Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019510.D
Acq On : 20 Apr 2022 13:09
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 20 15:57:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:55:07 2022
Response via : Initial Calibration

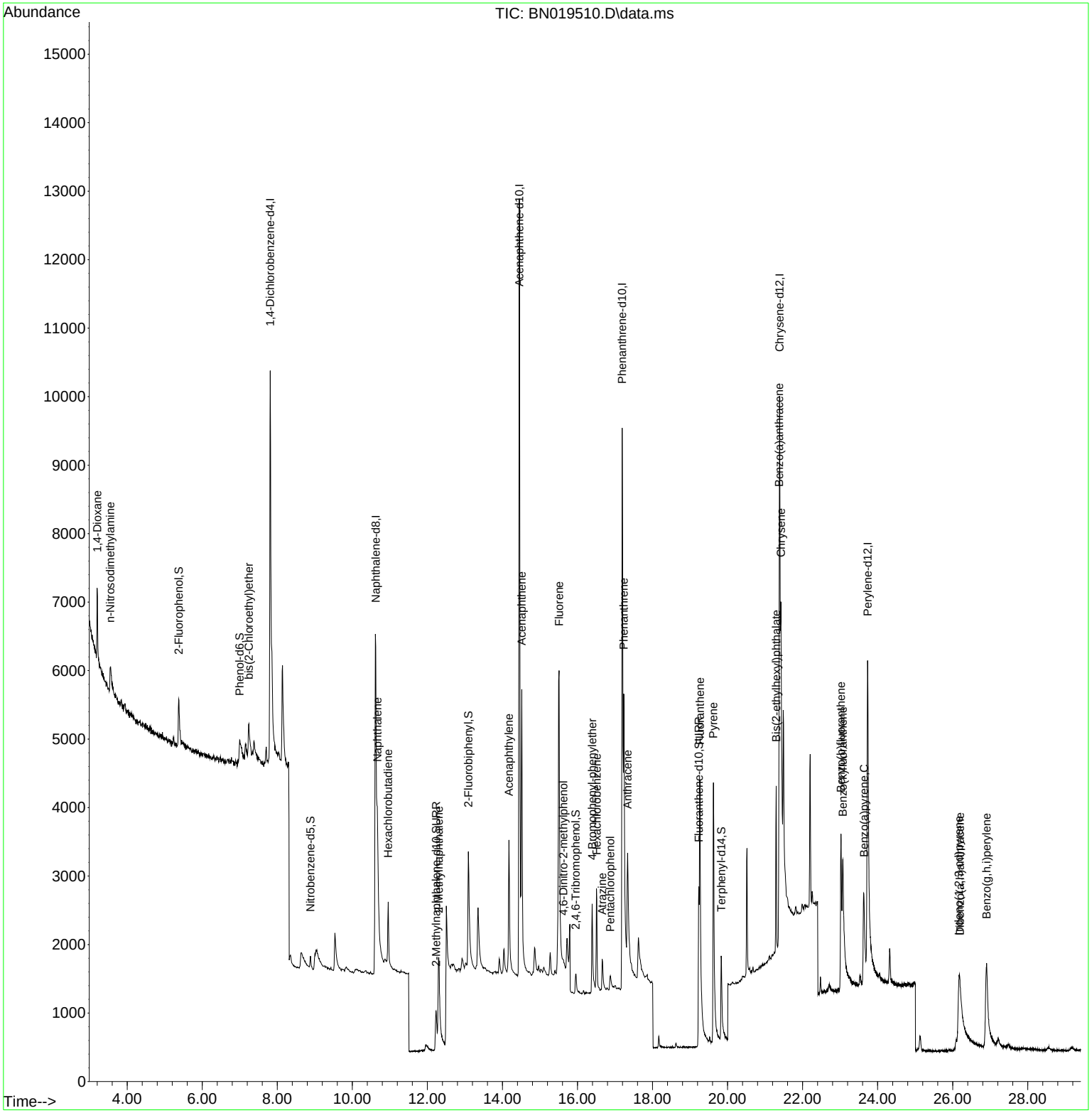
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	4451	0.400	ng		0.00
7) Naphthalene-d8	10.624	136	11834	0.400	ng		# 0.01
13) Acenaphthene-d10	14.450	164	7810	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	16696	0.400	ng		0.00
29) Chrysene-d12	21.386	240	11934	0.400	ng		# 0.00
35) Perylene-d12	23.731	264	9717	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	942	0.079	ng		0.00
5) Phenol-d6	6.996	99	615	0.043	ng		0.01
8) Nitrobenzene-d5	8.884	82	151	0.014	ng		-0.10
11) 2-Methylnaphthalene-d10	12.232	152	1763	0.085	ng		0.02
14) 2,4,6-Tribromophenol	15.951	330	269	0.057	ng		0.00
15) 2-Fluorobiphenyl	13.092	172	2660	0.082	ng		0.00
27) Fluoranthene-d10	19.231	212	4484	0.083	ng		0.00
31) Terphenyl-d14	19.830	244	2645	0.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	637	0.120	ng		97
3) n-Nitrosodimethylamine	3.551	42	414	0.059	ng		87
6) bis(2-Chloroethyl)ether	7.242	93	892	0.062	ng		94
9) Naphthalene	10.667	128	3375	0.097	ng	#	91
10) Hexachlorobutadiene	10.955	225	790	0.104	ng	#	99
12) 2-Methylnaphthalene	12.304	142	2060	0.085	ng	#	95
16) Acenaphthylene	14.172	152	2916	0.075	ng		99
17) Acenaphthene	14.514	154	2311	0.090	ng		98
18) Fluorene	15.508	166	2941	0.086	ng		96
20) 4,6-Dinitro-2-methylph...	15.626	198	100	0.033	ng	#	1
21) 4-Bromophenyl-phenylether	16.392	248	852	0.076	ng	#	88
22) Hexachlorobenzene	16.515	284	1218	0.093	ng		99
23) Atrazine	16.659	200	657	0.071	ng	#	82
24) Pentachlorophenol	16.874	266	243	0.047	ng		95
25) Phenanthrene	17.233	178	4809	0.086	ng		100
26) Anthracene	17.336	178	3304	0.067	ng		99
28) Fluoranthene	19.265	202	5387	0.081	ng		97
30) Pyrene	19.623	202	5663	0.102	ng		99
32) Benzo(a)anthracene	21.377	228	3120	0.071	ng		96
33) Chrysene	21.422	228	4217	0.086	ng		97
34) Bis(2-ethylhexyl)phtha...	21.296	149	2373	0.072	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.164	276	2985	0.073	ng	#	70
37) Benzo(b)fluoranthene	23.024	252	3133	0.082	ng	#	68
38) Benzo(k)fluoranthene	23.068	252	3140	0.079	ng	#	75
39) Benzo(a)pyrene	23.638	252	2719	0.079	ng	#	44
40) Dibenzo(a,h)anthracene	26.193	278	1617	0.051	ng	#	49
41) Benzo(g,h,i)perylene	26.904	276	3964	0.105	ng	#	88

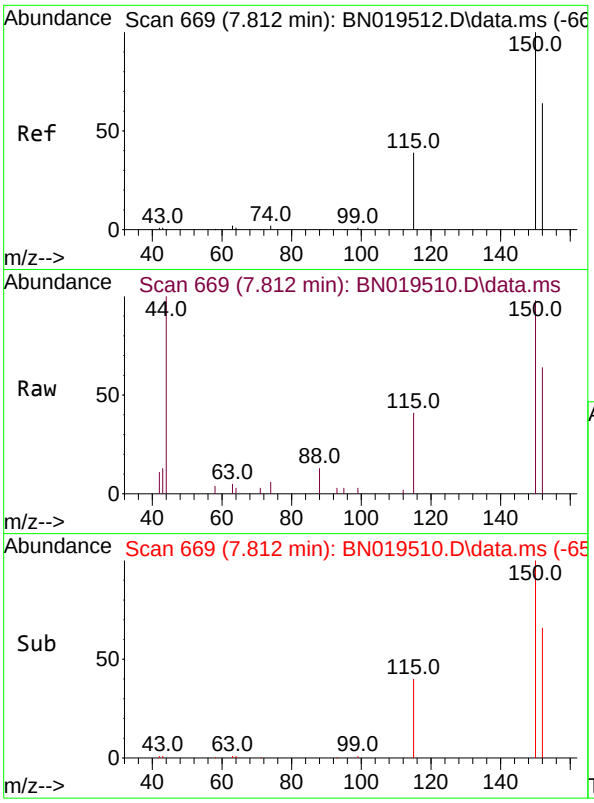
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019510.D
Acq On : 20 Apr 2022 13:09
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 20 15:57:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:55:07 2022
Response via : Initial Calibration



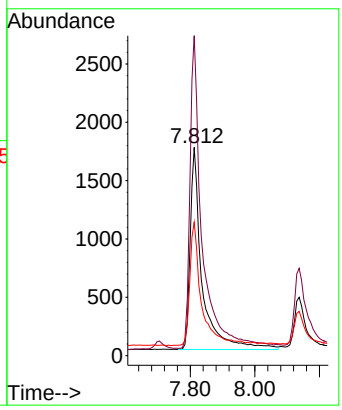


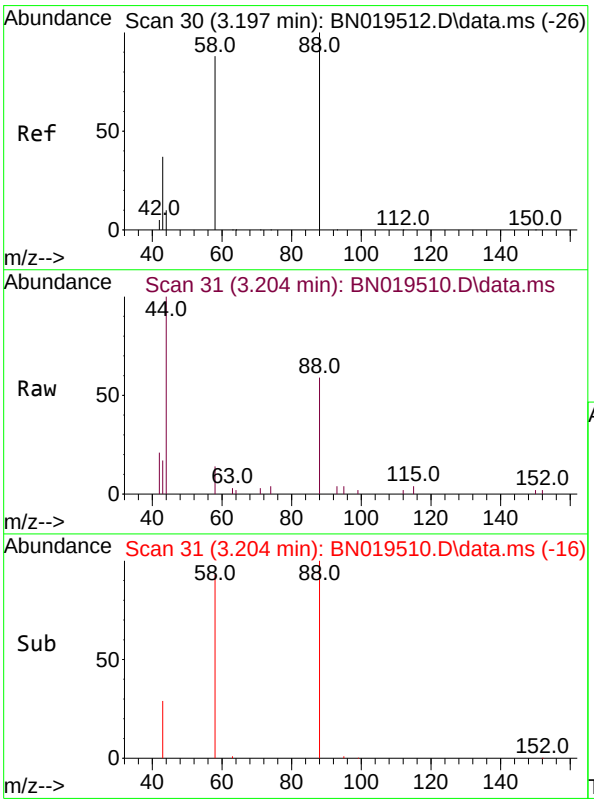
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4451

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.9	185.9
115	64.1	48.2	72.4

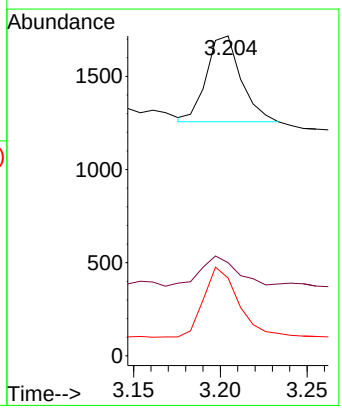


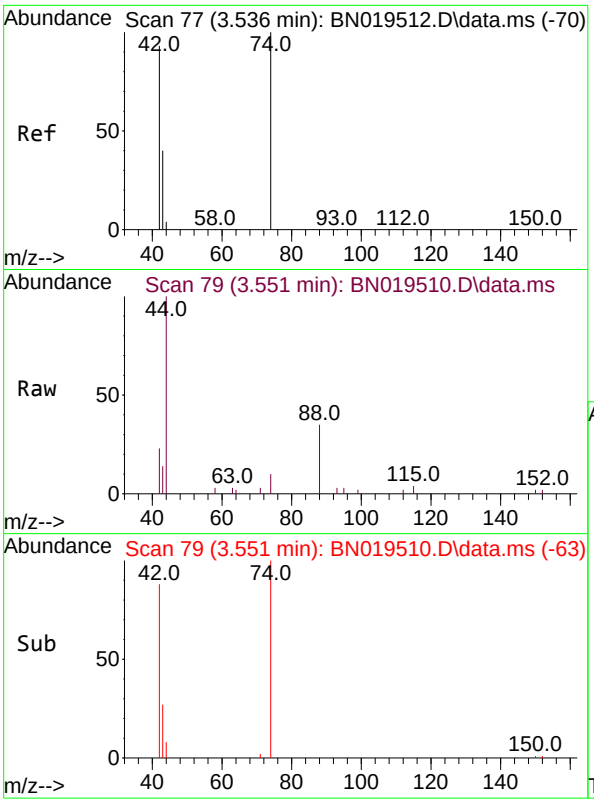


#2
1,4-Dioxane
Concen: 0.120 ng
RT: 3.204 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion: 88 Resp: 637

Ion	Ratio	Lower	Upper
88	100		
43	36.3	24.6	37.0
58	82.3	65.4	98.2



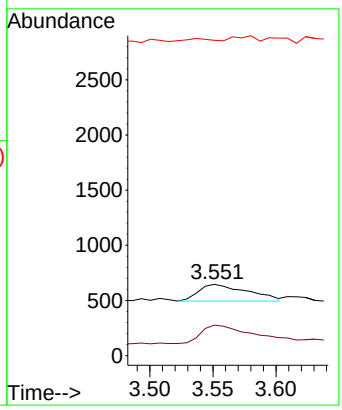


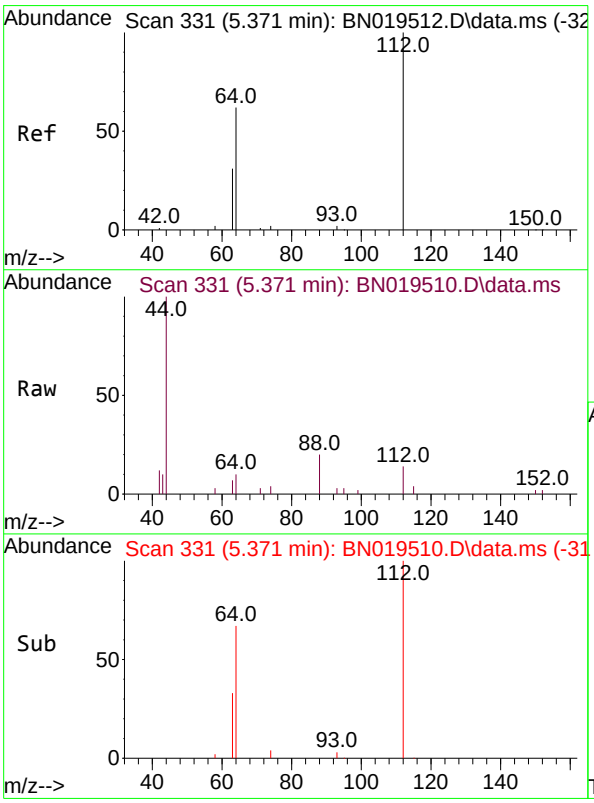
#3
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.551 min Scan# 7
Delta R.T. 0.015 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 414

Ion	Ratio	Lower	Upper
42	100		
74	135.7	96.9	145.3
44	10.9	7.3	10.9

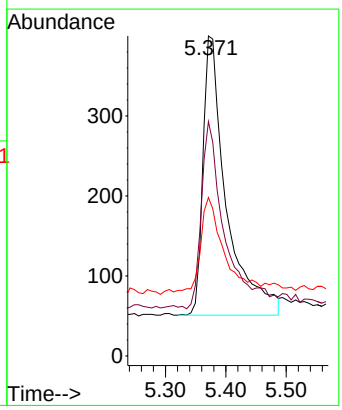


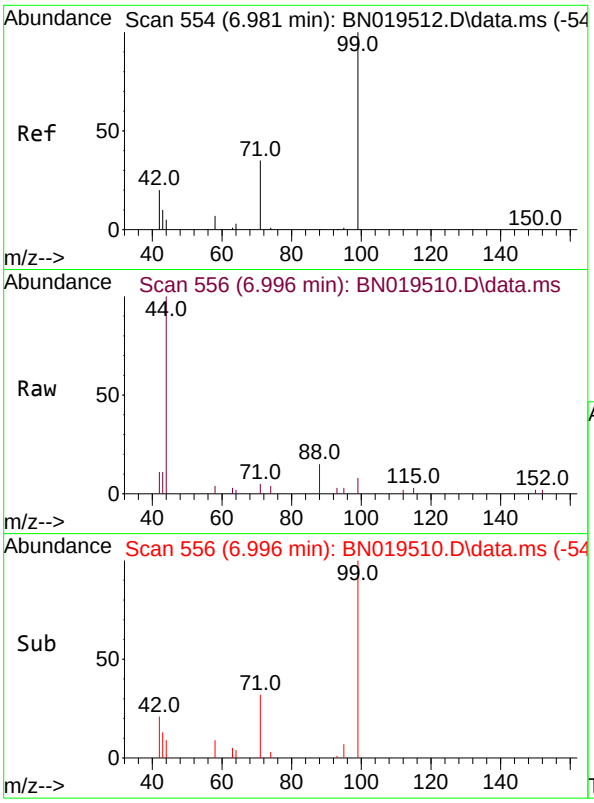


#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.371 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:112 Resp: 942

Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.8	71.8
63	33.7	25.7	38.5



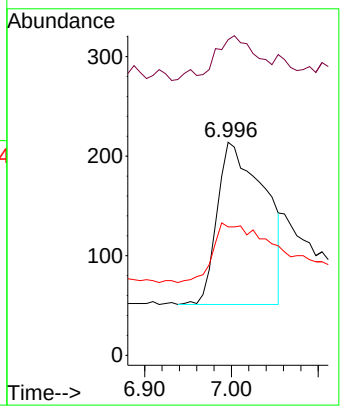


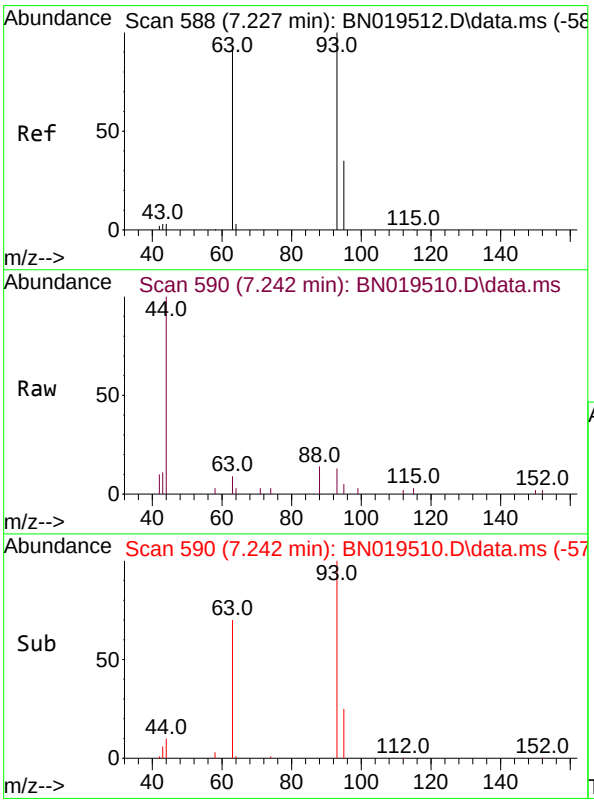
#5
Phenol-d6
Concen: 0.043 ng
RT: 6.996 min Scan# 5
Delta R.T. 0.015 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 615

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.2	24.4
71	40.2	27.7	41.5

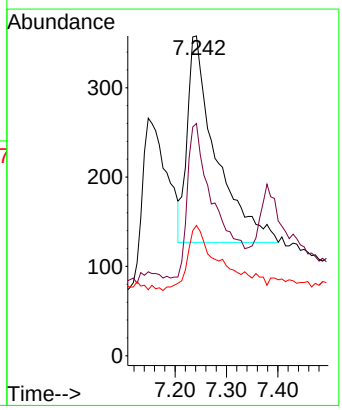


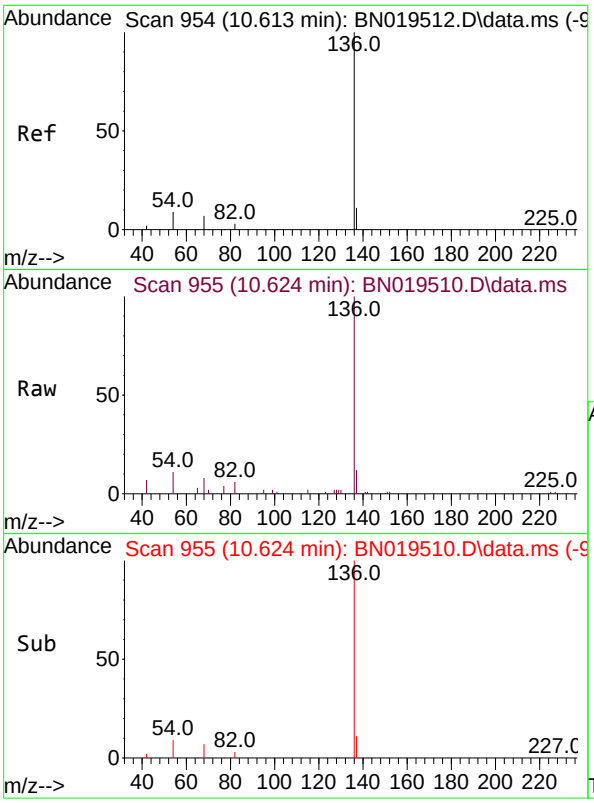


#6
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 7.242 min Scan# 590
Delta R.T. 0.015 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion: 93 Resp: 892

Ion	Ratio	Lower	Upper
93	100		
63	72.1	62.8	94.2
95	34.4	26.2	39.4



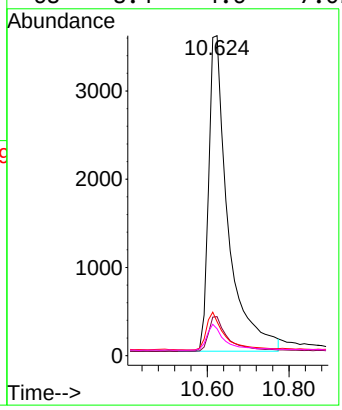


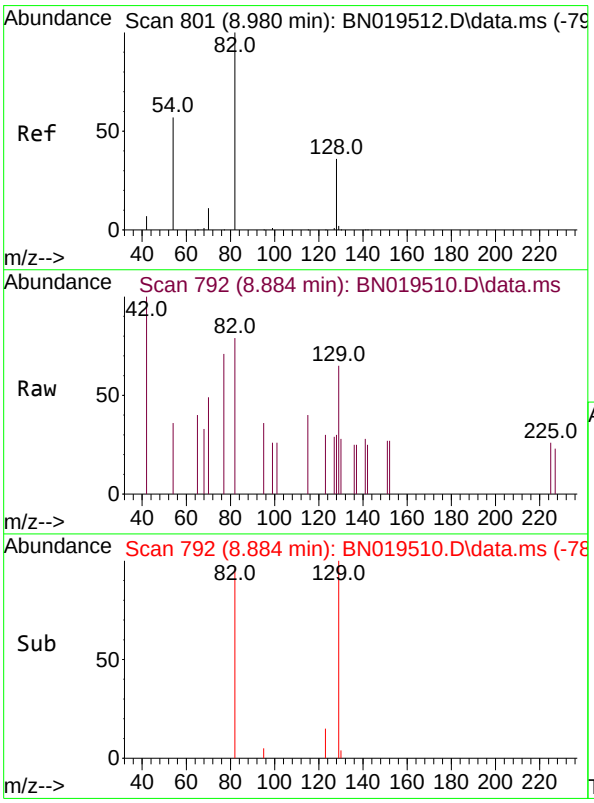
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.624 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 11834

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.4
54	10.6	5.8	8.6#
68	8.4	4.6	7.0#

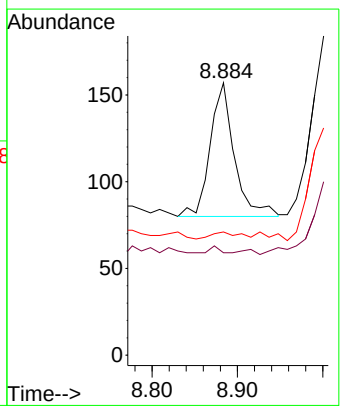


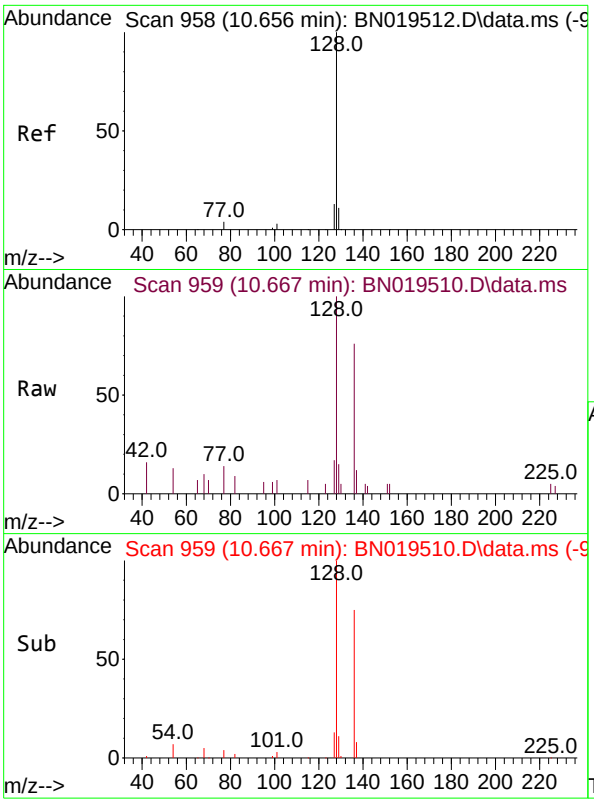


#8
Nitrobenzene-d5
Concen: 0.014 ng
RT: 8.884 min Scan# 792
Delta R.T. -0.096 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion: 82 Resp: 151

Ion	Ratio	Lower	Upper
82	100		
128	37.6	33.0	49.6
54	45.2	42.5	63.7



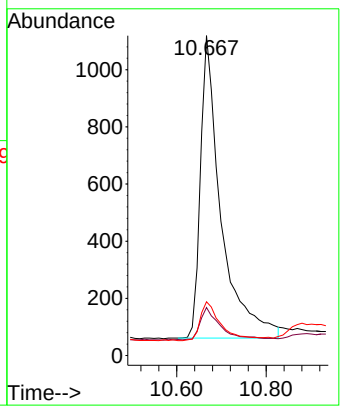


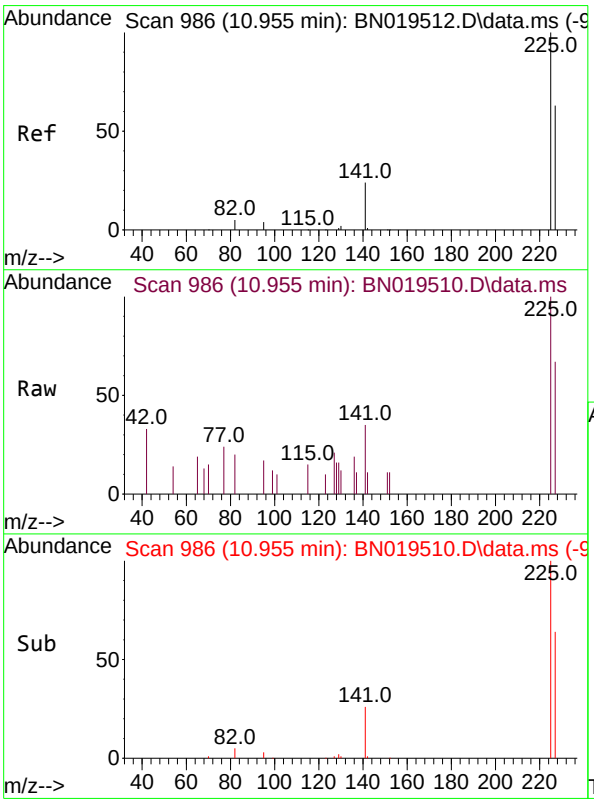
#9
Naphthalene
Concen: 0.097 ng
RT: 10.667 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3375

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.0	13.4#
127	16.8	10.7	16.1#

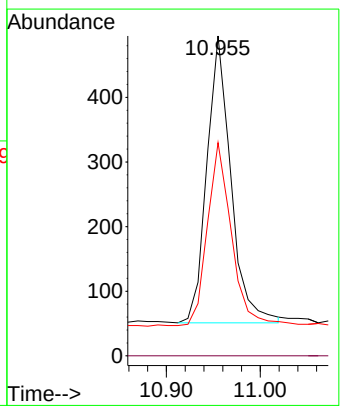


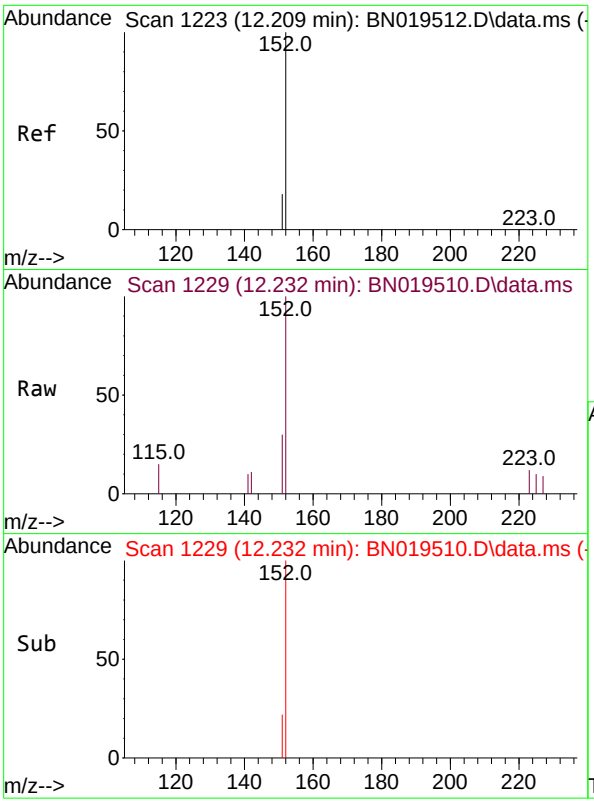


#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.955 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:225 Resp: 790

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.0	76.6



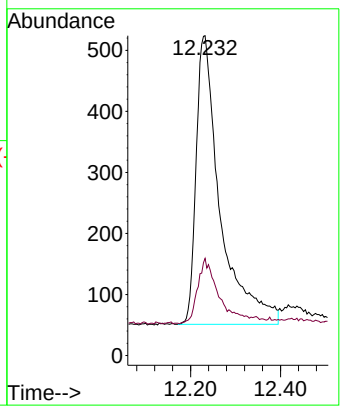


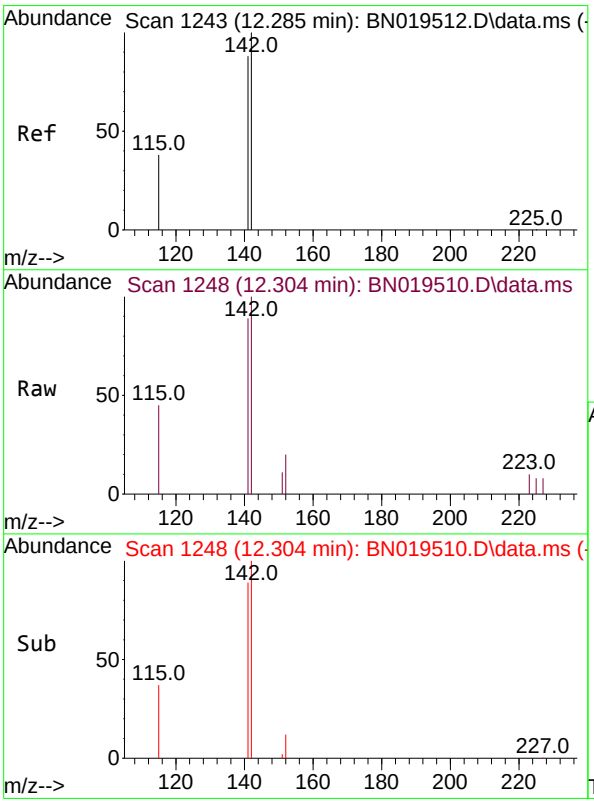
#11
2-Methylnaphthalene-d10
Concen: 0.085 ng
RT: 12.232 min Scan# 1
Delta R.T. 0.023 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1763

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7

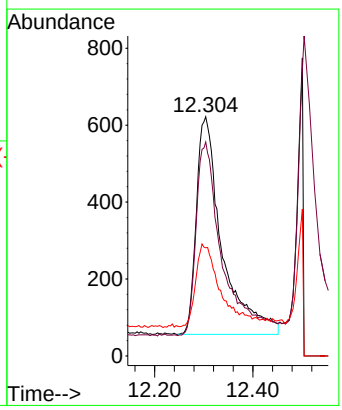


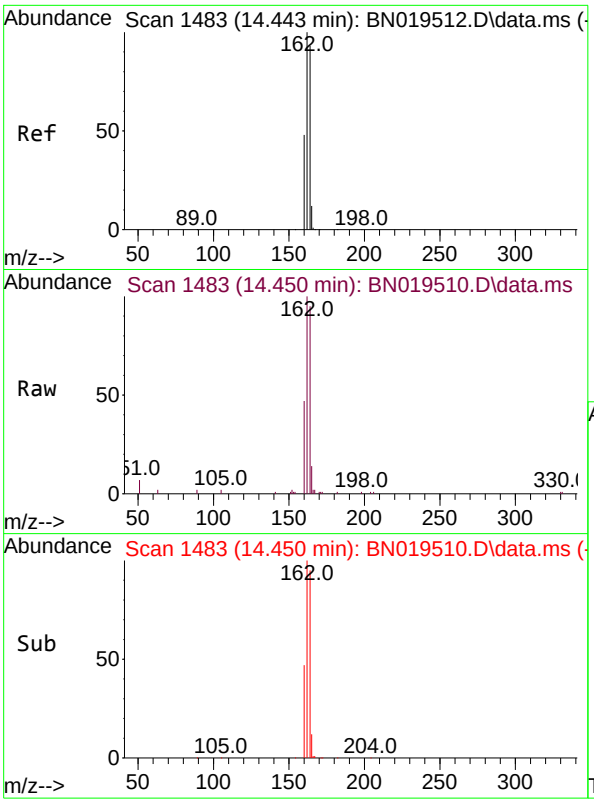


#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.304 min Scan# 1248
Delta R.T. 0.019 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:142 Resp: 2060

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.0	105.0
115	45.2	29.8	44.8#



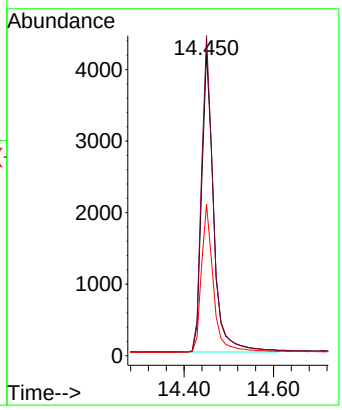


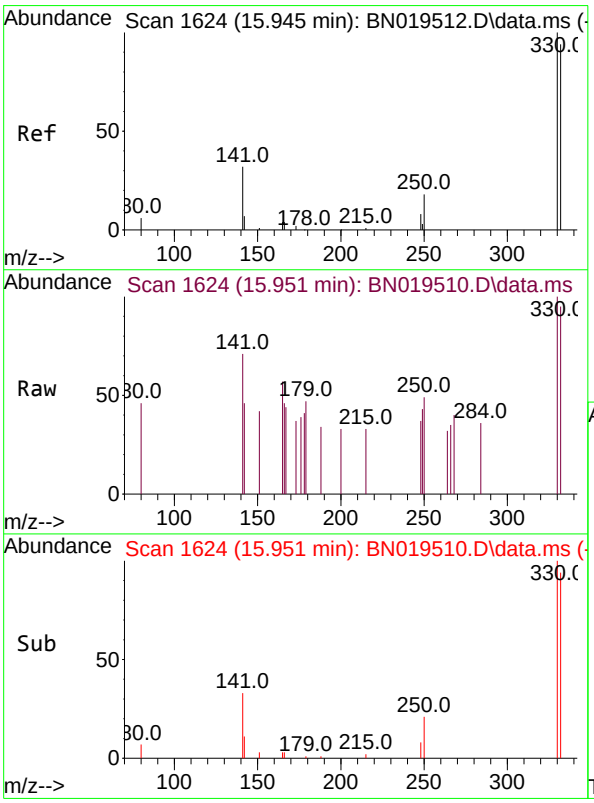
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7810

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.2	127.8
160	49.8	41.5	62.3

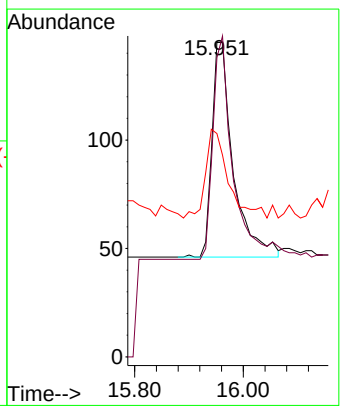


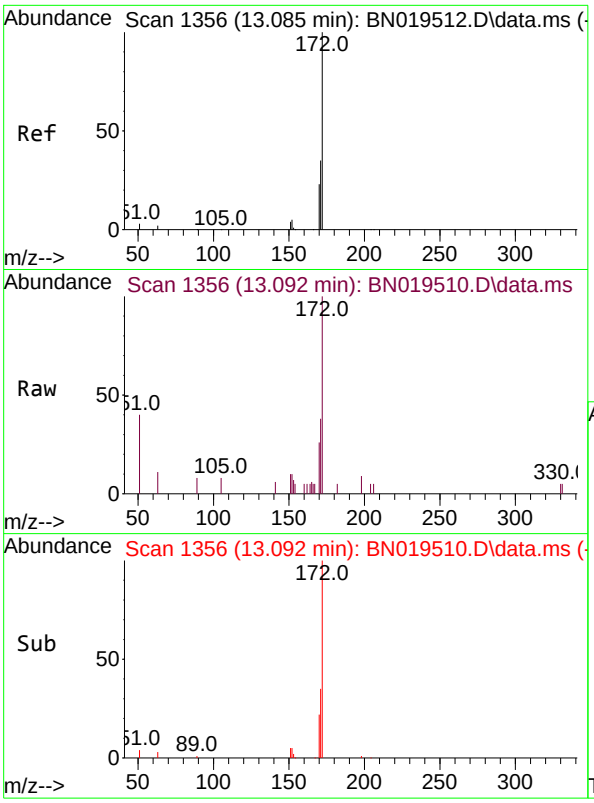


#14
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:330 Resp: 269

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.8	115.2#
141	43.5	32.2	48.2



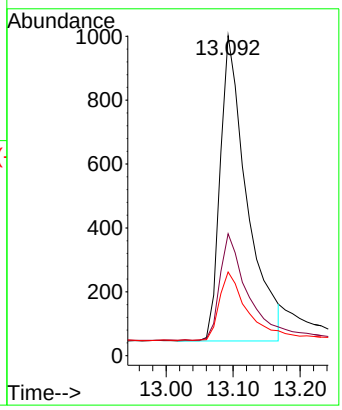


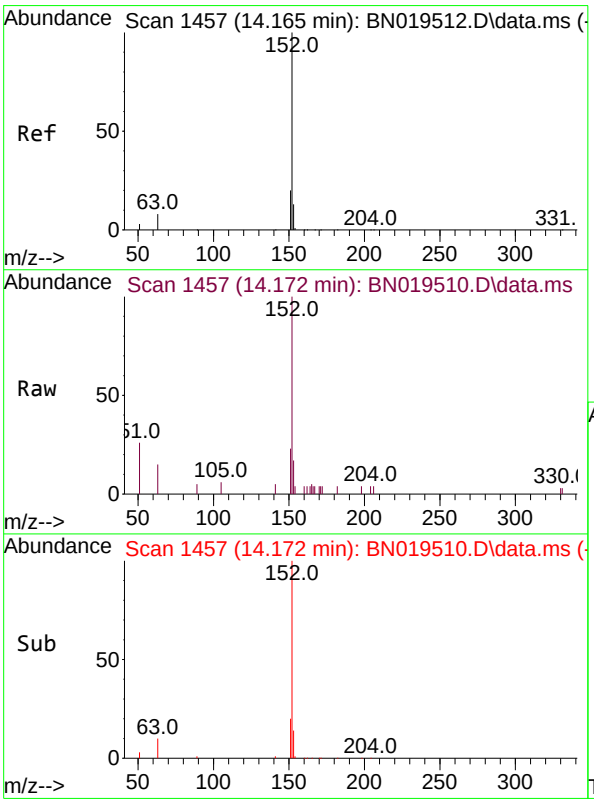
#15
2-Fluorobiphenyl
Concen: 0.082 ng
RT: 13.092 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2660

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.2	42.2
170	26.1	18.7	28.1

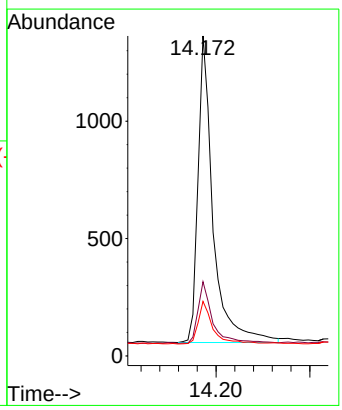


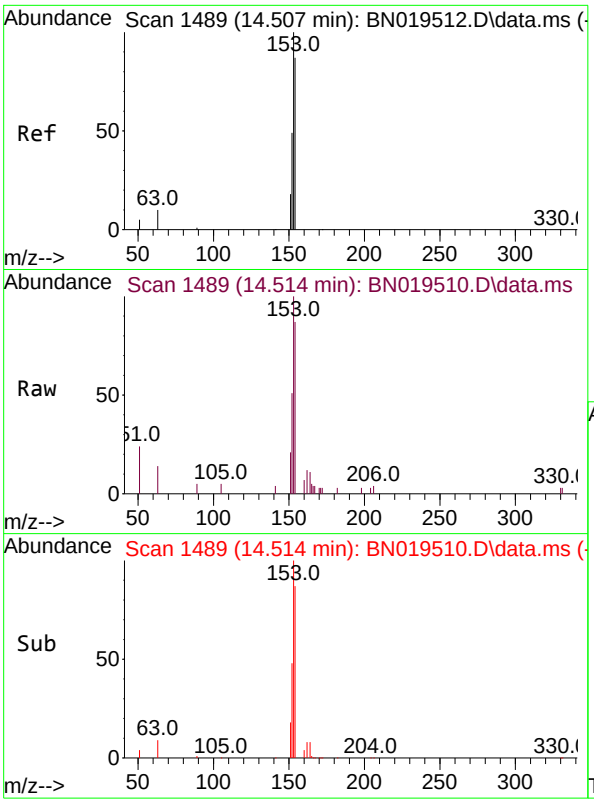


#16
Acenaphthylene
Concen: 0.075 ng
RT: 14.172 min Scan# 1457
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:152 Resp: 2916

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.4	10.6	15.8



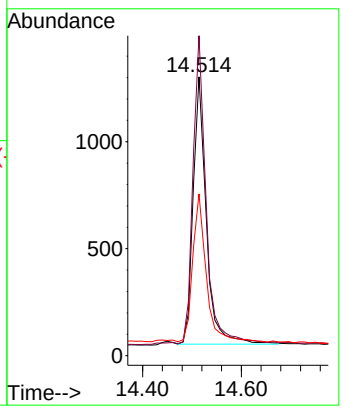


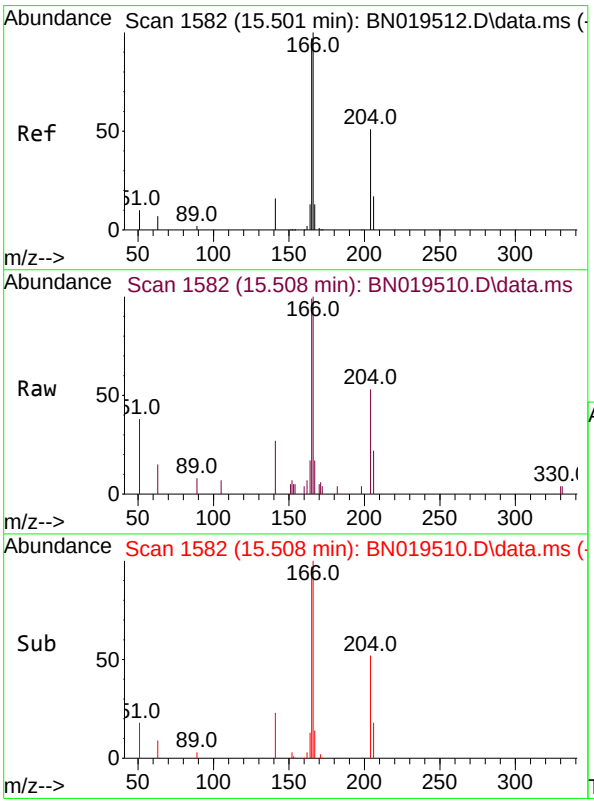
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.514 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2311

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.7	134.5
152	56.9	44.7	67.1

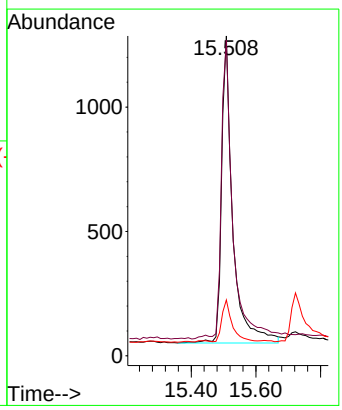


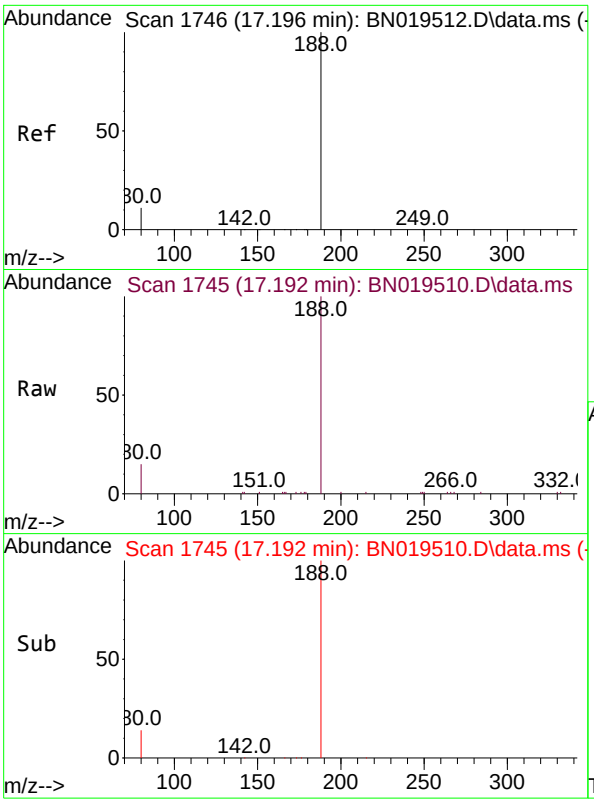


#18
Fluorene
Concen: 0.086 ng
RT: 15.508 min Scan# 1582
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:166 Resp: 2941

Ion	Ratio	Lower	Upper
166	100		
165	94.8	79.2	118.8
167	12.5	10.7	16.1



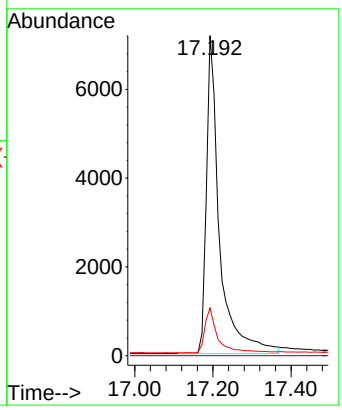


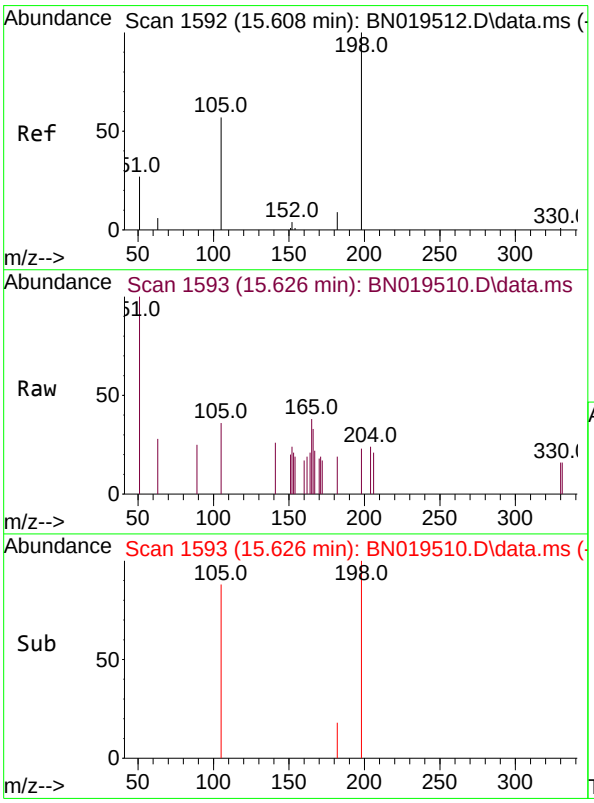
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 16696

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	11.8	17.8

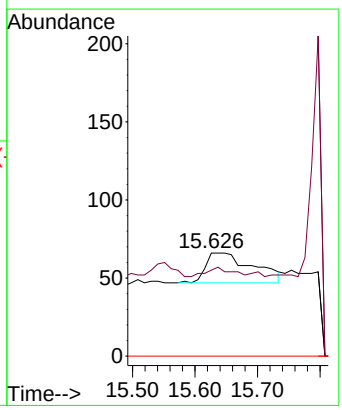


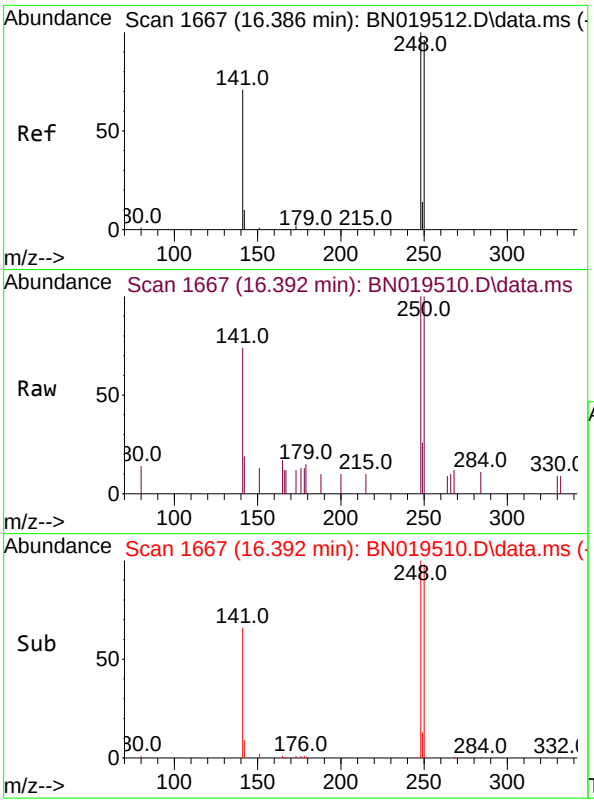


#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.626 min Scan# 1593
Delta R.T. 0.018 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:198 Resp: 100

Ion	Ratio	Lower	Upper
198	100		
182	83.3	13.0	19.4#
77	0.0	0.0	0.0



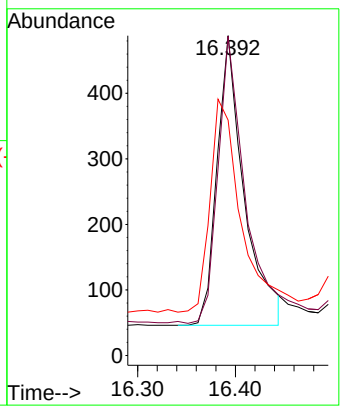


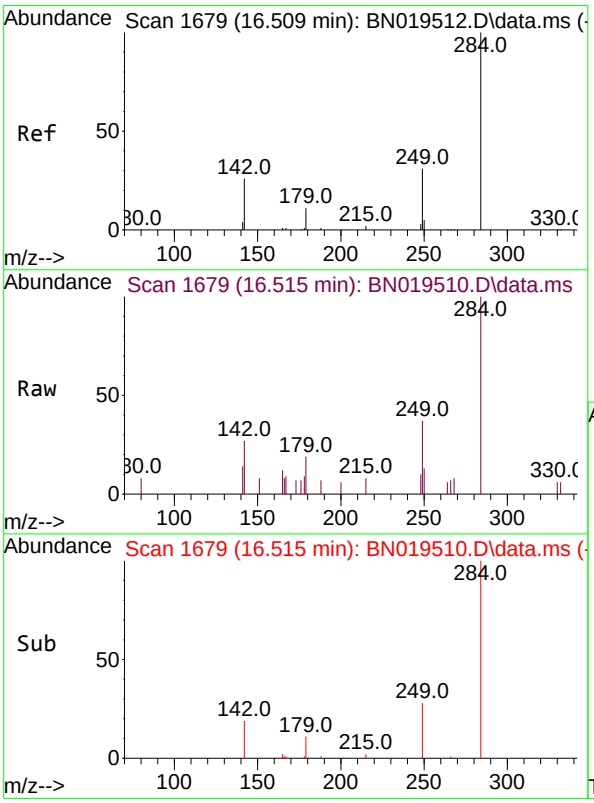
#21
4-Bromophenyl-phenylether
Concen: 0.076 ng
RT: 16.392 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 852

Ion	Ratio	Lower	Upper
248	100		
250	99.8	80.7	121.1
141	73.6	39.6	59.4#

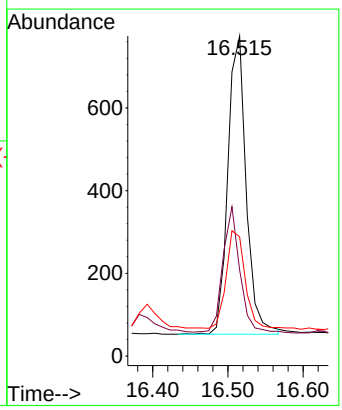


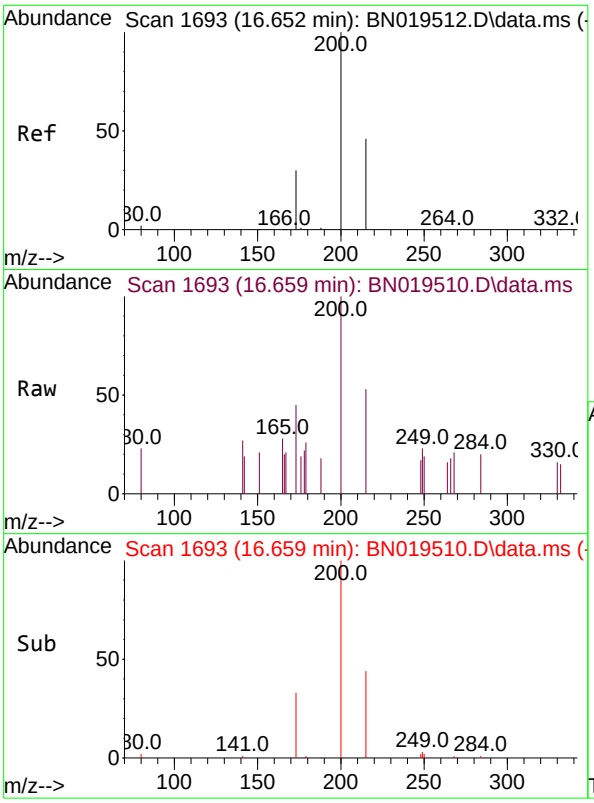


#22
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.515 min Scan# 1679
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:284 Resp: 1218

Ion	Ratio	Lower	Upper
284	100		
142	38.2	29.8	44.8
249	33.0	26.2	39.2



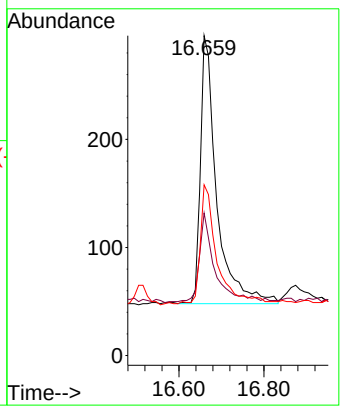


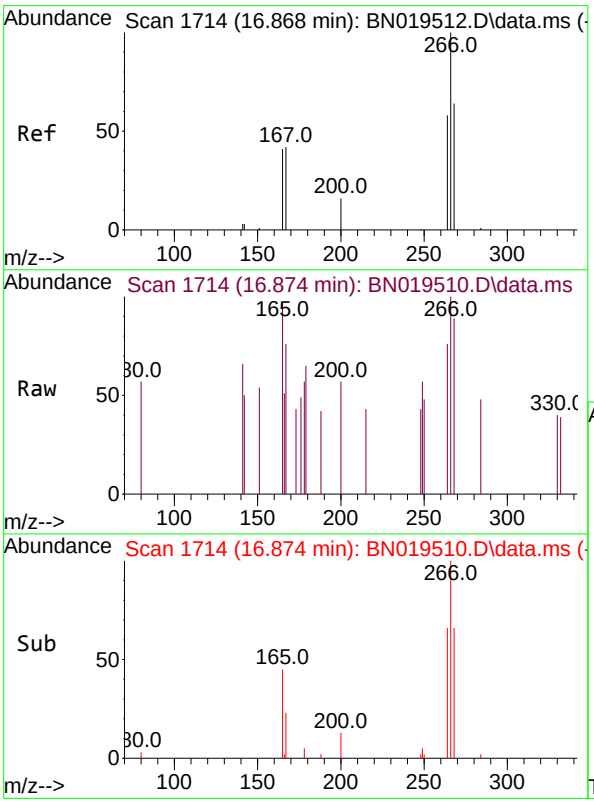
#23
Atrazine
Concen: 0.071 ng
RT: 16.659 min Scan# 1(
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 657

Ion	Ratio	Lower	Upper
200	100		
173	44.6	23.9	35.9#
215	53.4	36.6	54.8

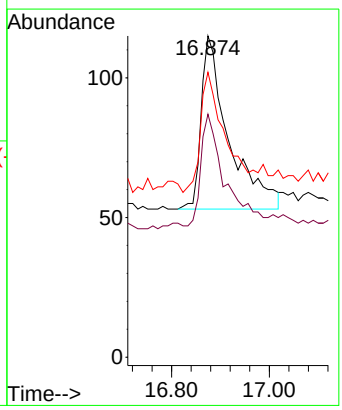


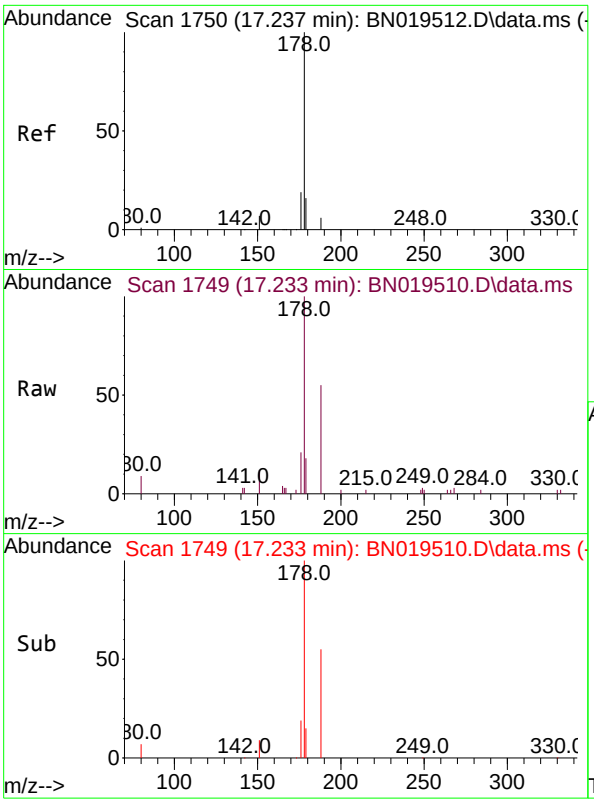


#24
Pentachlorophenol
Concen: 0.047 ng
RT: 16.874 min Scan# 1714
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:266 Resp: 243

Ion	Ratio	Lower	Upper
266	100		
264	56.4	50.2	75.4
268	64.2	51.9	77.9



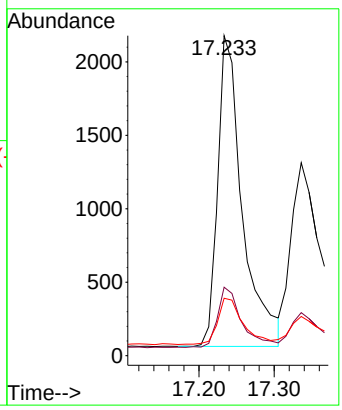


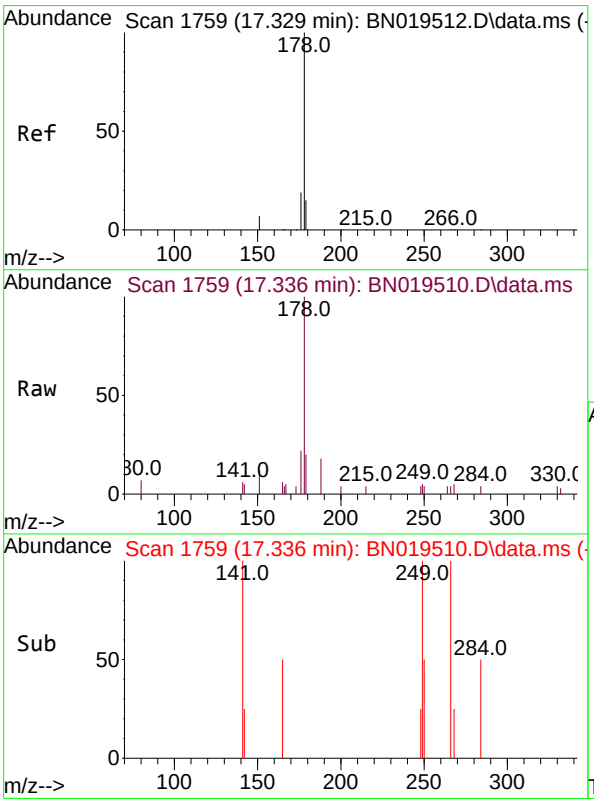
#25
Phenanthrene
Concen: 0.086 ng
RT: 17.233 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4809

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.2

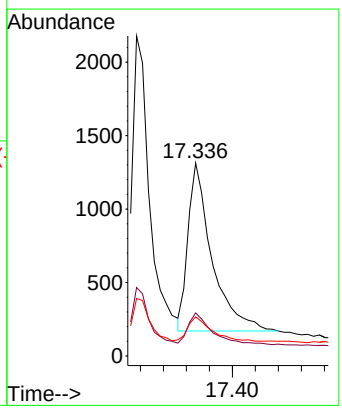


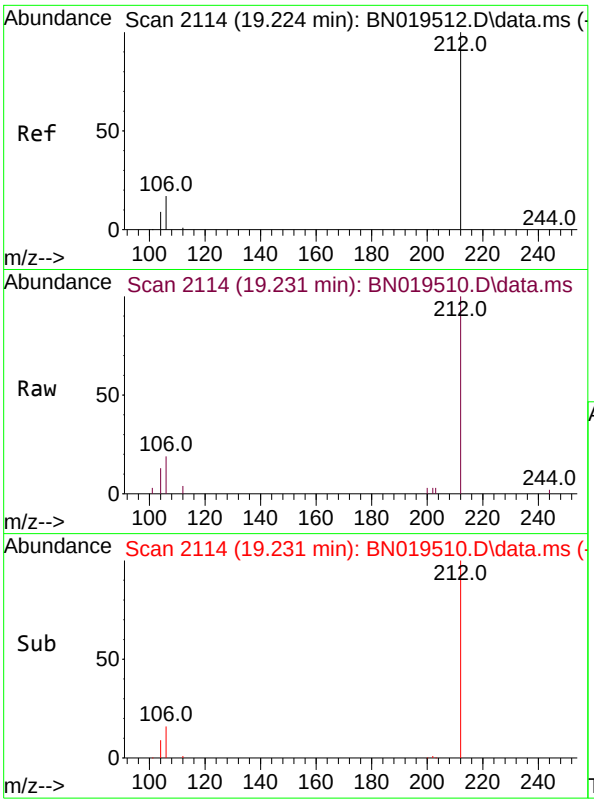


#26
Anthracene
Concen: 0.067 ng
RT: 17.336 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:178 Resp: 3304

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	14.2	12.2	18.4



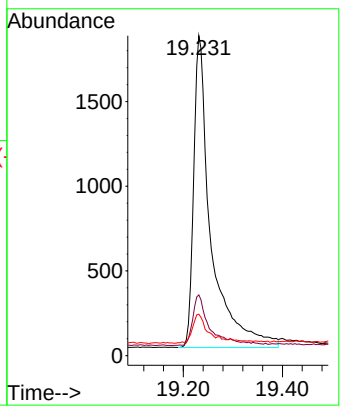


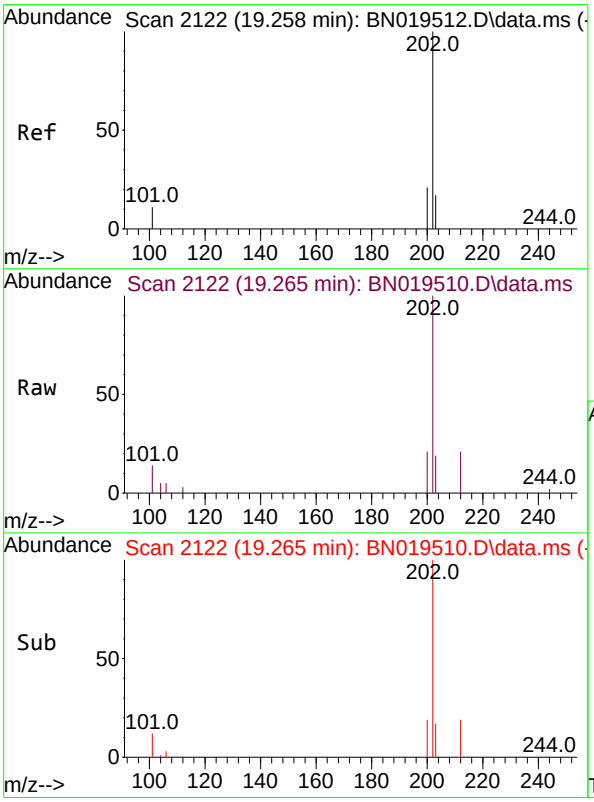
#27
Fluoranthene-d10
Concen: 0.083 ng
RT: 19.231 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4484

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.7	19.1
104	8.2	7.1	10.7

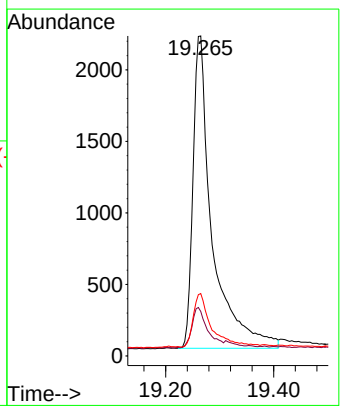


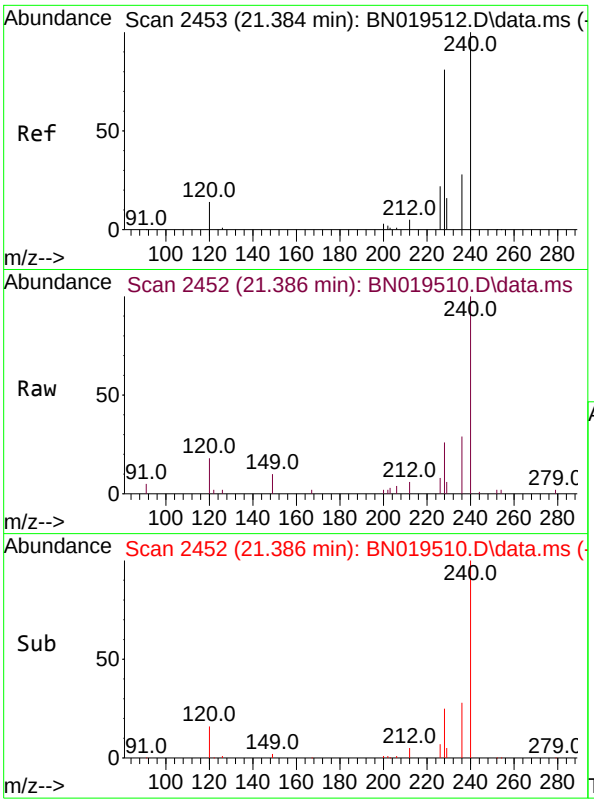


#28
Fluoranthene
Concen: 0.081 ng
RT: 19.265 min Scan# 2122
Delta R.T. 0.007 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:202 Resp: 5387

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.6
203	16.3	13.7	20.5



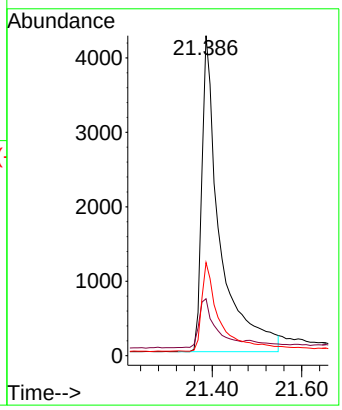


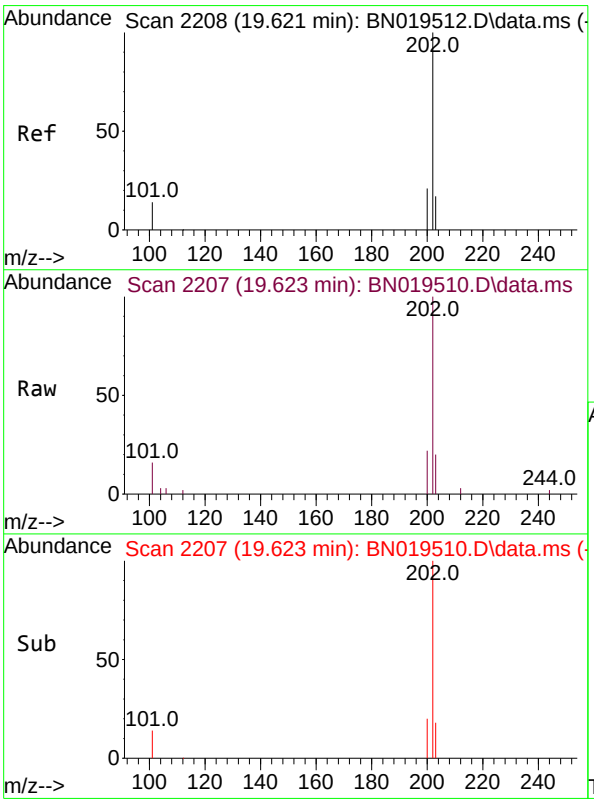
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 11934

Ion	Ratio	Lower	Upper
240	100		
120	17.8	8.5	12.7#
236	29.1	22.4	33.6

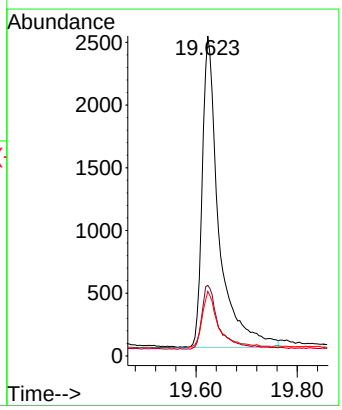


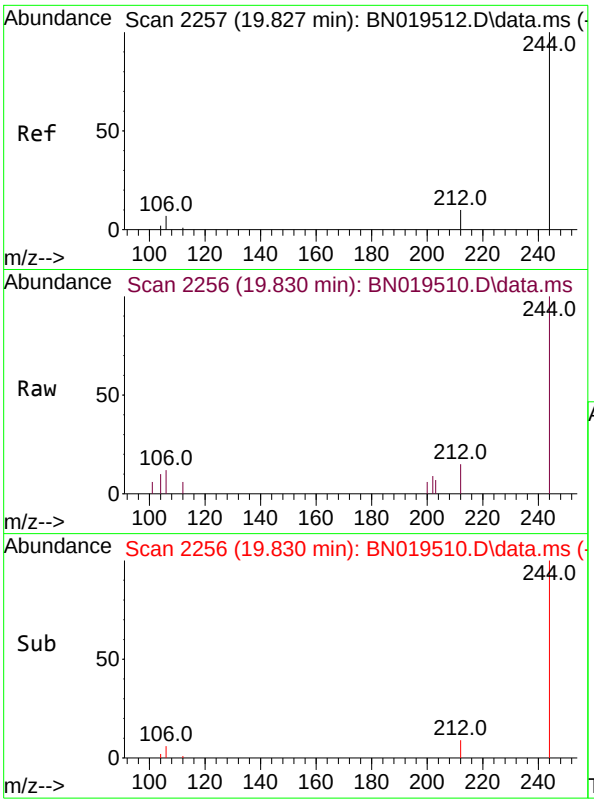


#30
Pyrene
Concen: 0.102 ng
RT: 19.623 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:202 Resp: 5663

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.6	14.2	21.2



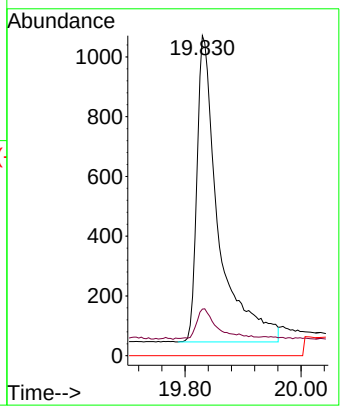


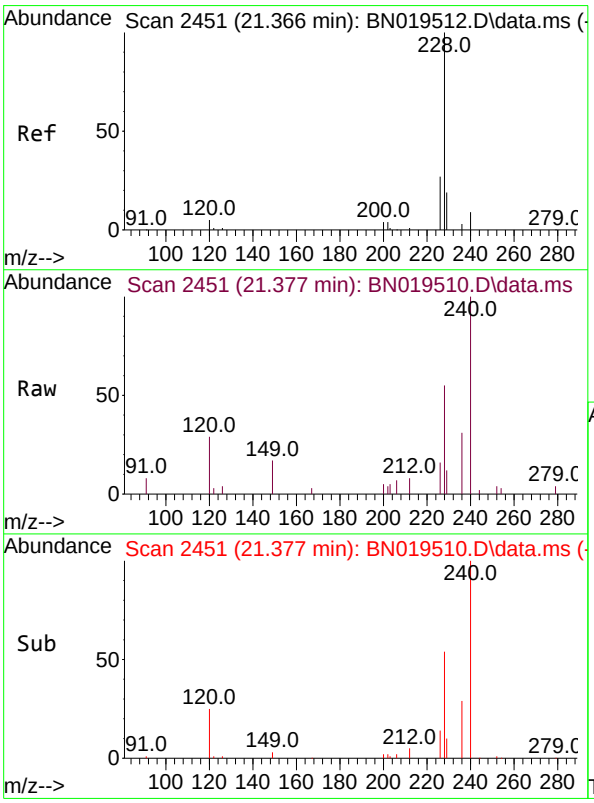
#31
Terphenyl-d14
Concen: 0.102 ng
RT: 19.830 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2645

Ion	Ratio	Lower	Upper
244	100		
212	14.6	8.2	12.4#
122	0.0	0.0	0.0

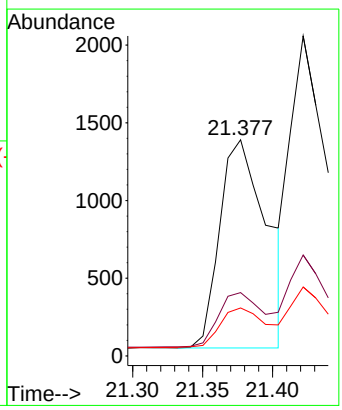


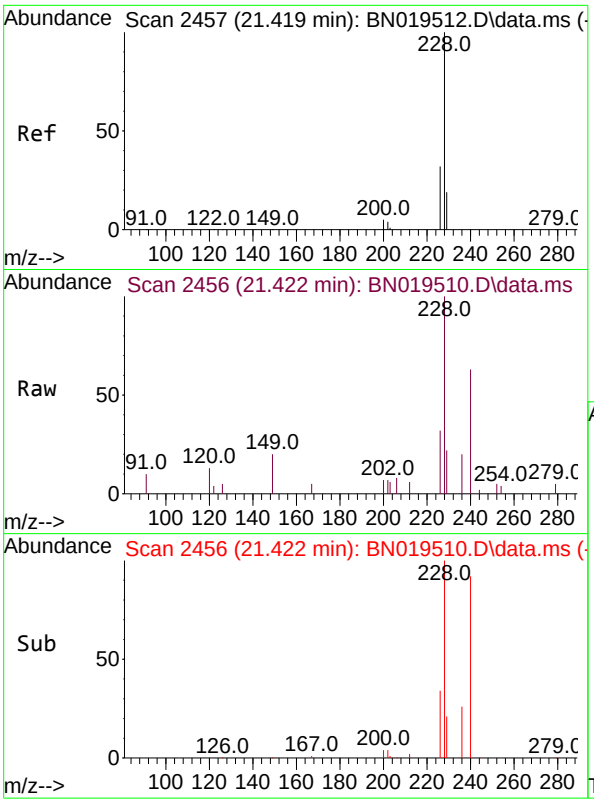


#32
Benzo(a)anthracene
Concen: 0.071 ng
RT: 21.377 min Scan# 2451
Delta R.T. 0.011 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:228 Resp: 3120

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.9	32.9
229	22.2	16.0	24.0



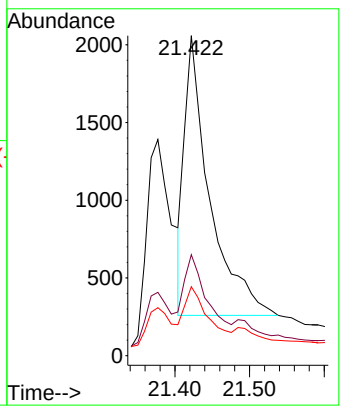


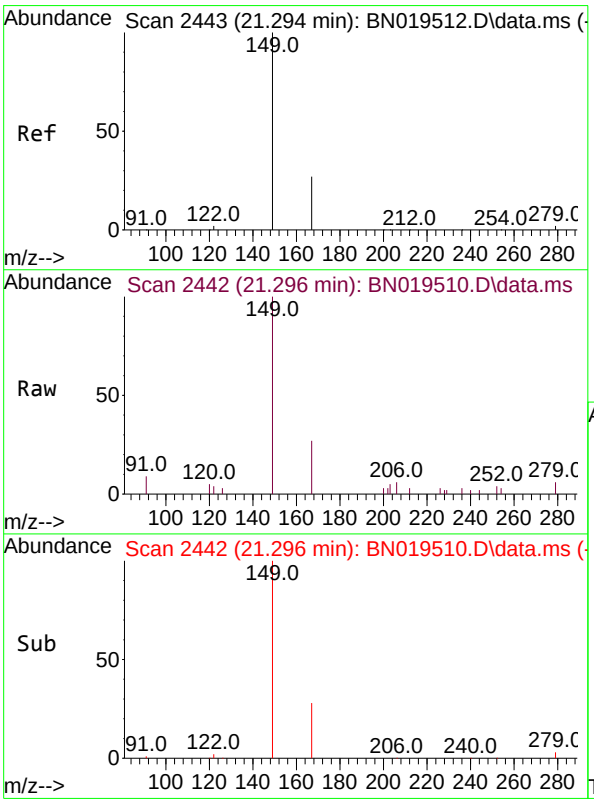
#33
Chrysene
Concen: 0.086 ng
RT: 21.422 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4217

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	21.6	15.9	23.9

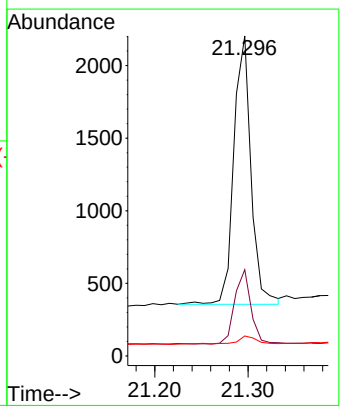


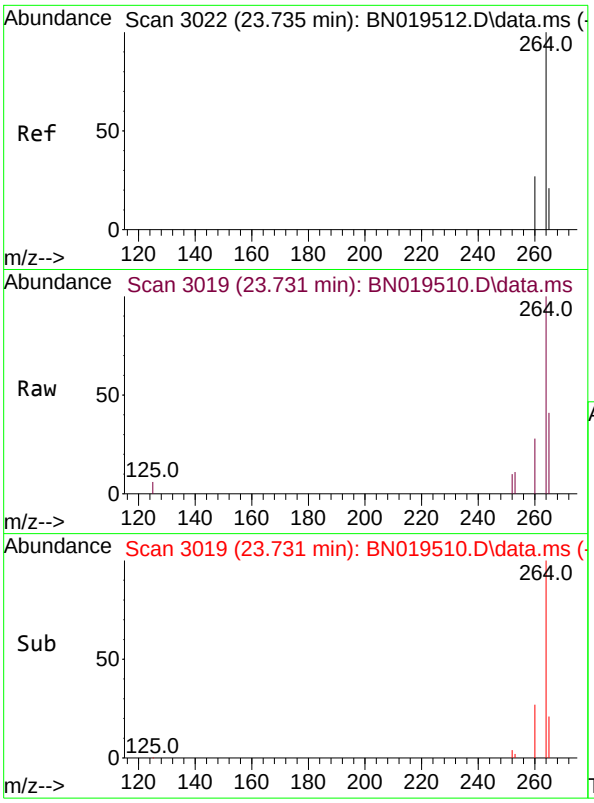


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.296 min Scan# 2442
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:149 Resp: 2373

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	3.2	2.0	3.0#



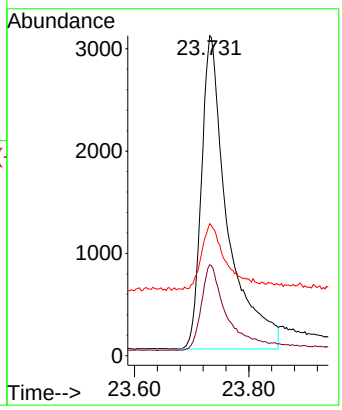


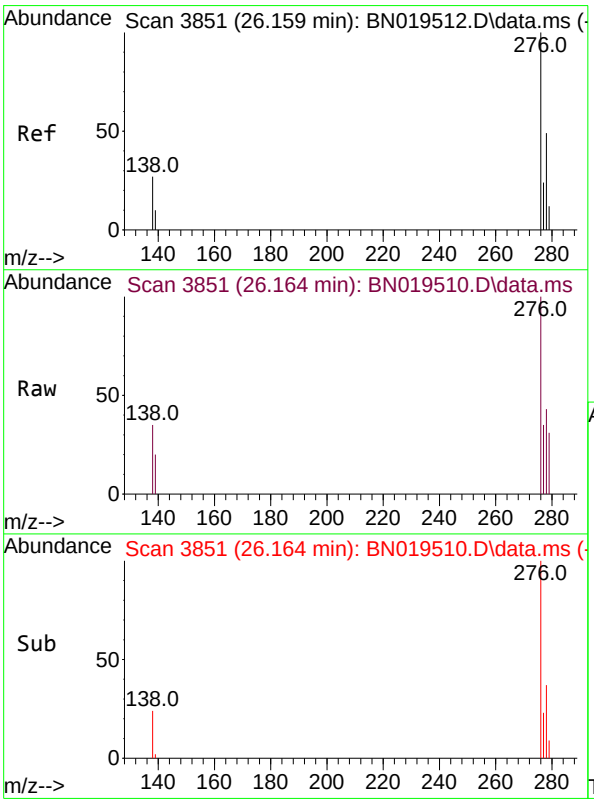
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.731 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 9717

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.4	33.6
265	41.3	25.3	37.9#

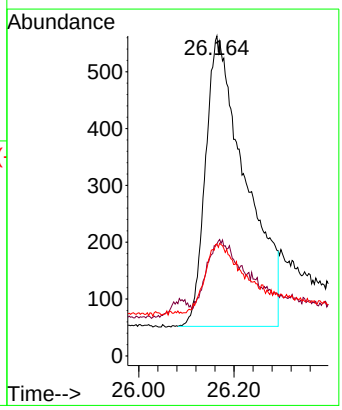


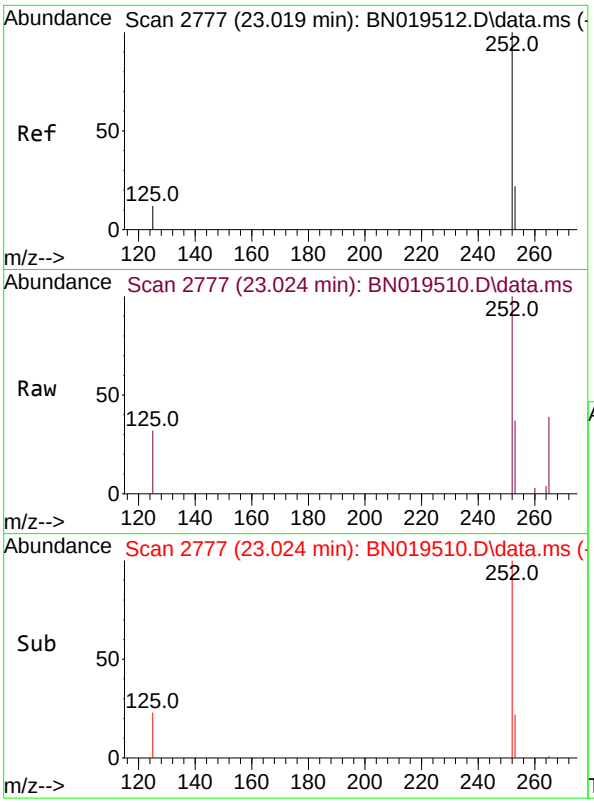


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng
RT: 26.164 min Scan# 3851
Delta R.T. 0.005 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:276 Resp: 2985

Ion	Ratio	Lower	Upper
276	100		
138	15.9	24.5	36.7#
277	7.9	19.8	29.8#



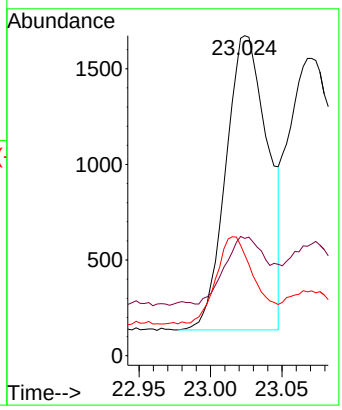


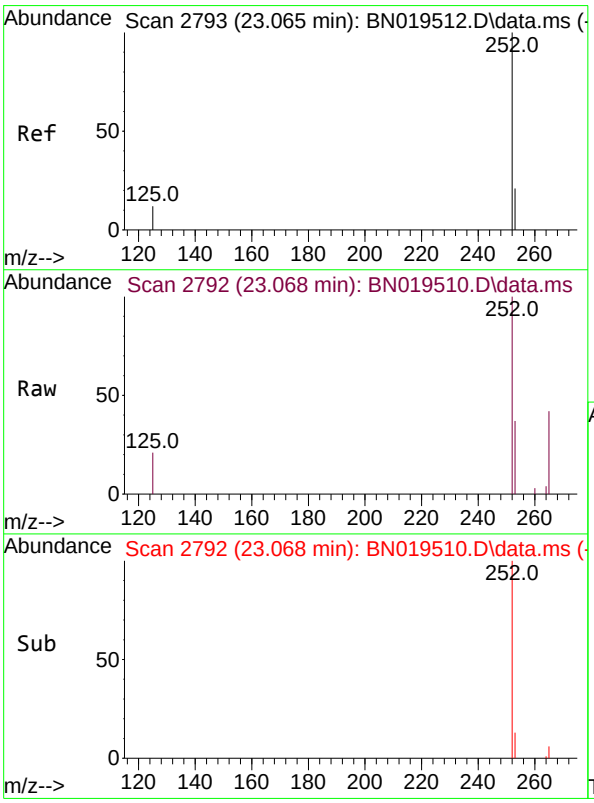
#37
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 23.024 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3133

Ion	Ratio	Lower	Upper
252	100		
253	36.6	18.9	28.3#
125	31.5	12.1	18.1#

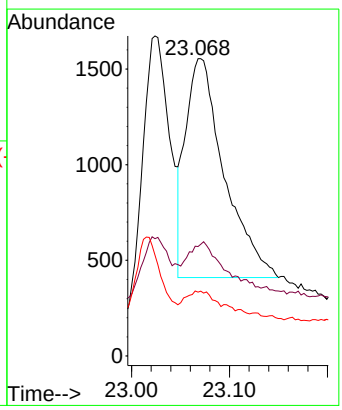


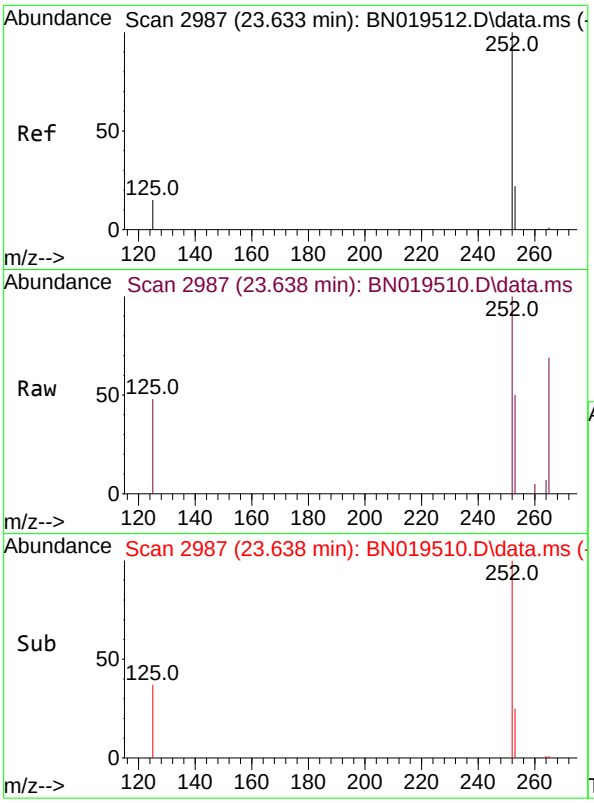


#38
Benzo(k)fluoranthene
Concen: 0.079 ng
RT: 23.068 min Scan# 2792
Delta R.T. 0.002 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:252 Resp: 3140

Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.9	28.3#
125	21.5	10.3	15.5#



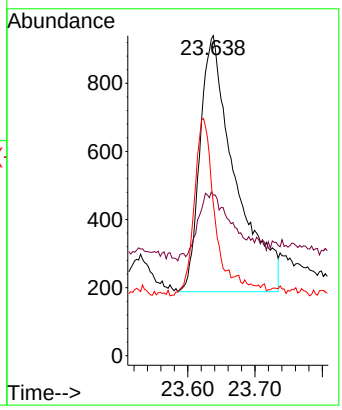


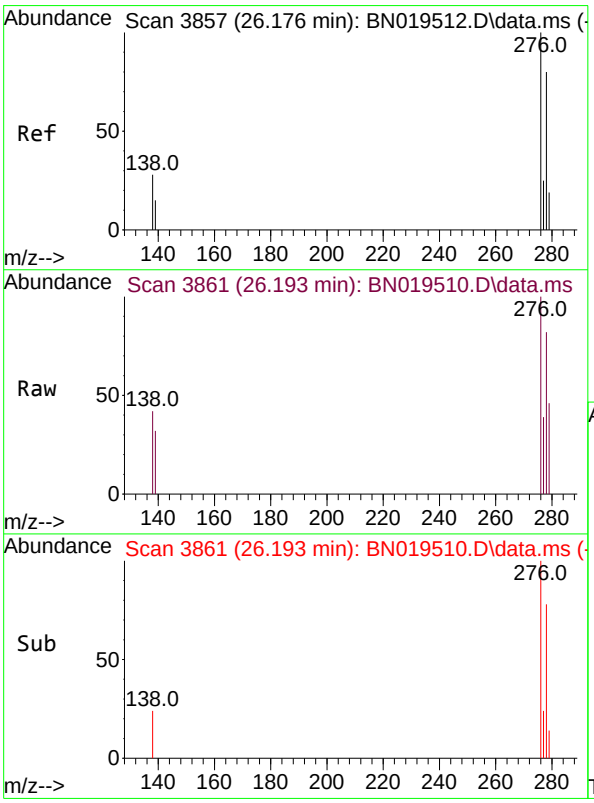
#39
Benzo(a)pyrene
Concen: 0.079 ng
RT: 23.638 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2719

Ion	Ratio	Lower	Upper
252	100		
253	50.2	20.1	30.1#
125	47.8	15.2	22.8#

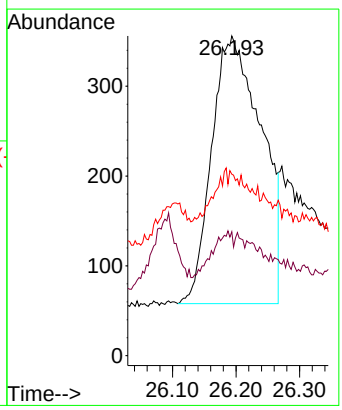


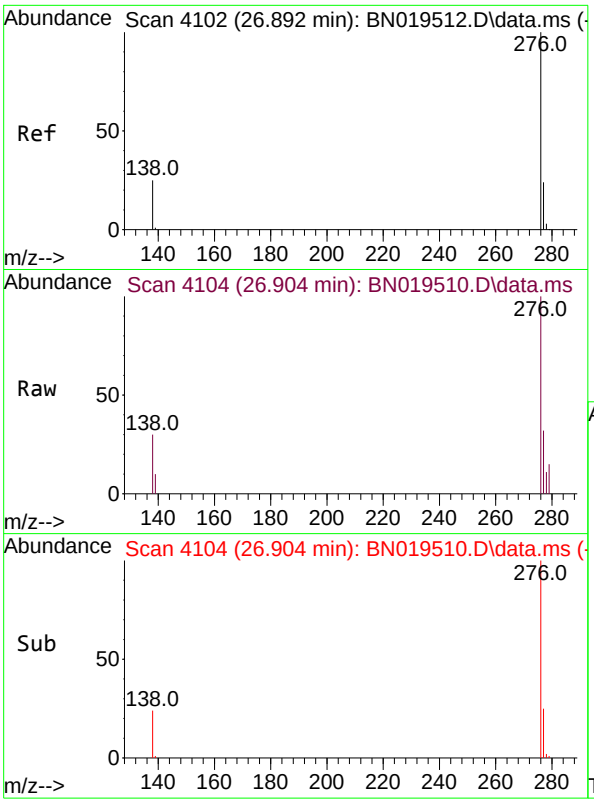


#40
Dibenzo(a,h)anthracene
Concen: 0.051 ng
RT: 26.193 min Scan# 3861
Delta R.T. 0.017 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Tgt Ion:278 Resp: 1617

Ion	Ratio	Lower	Upper
278	100		
139	38.8	17.2	25.8#
279	56.7	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.105 ng
RT: 26.904 min Scan# 4
Delta R.T. 0.011 min
Lab File: BN019510.D
Acq: 20 Apr 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3964

Ion	Ratio	Lower	Upper
276	100		
277	32.0	19.4	29.0#
138	30.3	21.0	31.6