Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019517.D
Acq On : 20 Apr 2022 17:19
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Quant Time: Apr 20 18:58:43 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 17:50:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	4041	0.400	ng		0.00
7) Naphthalene-d8	10.613	136	11357	0.400	ng	#	0.00
13) Acenaphthene-d10	14.450	164	7197	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	16286	0.400	ng		0.00
29) Chrysene-d12	21.386	240	12107	0.400	ng	#	0.00
35) Perylene-d12	23.731	264	10492	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	3417	0.395	ng		0.00
5) Phenol-d6	6.981	99	3304	0.335	ng		0.00
8) Nitrobenzene-d5	8.980	82	2909	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.213	152	7184	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.951	330	1088	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.082	172	11381	0.397	ng		0.00
27) Fluoranthene-d10	19.227	212	18717	0.393	ng		0.00
31) Terphenyl-d14	19.830	244	10769	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	2300	0.433	ng		96
3) n-Nitrosodimethylamine	3.536	42	1764	0.358	ng	#	99
6) bis(2-Chloroethyl)ether	7.234	93	3903	0.376	ng		97
9) Naphthalene	10.666	128	13237	0.401	ng		99
10) Hexachlorobutadiene	10.955	225	3017	0.416	ng	#	100
12) 2-Methylnaphthalene	12.285	142	8579	0.399	ng		97
16) Acenaphthylene	14.172	152	12133	0.371	ng		100
17) Acenaphthene	14.514	154	9073	0.397	ng		97
18) Fluorene	15.498	166	11932	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	487	0.307	ng	#	59
21) 4-Bromophenyl-phenylether	16.382	248	3781	0.379	ng	#	76
22) Hexachlorobenzene	16.505	284	5006	0.403	ng		99
23) Atrazine	16.659	200	2465	0.349	ng		98
24) Pentachlorophenol	16.874	266	695	0.285	ng		96
25) Phenanthrene	17.233	178	19950	0.388	ng		100
26) Anthracene	17.326	178	15102	0.363	ng		100
28) Fluoranthene	19.256	202	23087	0.392	ng		99
30) Pyrene	19.619	202	23519	0.410	ng		100
32) Benzo(a)anthracene	21.368	228	13164	0.350	ng		99
33) Chrysene	21.422	228	19565	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.296	149	8048	0.363	ng		100
36) Indeno(1,2,3-cd)pyrene	26.146	276	15416	0.380	ng		96
37) Benzo(b)fluoranthene	23.018	252	14153	0.351	ng		97
38) Benzo(k)fluoranthene	23.062	252	15703	0.364	ng		98
39) Benzo(a)pyrene	23.629	252	14282	0.402	ng	#	92
40) Dibenzo(a,h)anthracene	26.173	278	11624	0.384	ng		94
41) Benzo(g,h,i)perylene	26.886	276	15948	0.383	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BN019517.D
Acq On : 20 Apr 2022 17:19
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ICVBN042122

Quant Time: Apr 20 18:58:43 2022
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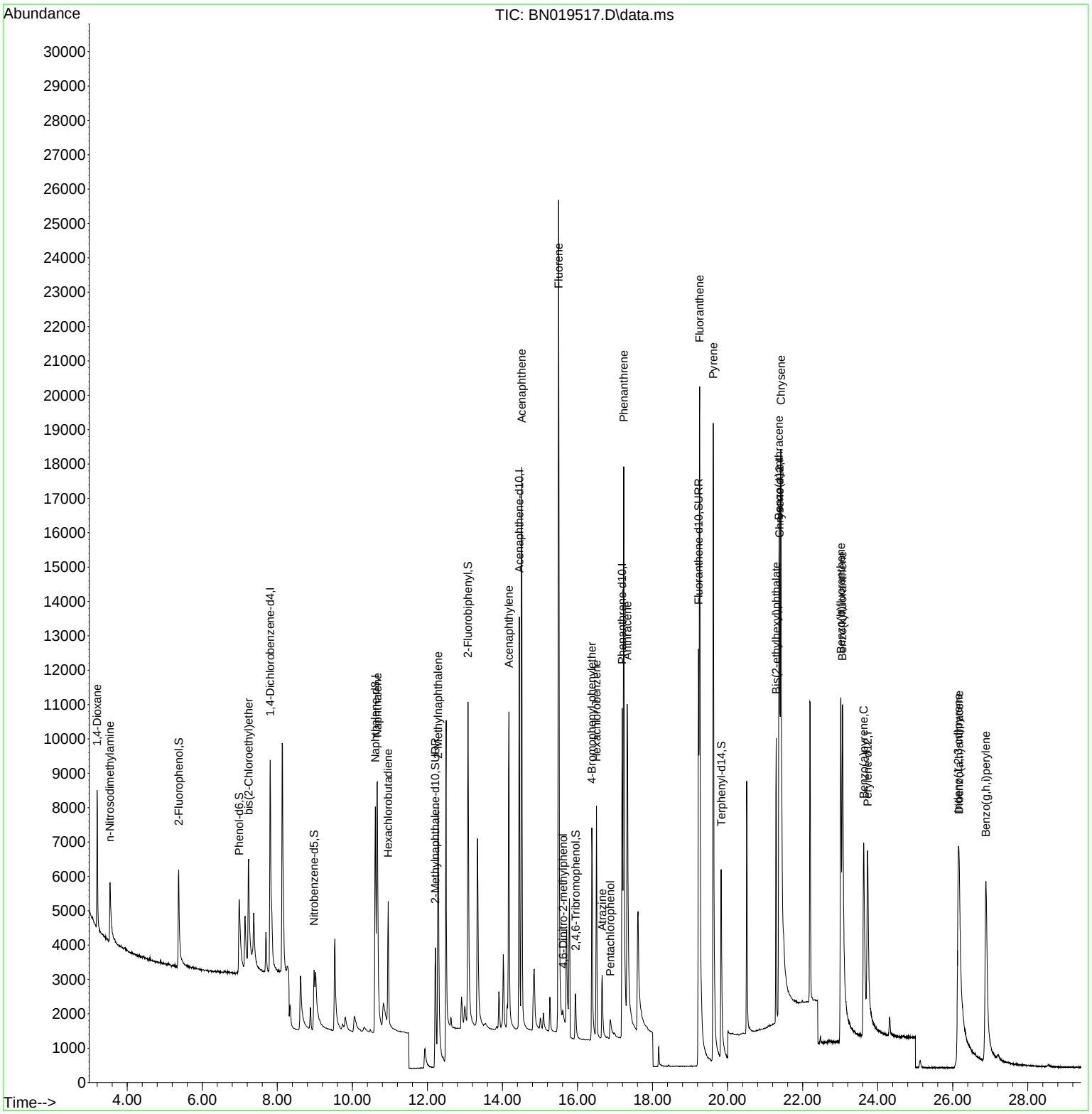
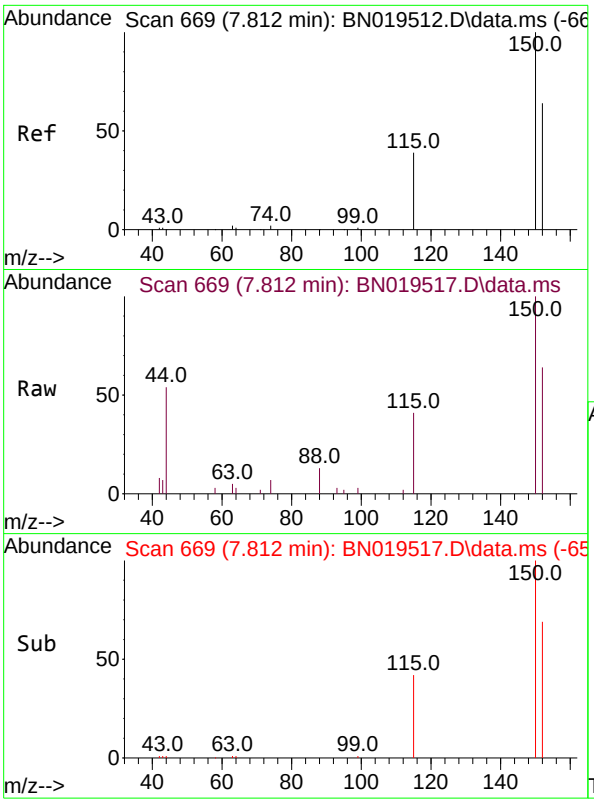
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration



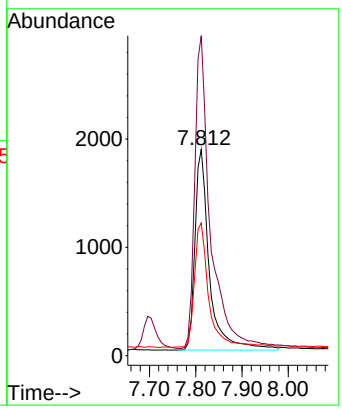


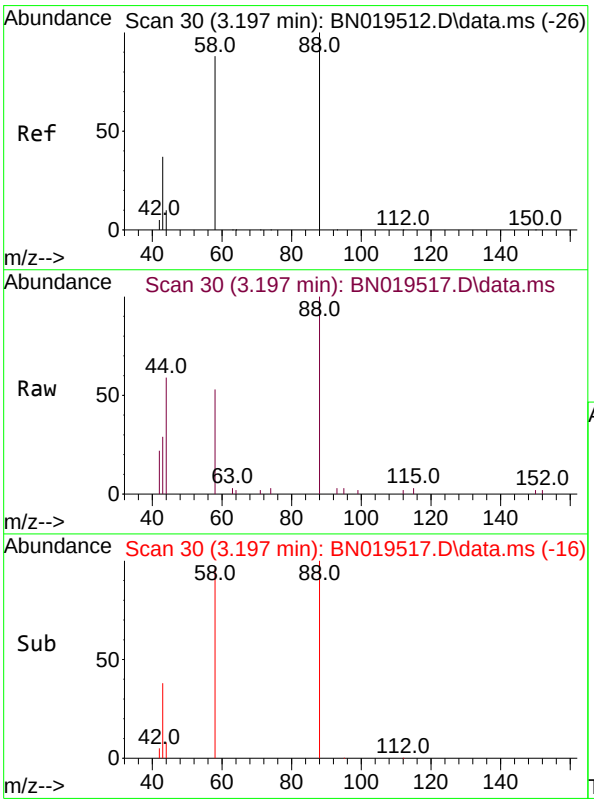
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:152 Resp: 4041

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.9	185.9
115	64.3	48.2	72.4

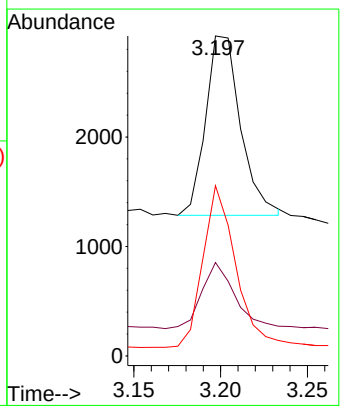


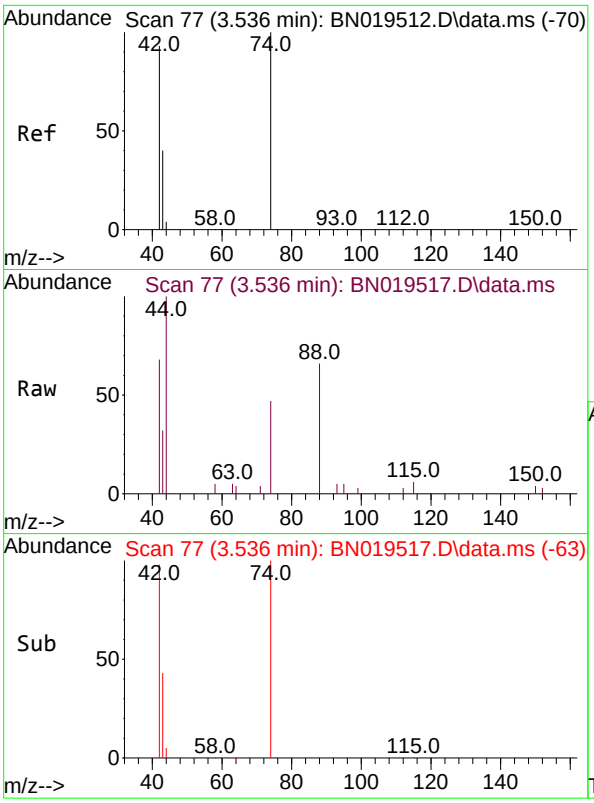


#2
1,4-Dioxane
Concen: 0.433 ng
RT: 3.197 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion: 88 Resp: 2300

Ion	Ratio	Lower	Upper
88	100		
43	35.0	24.6	37.0
58	84.5	65.4	98.2



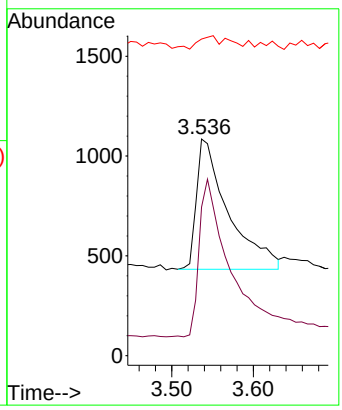


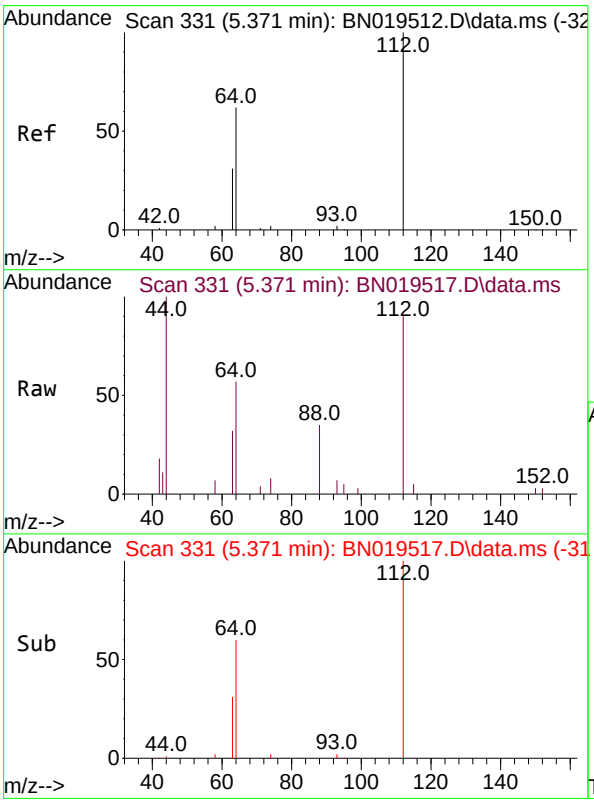
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.536 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion: 42 Resp: 1764

Ion	Ratio	Lower	Upper
42	100		
74	121.0	96.9	145.3
44	4.1	7.3	10.9#

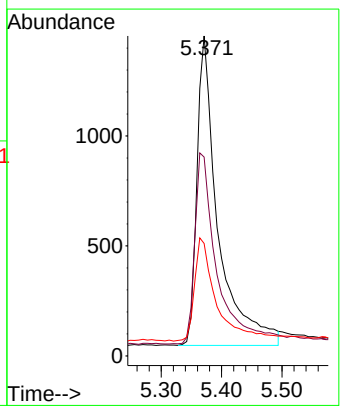


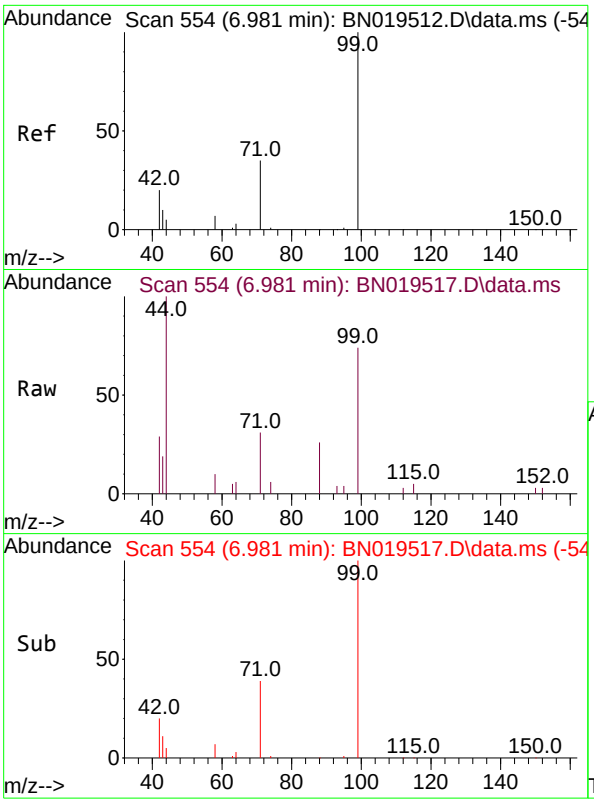


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.371 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:112 Resp: 3417

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.8	71.8
63	35.1	25.7	38.5



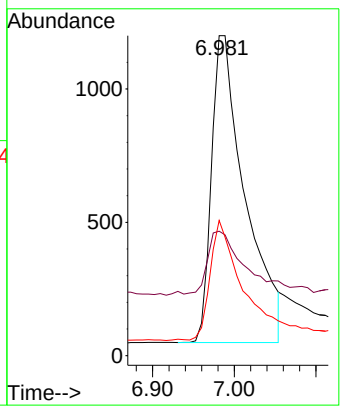


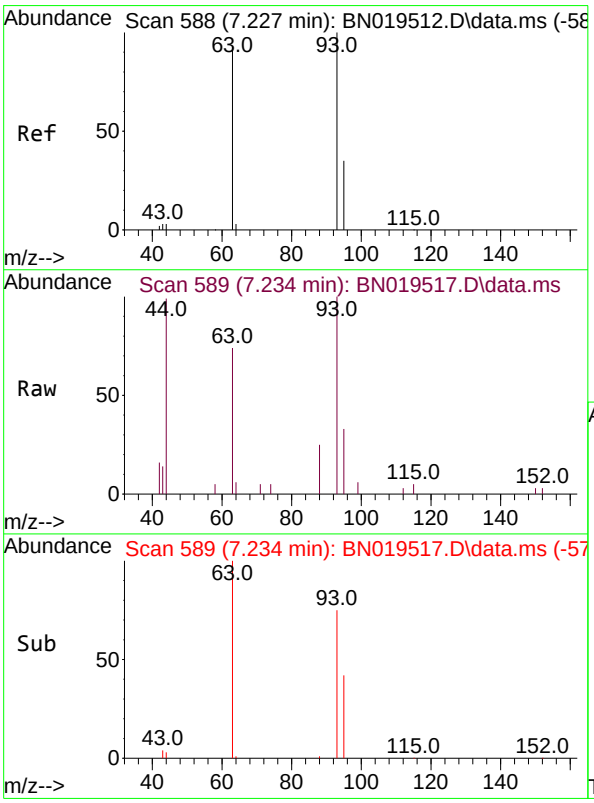
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.981 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion: 99 Resp: 3304

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.2	24.4
71	37.3	27.7	41.5

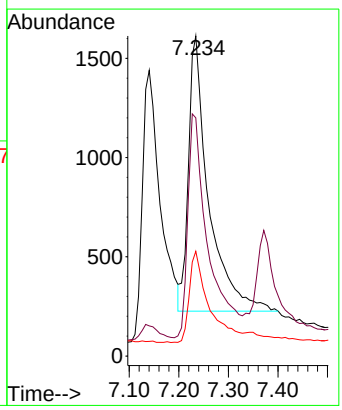


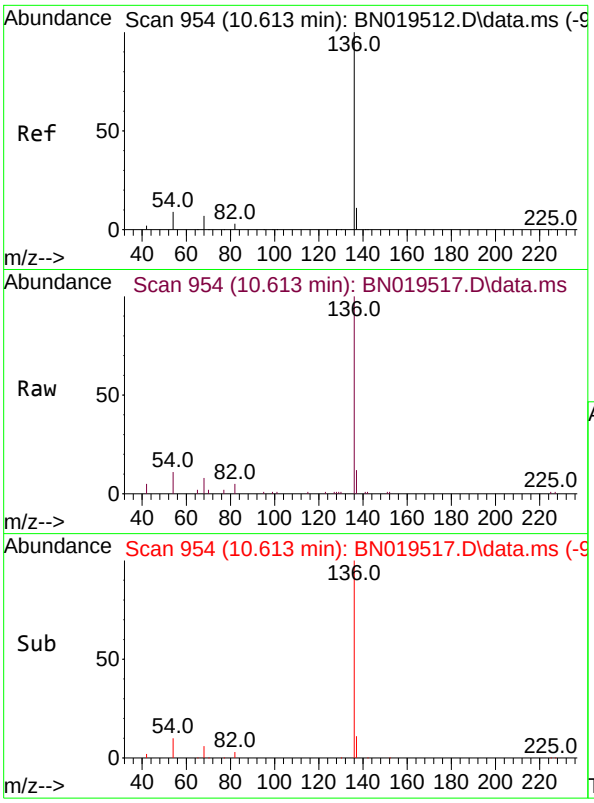


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.234 min Scan# 589
Delta R.T. 0.007 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion: 93 Resp: 3903

Ion	Ratio	Lower	Upper
93	100		
63	82.0	62.8	94.2
95	32.4	26.2	39.4



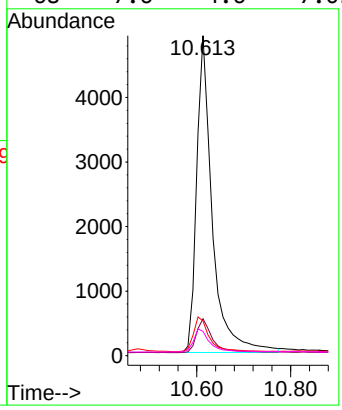


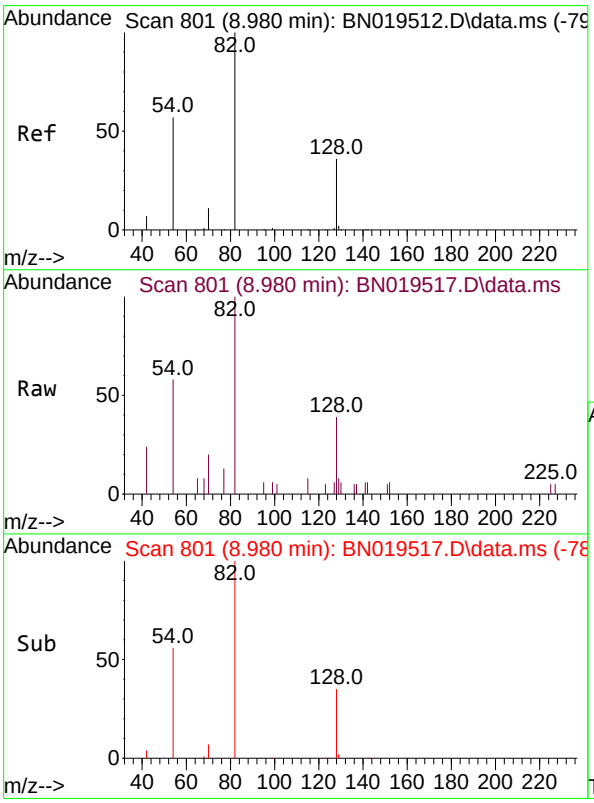
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.613 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:136 Resp: 11357

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.8	5.8	8.6#
68	7.6	4.6	7.0#

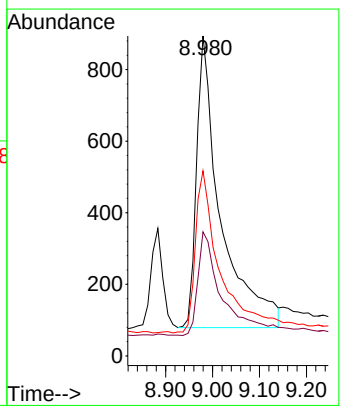


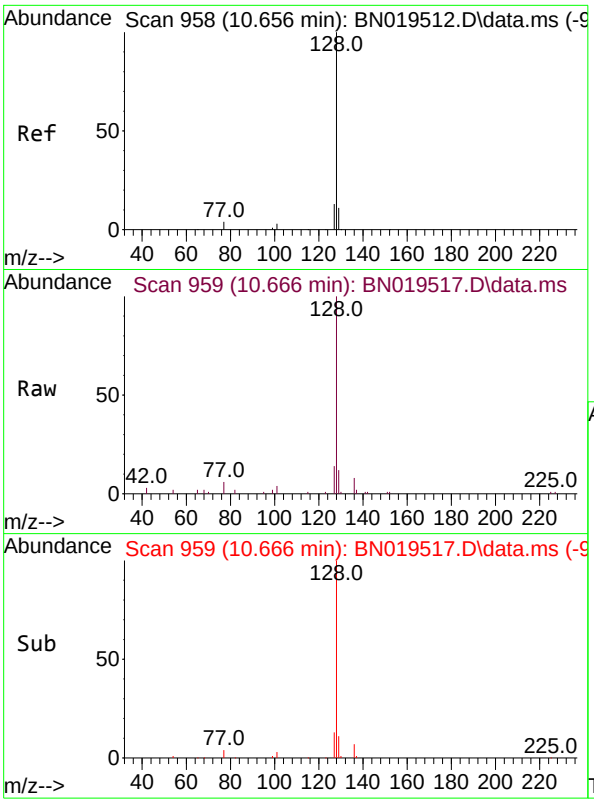


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.980 min Scan# 801
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion: 82 Resp: 2909

Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.6
54	57.8	42.5	63.7



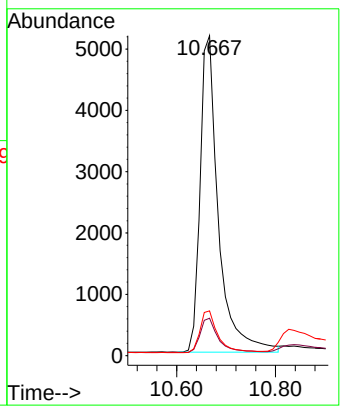


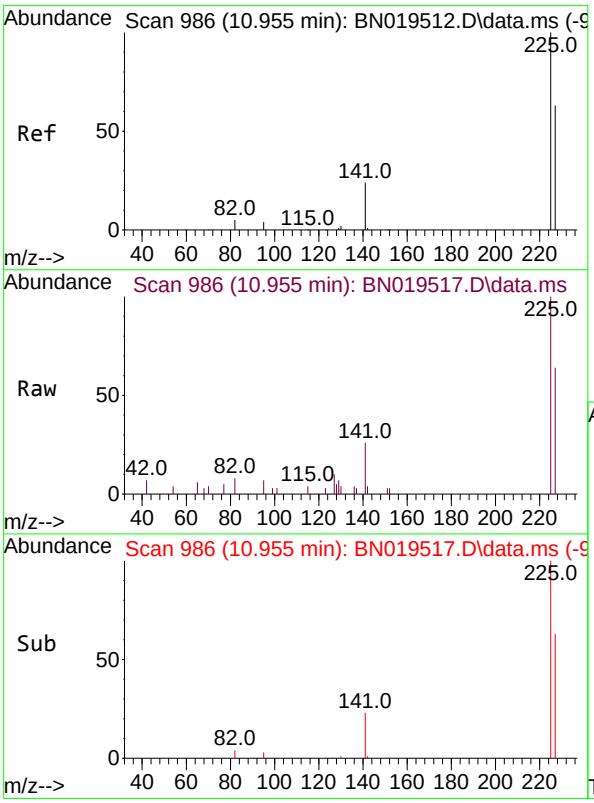
#9
Naphthalene
Concen: 0.401 ng
RT: 10.666 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:128 Resp: 13237

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.0	10.7	16.1

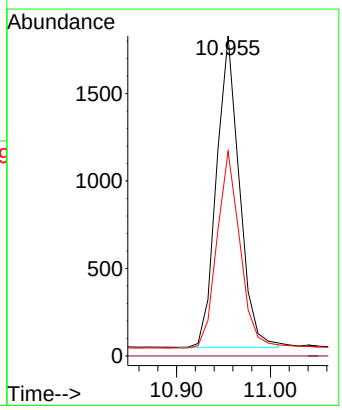


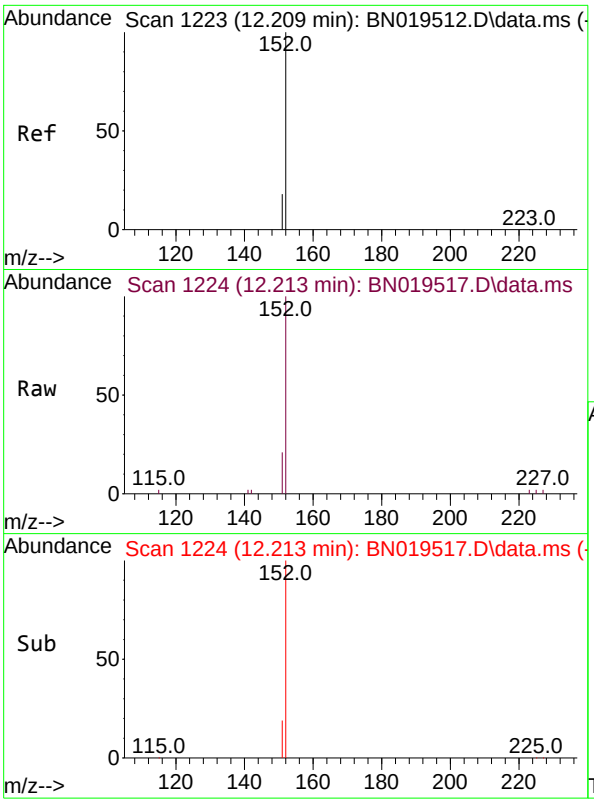


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.955 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:225 Resp: 3017

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



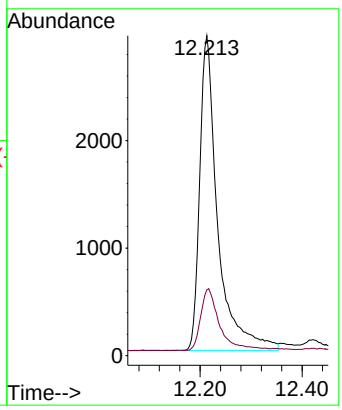


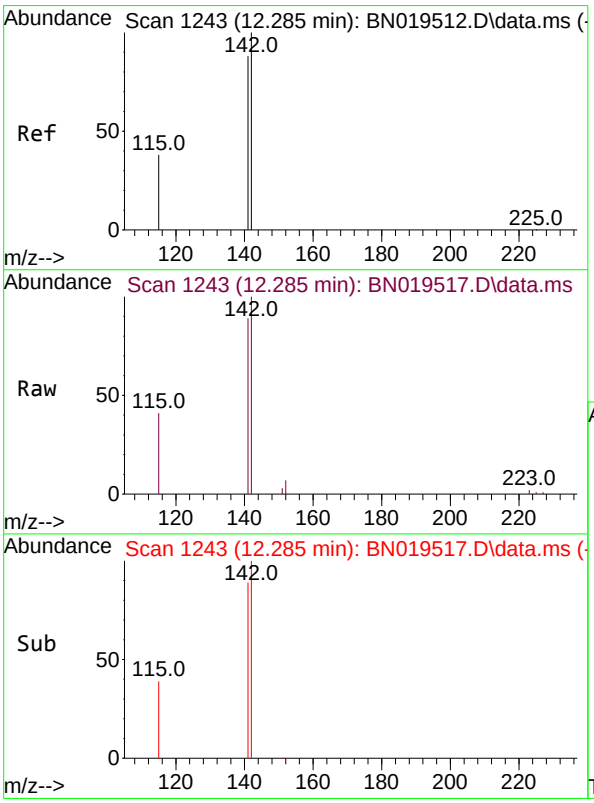
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:152 Resp: 7184

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

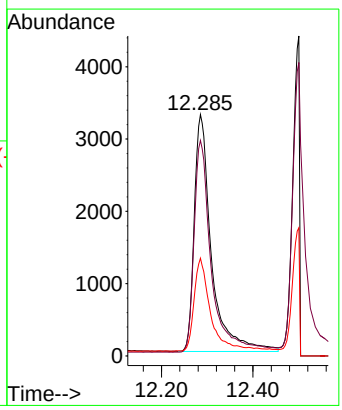


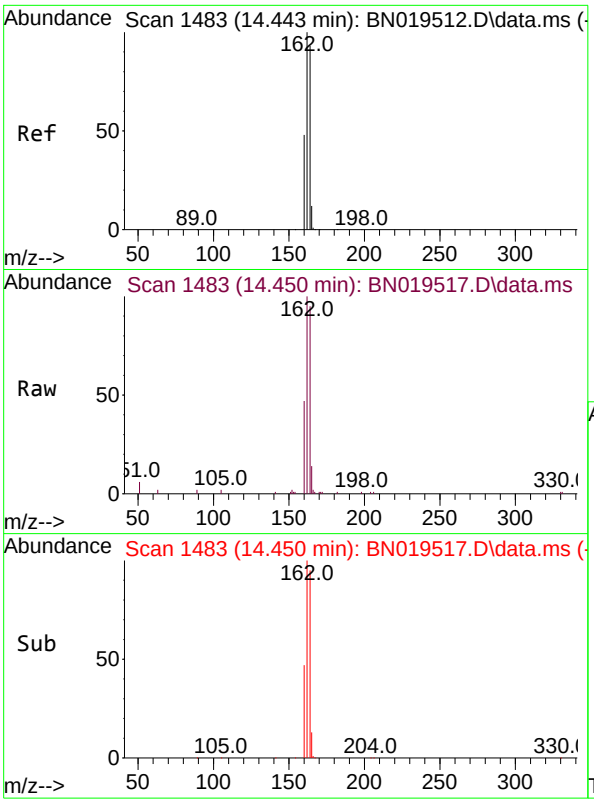


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.285 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:142 Resp: 8579

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	40.5	29.8	44.8



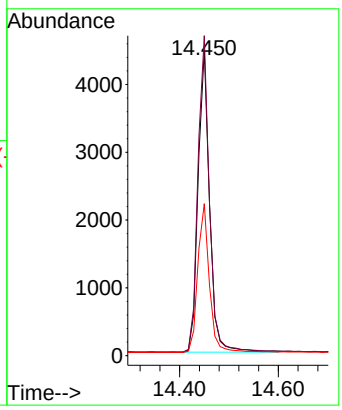


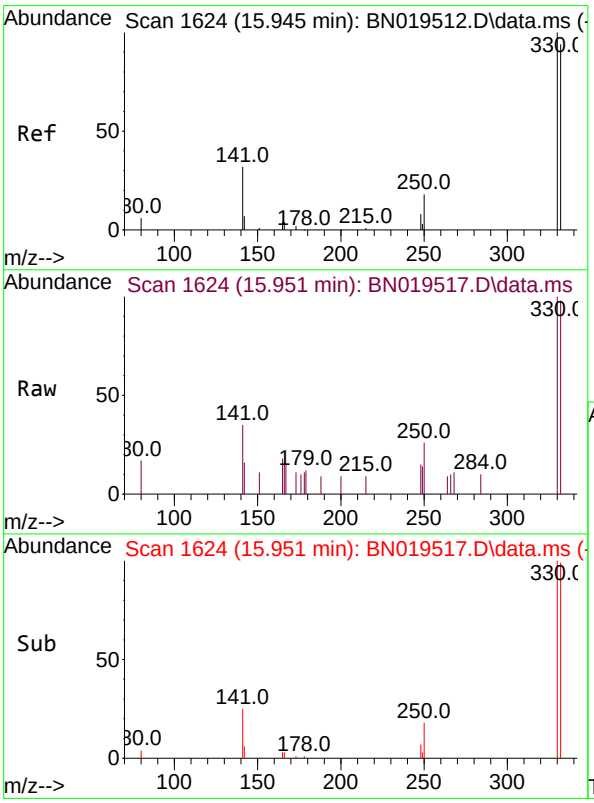
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:164 Resp: 7197

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.2	127.8
160	49.8	41.5	62.3

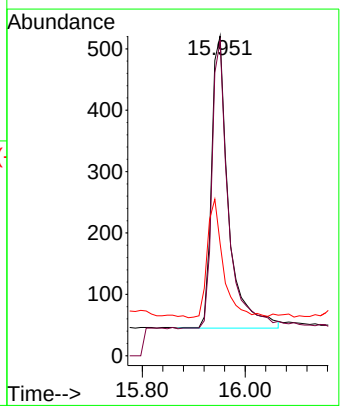


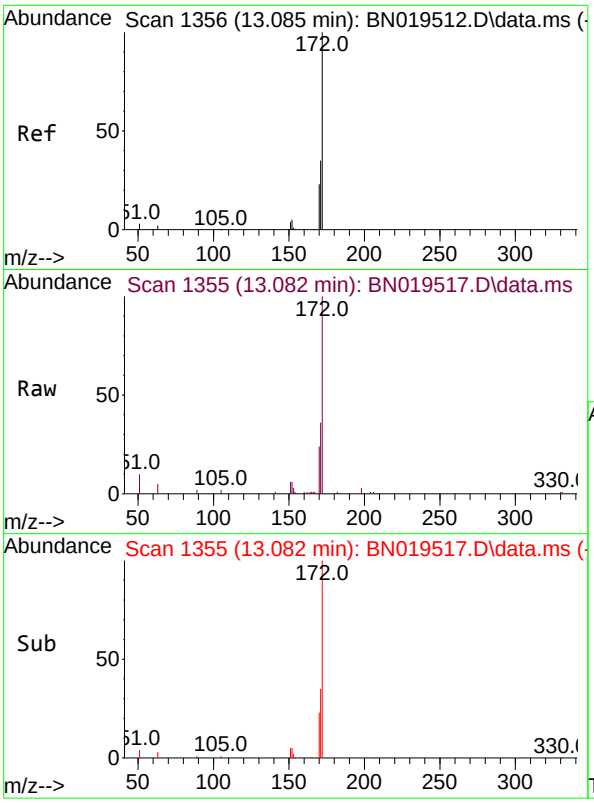


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:330 Resp: 1088

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	38.3	32.2	48.2



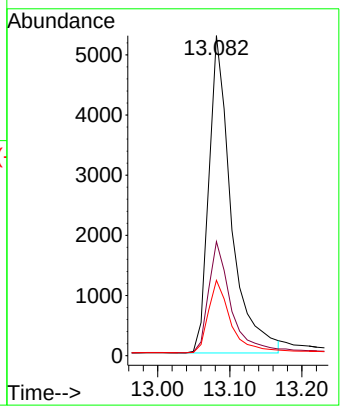


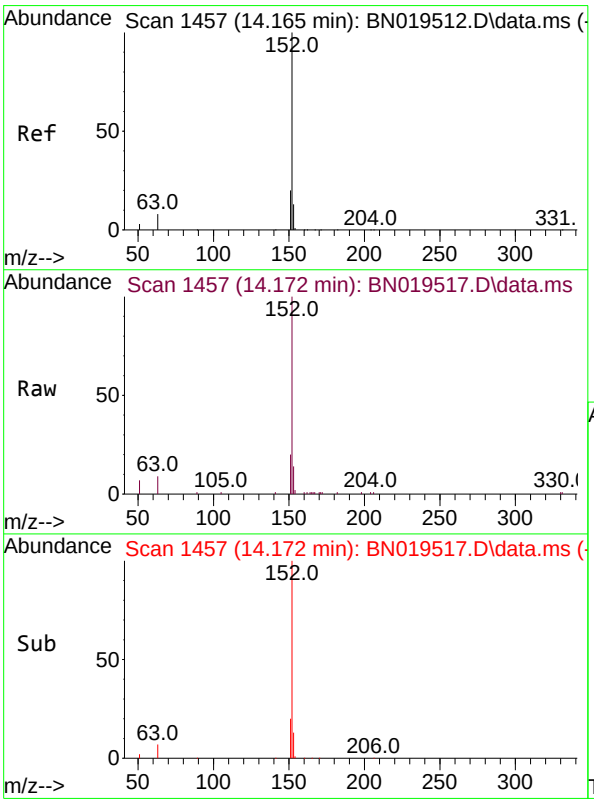
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.082 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:172 Resp: 11381

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.6	18.7	28.1

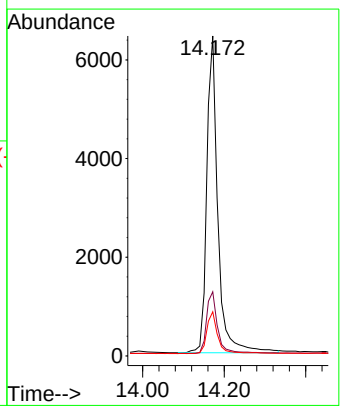


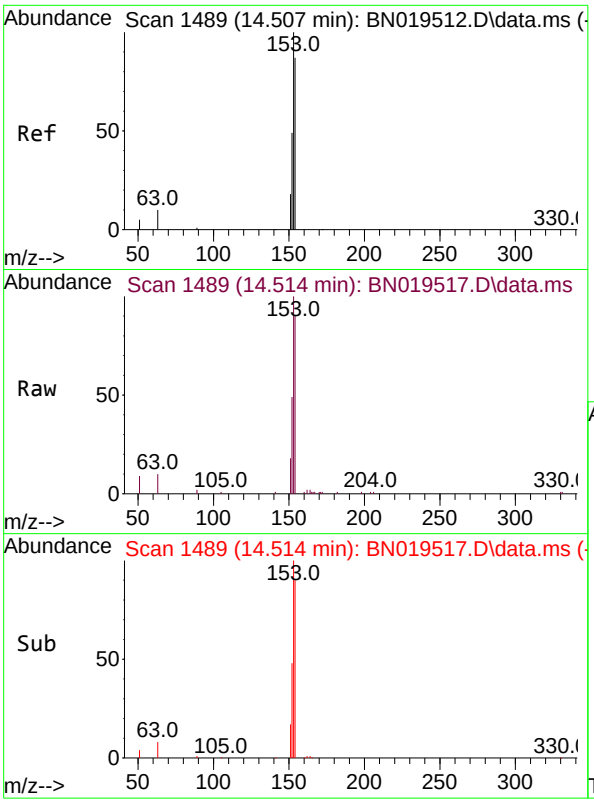


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.172 min Scan# 1457
Delta R.T. 0.007 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:152 Resp: 12133

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.6	15.8



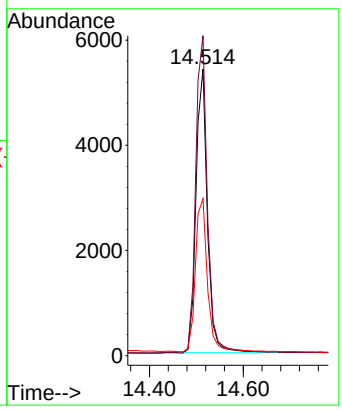


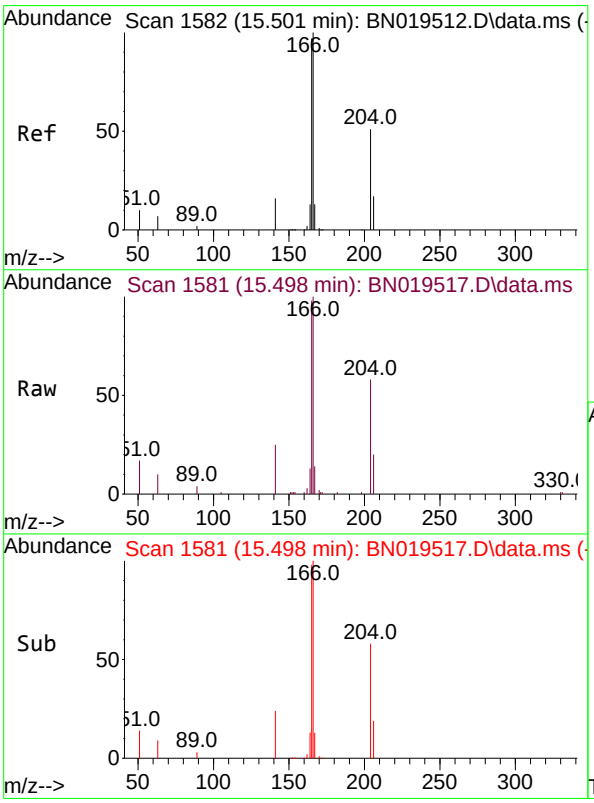
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.514 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:154 Resp: 9073

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.7	134.5
152	56.9	44.7	67.1

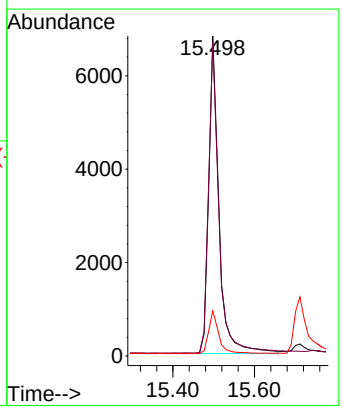


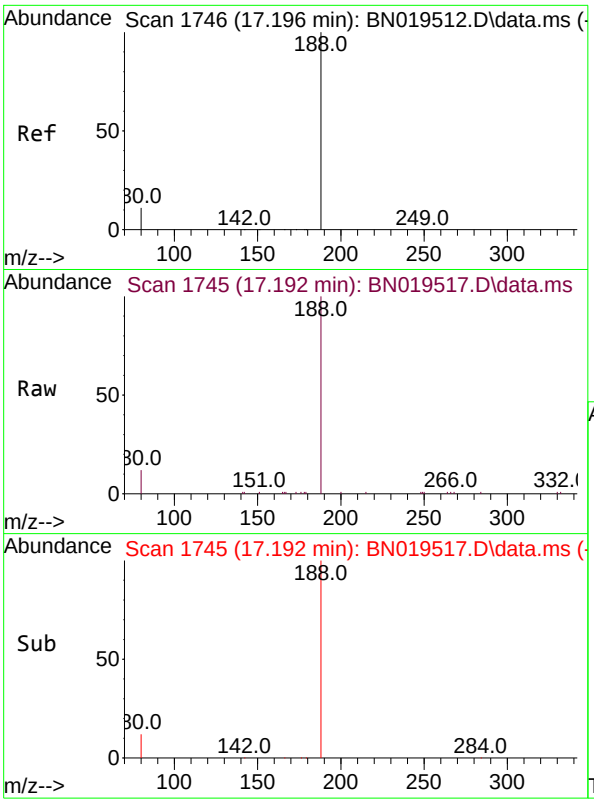


#18
Fluorene
Concen: 0.398 ng
RT: 15.498 min Scan# 1581
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:166 Resp: 11932

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	13.3	10.7	16.1



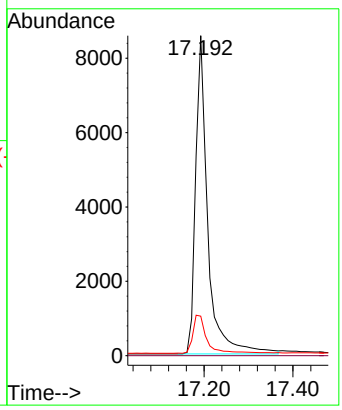


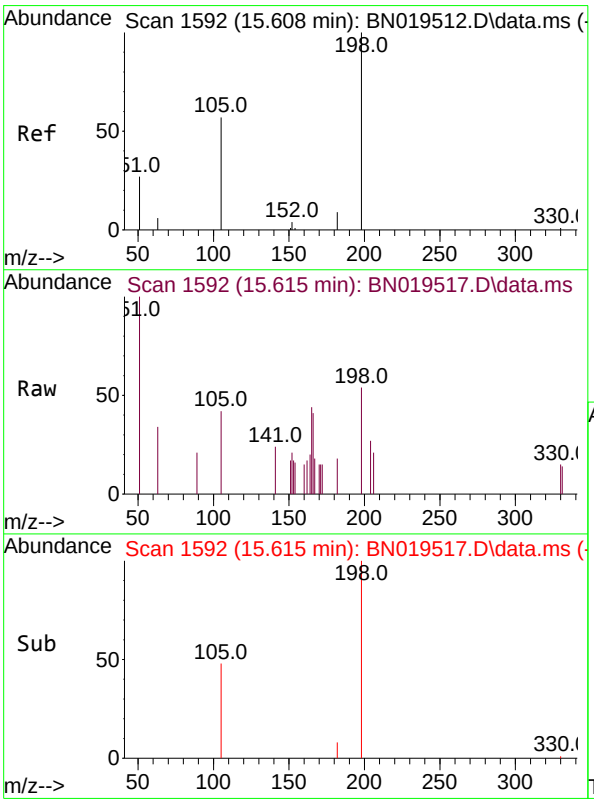
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:188 Resp: 16286

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	11.8	17.8

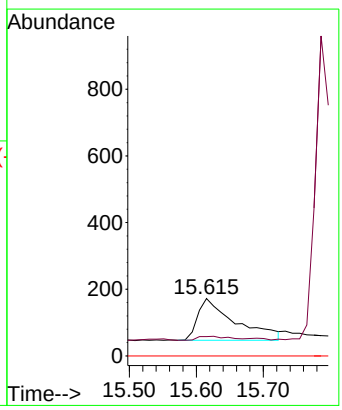


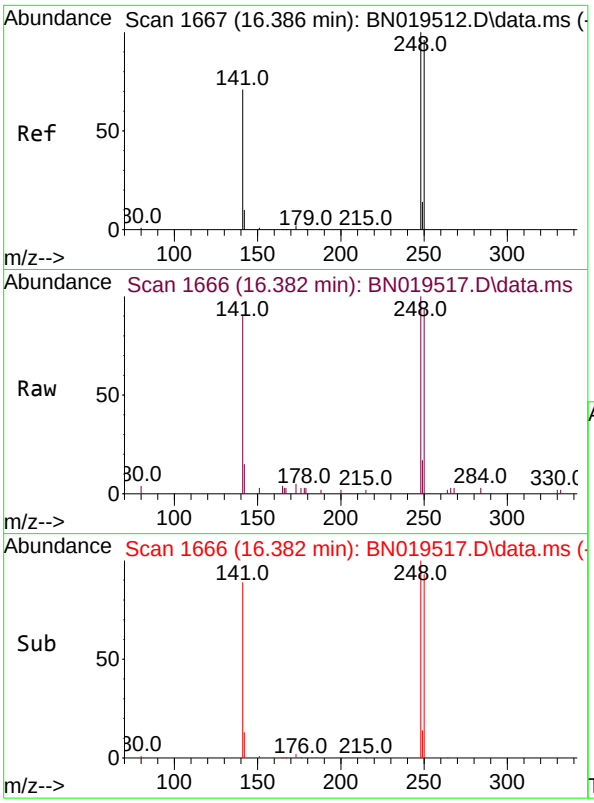


#20
4,6-Dinitro-2-methylphenol
Concen: 0.307 ng
RT: 15.615 min Scan# 1592
Delta R.T. 0.007 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:198 Resp: 487

Ion	Ratio	Lower	Upper
198	100		
182	33.7	13.0	19.4#
77	0.0	0.0	0.0



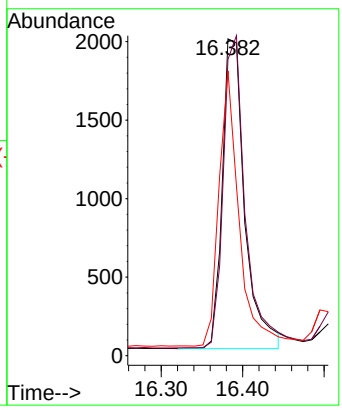


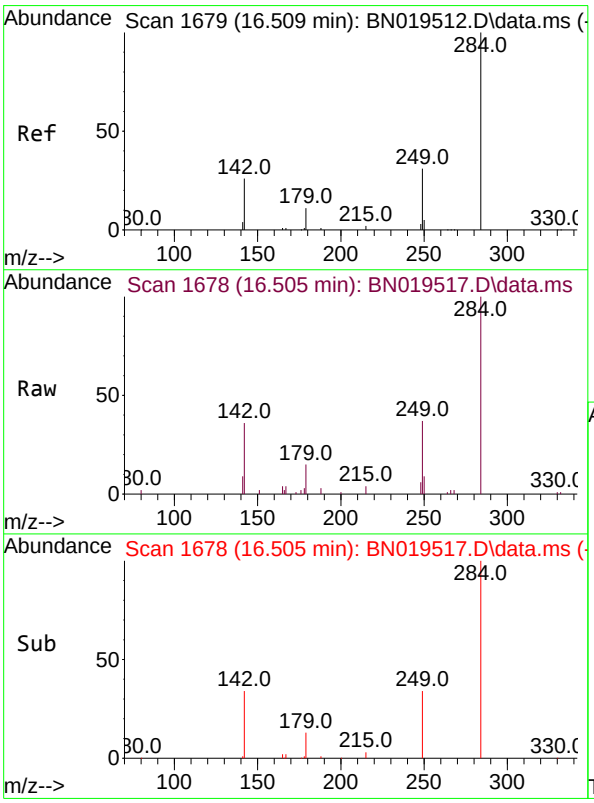
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.382 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:248 Resp: 3781

Ion	Ratio	Lower	Upper
248	100		
250	93.5	80.7	121.1
141	89.9	39.6	59.4#

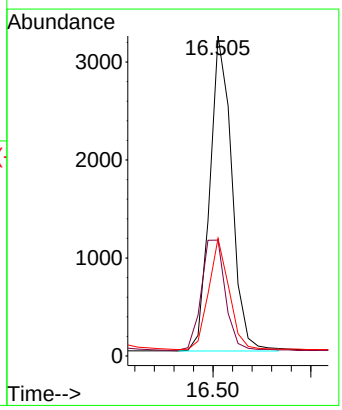


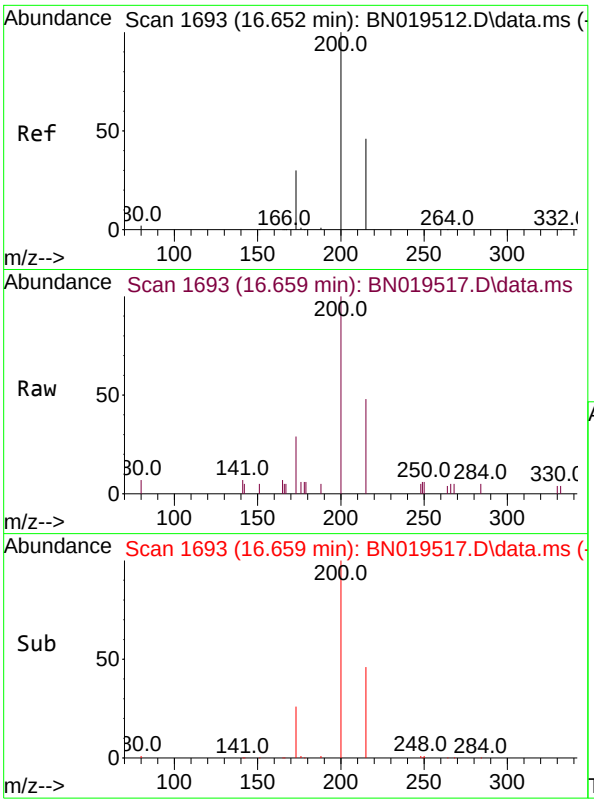


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.505 min Scan# 1678
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:284 Resp: 5006

Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.8	44.8
249	32.7	26.2	39.2



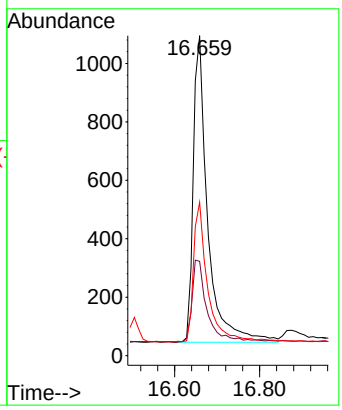


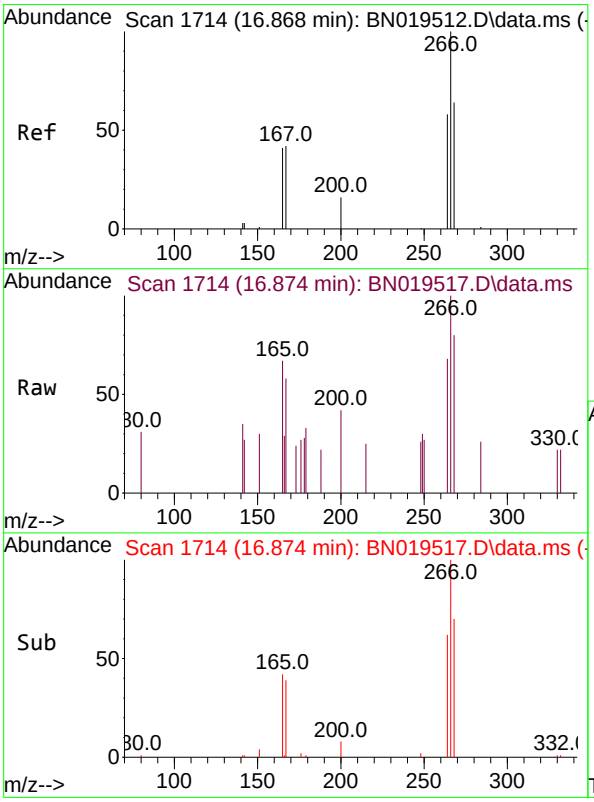
#23
Atrazine
Concen: 0.349 ng
RT: 16.659 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:200 Resp: 2465

Ion	Ratio	Lower	Upper
200	100		
173	29.5	23.9	35.9
215	47.9	36.6	54.8

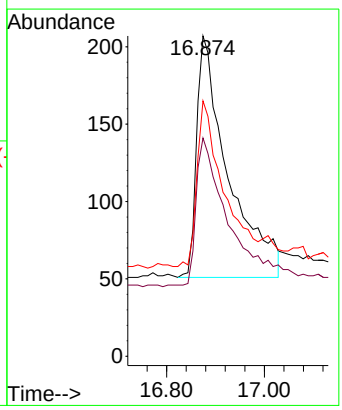


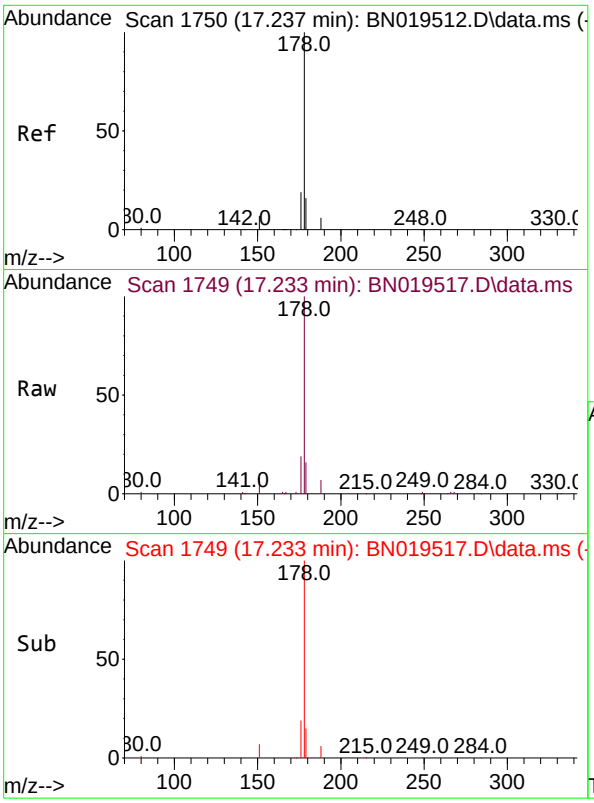


#24
Pentachlorophenol
Concen: 0.285 ng
RT: 16.874 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:266 Resp: 695

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.4
268	59.6	51.9	77.9



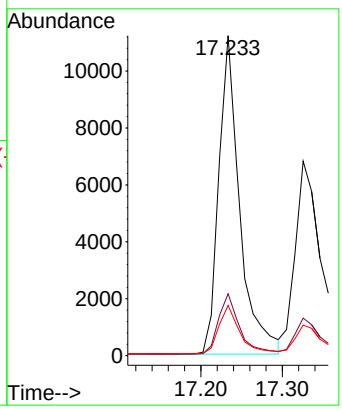


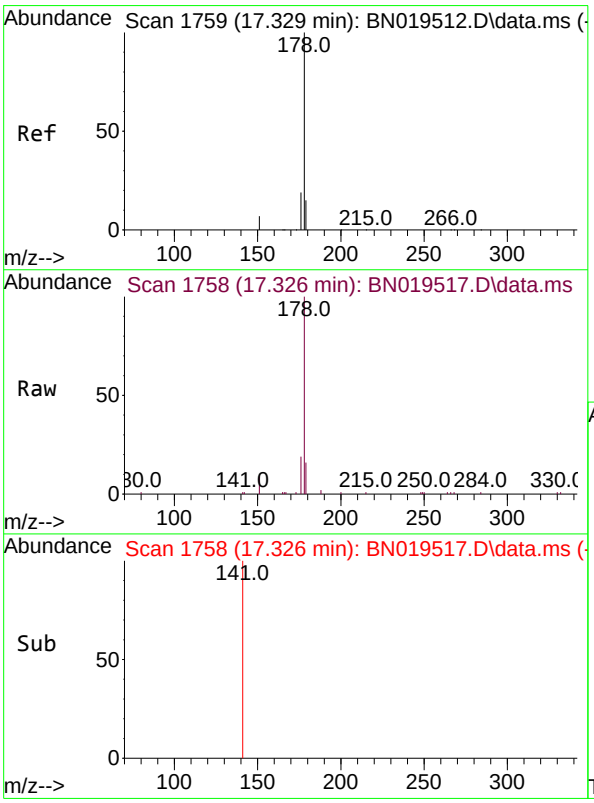
#25
Phenanthrene
Concen: 0.388 ng
RT: 17.233 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:178 Resp: 19950

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.2	18.2

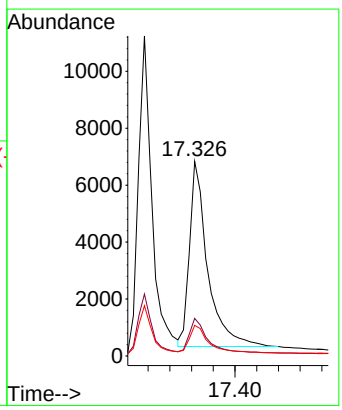


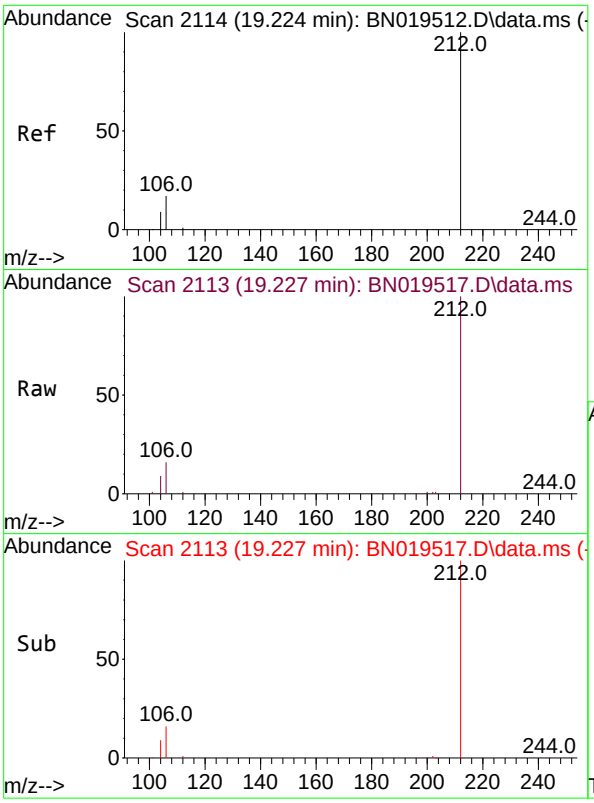


#26
Anthracene
Concen: 0.363 ng
RT: 17.326 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:178 Resp: 15102

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.2	12.2	18.4



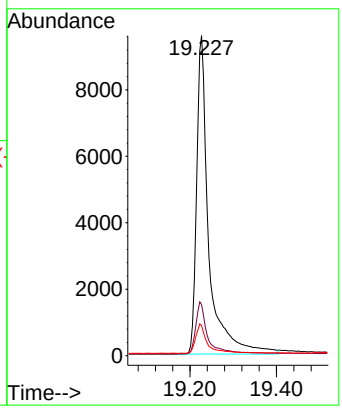


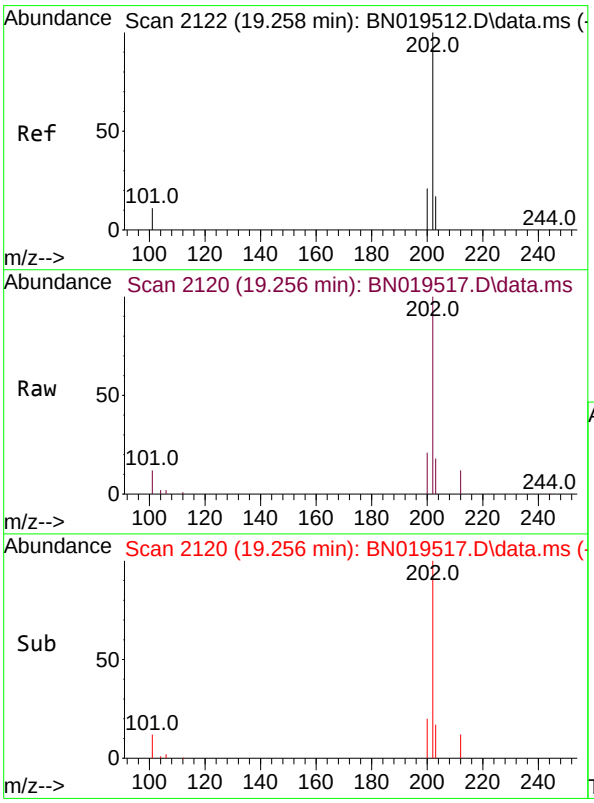
#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.227 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:212 Resp: 18717

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.7	19.1
104	8.9	7.1	10.7

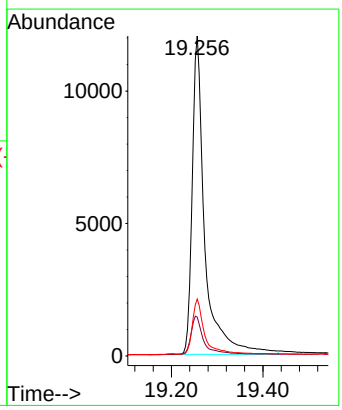


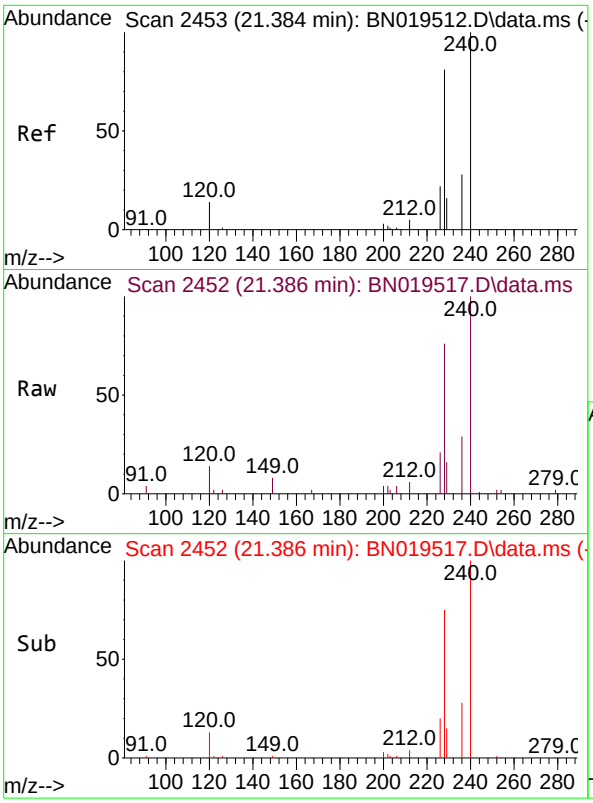


#28
Fluoranthene
Concen: 0.392 ng
RT: 19.256 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:202 Resp: 23087

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	16.7	13.7	20.5



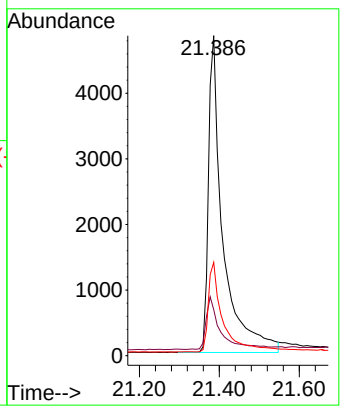


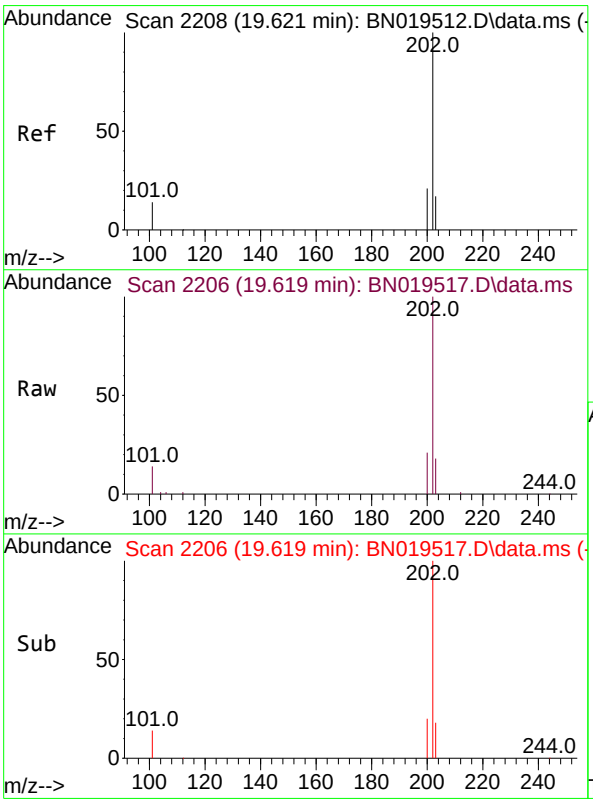
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:240 Resp: 12107

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.5	12.7#
236	29.2	22.4	33.6

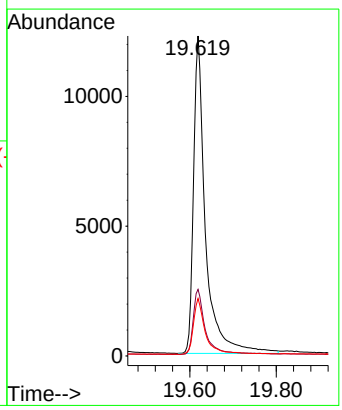


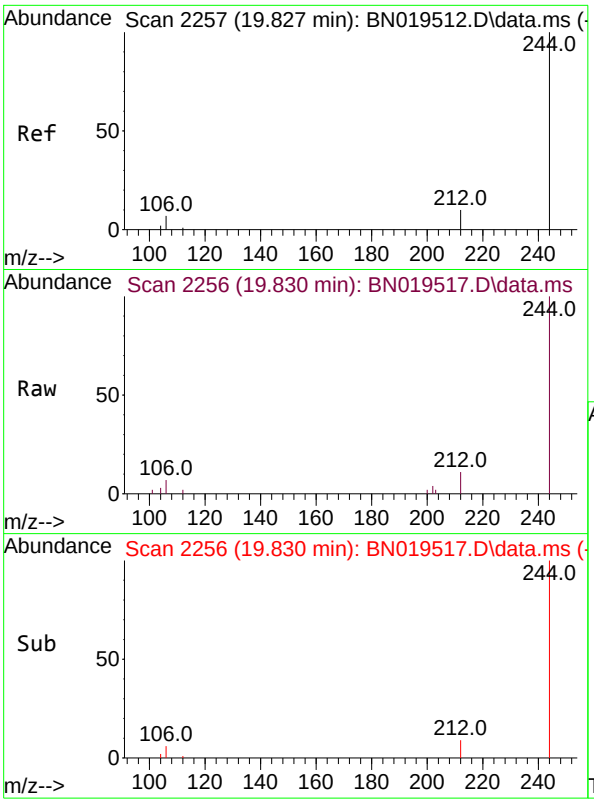


#30
Pyrene
Concen: 0.410 ng
RT: 19.619 min Scan# 2206
Delta R.T. -0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:202 Resp: 23519

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.2	21.2



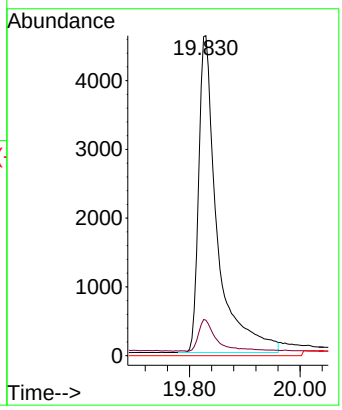


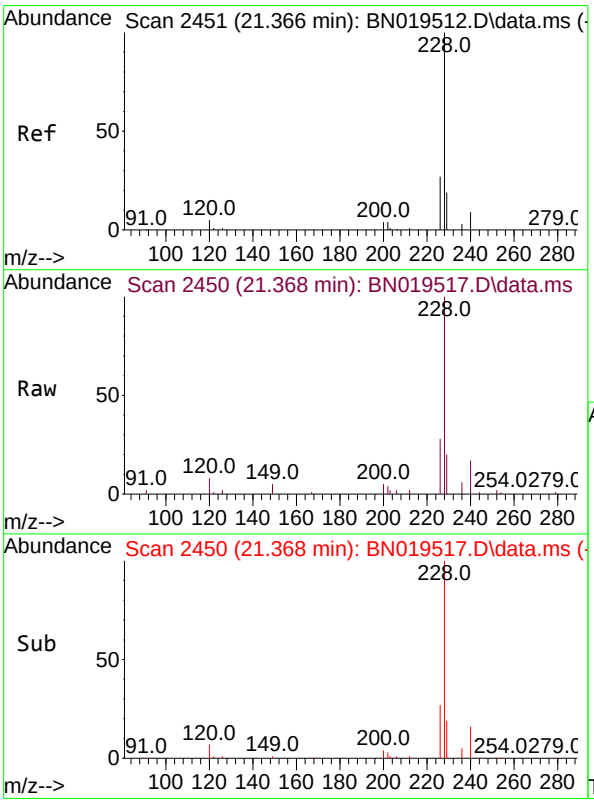
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.830 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:244 Resp: 10769

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.2	12.4
122	0.0	0.0	0.0

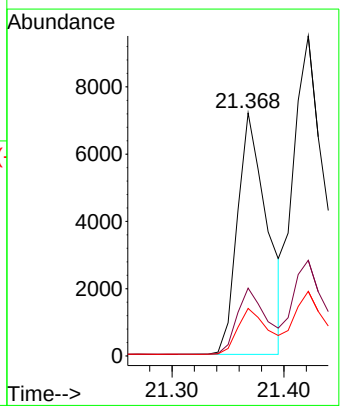


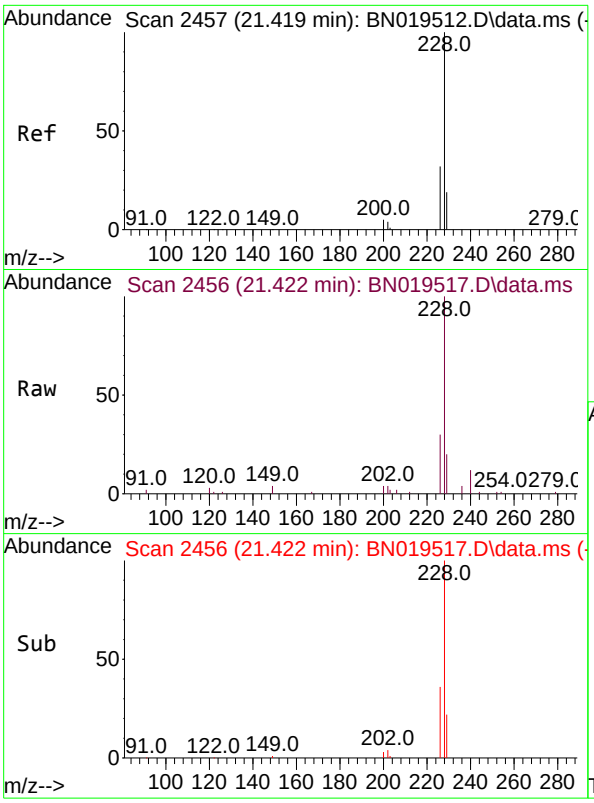


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.368 min Scan# 2450
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:228 Resp: 13164

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	19.6	16.0	24.0



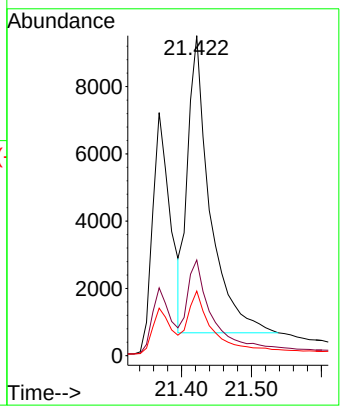


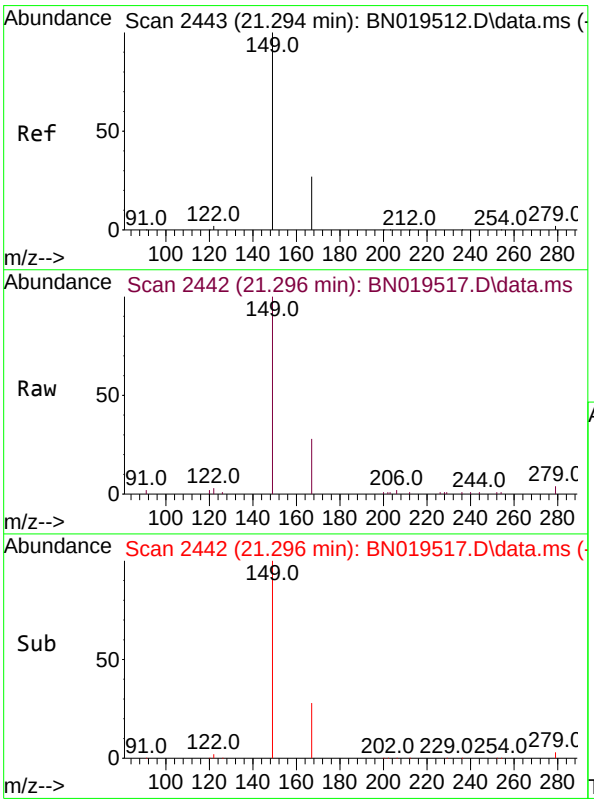
#33
Chrysene
Concen: 0.411 ng
RT: 21.422 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:228 Resp: 19565

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.2	15.9	23.9

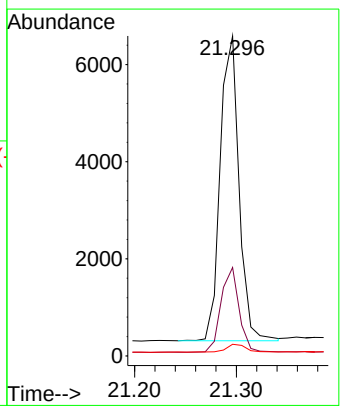


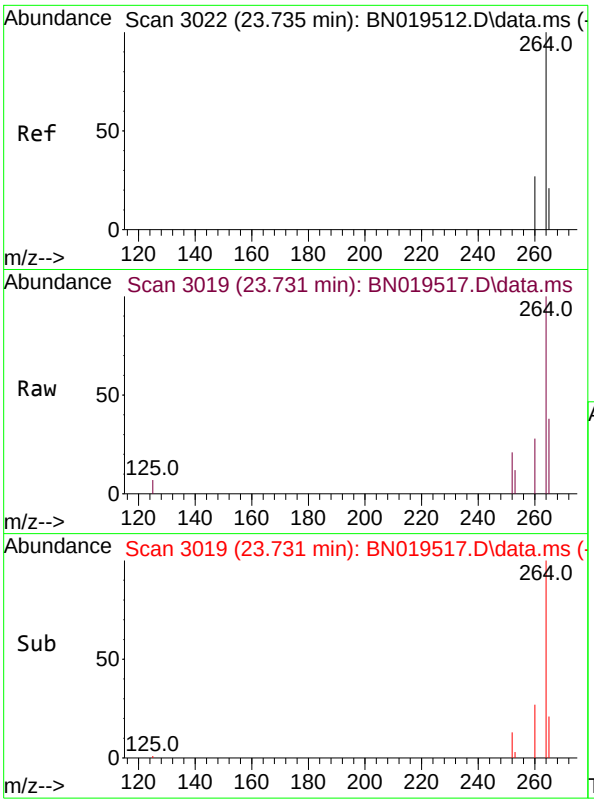


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.296 min Scan# 2442
Delta R.T. 0.002 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:149 Resp: 8048

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	2.7	2.0	3.0



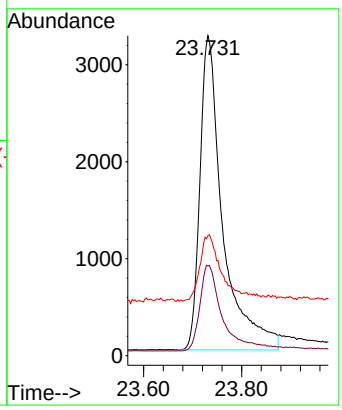


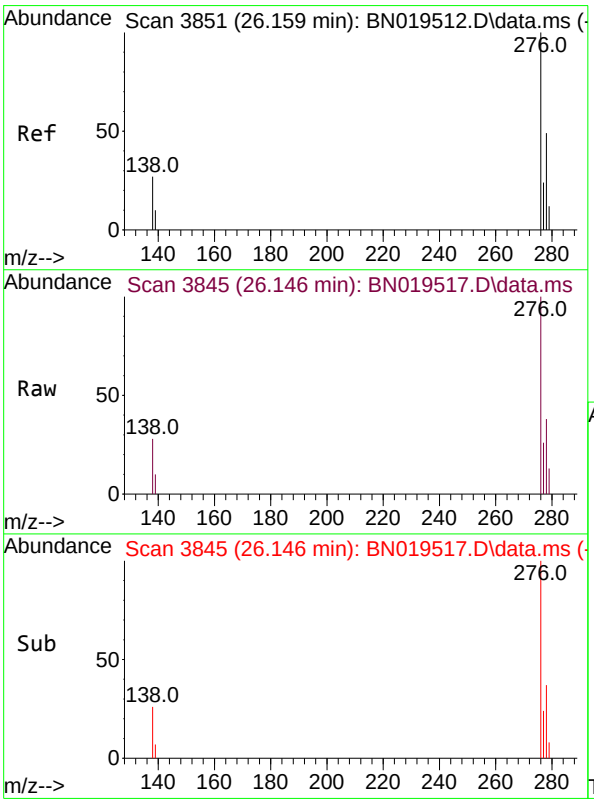
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.731 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:264 Resp: 10492

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.4	33.6
265	37.5	25.3	37.9

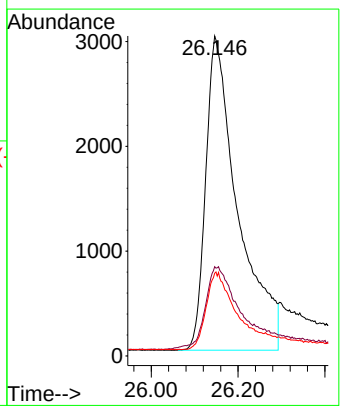


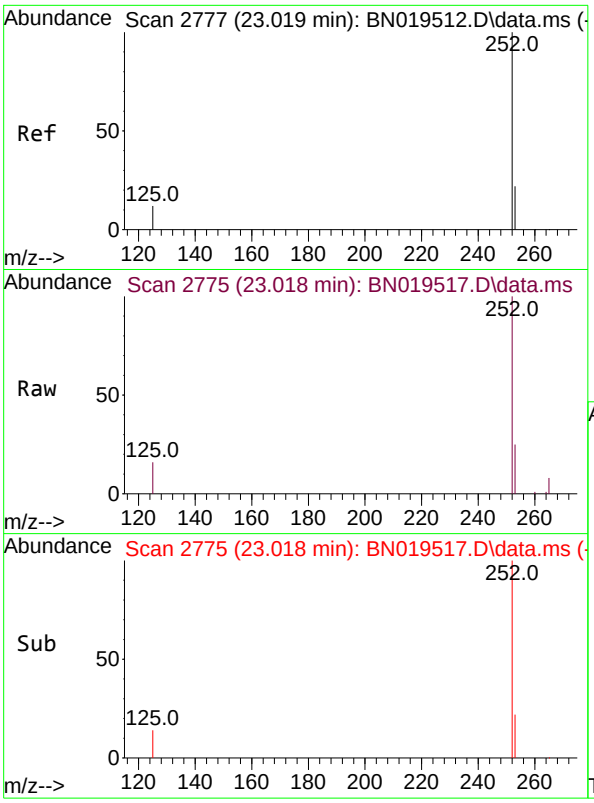


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.146 min Scan# 3845
Delta R.T. -0.012 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:276 Resp: 15416

Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.5	36.7
277	23.2	19.8	29.8



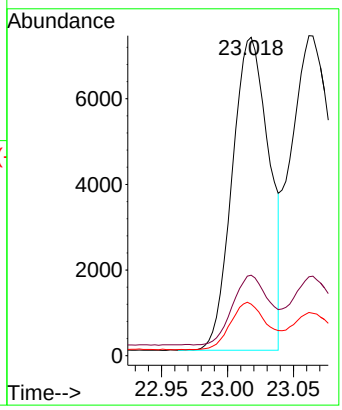


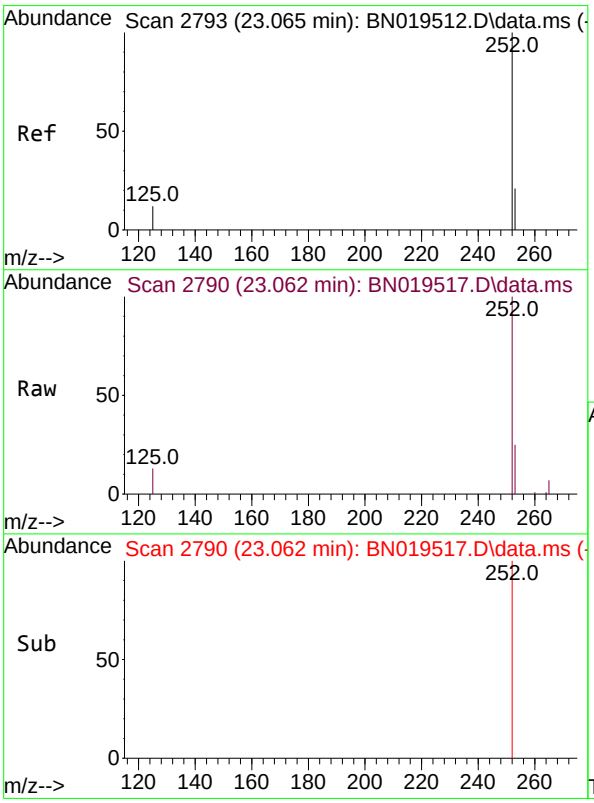
#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 23.018 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:252 Resp: 14153

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	16.2	12.1	18.1

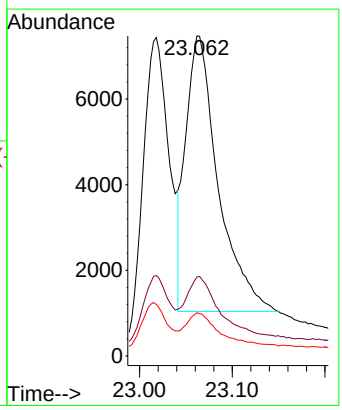


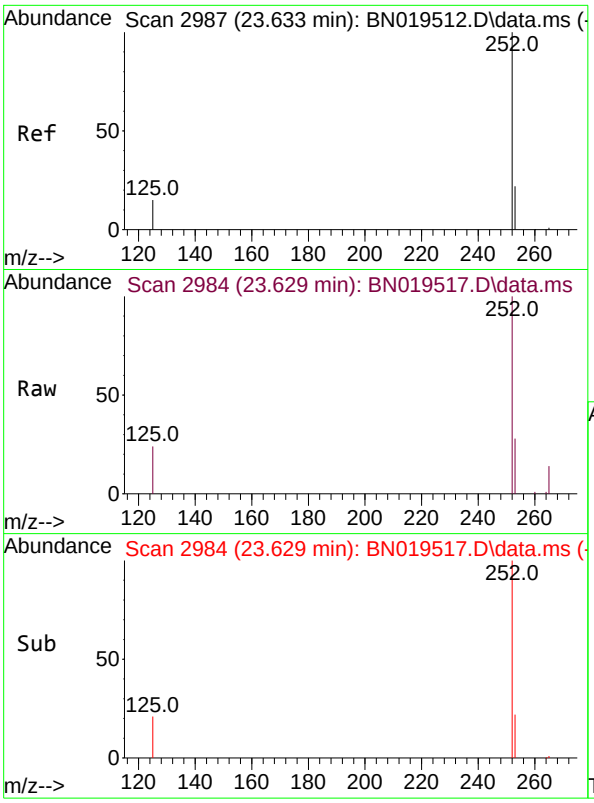


#38
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 23.062 min Scan# 2790
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:252 Resp: 15703

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	13.5	10.3	15.5



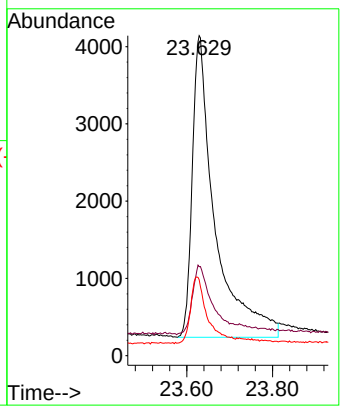


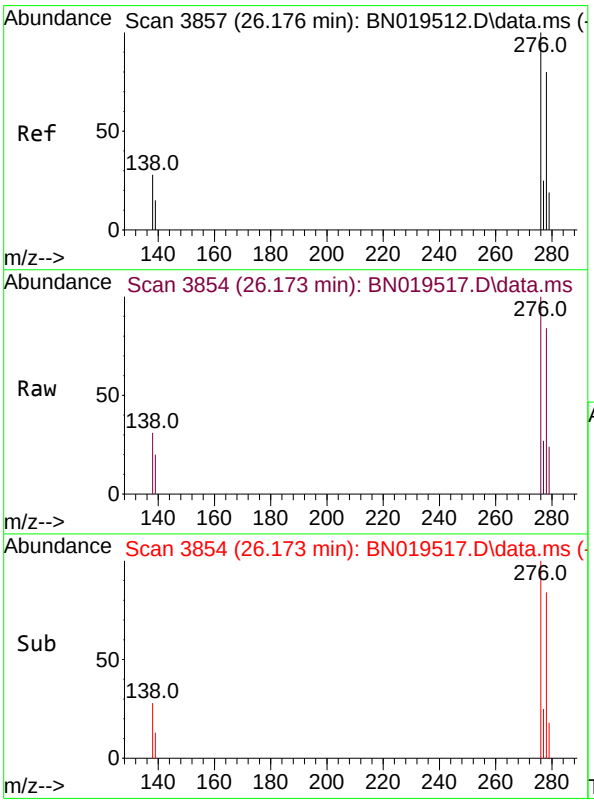
#39
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.629 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:252 Resp: 14282

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.1	30.1
125	23.8	15.2	22.8#

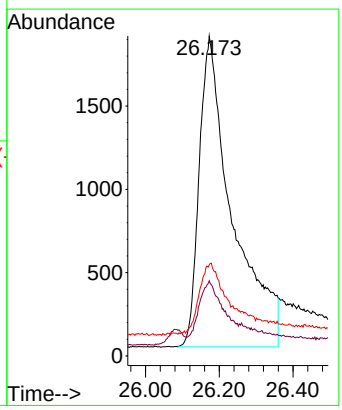


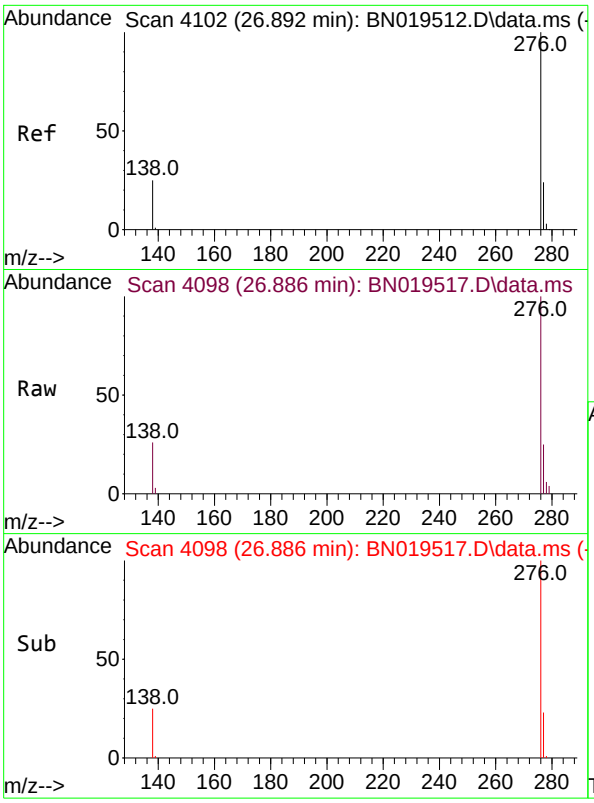


#40
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.173 min Scan# 3854
Delta R.T. -0.004 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Tgt Ion:278 Resp: 11624

Ion	Ratio	Lower	Upper
278	100		
139	23.5	17.2	25.8
279	28.4	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 26.886 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019517.D
Acq: 20 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Tgt Ion:276 Resp: 15948

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	26.3	21.0	31.6