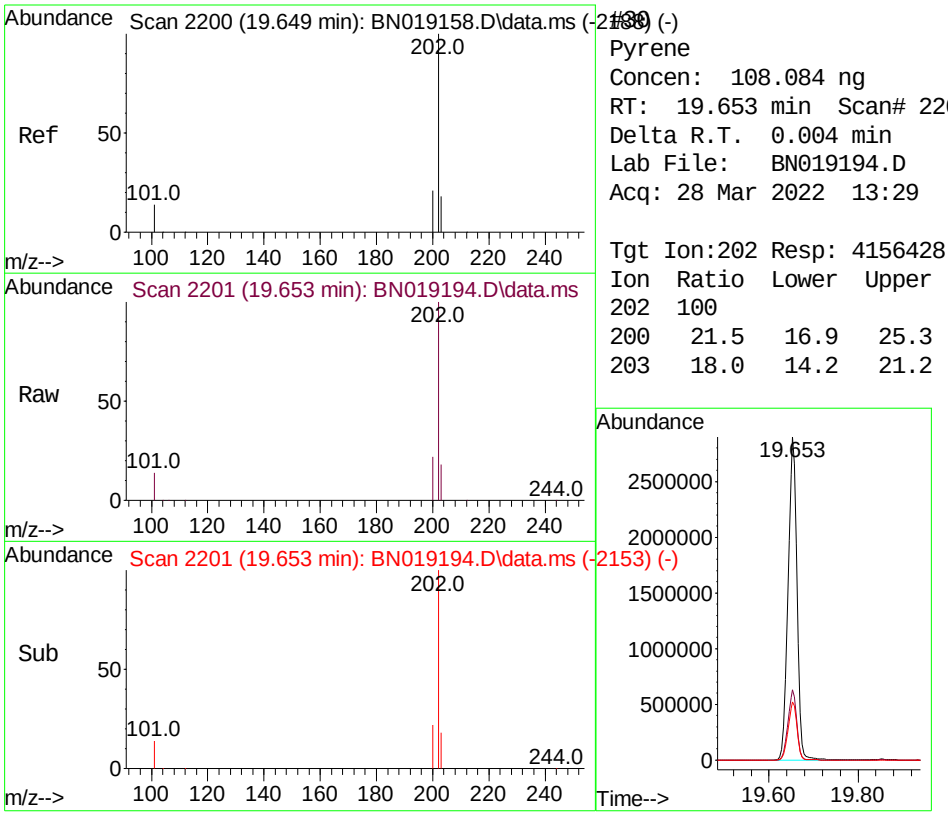


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:240 Resp: 8138

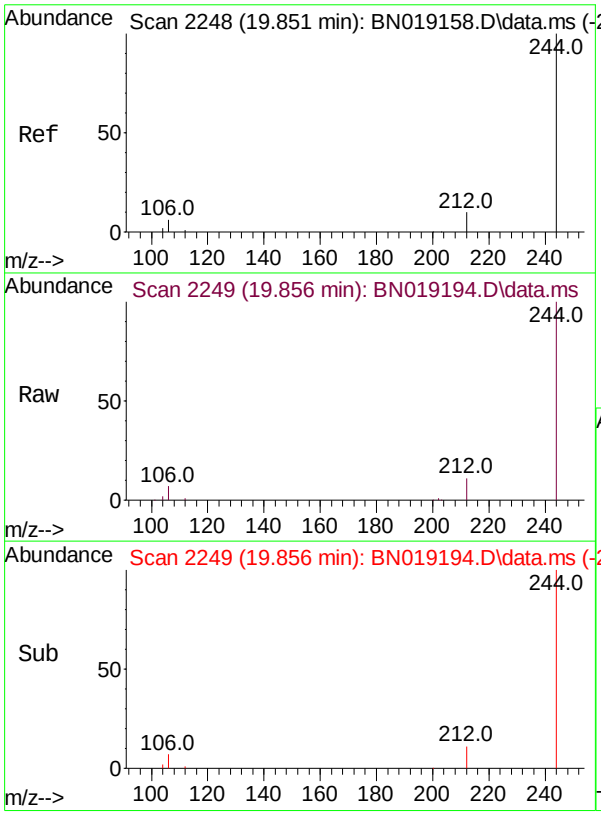
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	28.8	22.4	33.6



#30
Pyrene
Concen: 108.084 ng
RT: 19.653 min Scan# 2201
Delta R.T. 0.004 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:202 Resp: 4156428

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	14.2	21.2

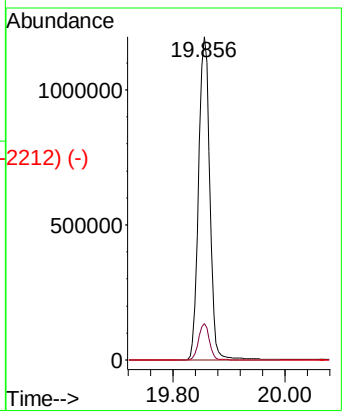


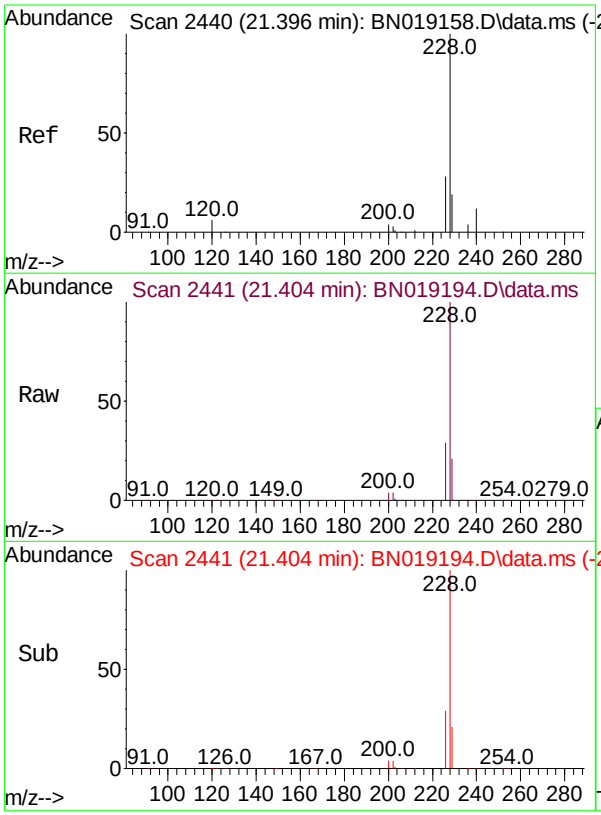
#31
Terphenyl-d14
Concen: 90.756 ng
RT: 19.856 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:244 Resp: 1648893

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.2	12.4
122	0.0	0.0	0.0

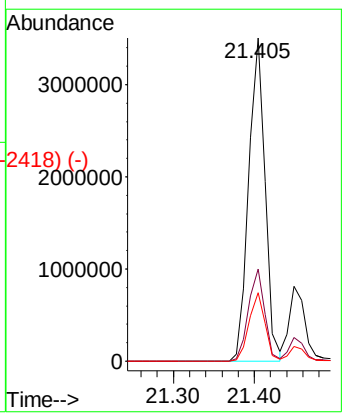


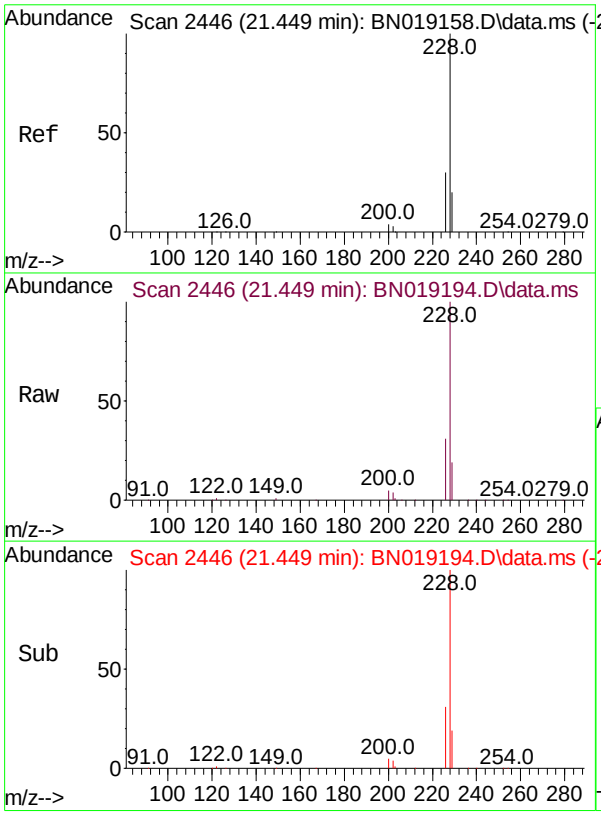


#32
Benzo(a)anthracene
Concen: 188.069 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.009 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:228 Resp: 4914985

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	21.2	16.0	24.0



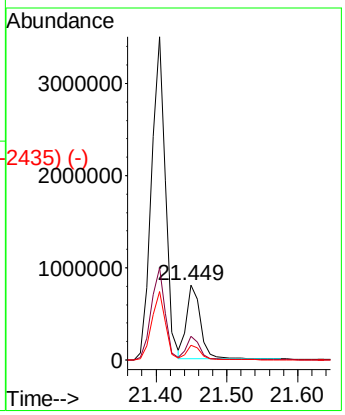


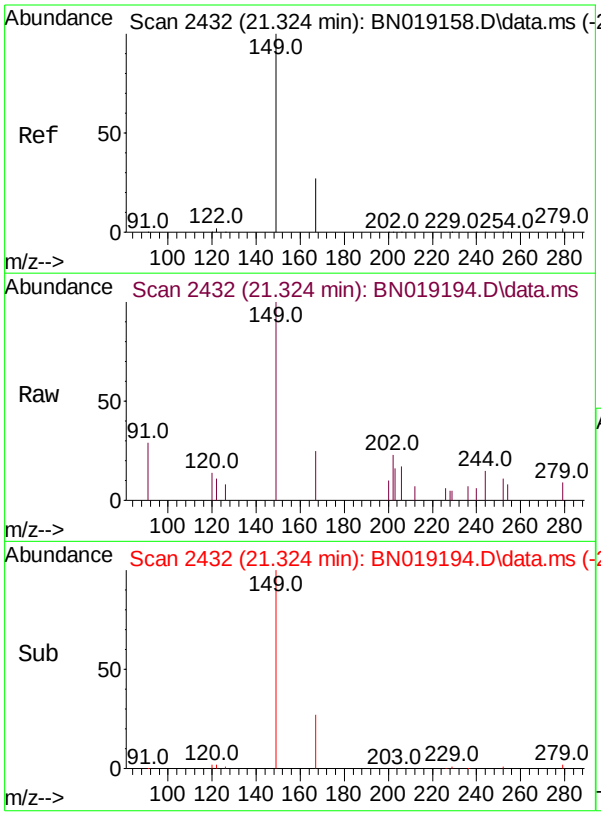
#33
Chrysene
Concen: 32.837 ng
RT: 21.449 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp: 1100576

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	19.4	15.9	23.9

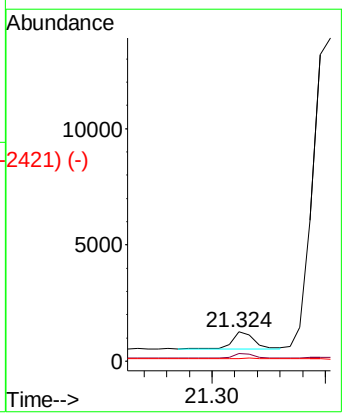


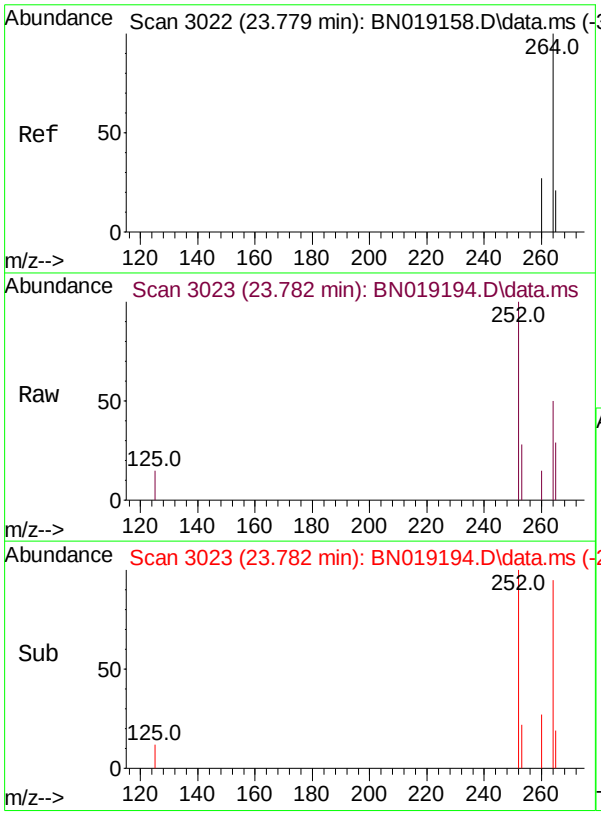


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.064 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:149 Resp: 1026

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.8	32.8
279	4.7	2.0	3.0#



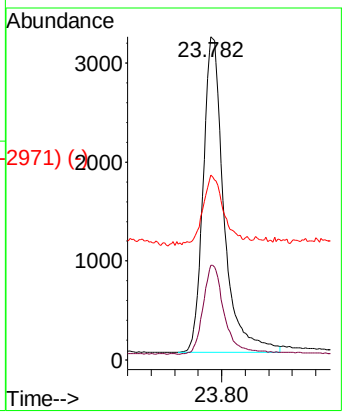


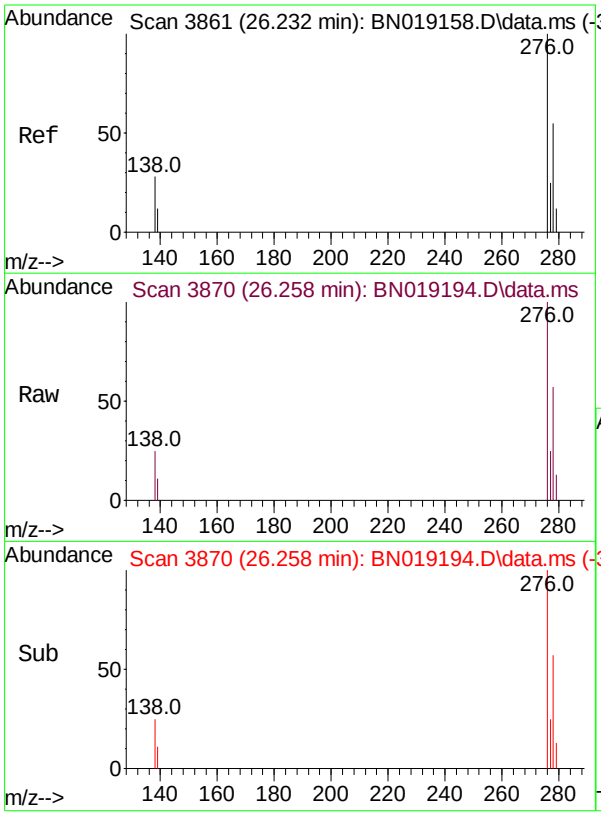
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:264 Resp: 7858

Ion	Ratio	Lower	Upper
264	100		
260	29.2	22.4	33.6
265	57.2	25.3	37.9#

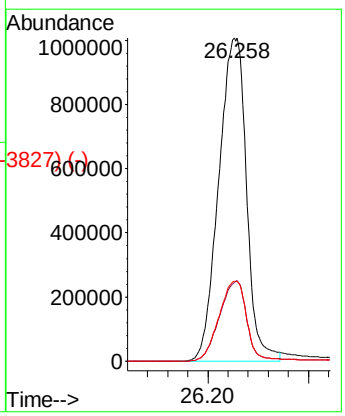


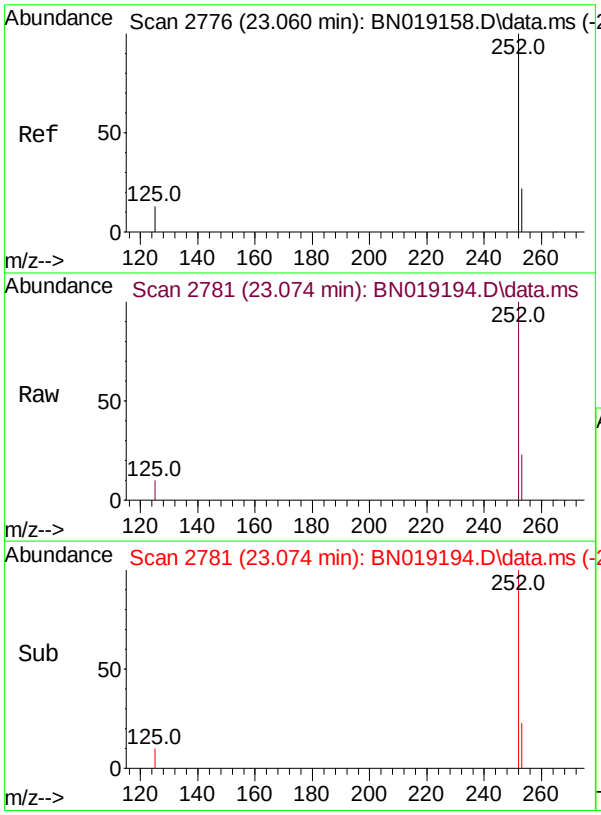


#36
Indeno(1,2,3-cd)pyrene
Concen: 122.649 ng
RT: 26.258 min Scan# 3870
Delta R.T. 0.026 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:276 Resp: 3852890

Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.5	36.7#
277	24.6	19.8	29.8



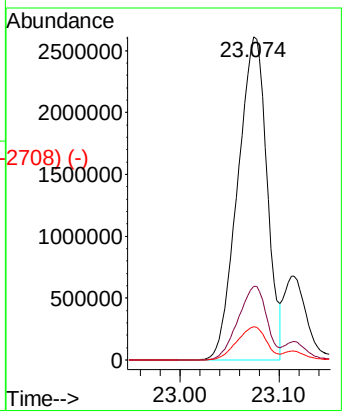


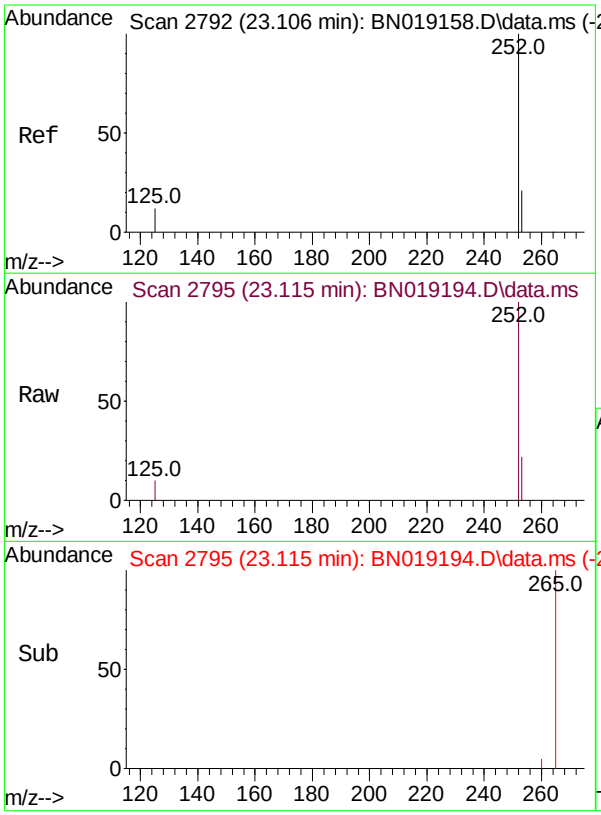
#37
Benzo(b)fluoranthene
Concen: 178.413 ng
RT: 23.074 min Scan# 2
Delta R.T. 0.015 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 5324085

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	10.3	12.1	18.1#

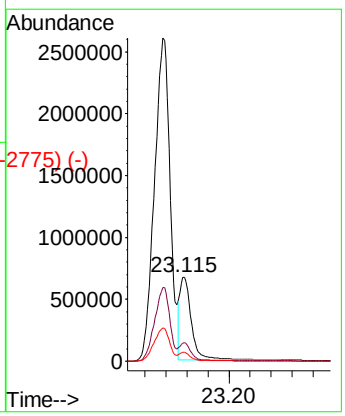


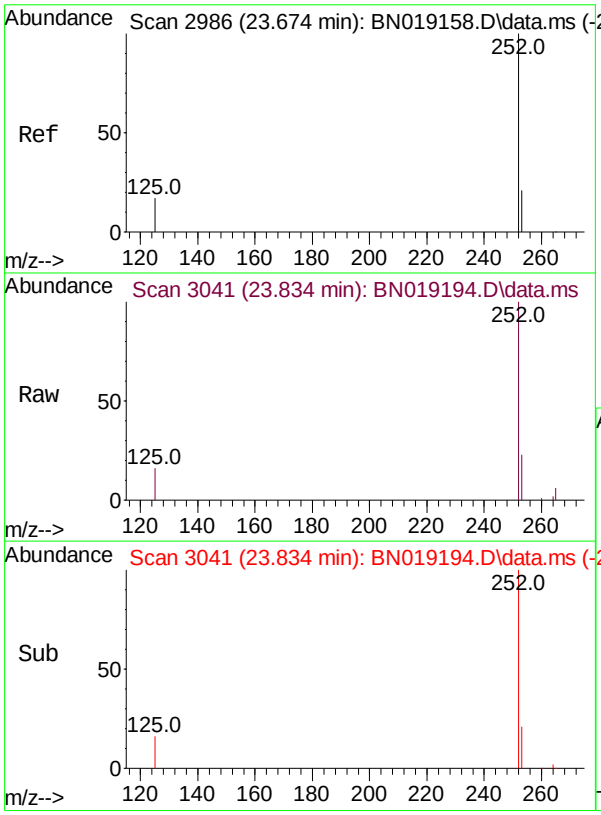


#38
Benzo(k)fluoranthene
Concen: 27.031 ng
RT: 23.115 min Scan# 2795
Delta R.T. 0.009 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:252 Resp: 1023618

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	10.4	10.3	15.5



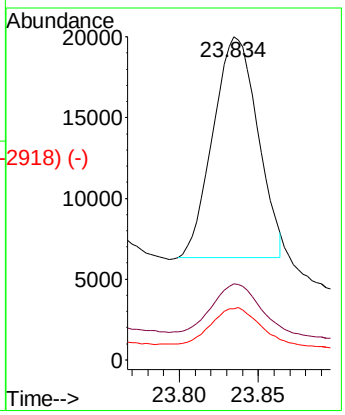


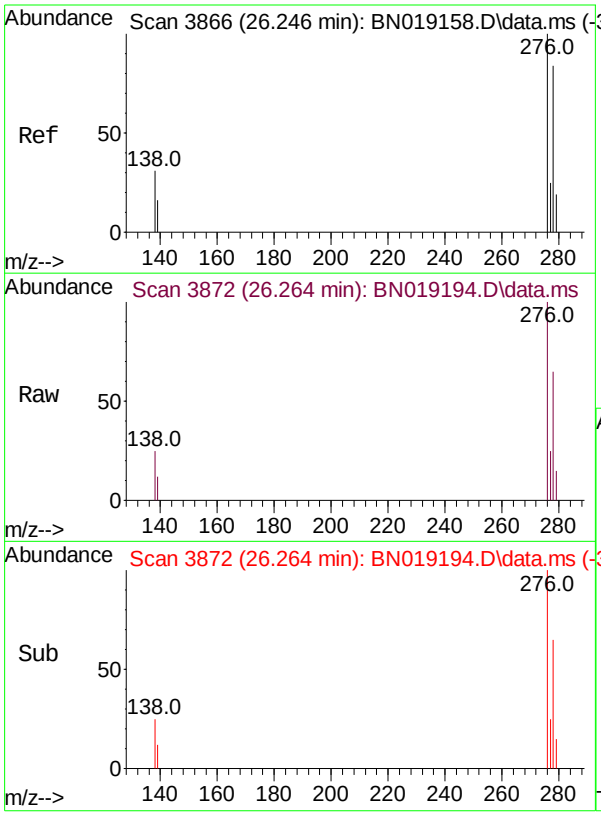
#39 (-)
Benzo(a)pyrene
Concen: 1.049 ng
RT: 23.834 min Scan# 1
Delta R.T. 0.161 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 26817

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.1	30.1
125	15.9	15.2	22.8

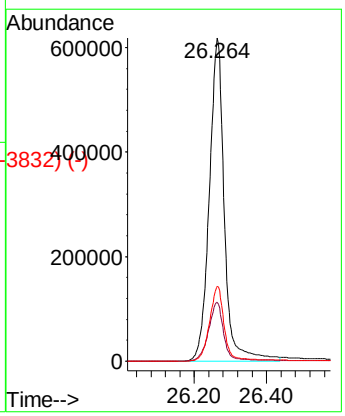


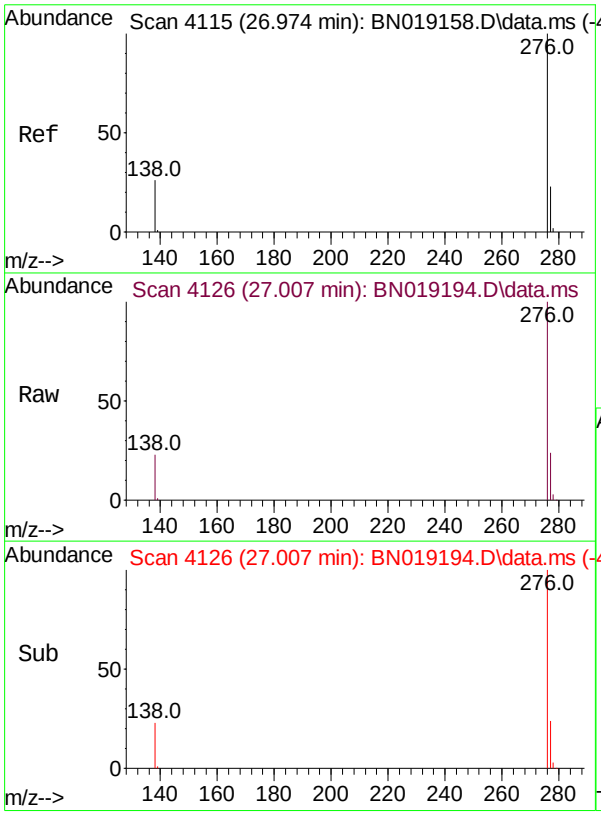


#40 (-)
Dibenzo(a,h)anthracene
Concen: 75.005 ng
RT: 26.264 min Scan# 3872
Delta R.T. 0.018 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Tgt Ion:278 Resp: 1774572

Ion	Ratio	Lower	Upper
278	100		
139	18.2	17.2	25.8
279	23.1	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 99.738 ng
RT: 27.007 min Scan# 4
Delta R.T. 0.032 min
Lab File: BN019194.D
Acq: 28 Mar 2022 13:29

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:276 Resp: 3225013

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	23.0	21.0	31.6