Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019192.D
Acq On : 28 Mar 2022 11:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 28 18:06:53 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	4947	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	13450	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	7886	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	16437	0.400	ng		0.00
29) Chrysene-d12	21.422	240	12175	0.400	ng	#	0.00
35) Perylene-d12	23.787	264	10765	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4812	0.412	ng		0.00
5) Phenol-d6	7.002	99	4889	0.365	ng		0.00
8) Nitrobenzene-d5	8.993	82	3535	0.339	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	7715	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1392	0.363	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	11849	0.358	ng		0.00
27) Fluoranthene-d10	19.261	212	17901	0.372	ng		0.00
31) Terphenyl-d14	19.860	244	9875	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2258	0.343	ng		98
3) n-Nitrosodimethylamine	3.564	42	2437	0.331	ng		99
6) bis(2-Chloroethyl)ether	7.255	93	5166	0.358	ng		97
9) Naphthalene	10.690	128	13895	0.367	ng		99
10) Hexachlorobutadiene	10.989	225	3297	0.388	ng	#	100
12) 2-Methylnaphthalene	12.310	142	9027	0.363	ng		97
16) Acenaphthylene	14.196	152	13177	0.366	ng		100
17) Acenaphthene	14.538	154	9252	0.363	ng		99
18) Fluorene	15.532	166	11801	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	551	0.206	ng	#	73
21) 4-Bromophenyl-phenylether	16.415	248	3833	0.359	ng	#	83
22) Hexachlorobenzene	16.538	284	4983	0.394	ng		100
23) Atrazine	16.682	200	2399	0.324	ng		99
24) Pentachlorophenol	16.887	266	1986	0.439	ng		99
25) Phenanthrene	17.266	178	19019	0.361	ng		100
26) Anthracene	17.359	178	15502	0.355	ng		100
28) Fluoranthene	19.291	202	22221	0.373	ng		98
30) Pyrene	19.653	202	22978	0.399	ng		100
32) Benzo(a)anthracene	21.404	228	14264	0.365	ng		99
33) Chrysene	21.458	228	19289	0.385	ng		98
34) Bis(2-ethylhexyl)phtha...	21.333	149	10158	0.426	ng		100
36) Indeno(1,2,3-cd)pyrene	26.240	276	13702	0.318	ng		95
37) Benzo(b)fluoranthene	23.071	252	13131	0.321	ng		92
38) Benzo(k)fluoranthene	23.118	252	17906	0.345	ng		94
39) Benzo(a)pyrene	23.685	252	13102	0.374	ng	#	86
40) Dibenzo(a,h)anthracene	26.264	278	8856	0.273	ng	#	90
41) Benzo(g,h,i)perylene	26.983	276	15223	0.344	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019192.D
Acq On : 28 Mar 2022 11:12
Operator : CG/JU
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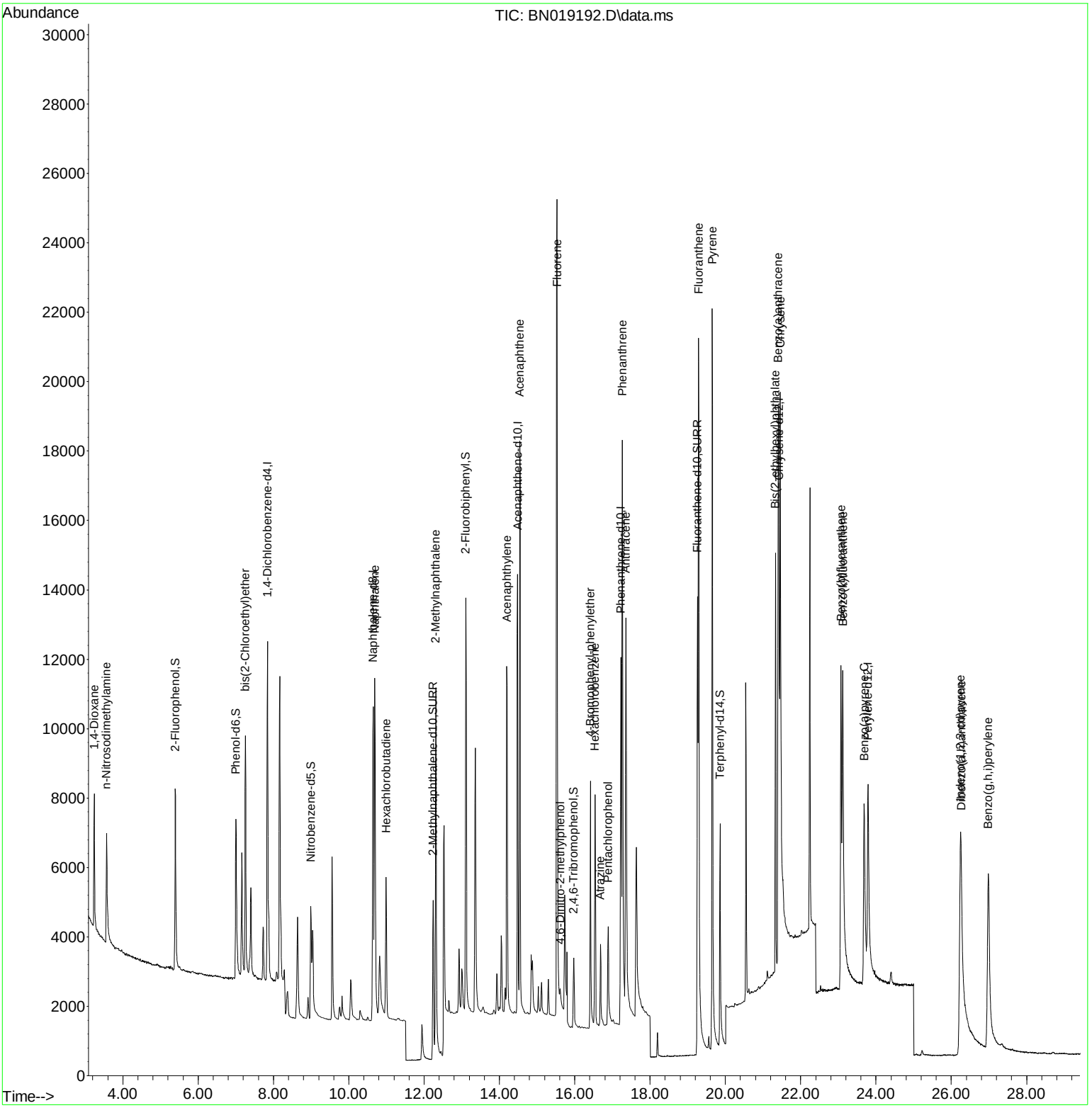
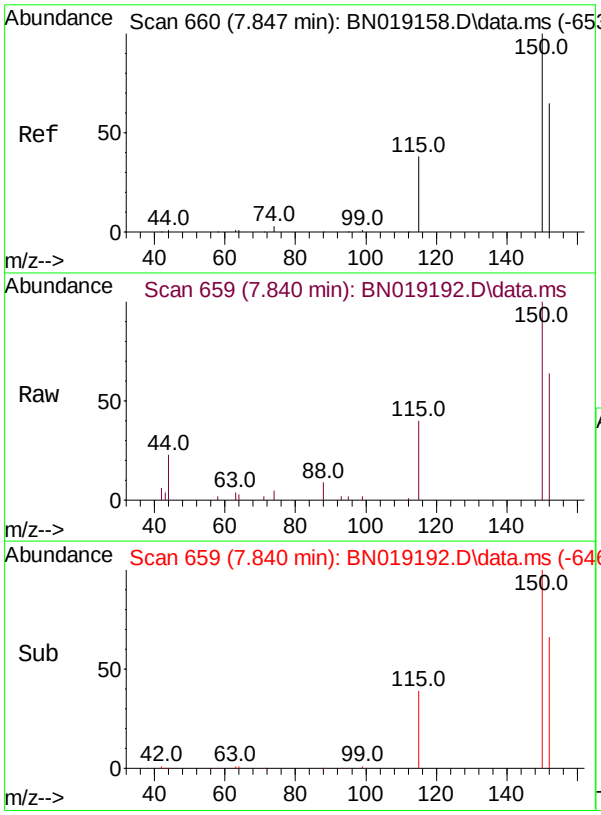
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 28 18:06:53 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



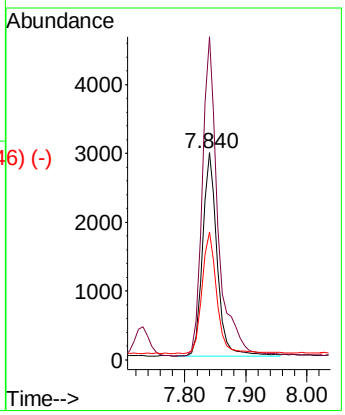


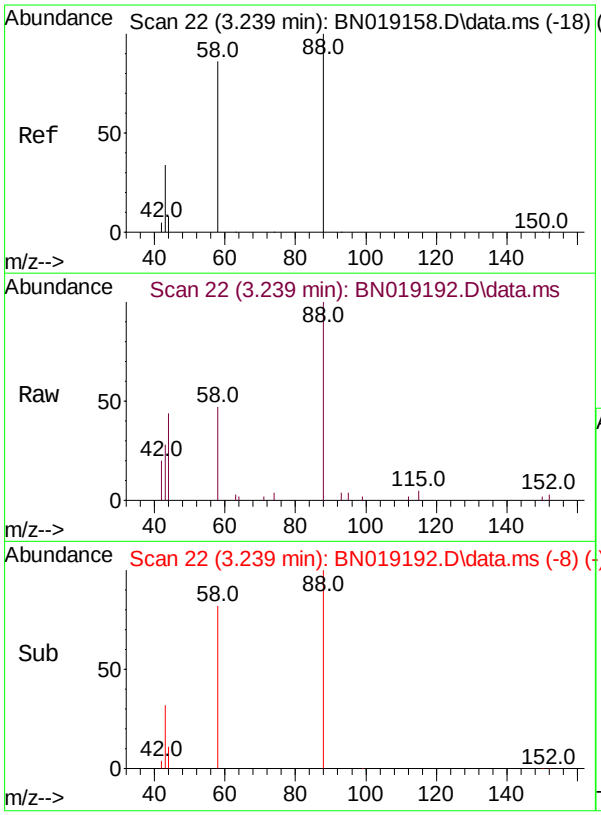
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4947

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.9	185.9
115	61.7	48.2	72.4

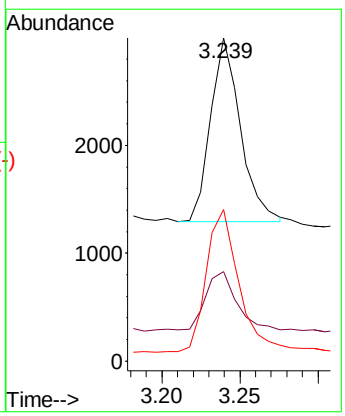


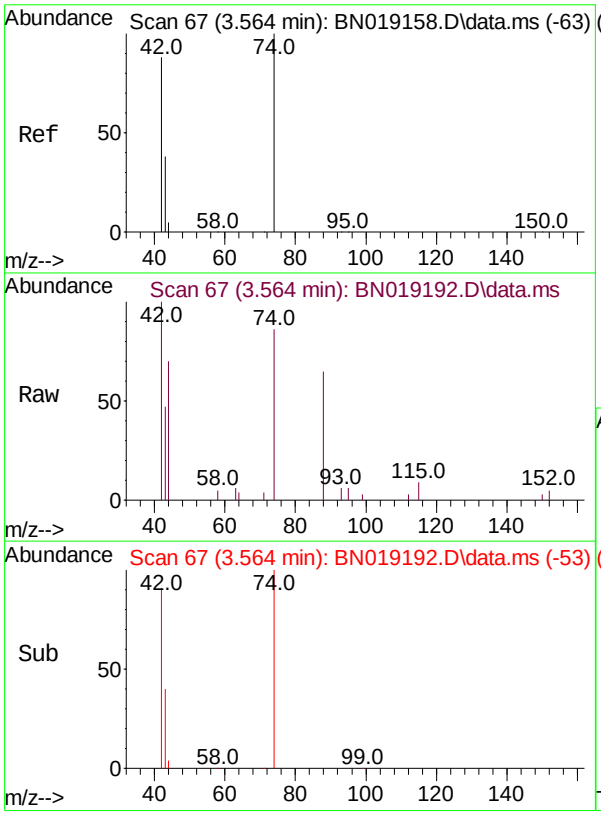


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion: 88 Resp: 2258

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	83.9	65.4	98.2



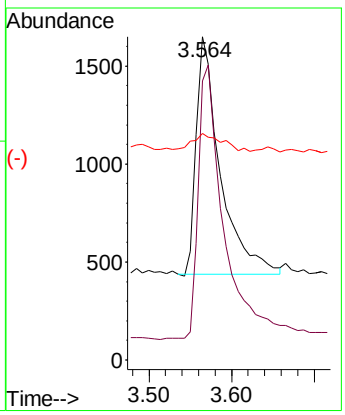


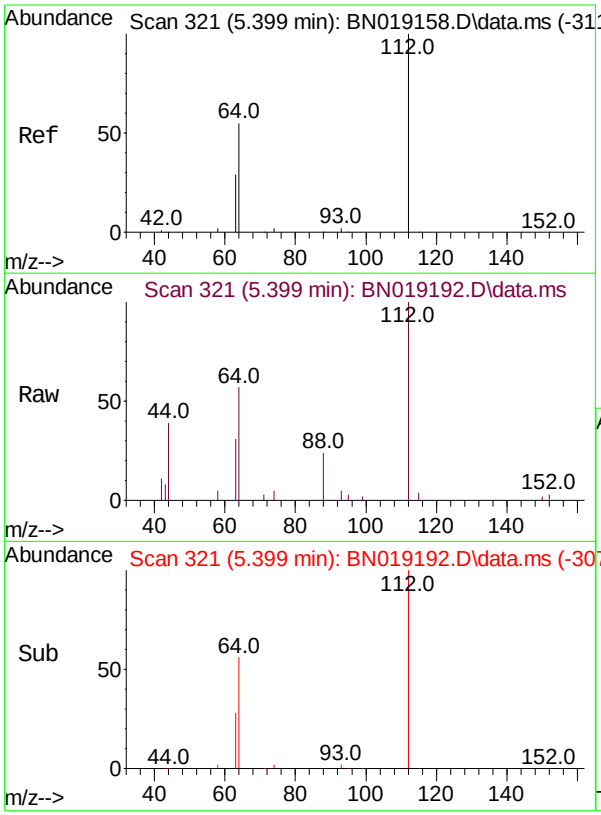
#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.564 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2437

Ion	Ratio	Lower	Upper
42	100		
74	122.3	96.9	145.3
44	9.1	7.3	10.9

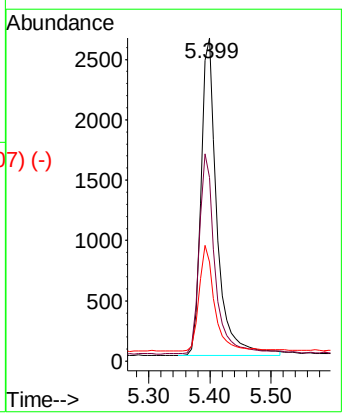


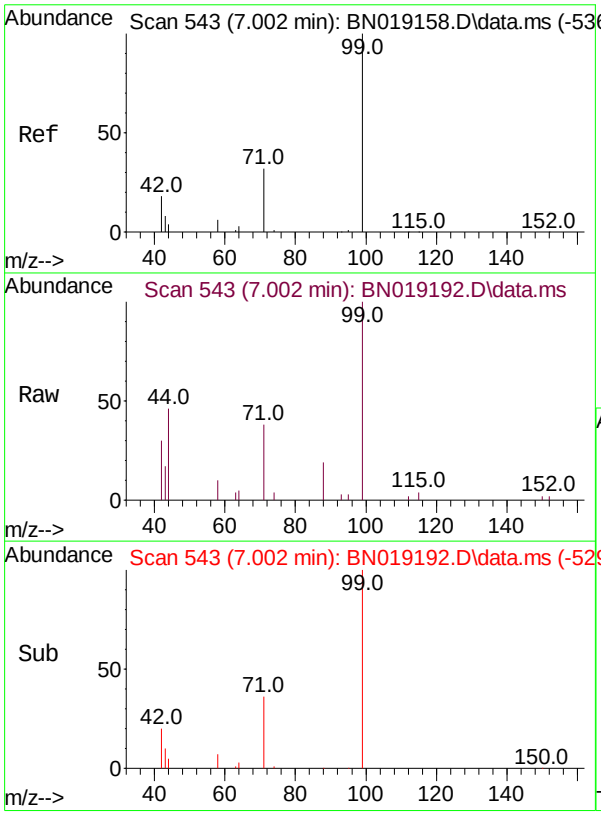


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:112 Resp: 4812

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.8	71.8
63	32.8	25.7	38.5



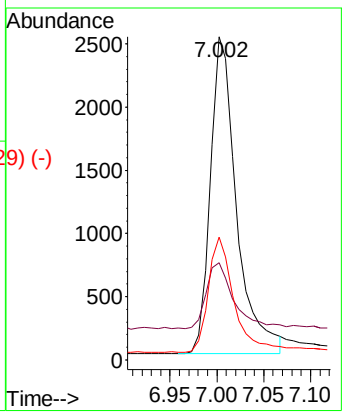


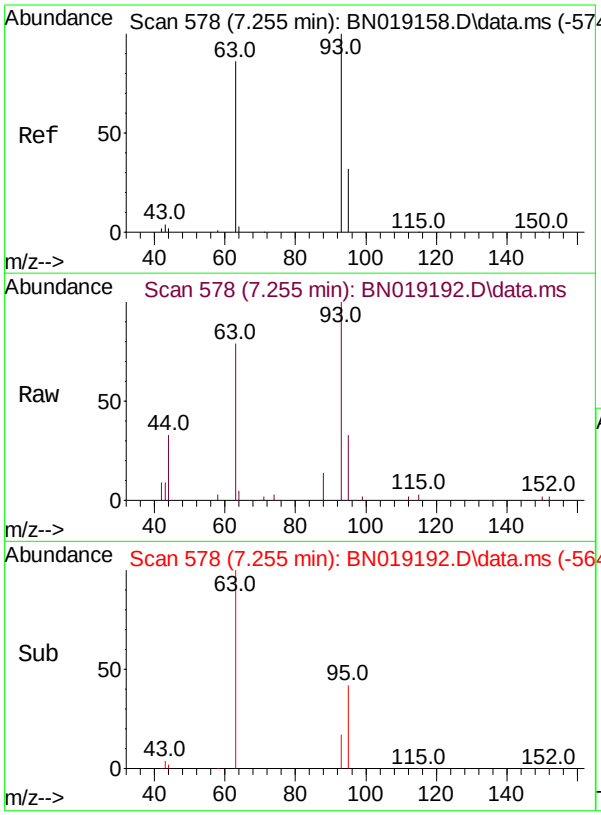
#5
Phenol-d6
Concen: 0.365 ng
RT: 7.002 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4889

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.2	24.4
71	35.7	27.7	41.5

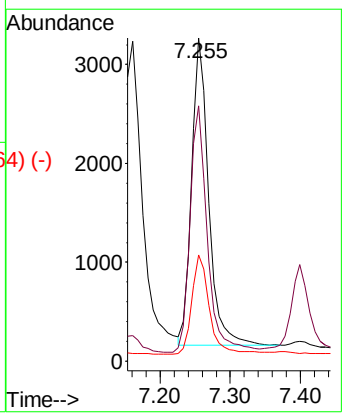


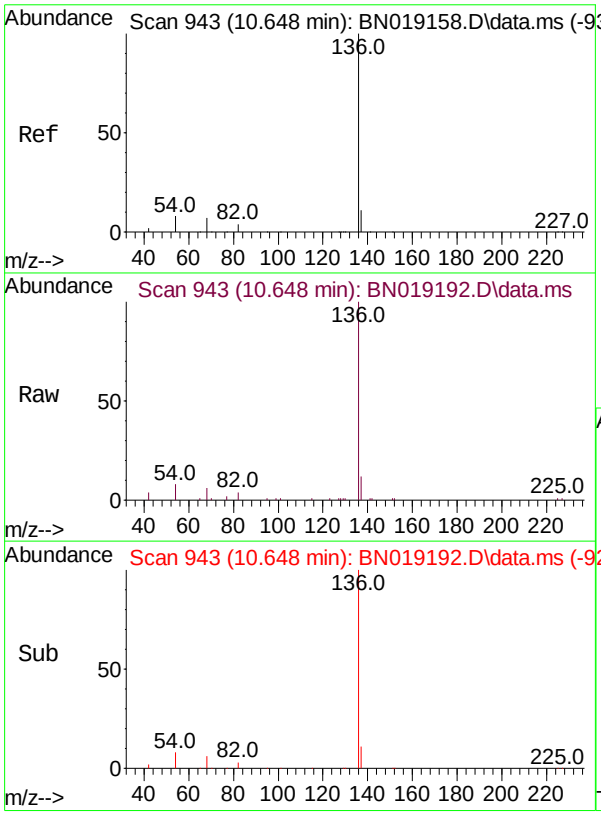


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion: 93 Resp: 5166

Ion	Ratio	Lower	Upper
93	100		
63	81.6	62.8	94.2
95	33.7	26.2	39.4



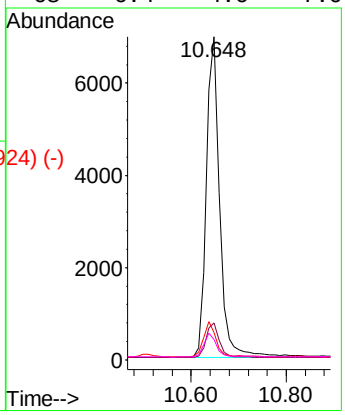


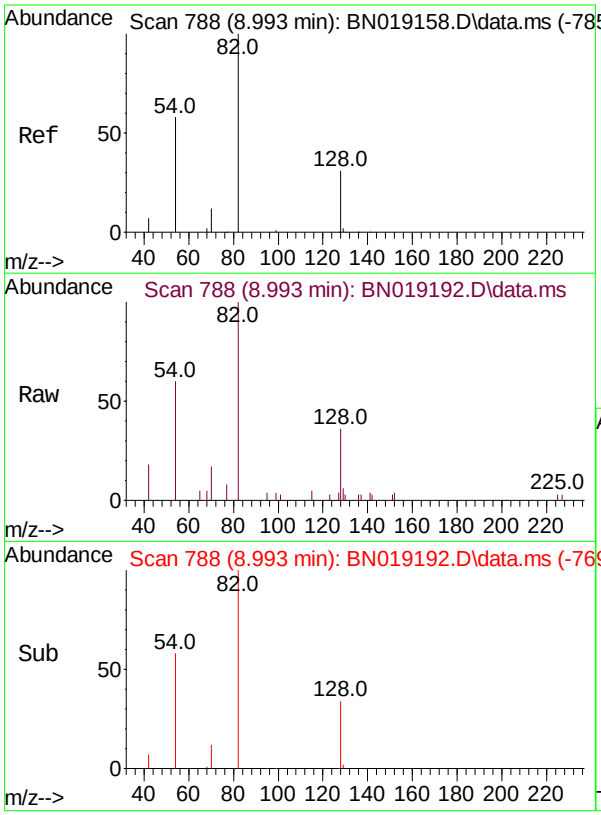
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13450

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.5	5.8	8.6
68	6.4	4.6	7.0

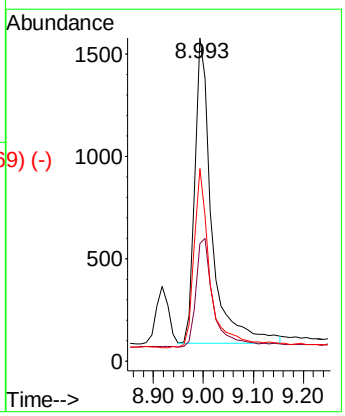


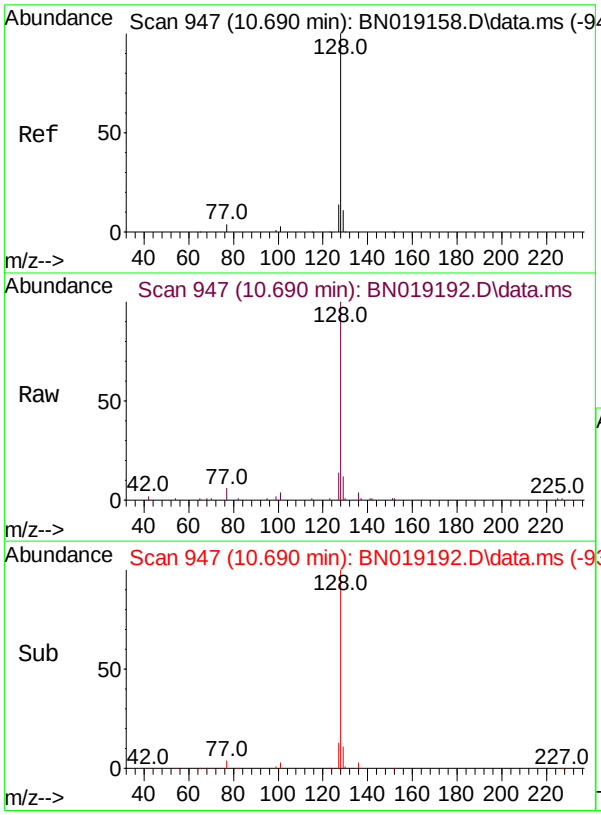


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion: 82 Resp: 3535

Ion	Ratio	Lower	Upper
82	100		
128	36.5	33.0	49.6
54	59.5	42.5	63.7



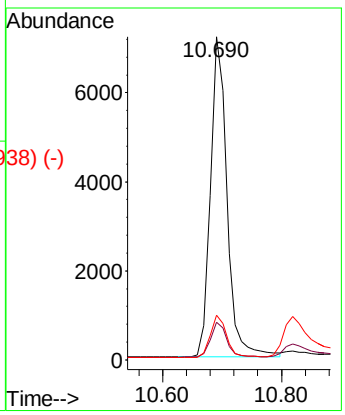


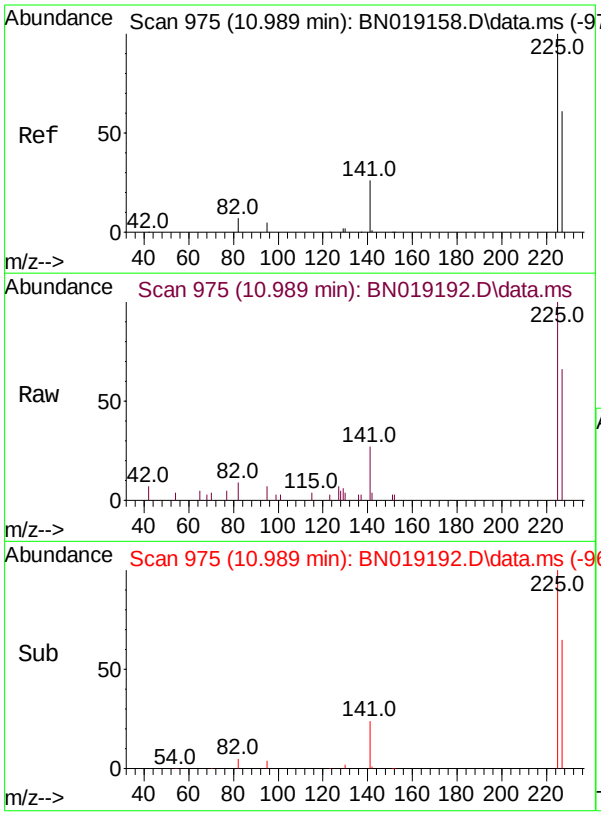
#9
Naphthalene
Concen: 0.367 ng
RT: 10.690 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 13895

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.8	10.7	16.1

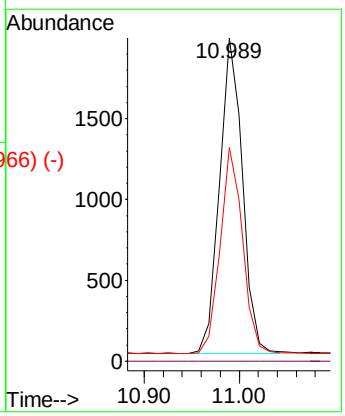


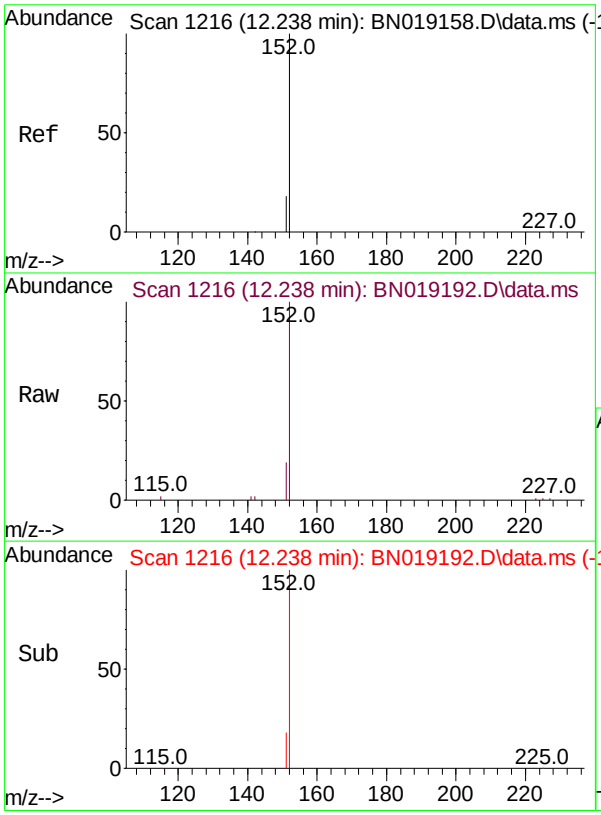


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:225 Resp: 3297

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



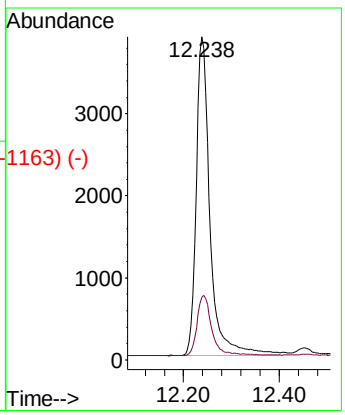


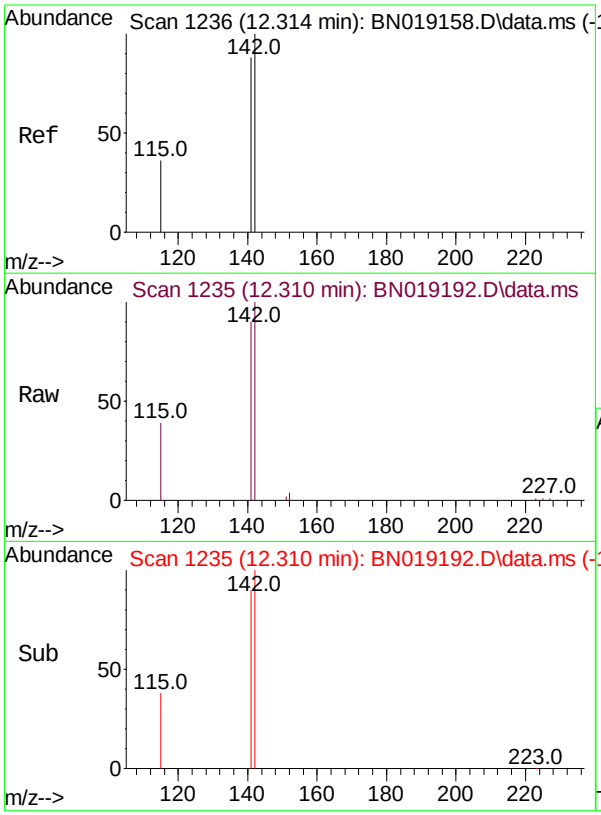
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7715

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7

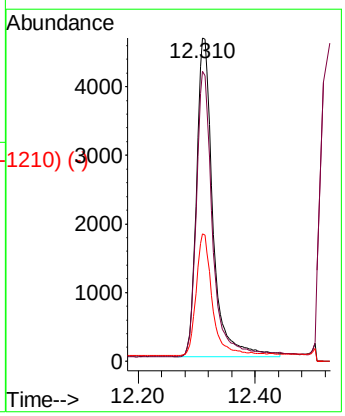


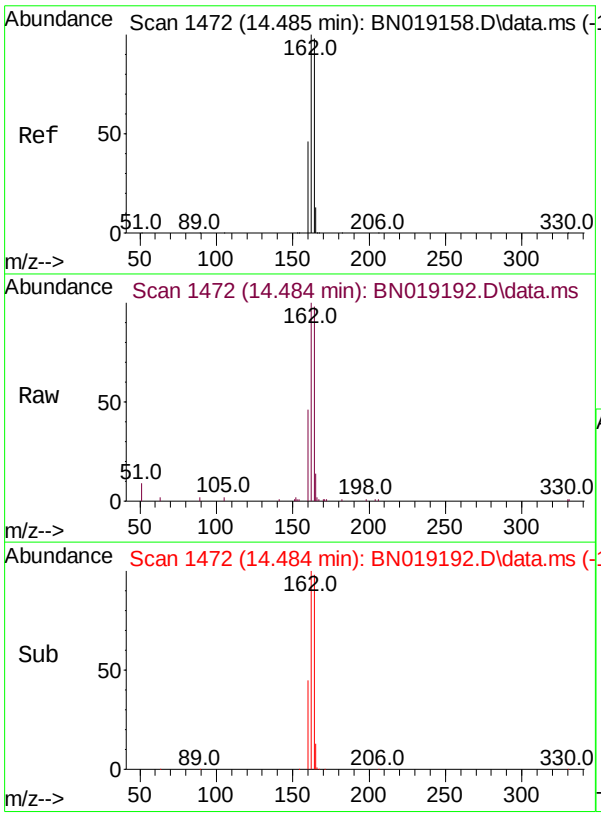


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:142 Resp: 9027

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	39.5	29.8	44.8



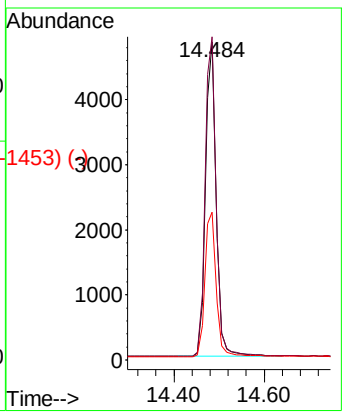


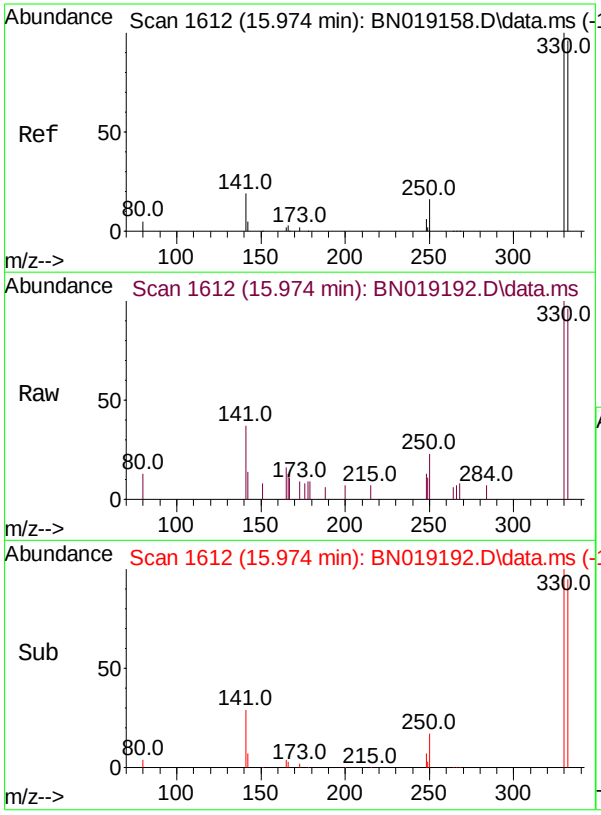
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7886

Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.2	127.8
160	46.5	41.5	62.3

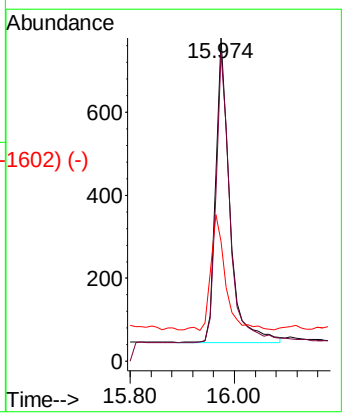


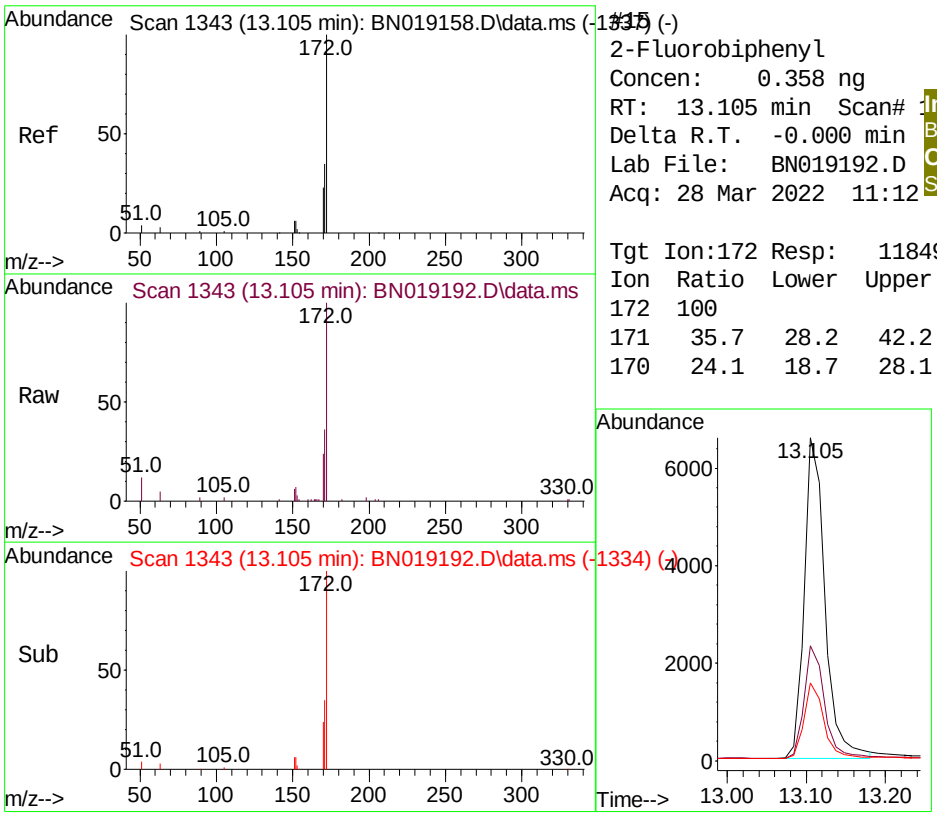


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:330 Resp: 1392

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	38.8	32.2	48.2



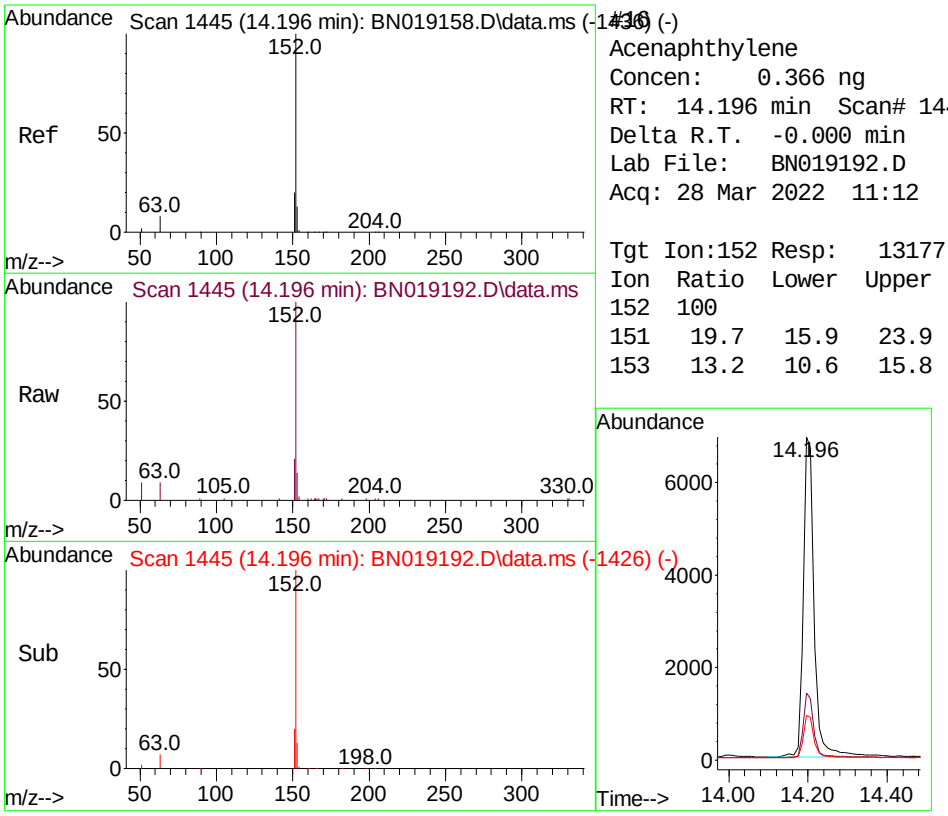


#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11849

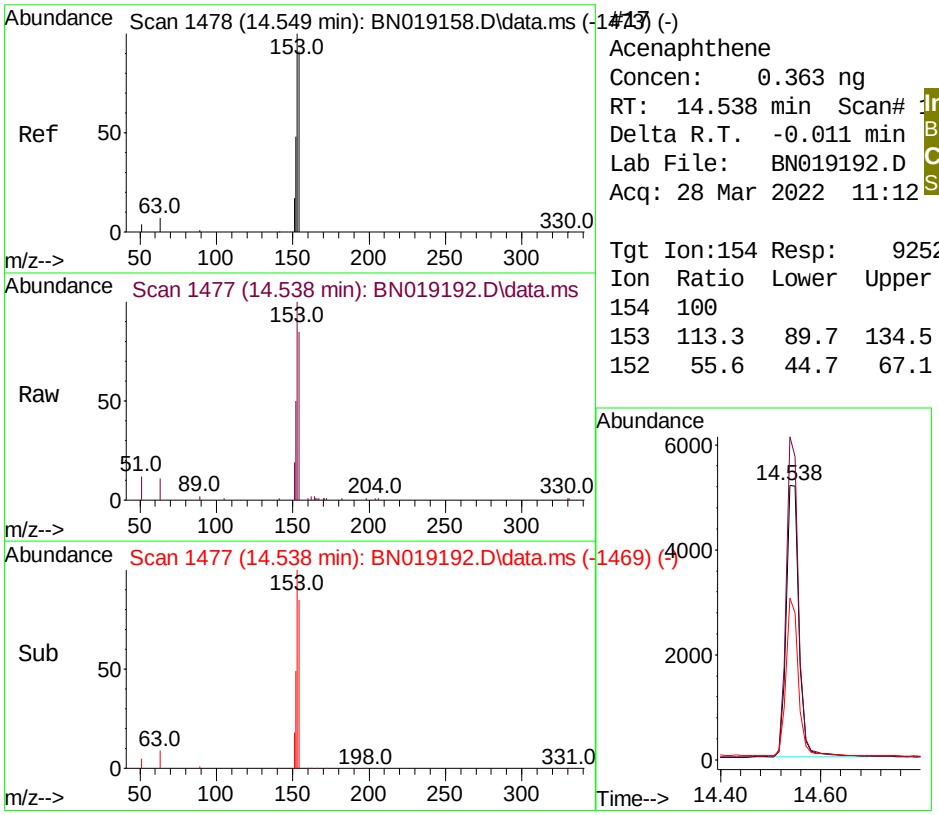
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	24.1	18.7	28.1



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:152 Resp: 13177

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.6	15.8

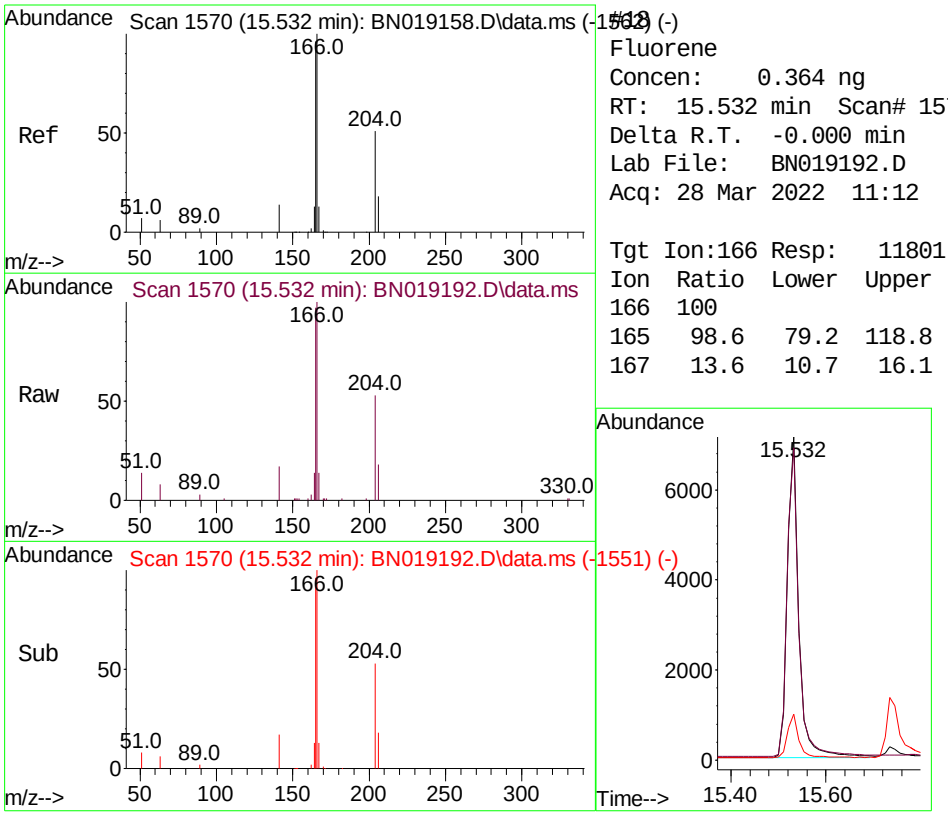


#17
Acenaphthene
Concen: 0.363 ng
RT: 14.538 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9252

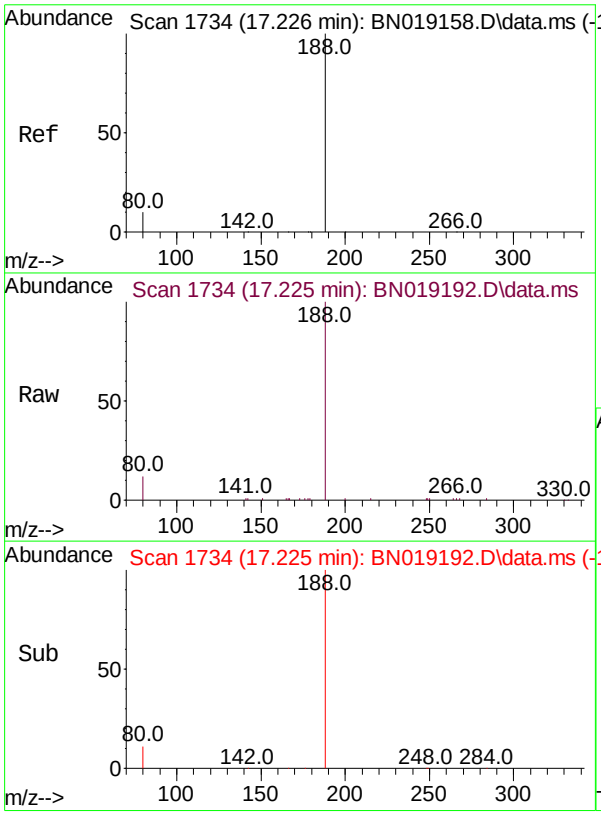
Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.7	134.5
152	55.6	44.7	67.1



#18
Fluorene
Concen: 0.364 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:166 Resp: 11801

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.2	118.8
167	13.6	10.7	16.1

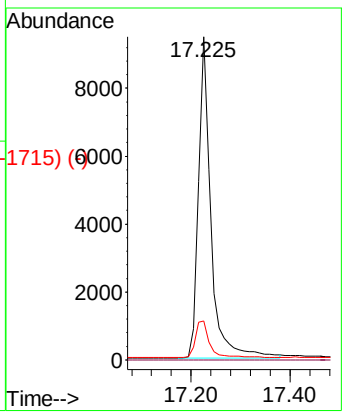


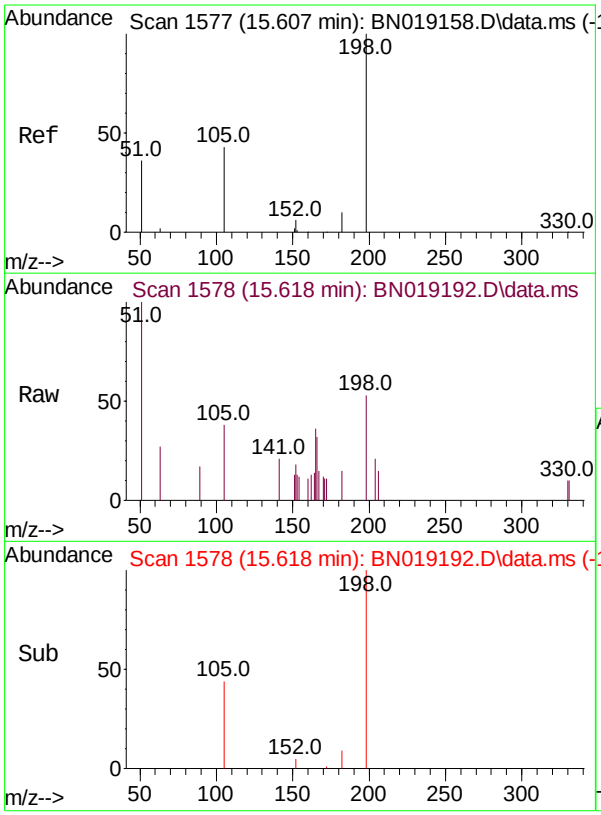
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16437

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	11.8	17.8

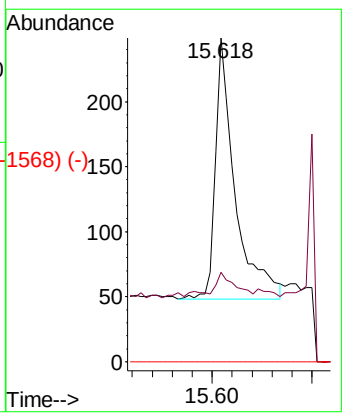


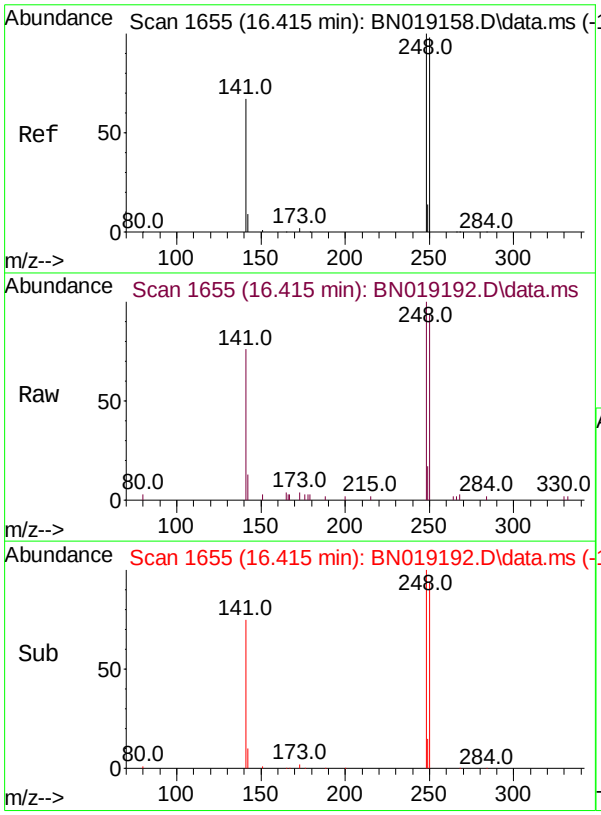


#20
4,6-Dinitro-2-methylphenol
Concen: 0.206 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:198 Resp: 551

Ion	Ratio	Lower	Upper
198	100		
182	27.7	13.0	19.4#
77	0.0	0.0	0.0



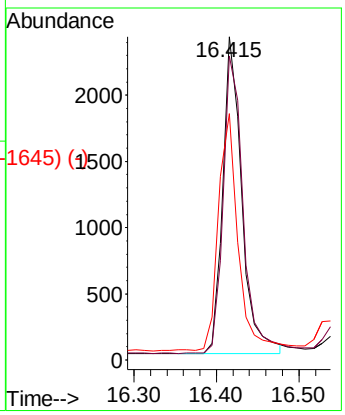


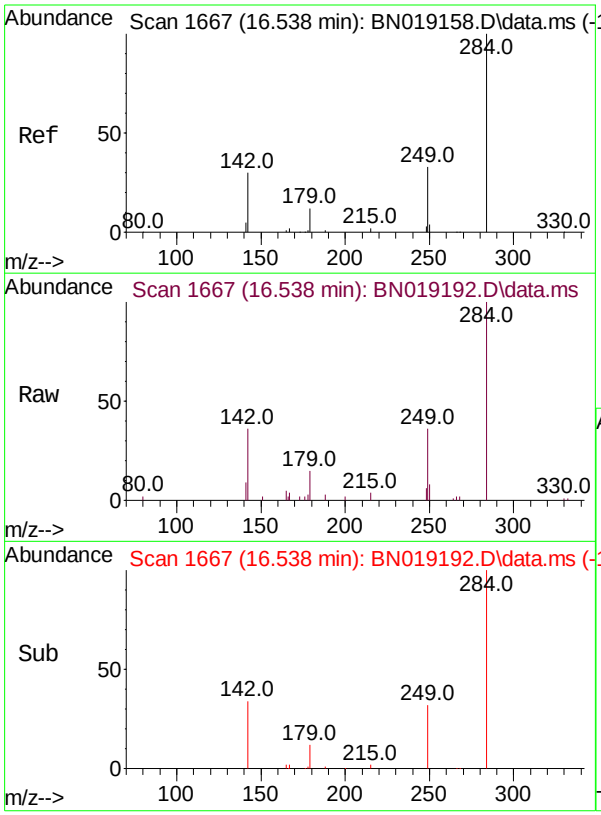
#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3833

Ion	Ratio	Lower	Upper
248	100		
250	94.0	80.7	121.1
141	76.2	39.6	59.4#

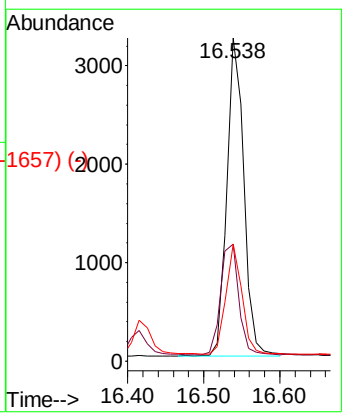


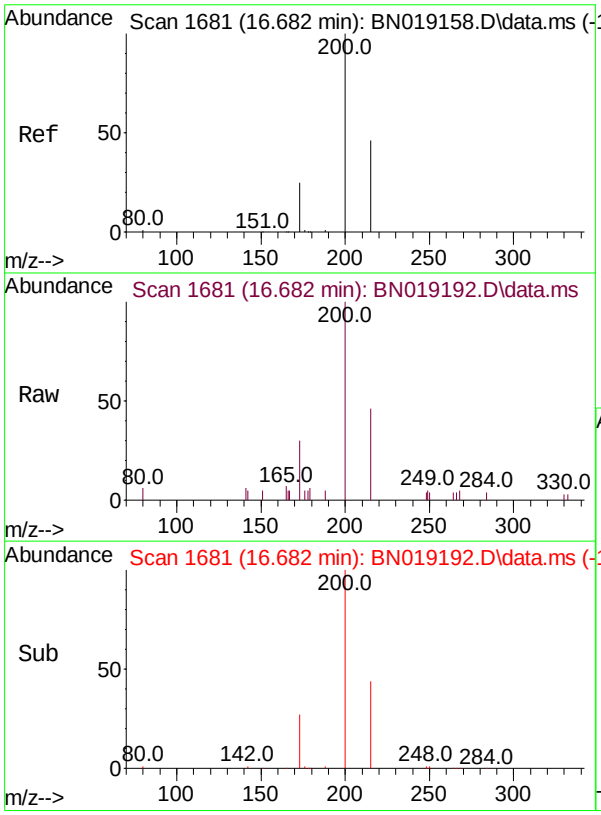


#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.538 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:284 Resp: 4983

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.8	44.8
249	32.6	26.2	39.2



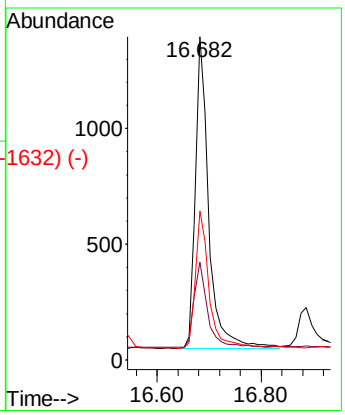


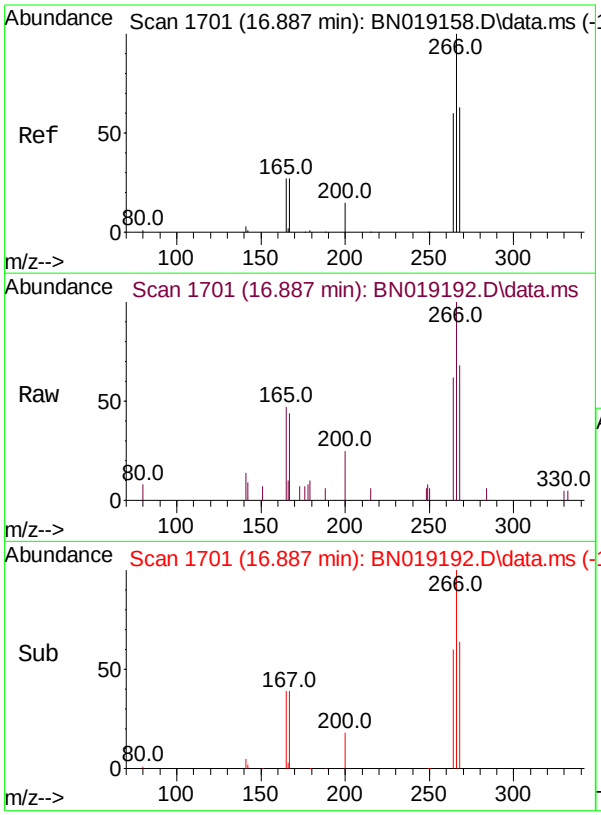
#22
Atrazine
Concen: 0.324 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2399

Ion	Ratio	Lower	Upper
200	100		
173	30.3	23.9	35.9
215	46.1	36.6	54.8

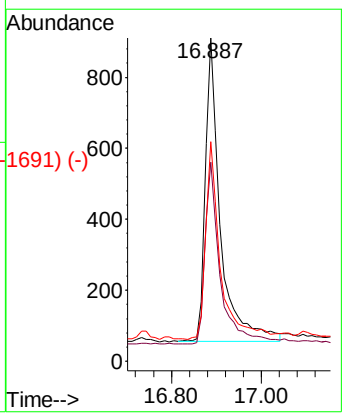


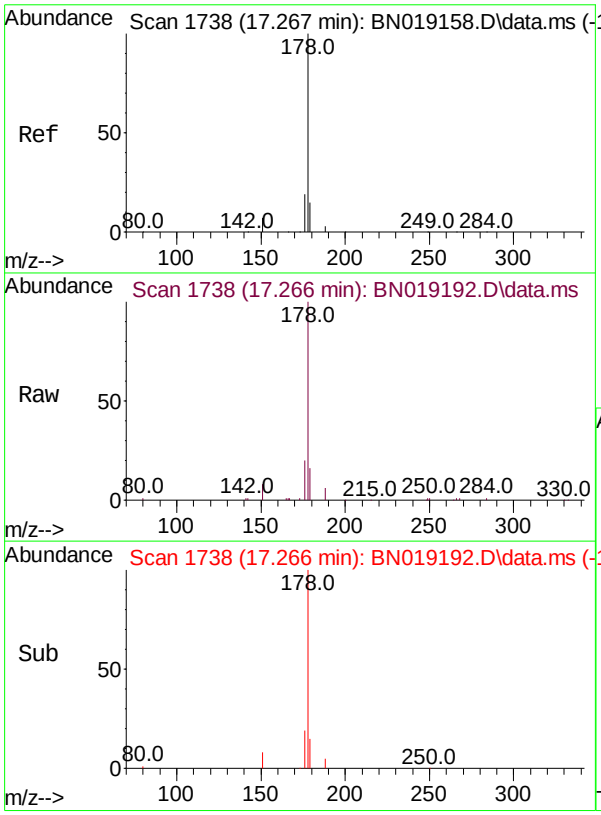


#24
Pentachlorophenol
Concen: 0.439 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:266 Resp: 1986

Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.2	75.4
268	64.7	51.9	77.9



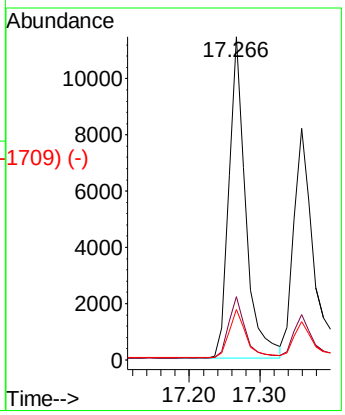


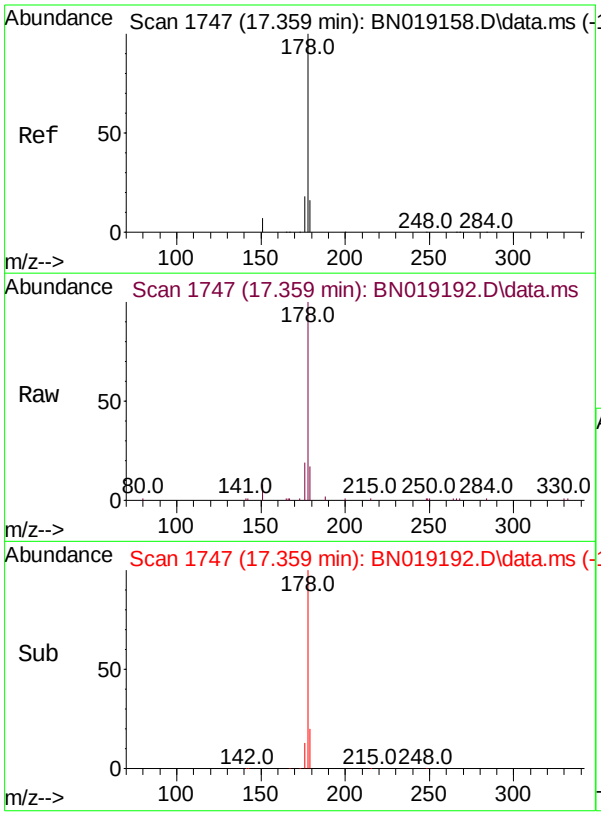
#25
Phenanthrene
Concen: 0.361 ng
RT: 17.266 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19019

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.2

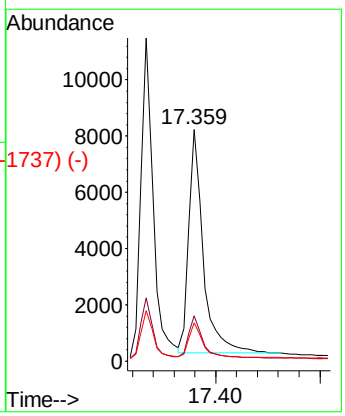


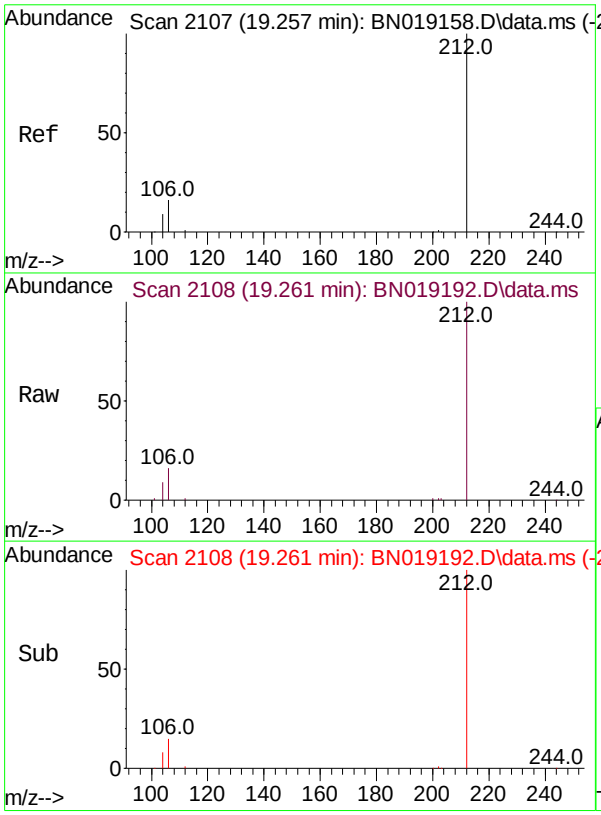


#26
Anthracene
Concen: 0.355 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:178 Resp: 15502

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.1	12.2	18.4



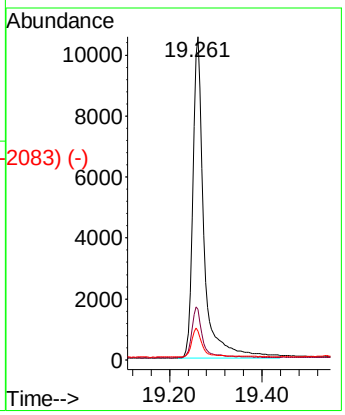


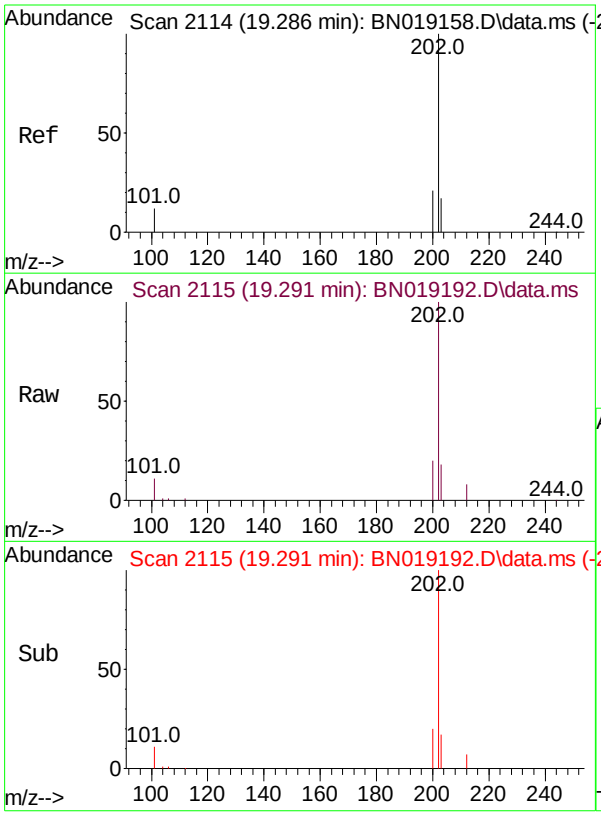
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.261 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17901

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.7	19.1
104	8.6	7.1	10.7

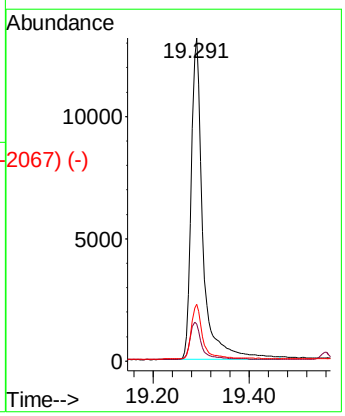


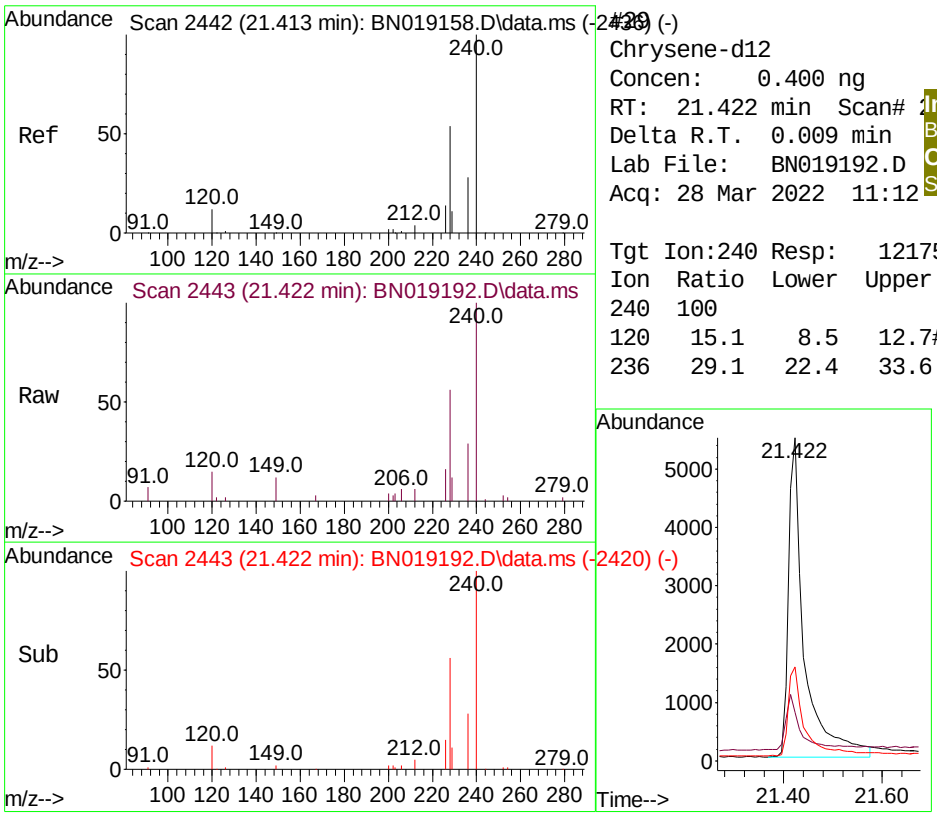


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.291 min Scan# 2115
Delta R.T. 0.004 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:202 Resp: 22221

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
203	16.4	13.7	20.5



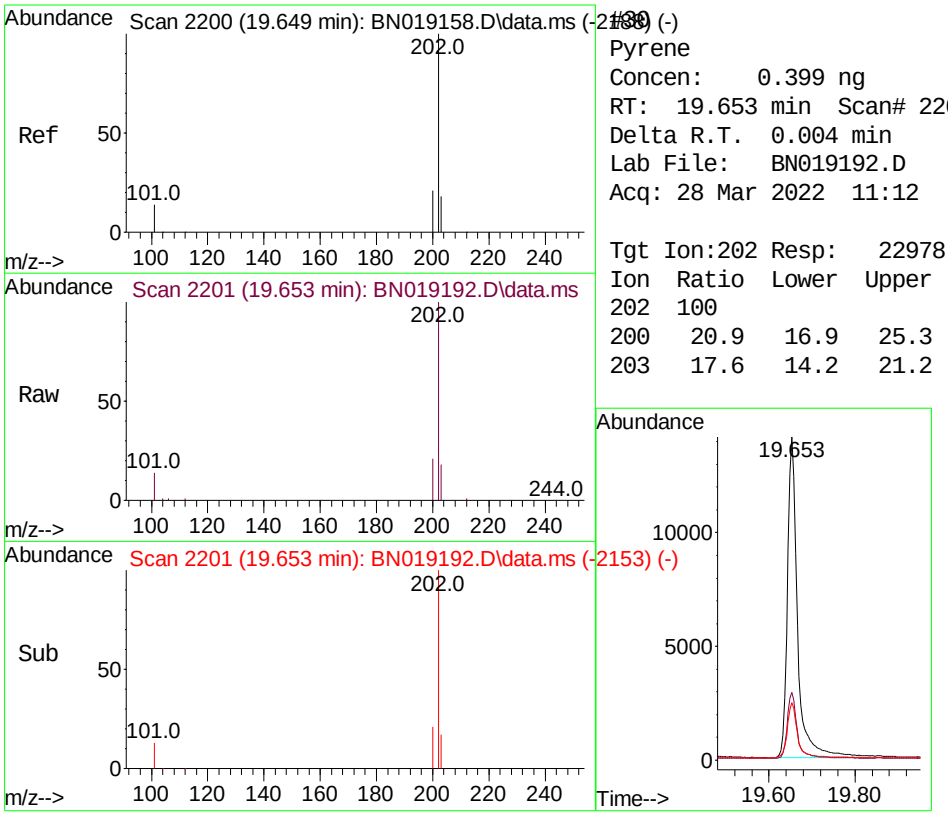


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12175

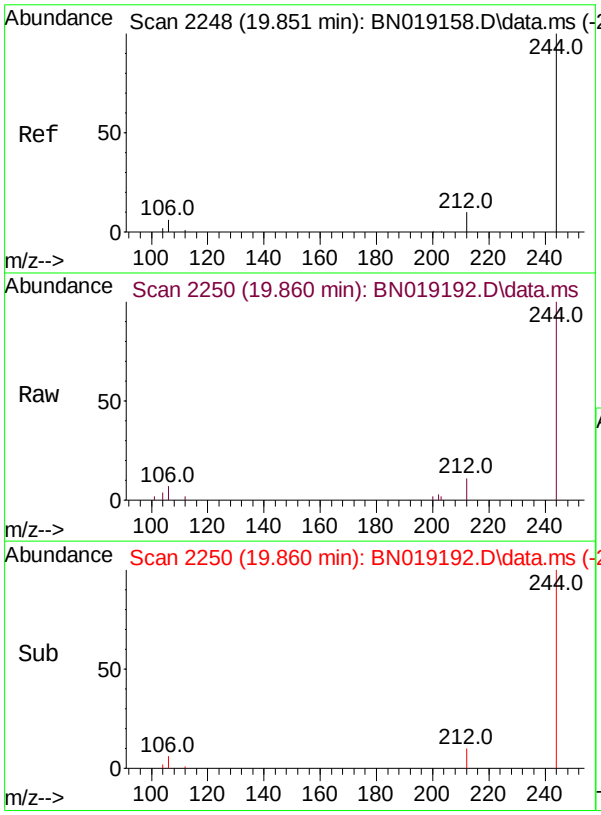
Ion	Ratio	Lower	Upper
240	100		
120	15.1	8.5	12.7#
236	29.1	22.4	33.6



#30
Pyrene
Concen: 0.399 ng
RT: 19.653 min Scan# 2201
Delta R.T. 0.004 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:202 Resp: 22978

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	14.2	21.2

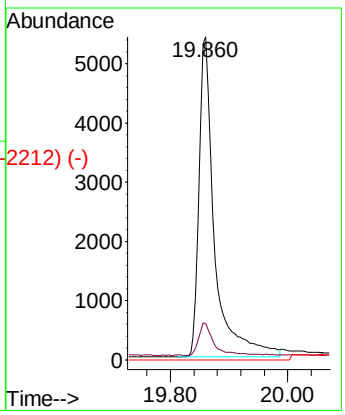


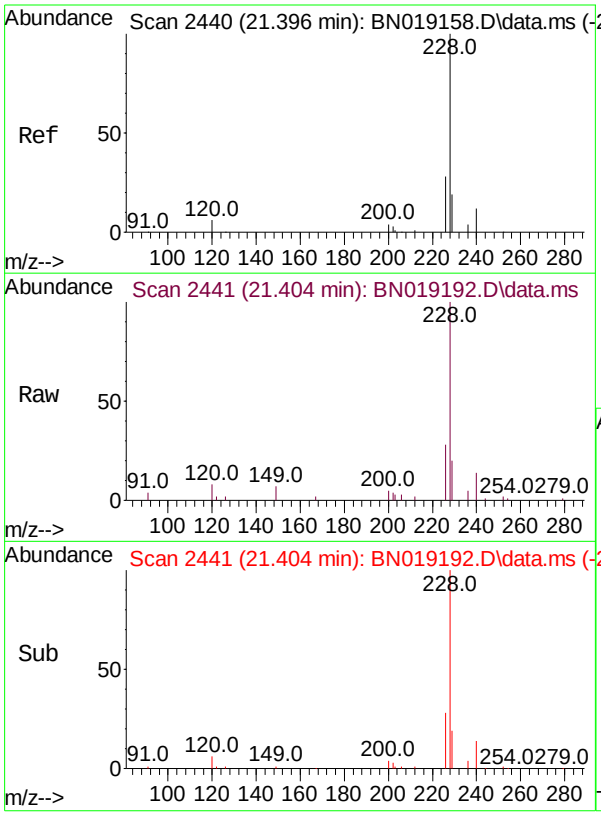
#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.860 min Scan# 1
Delta R.T. 0.008 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9875

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.2	12.4
122	0.0	0.0	0.0

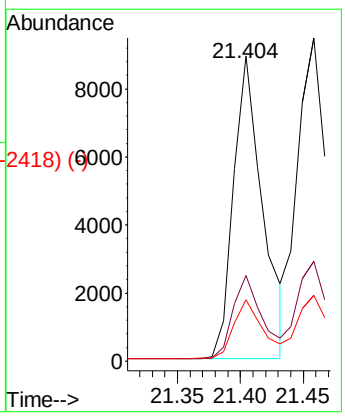


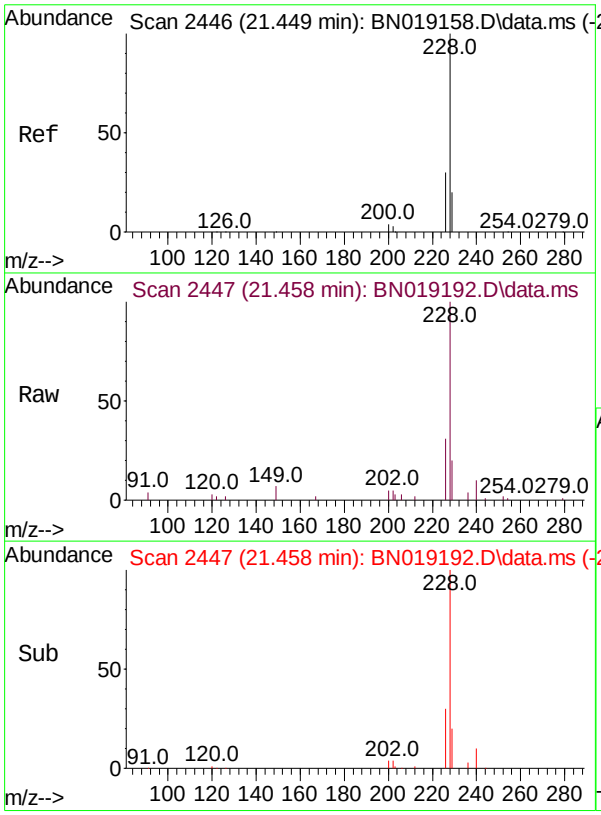


#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:228 Resp: 14264

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.9	32.9
229	20.0	16.0	24.0



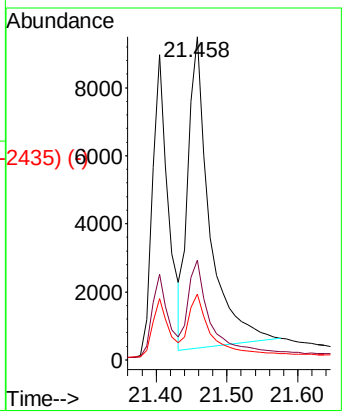


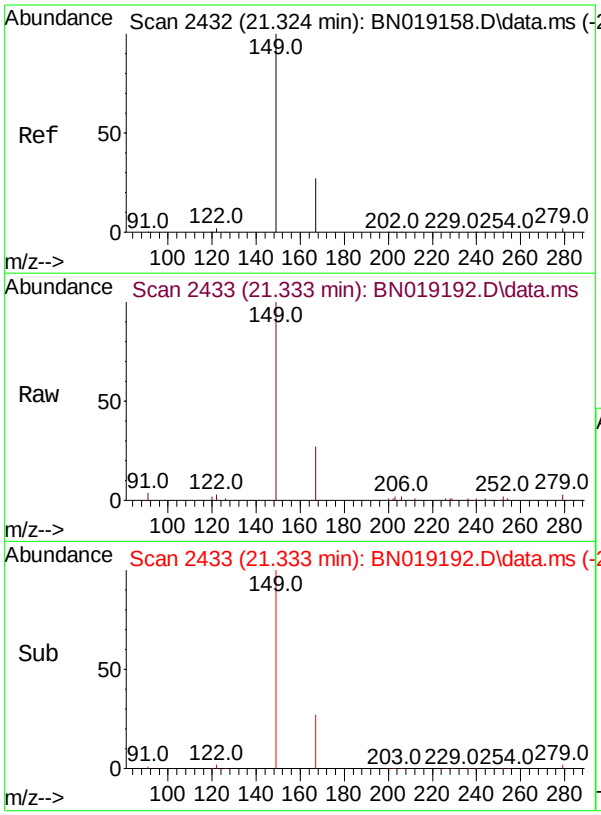
#33
Chrysene
Concen: 0.385 ng
RT: 21.458 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 19289

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	20.4	15.9	23.9

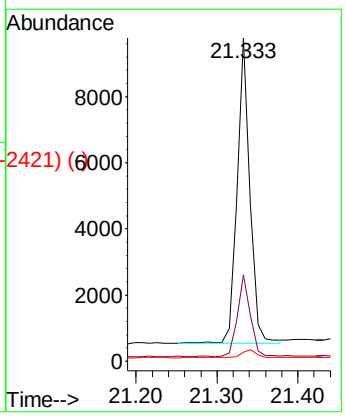


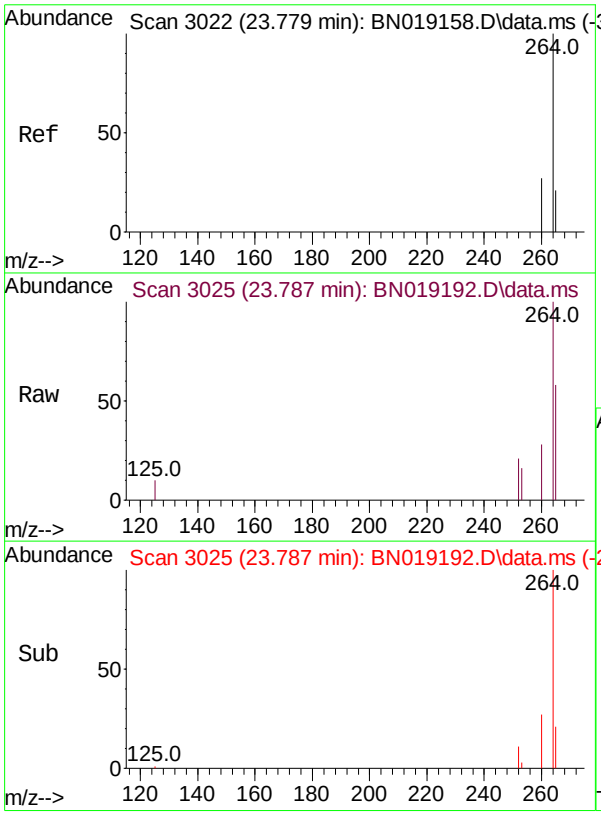


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.426 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:149 Resp: 10158

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	2.9	2.0	3.0



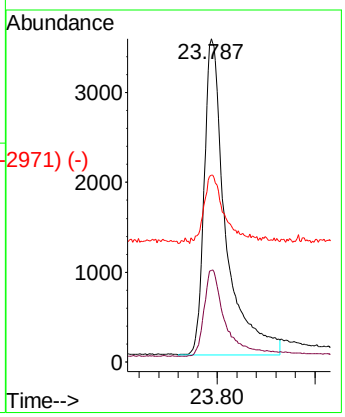


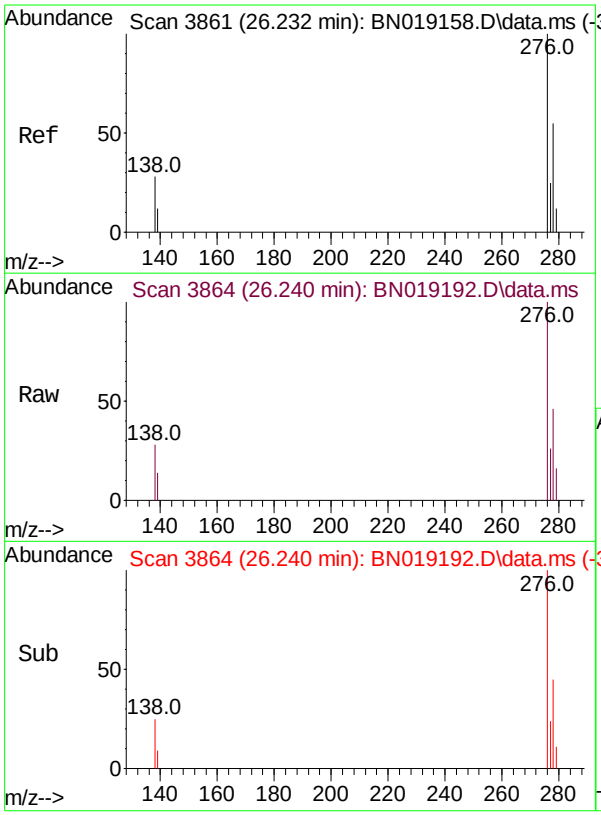
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 10765

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.4	33.6
265	57.9	25.3	37.9#

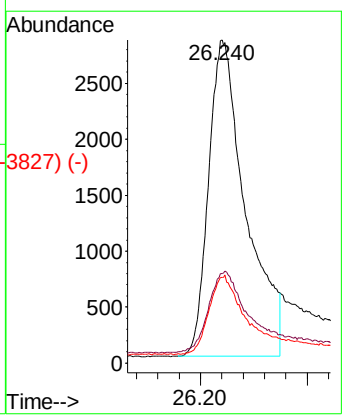


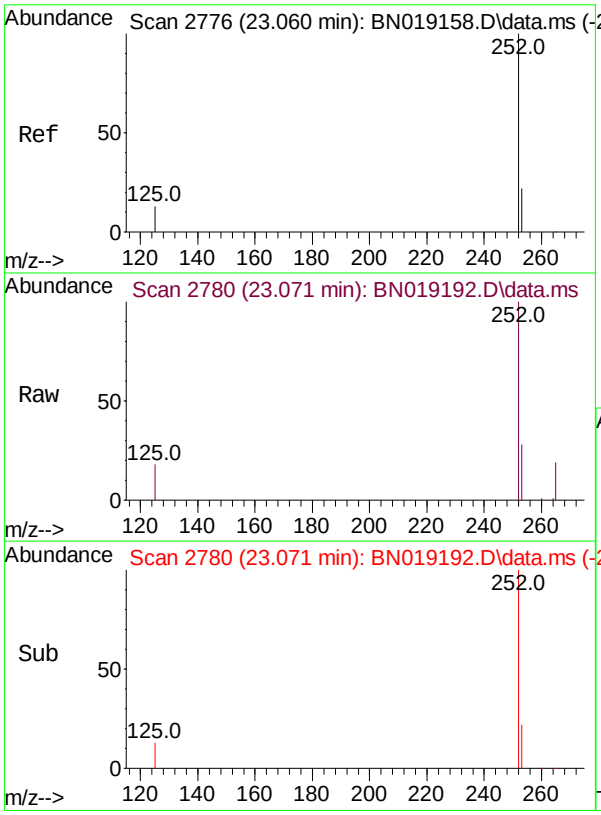


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 26.240 min Scan# 3864
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:276 Resp: 13702

Ion	Ratio	Lower	Upper
276	100		
138	26.1	24.5	36.7
277	24.4	19.8	29.8



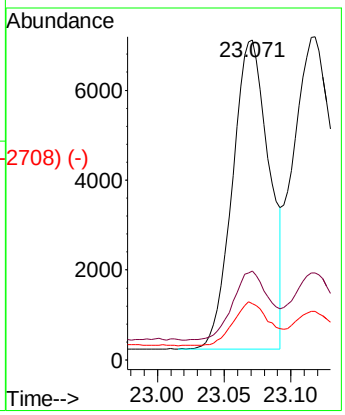


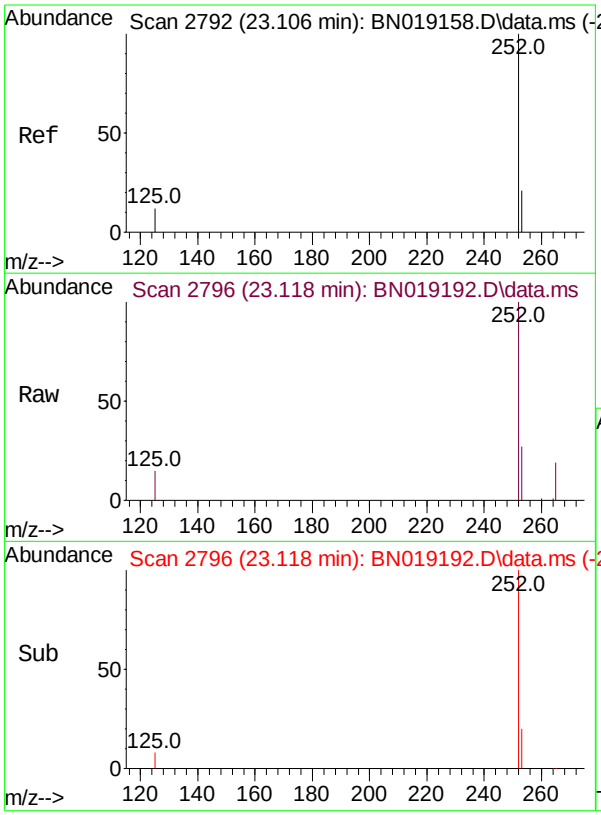
#37
Benzo(b)fluoranthene
Concen: 0.321 ng
RT: 23.071 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13131

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.9	28.3
125	17.5	12.1	18.1

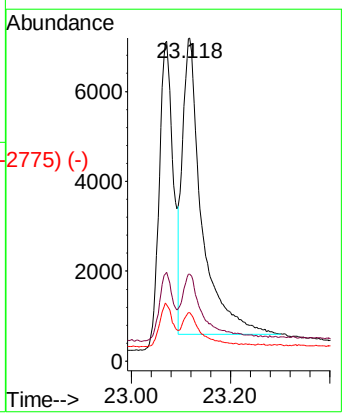


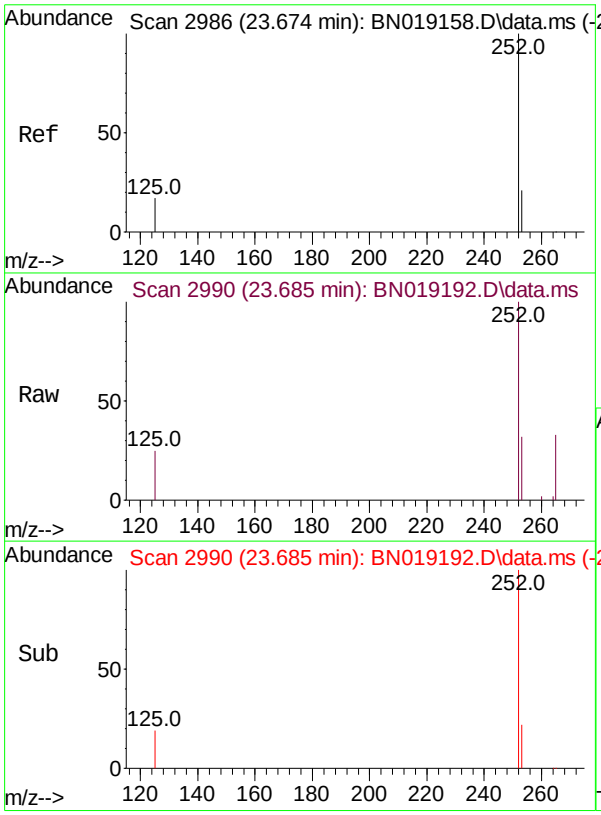


#38
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 23.118 min Scan# 2796
Delta R.T. 0.012 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:252 Resp: 17906

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.9	28.3
125	15.1	10.3	15.5



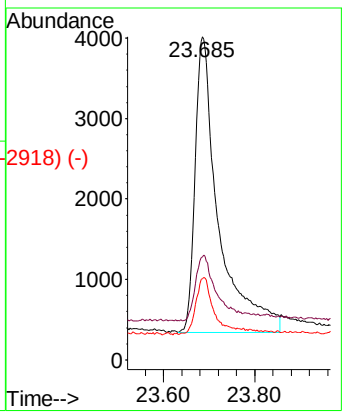


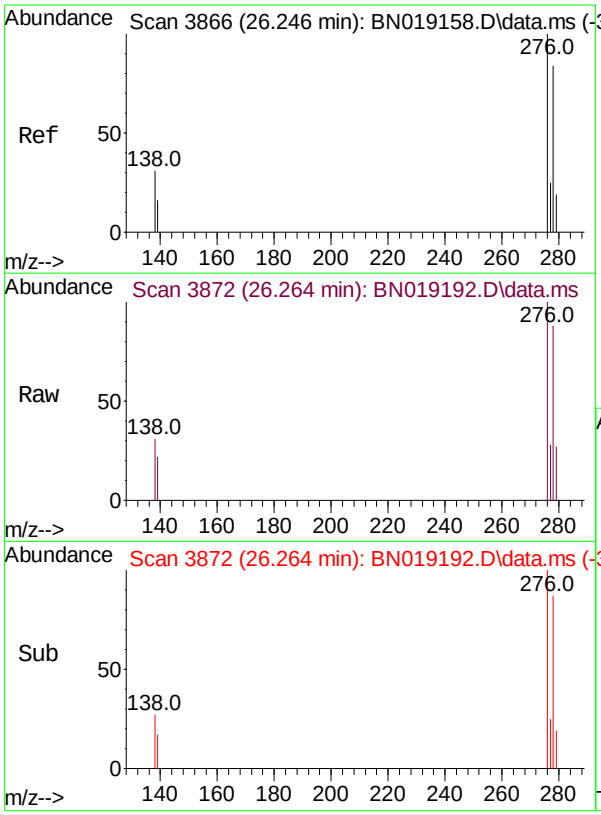
#39
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.685 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13102

Ion	Ratio	Lower	Upper
252	100		
253	31.9	20.1	30.1#
125	25.2	15.2	22.8#

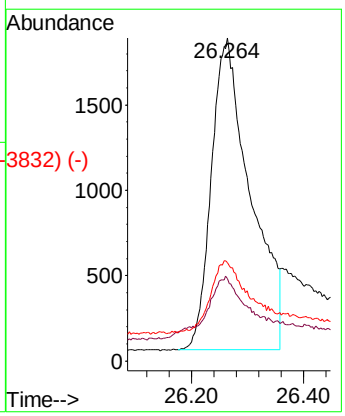


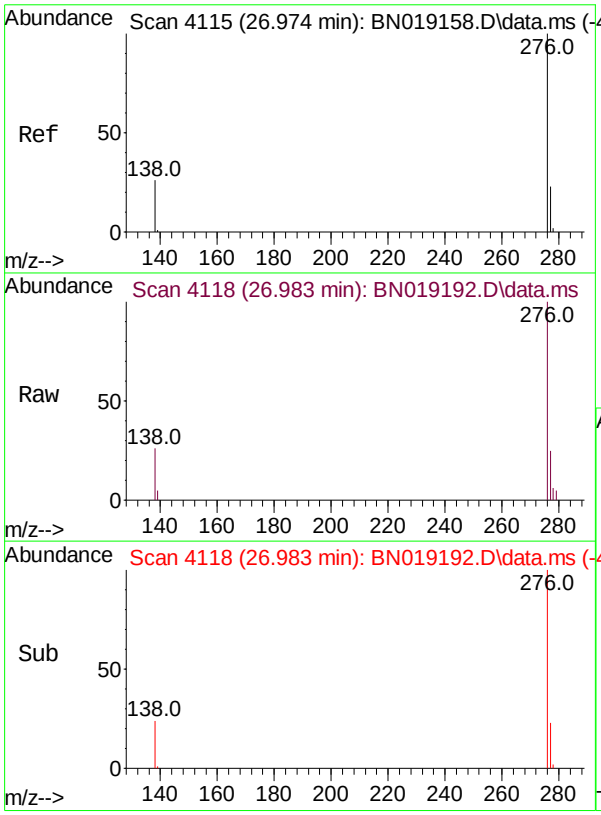


#40
Dibenzo(a,h)anthracene
Concen: 0.273 ng
RT: 26.264 min Scan# 3872
Delta R.T. 0.017 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Tgt Ion:278 Resp: 8856

Ion	Ratio	Lower	Upper
278	100		
139	25.5	17.2	25.8
279	30.4	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 26.983 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN019192.D
Acq: 28 Mar 2022 11:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15223

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	26.3	21.0	31.6