Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029201.D
Acq On : 27 Dec 2023 15:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Quant Time: Dec 28 01:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

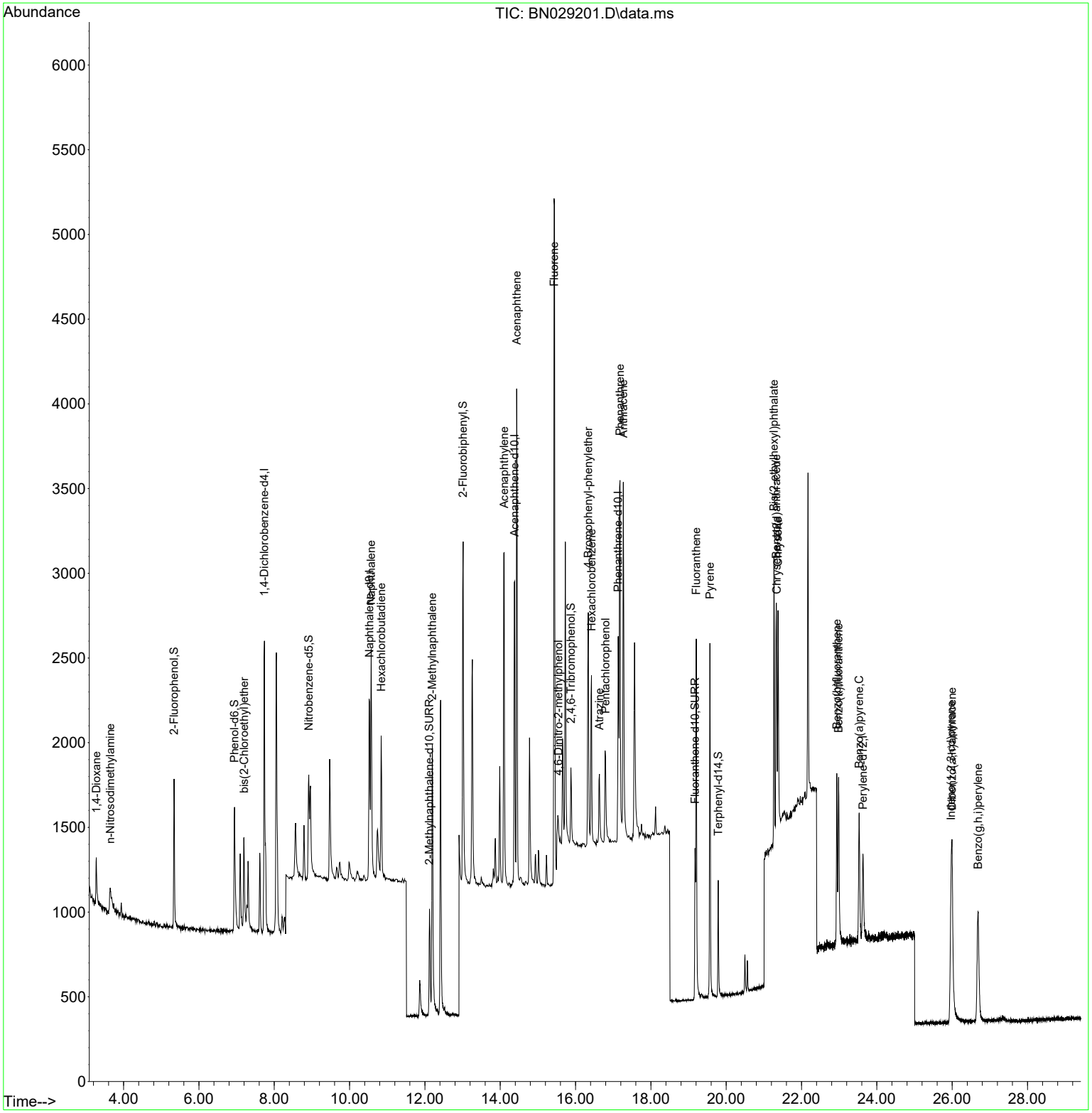
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	926	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	1844	0.400	ng		0.01
13) Acenaphthene-d10	14.383	164	1123	0.400	ng		0.01
19) Phenanthrene-d10	17.131	188	1849	0.400	ng		0.00
29) Chrysene-d12	21.340	240	613	0.400	ng		0.00
35) Perylene-d12	23.630	264	741	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	730	0.339	ng		0.00
5) Phenol-d6	6.944	99	800	0.331	ng		0.00
8) Nitrobenzene-d5	8.918	82	822	0.355	ng		0.01
11) 2-Methylnaphthalene-d10	12.121	152	1088	0.341	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	280	0.323	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2156	0.358	ng		0.01
27) Fluoranthene-d10	19.173	212	1106	0.294	ng		0.00
31) Terphenyl-d14	19.786	244	644	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	270	0.321	ng	#	88
3) n-Nitrosodimethylamine	3.644	42	203	0.288	ng	#	95
6) bis(2-Chloroethyl)ether	7.197	93	490	0.297	ng		94
9) Naphthalene	10.573	128	1919	0.343	ng		96
10) Hexachlorobutadiene	10.840	225	538	0.337	ng	#	95
12) 2-Methylnaphthalene	12.197	142	1395	0.337	ng		97
16) Acenaphthylene	14.105	152	2487	0.337	ng		99
17) Acenaphthene	14.436	154	1548	0.339	ng		99
18) Fluorene	15.430	166	2318	0.352	ng		98
20) 4,6-Dinitro-2-methylph...	15.542	198	226	0.351	ng		92
21) 4-Bromophenyl-phenylether	16.337	248	563	0.352	ng		96
22) Hexachlorobenzene	16.424	284	665	0.355	ng		98
23) Atrazine	16.635	200	538	0.347	ng		92
24) Pentachlorophenol	16.796	266	376	0.309	ng		95
25) Phenanthrene	17.181	178	2833	0.346	ng		98
26) Anthracene	17.268	178	2754	0.345	ng		98
28) Fluoranthene	19.206	202	2200	0.300	ng		98
30) Pyrene	19.568	202	2138	0.346	ng		99
32) Benzo(a)anthracene	21.331	228	1214	0.343	ng		97
33) Chrysene	21.375	228	1208	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	1731	0.337	ng		100
36) Indeno(1,2,3-cd)pyrene	25.972	276	1806	0.351	ng	#	73
37) Benzo(b)fluoranthene	22.938	252	1374	0.343	ng		97
38) Benzo(k)fluoranthene	22.984	252	1384	0.356	ng		97
39) Benzo(a)pyrene	23.531	252	1242	0.342	ng	#	93
40) Dibenzo(a,h)anthracene	25.999	278	1345	0.342	ng		96
41) Benzo(g,h,i)perylene	26.689	276	1580	0.363	ng		99

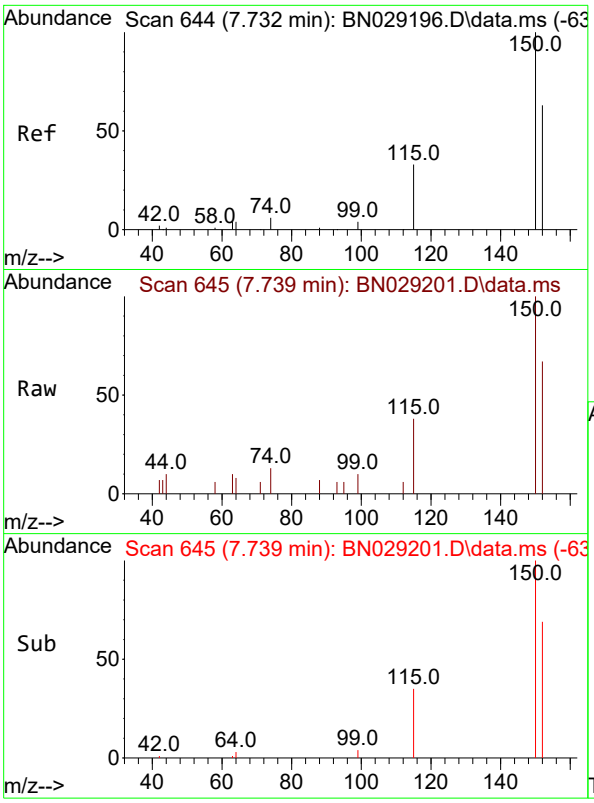
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029201.D
Acq On : 27 Dec 2023 15:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Quant Time: Dec 28 01:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration



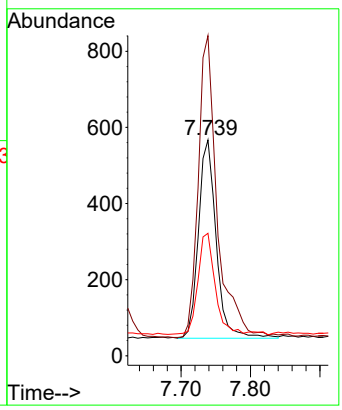


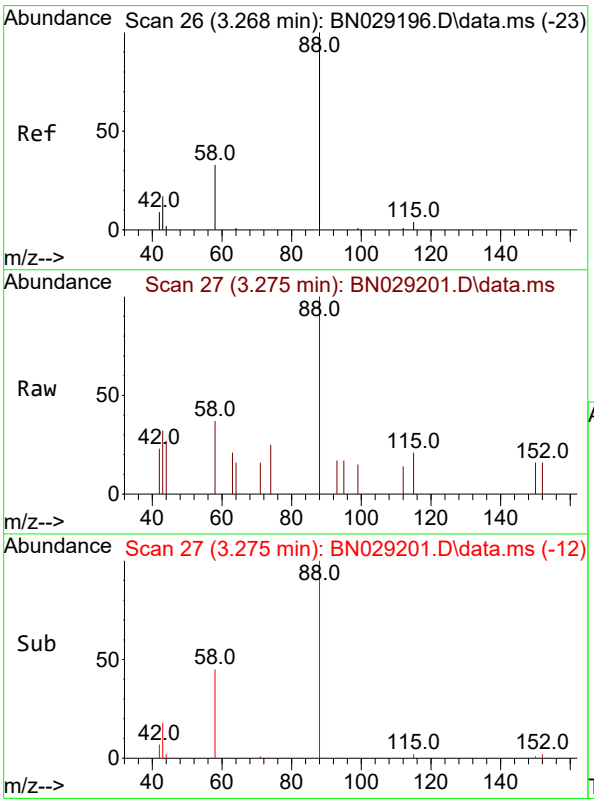
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:152 Resp: 926

Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.2	183.2
115	56.8	48.2	72.4

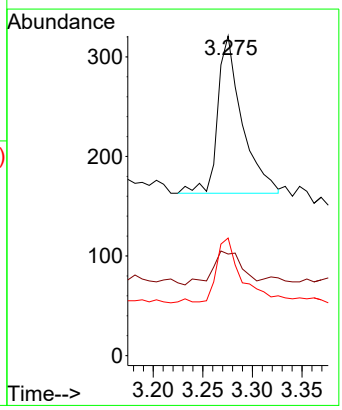


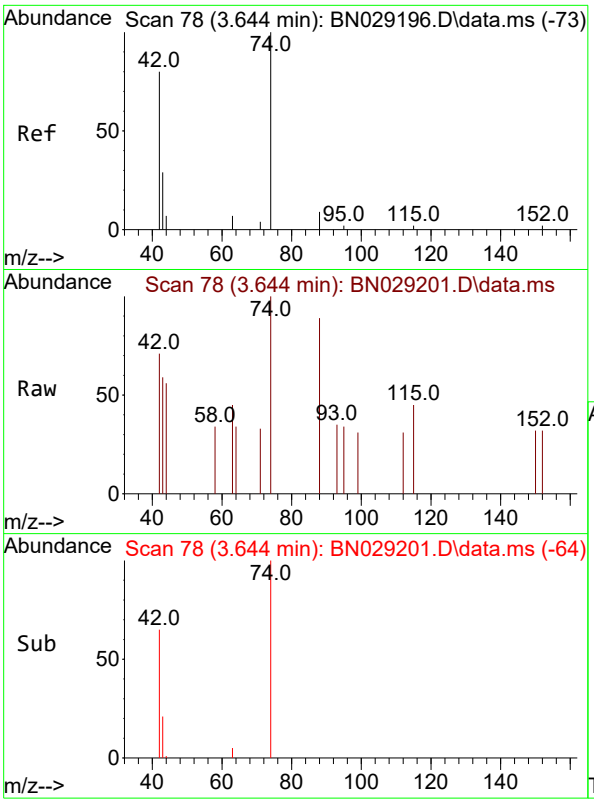


#2
1,4-Dioxane
Concen: 0.321 ng
RT: 3.275 min Scan# 27
Delta R.T. 0.007 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion: 88 Resp: 270

Ion	Ratio	Lower	Upper
88	100		
43	25.6	19.0	28.4
58	39.3	23.1	34.7#



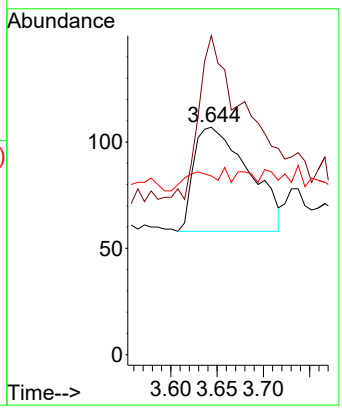


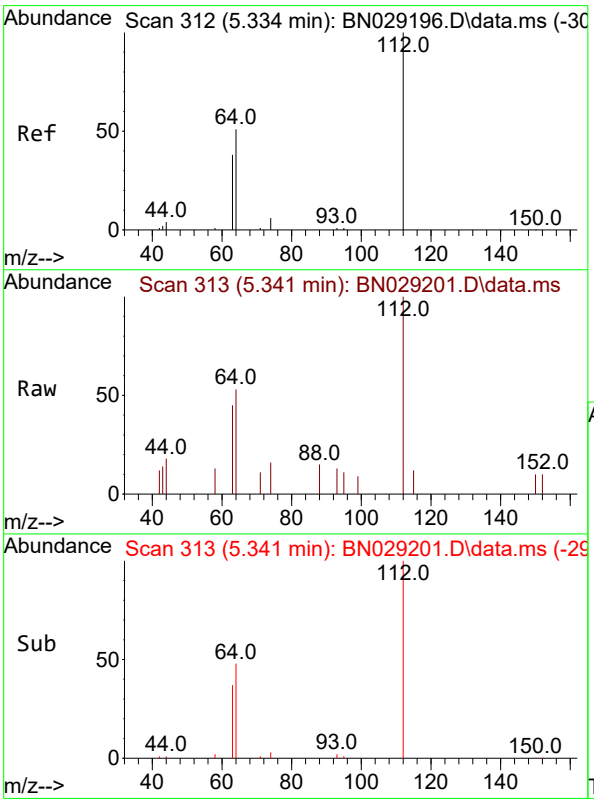
#3
n-Nitrosodimethylamine
Concen: 0.288 ng
RT: 3.644 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion: 42 Resp: 203

Ion	Ratio	Lower	Upper
42	100		
74	128.1	106.8	160.2
44	9.9	5.6	8.4#

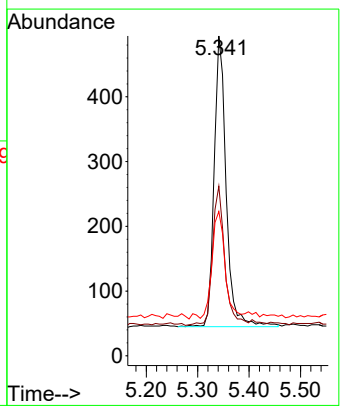


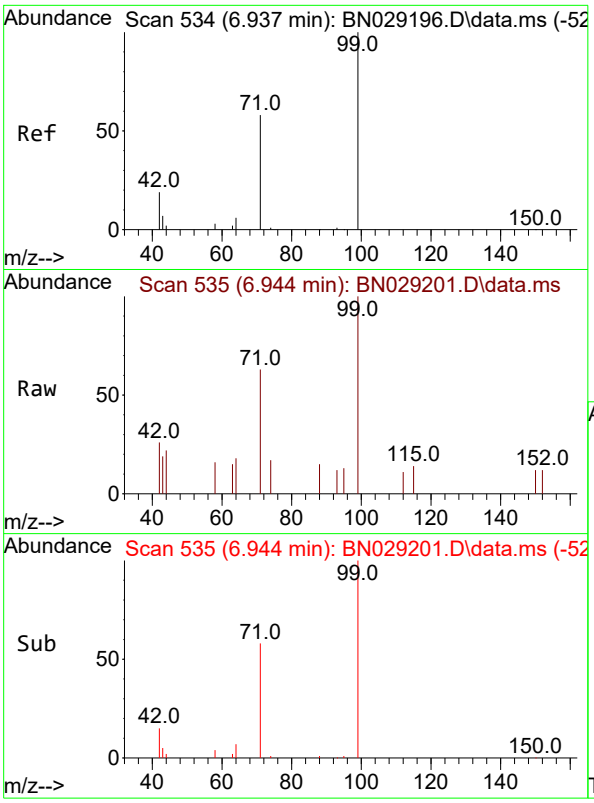


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:112 Resp: 730

Ion	Ratio	Lower	Upper
112	100		
64	48.4	38.8	58.2
63	39.0	30.6	45.8



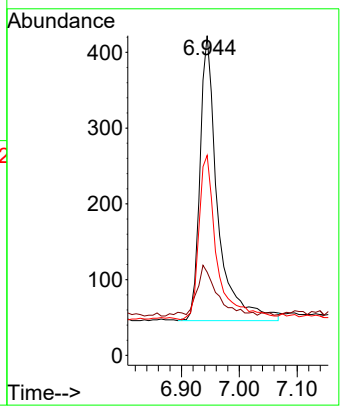


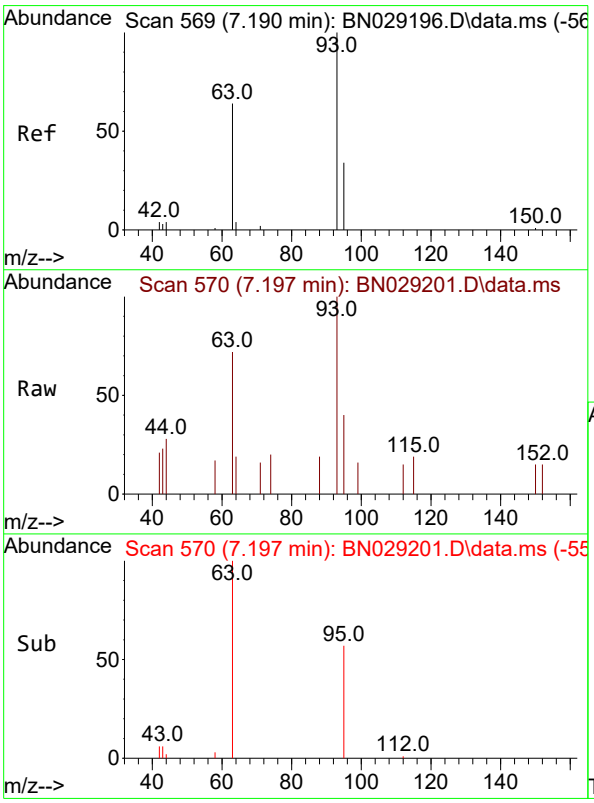
#5
Phenol-d6
Concen: 0.331 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion: 99 Resp: 800

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.3	27.5
71	59.5	48.6	73.0

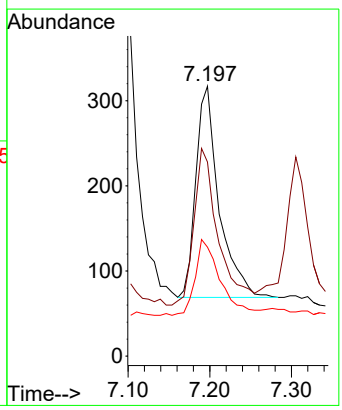


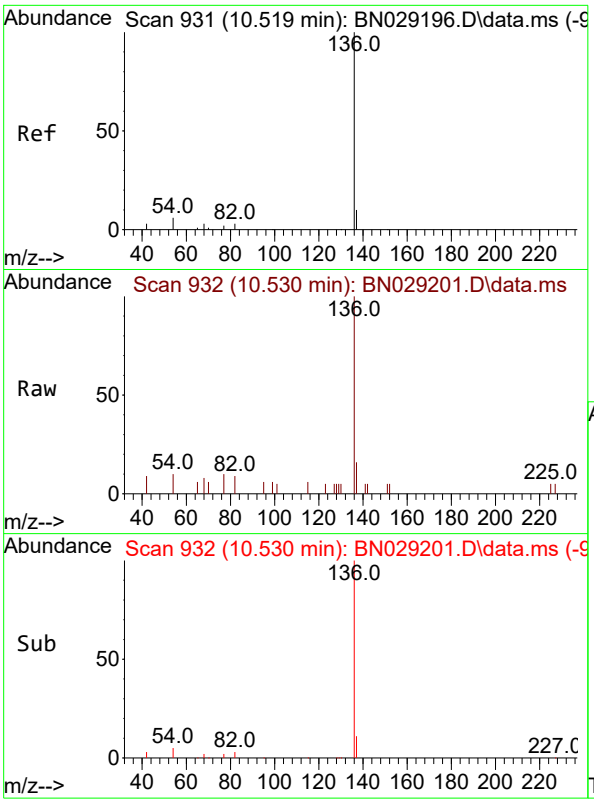


#6
bis(2-Chloroethyl)ether
Concen: 0.297 ng
RT: 7.197 min Scan# 570
Delta R.T. 0.007 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion: 93 Resp: 490

Ion	Ratio	Lower	Upper
93	100		
63	77.6	56.6	85.0
95	38.4	29.9	44.9



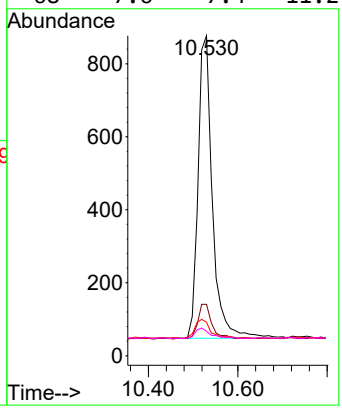


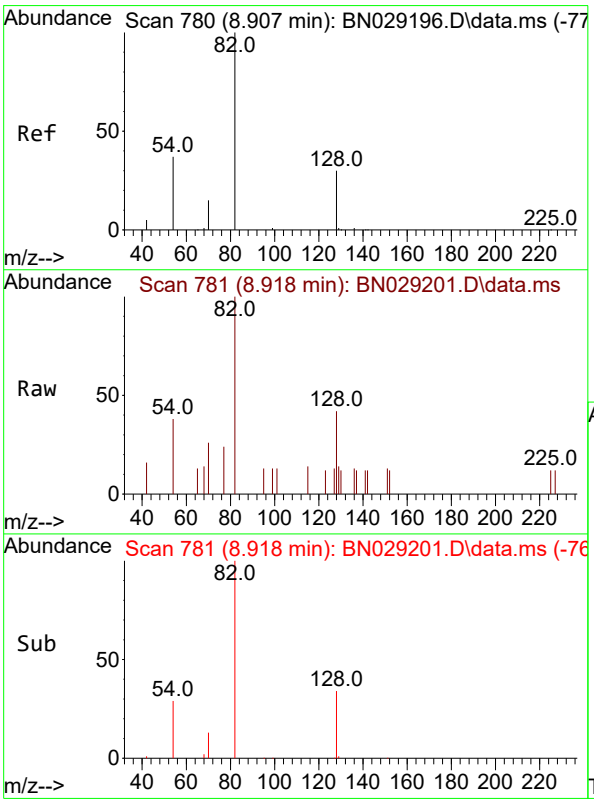
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:136 Resp: 1844

Ion	Ratio	Lower	Upper
136	100		
137	16.1	13.0	19.4
54	10.5	9.8	14.6
68	7.6	7.4	11.2

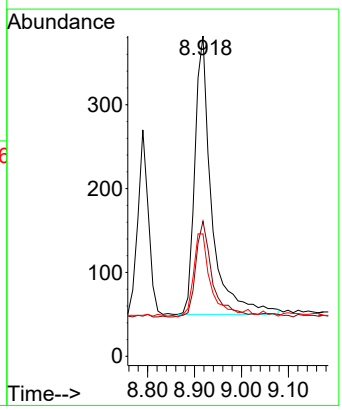


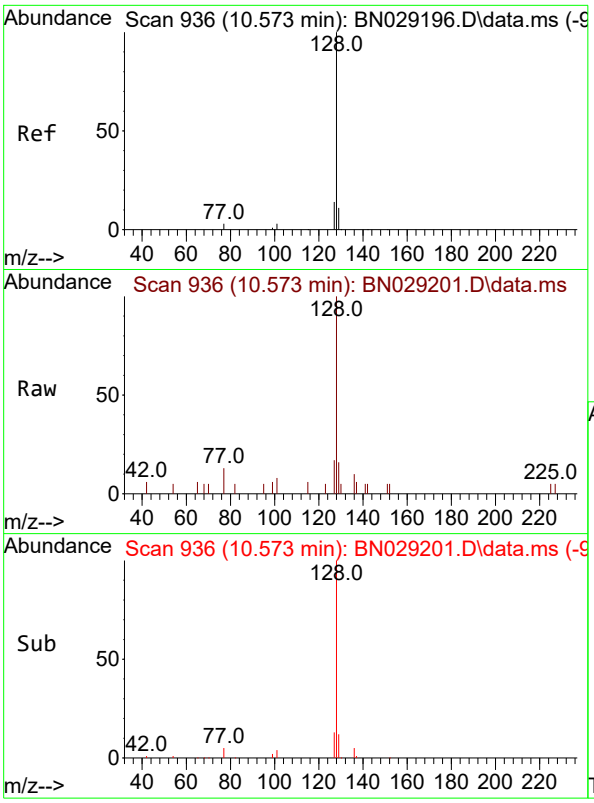


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion: 82 Resp: 822

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	38.2	38.8	58.2#



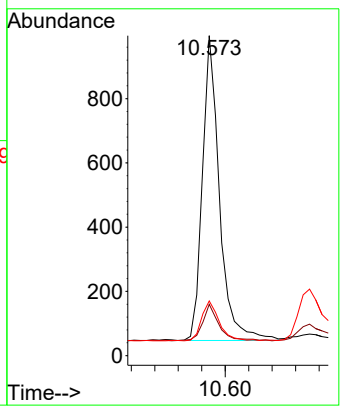


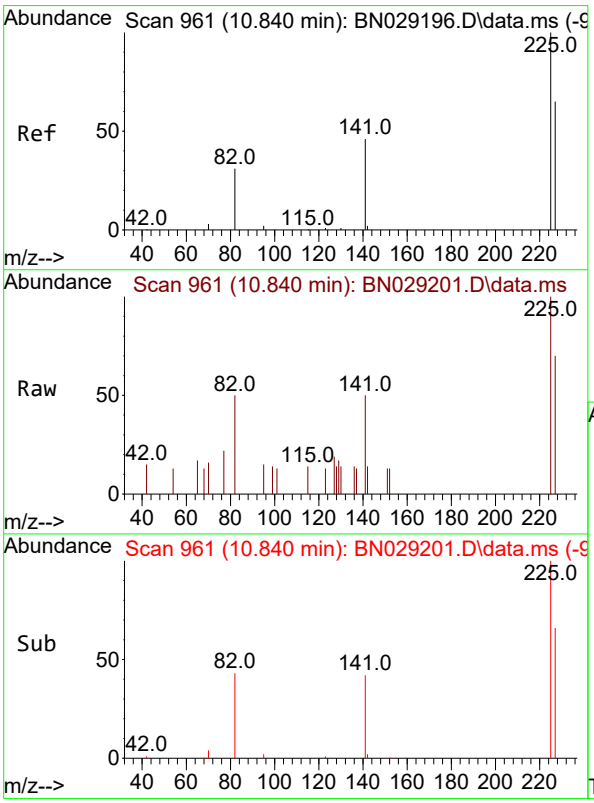
#9
Naphthalene
Concen: 0.343 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:128 Resp: 1919

Ion	Ratio	Lower	Upper
128	100		
129	16.1	13.4	20.2
127	17.1	15.5	23.3

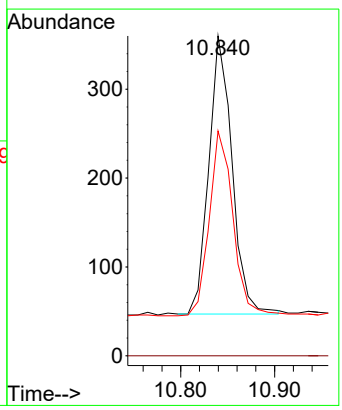


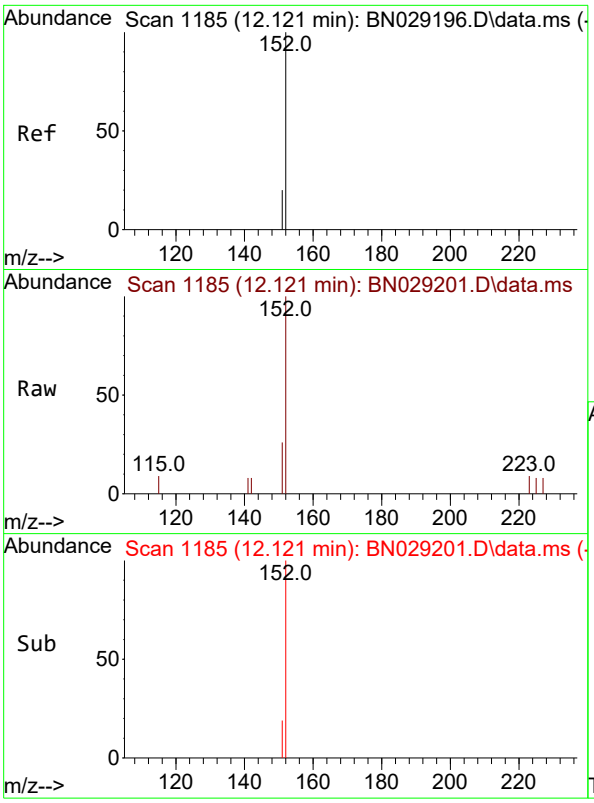


#10
Hexachlorobutadiene
Concen: 0.337 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:225 Resp: 538

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	67.8	51.0	76.6



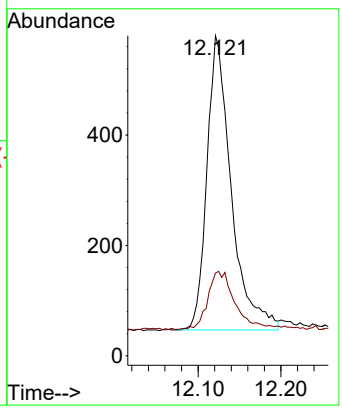


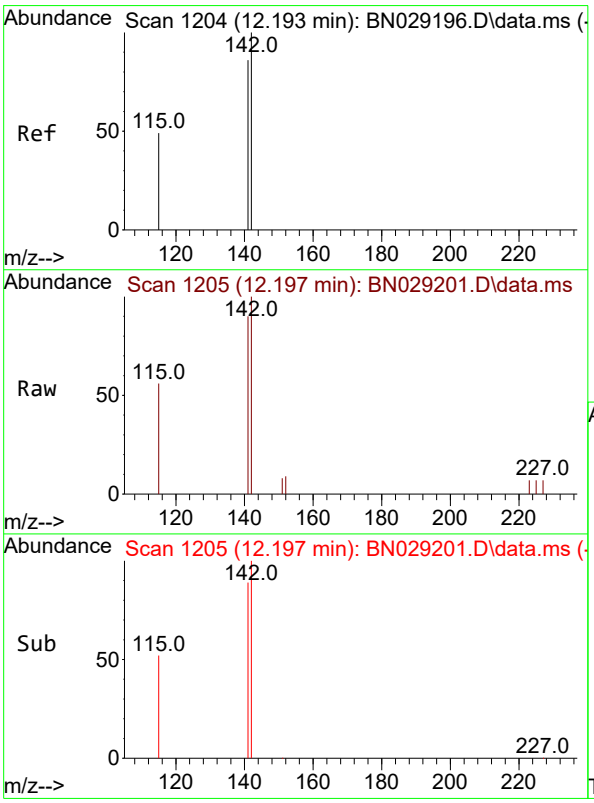
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.121 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:152 Resp: 1088

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.6	24.8

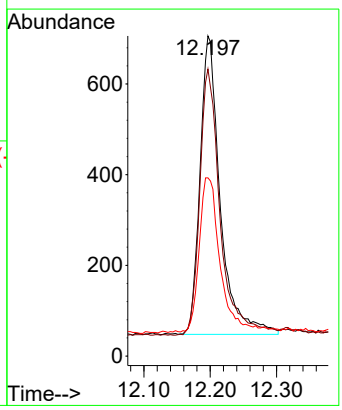


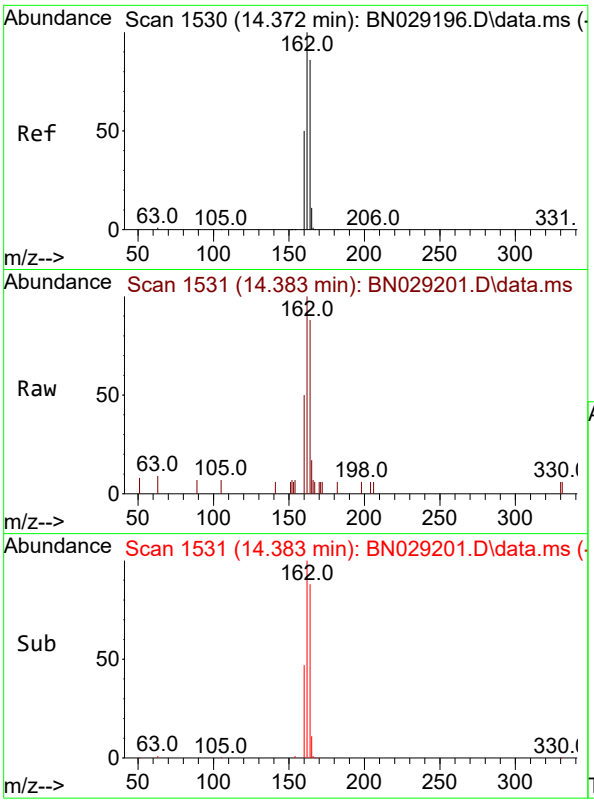


#12
2-Methylnaphthalene
Concen: 0.337 ng
RT: 12.197 min Scan# 1205
Delta R.T. 0.004 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:142 Resp: 1395

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.8	104.6
115	55.7	43.2	64.8



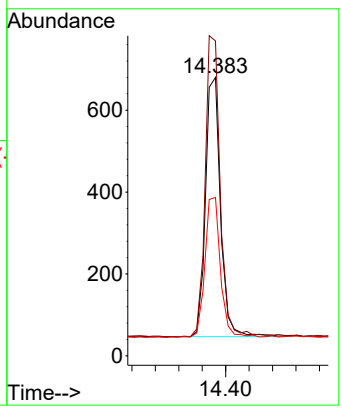


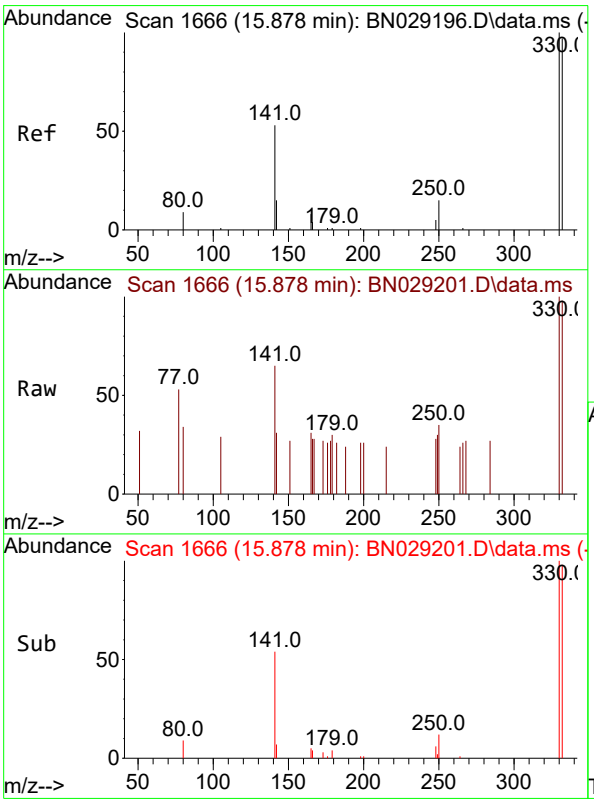
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.383 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:164 Resp: 1123

Ion	Ratio	Lower	Upper
164	100		
162	113.1	91.8	137.8
160	56.9	49.4	74.2

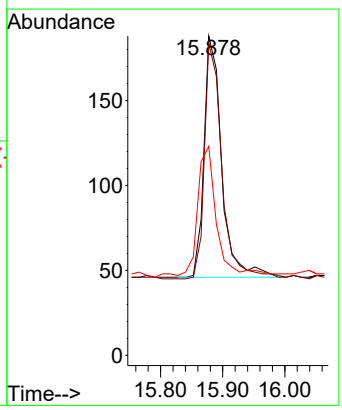


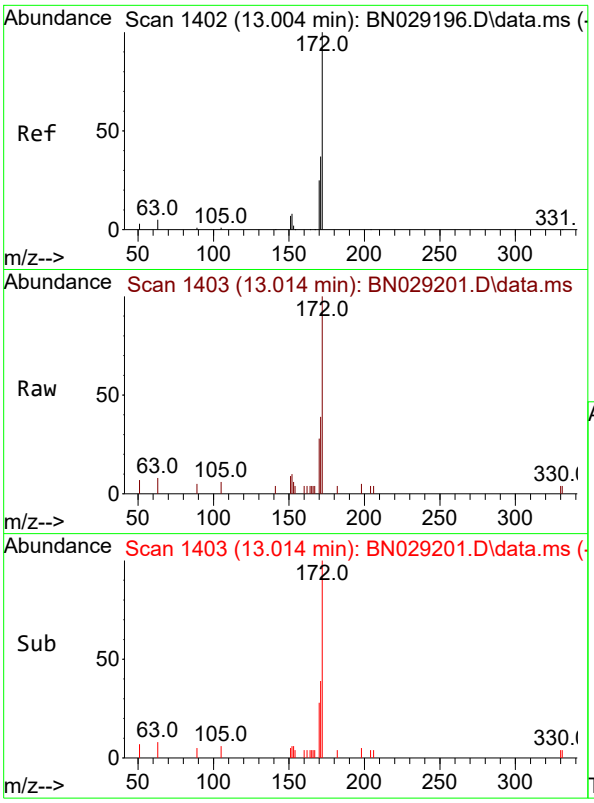


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.878 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:330 Resp: 280

Ion	Ratio	Lower	Upper
330	100		
332	97.5	74.4	111.6
141	56.1	46.7	70.1



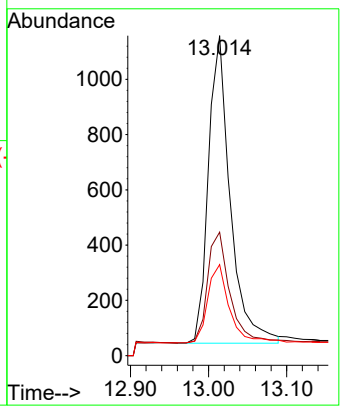


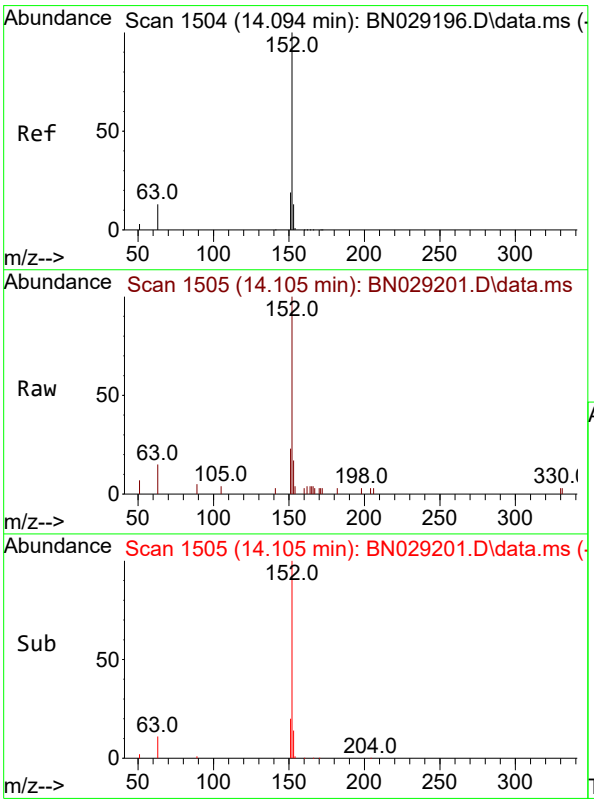
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.014 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:172 Resp: 2156

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.8	49.2
170	28.4	24.0	36.0

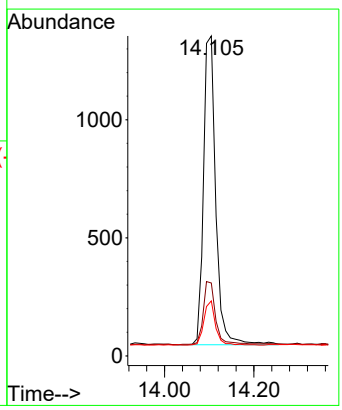


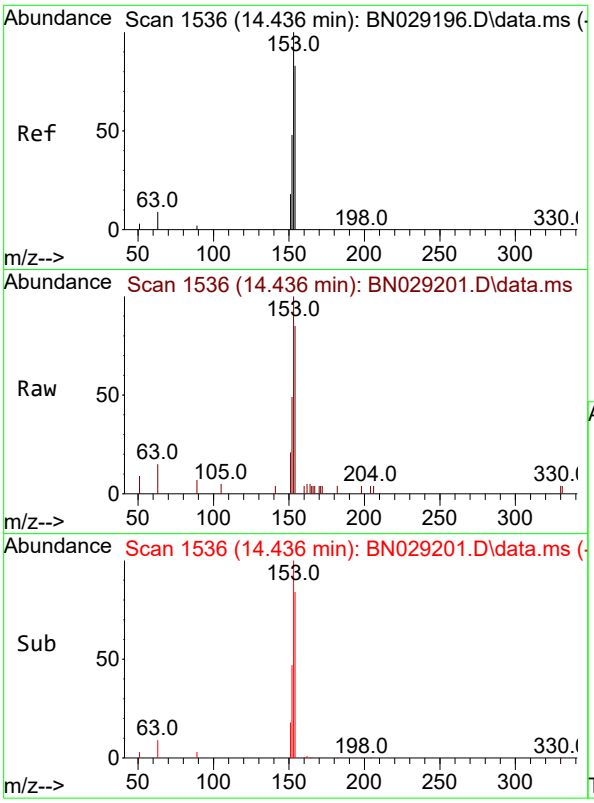


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.105 min Scan# 1505
Delta R.T. 0.011 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:152 Resp: 2487

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	13.4	10.8	16.2



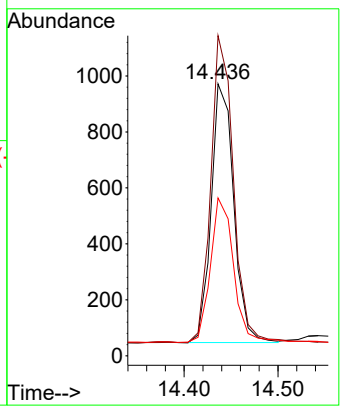


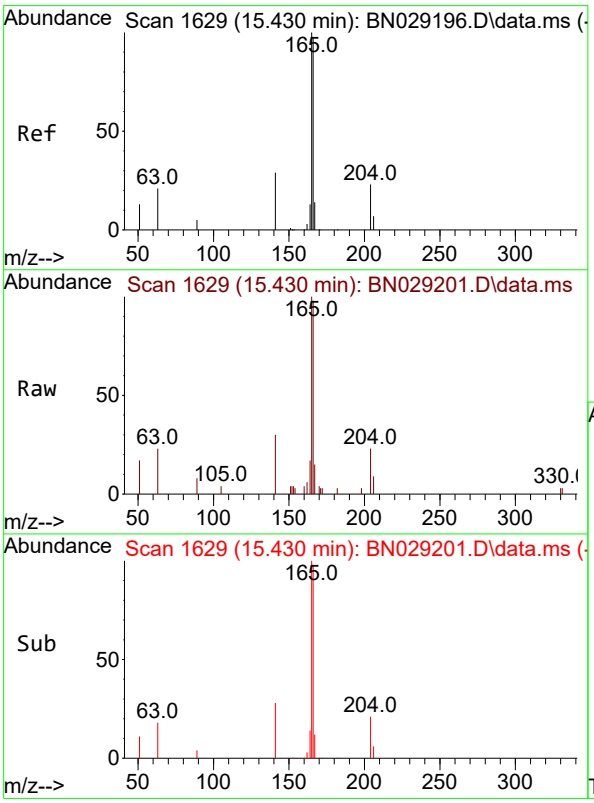
#17
Acenaphthene
Concen: 0.339 ng
RT: 14.436 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:154 Resp: 1548

Ion	Ratio	Lower	Upper
154	100		
153	118.9	94.6	141.8
152	57.4	46.4	69.6

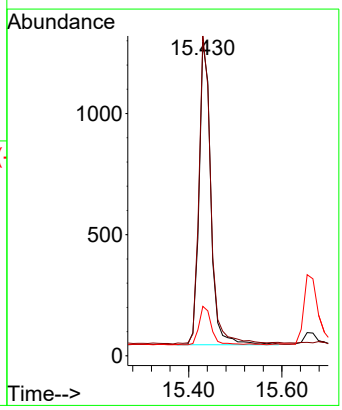


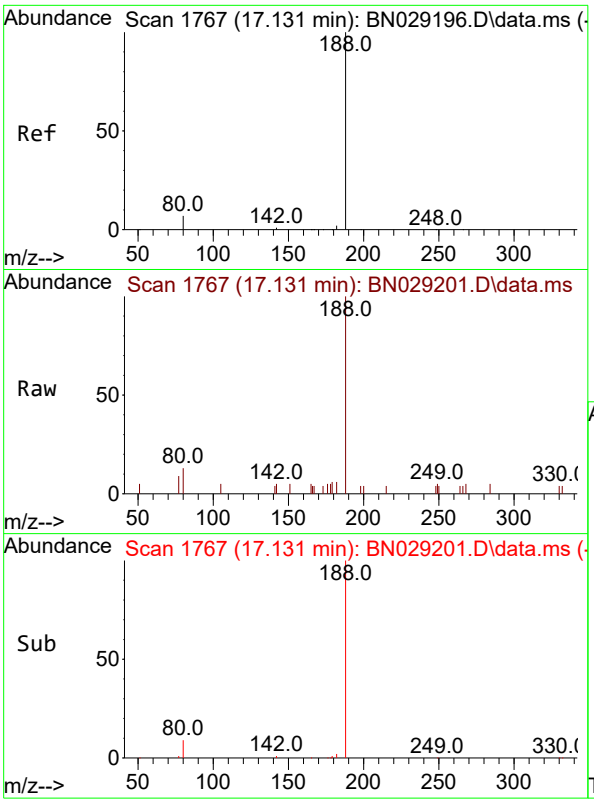


#18
Fluorene
Concen: 0.352 ng
RT: 15.430 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:166 Resp: 2318

Ion	Ratio	Lower	Upper
166	100		
165	101.3	82.8	124.2
167	12.7	11.4	17.2



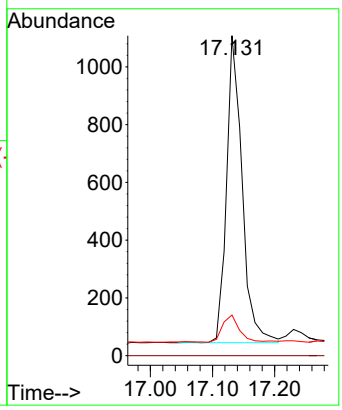


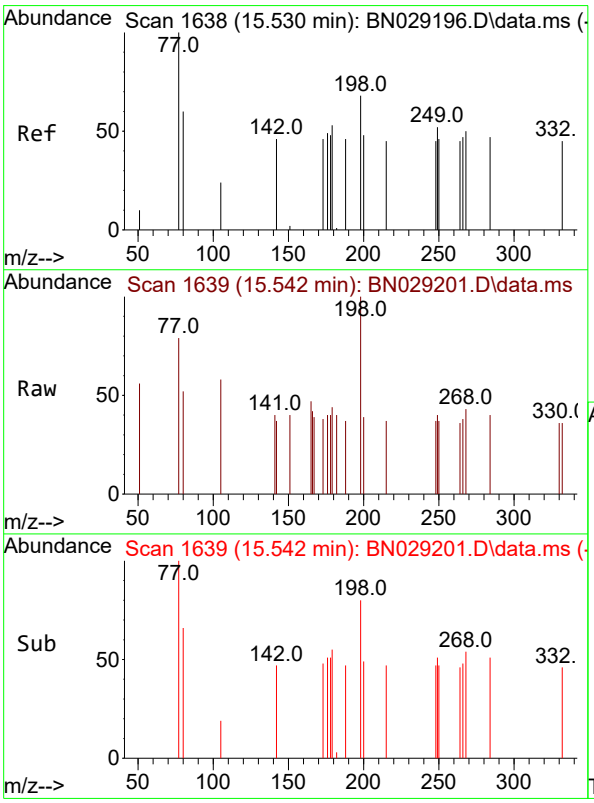
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:188 Resp: 1849

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	8.8	13.2

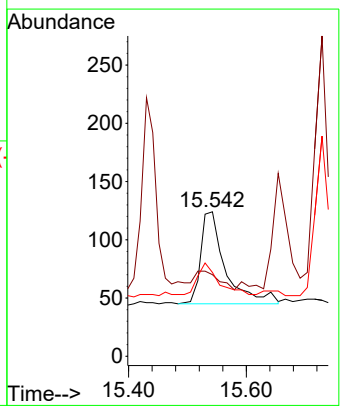


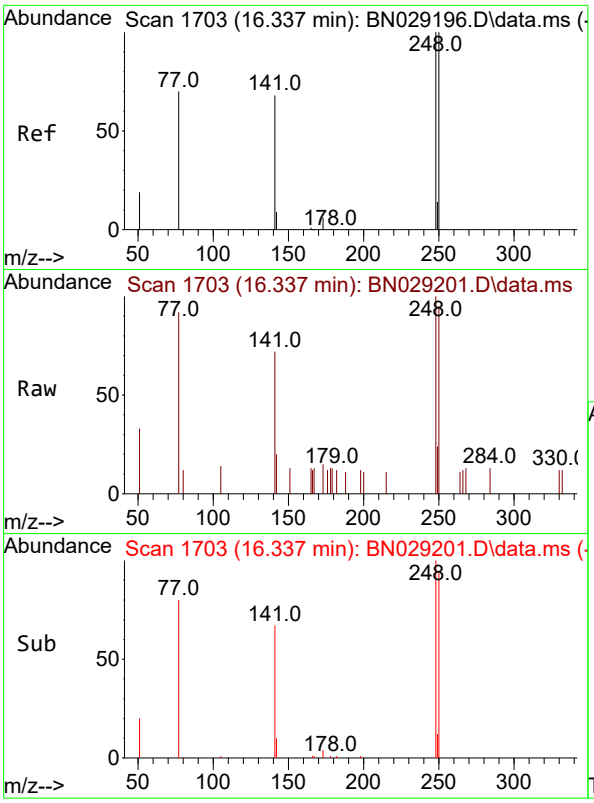


#20
4,6-Dinitro-2-methylphenol
Concen: 0.351 ng
RT: 15.542 min Scan# 1639
Delta R.T. 0.012 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:198 Resp: 226

Ion	Ratio	Lower	Upper
198	100		
51	56.5	47.4	71.2
105	58.1	54.5	81.7



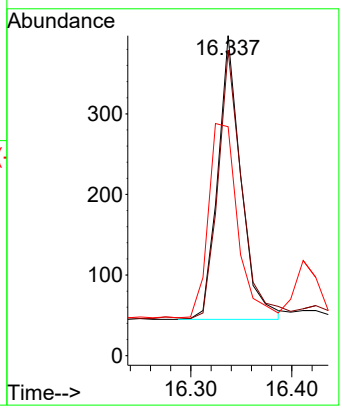


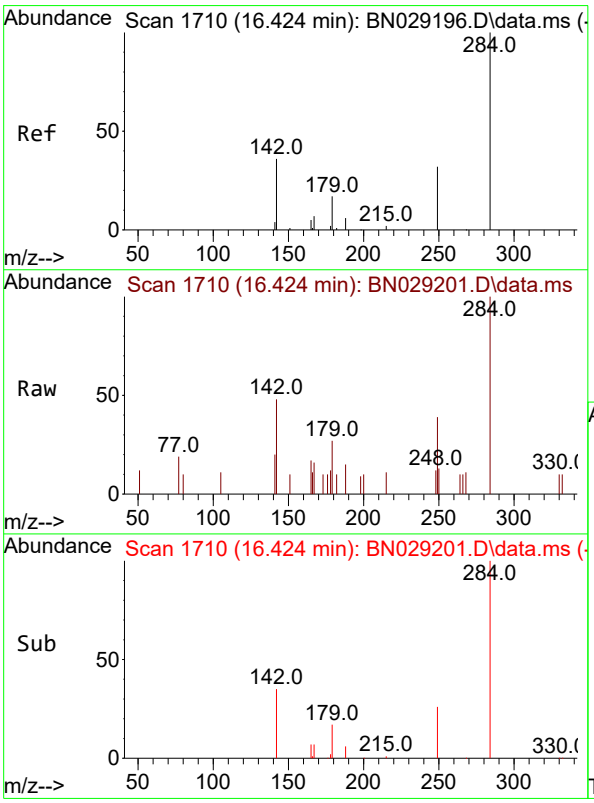
#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.337 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:248 Resp: 563

Ion	Ratio	Lower	Upper
248	100		
250	95.5	80.8	121.2
141	71.5	58.6	87.8

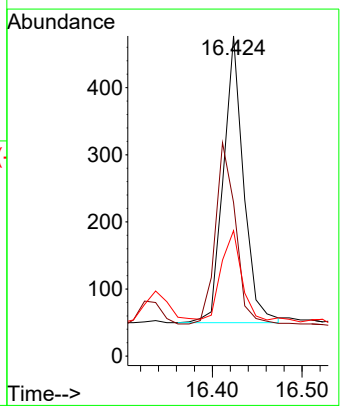


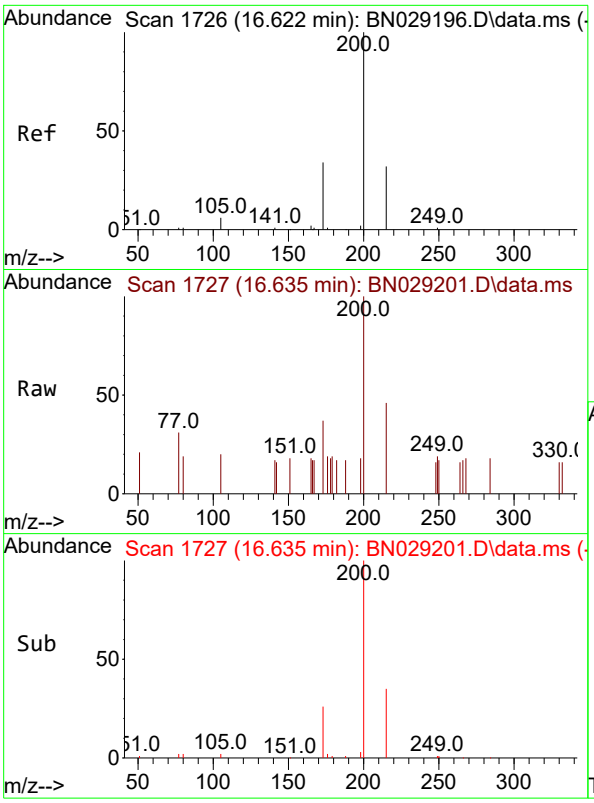


#22
Hexachlorobenzene
Concen: 0.355 ng
RT: 16.424 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:284 Resp: 665

Ion	Ratio	Lower	Upper
284	100		
142	63.3	49.9	74.9
249	30.8	26.3	39.5



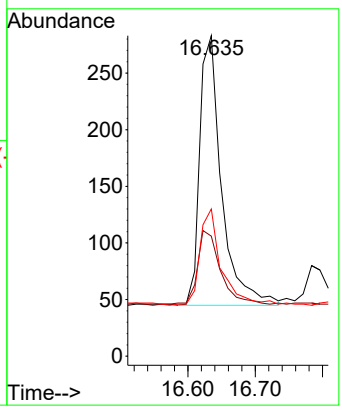


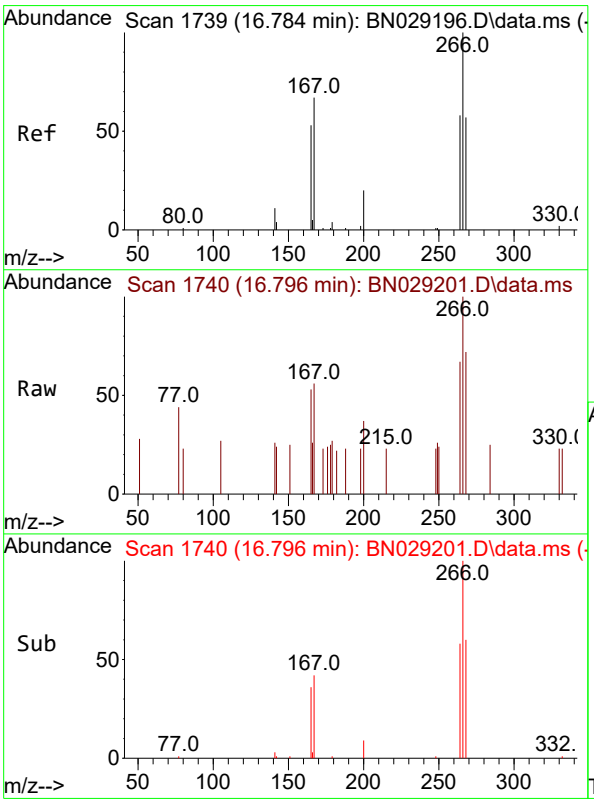
#23
Atrazine
Concen: 0.347 ng
RT: 16.635 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:200 Resp: 538

Ion	Ratio	Lower	Upper
200	100		
173	37.5	36.6	54.8
215	45.9	35.3	52.9

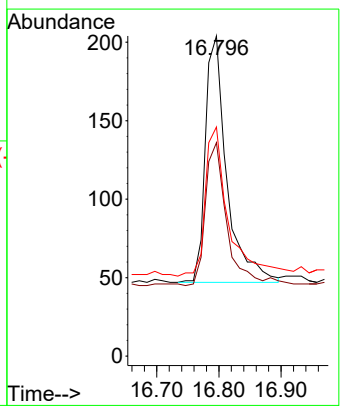


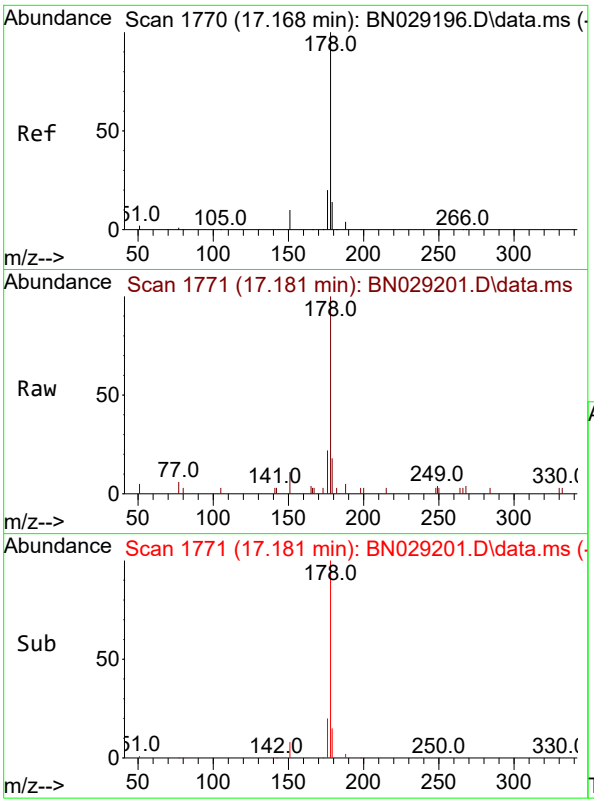


#24
Pentachlorophenol
Concen: 0.309 ng
RT: 16.796 min Scan# 1740
Delta R.T. 0.012 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:266 Resp: 376

Ion	Ratio	Lower	Upper
266	100		
264	58.8	44.4	66.6
268	65.4	49.4	74.2



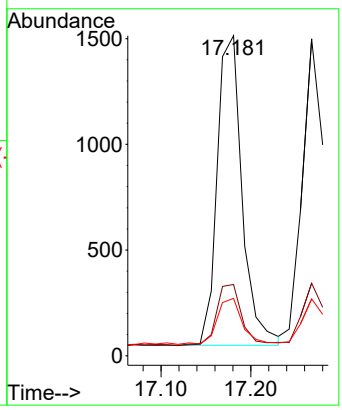


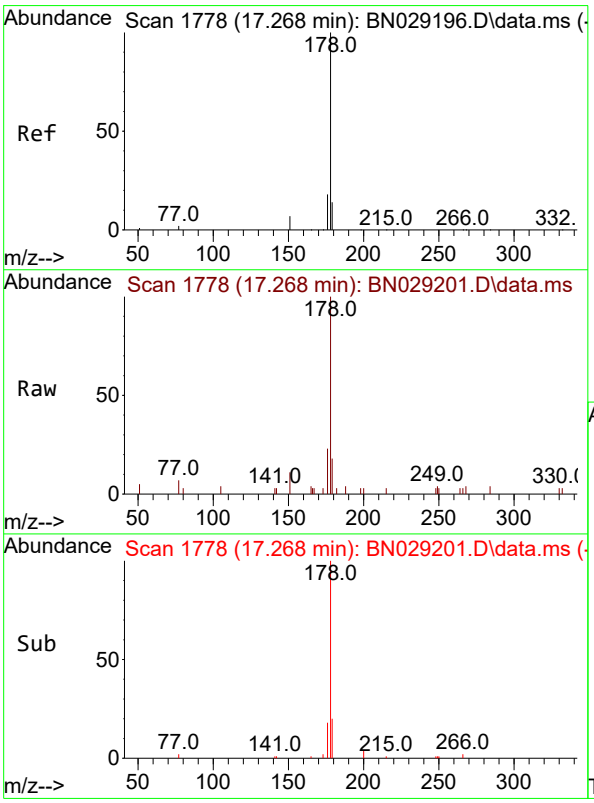
#25
Phenanthrene
Concen: 0.346 ng
RT: 17.181 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:178 Resp: 2833

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.7	25.1
179	15.1	12.8	19.2

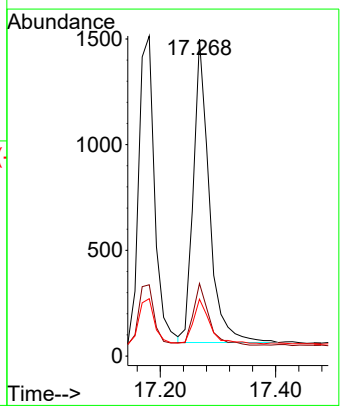


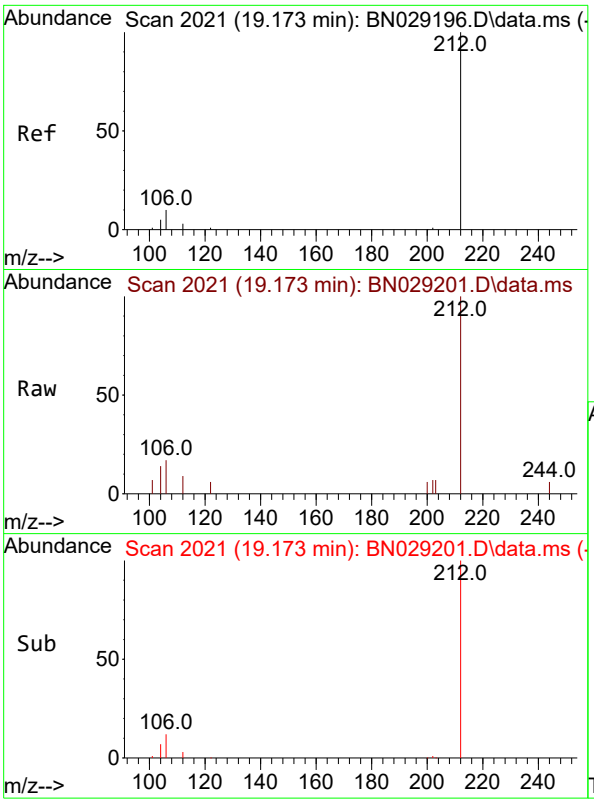


#26
Anthracene
Concen: 0.345 ng
RT: 17.268 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:178 Resp: 2754

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	15.0	11.5	17.3



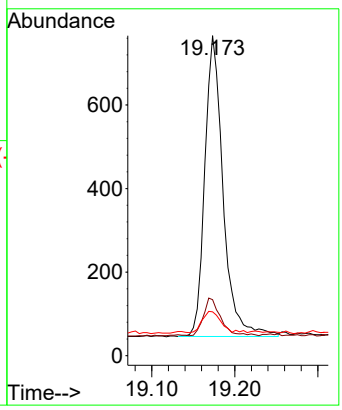


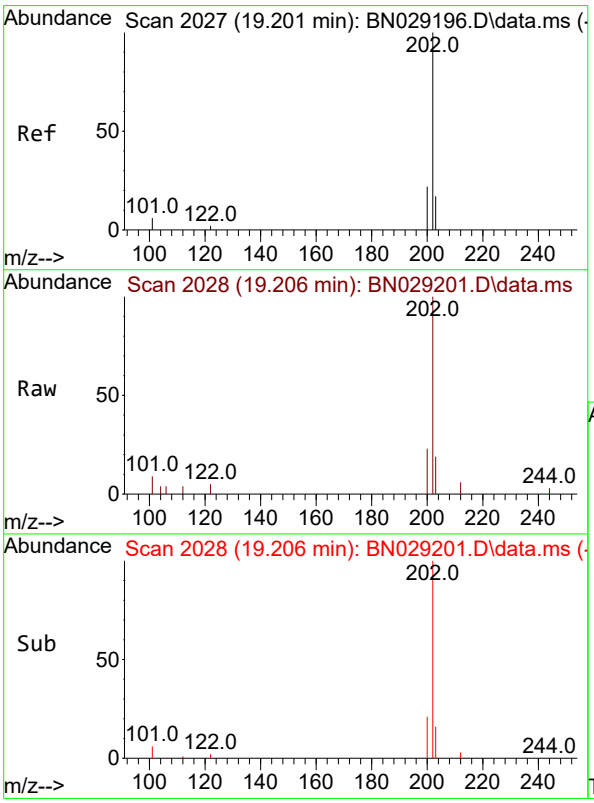
#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.173 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:212 Resp: 1106

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.7	14.5
104	7.4	6.3	9.5

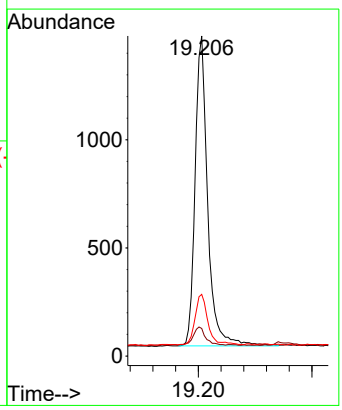


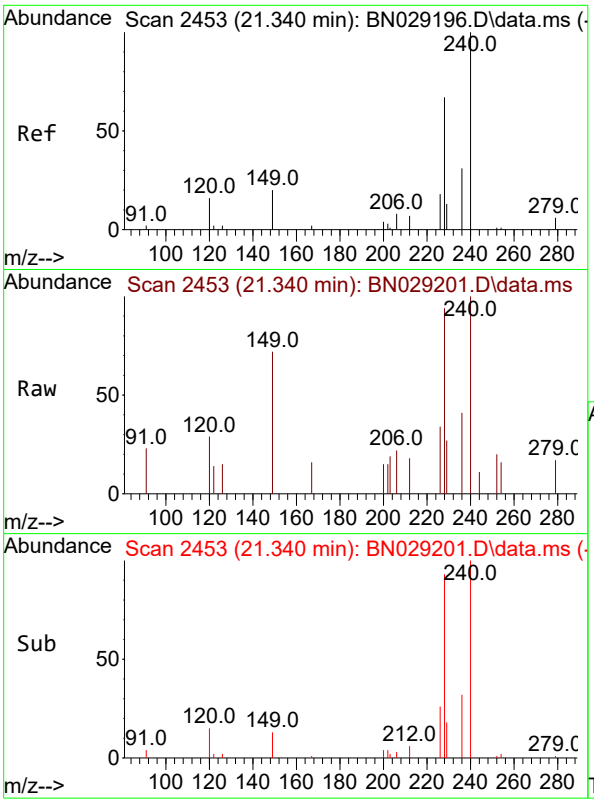


#28
Fluoranthene
Concen: 0.300 ng
RT: 19.206 min Scan# 2028
Delta R.T. 0.005 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:202 Resp: 2200

Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.8	8.6
203	16.8	13.6	20.4



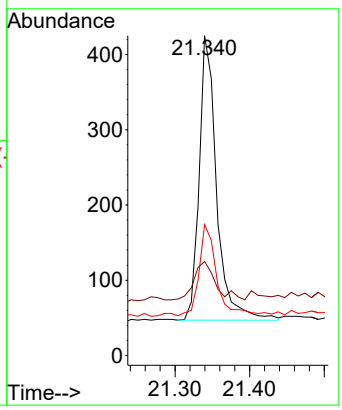


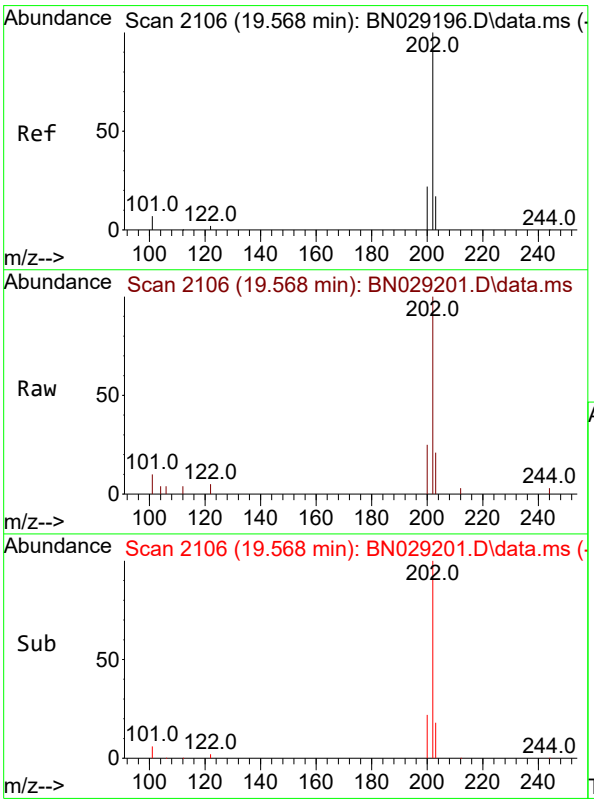
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:240 Resp: 613

Ion	Ratio	Lower	Upper
240	100		
120	29.4	24.6	36.8
236	40.9	32.0	48.0

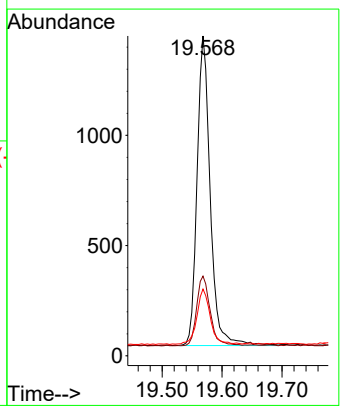


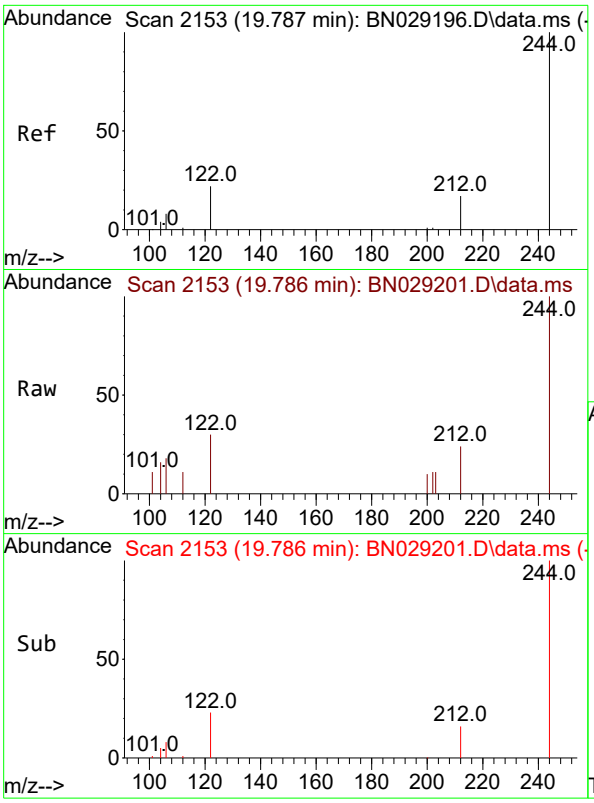


#30
Pyrene
Concen: 0.346 ng
RT: 19.568 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:202 Resp: 2138

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.4
203	17.9	14.8	22.2



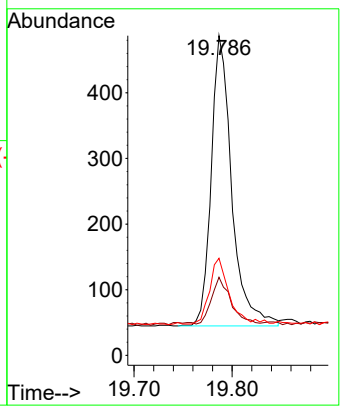


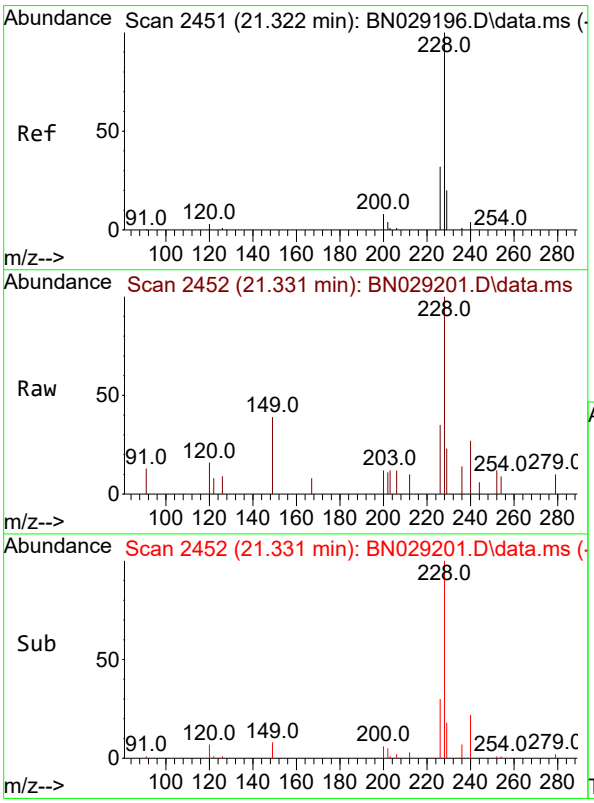
#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:244 Resp: 644

Ion	Ratio	Lower	Upper
244	100		
212	24.4	20.1	30.1
122	30.4	23.9	35.9

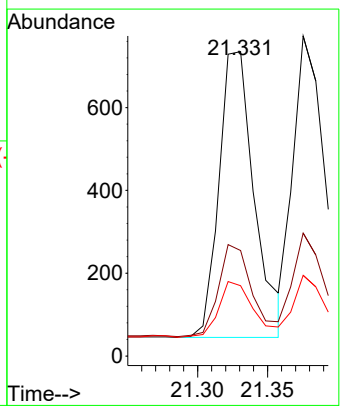


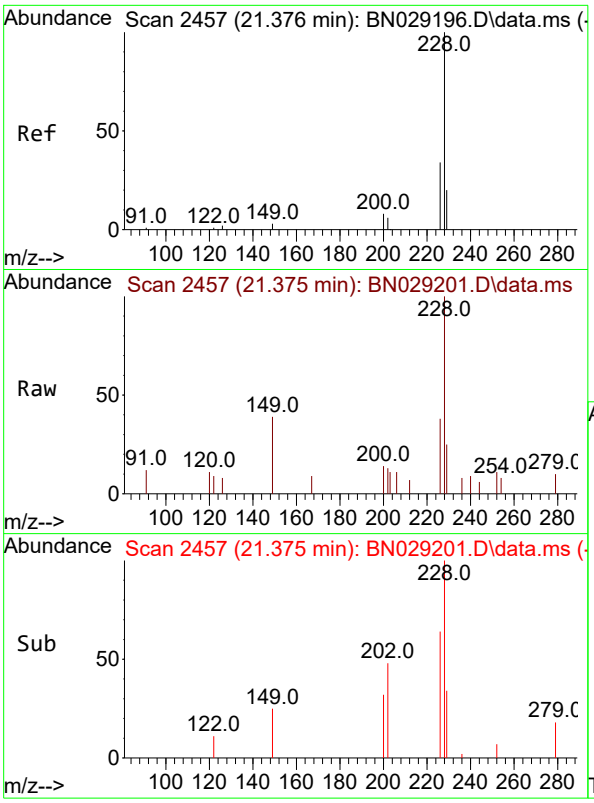


#32
Benzo(a)anthracene
Concen: 0.343 ng
RT: 21.331 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:228 Resp: 1214

Ion	Ratio	Lower	Upper
228	100		
226	34.7	29.0	43.4
229	23.1	20.1	30.1



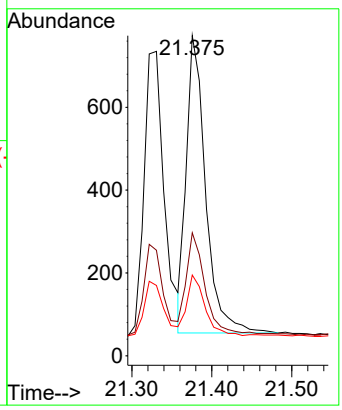


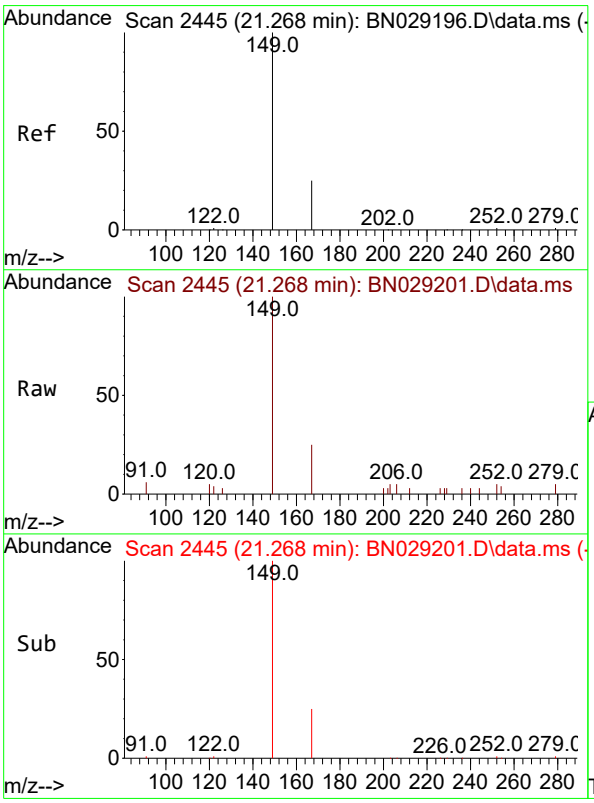
#33
Chrysene
Concen: 0.341 ng
RT: 21.375 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:228 Resp: 1208

Ion	Ratio	Lower	Upper
228	100		
226	38.4	30.4	45.6
229	25.2	19.8	29.6

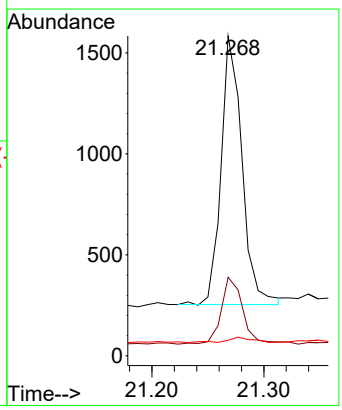


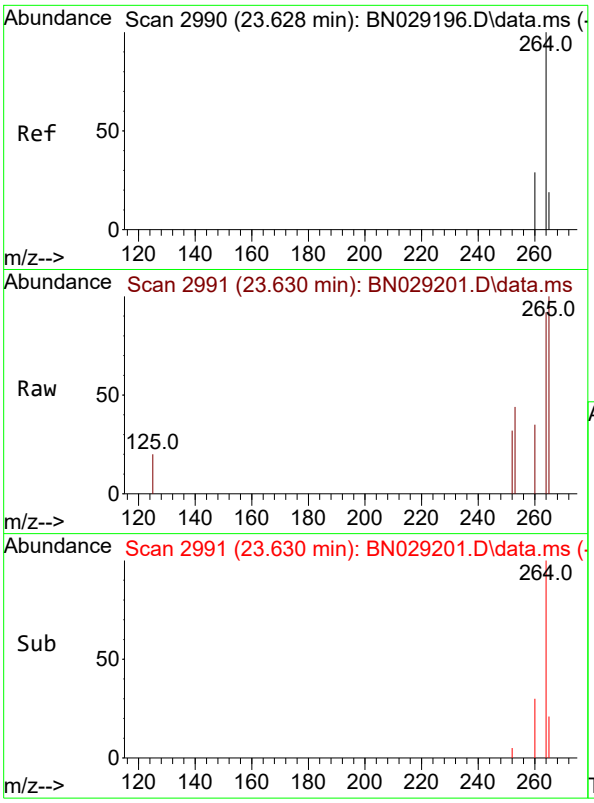


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.268 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:149 Resp: 1731

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.7	31.1
279	2.4	2.4	3.6



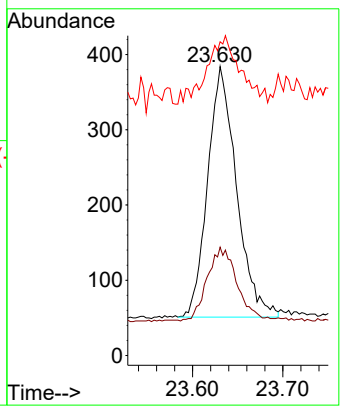


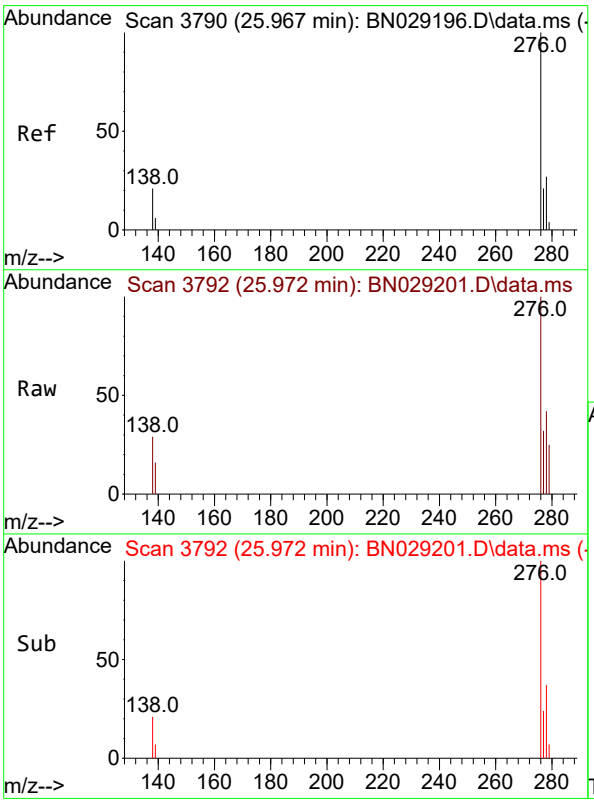
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:264 Resp: 741

Ion	Ratio	Lower	Upper
264	100		
260	37.5	30.2	45.4
265	108.6	88.1	132.1

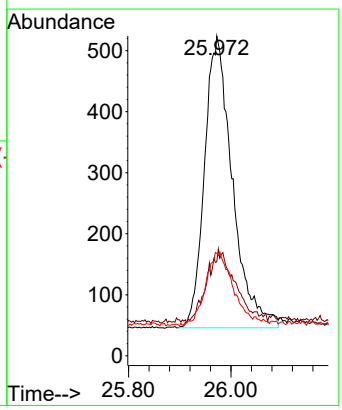


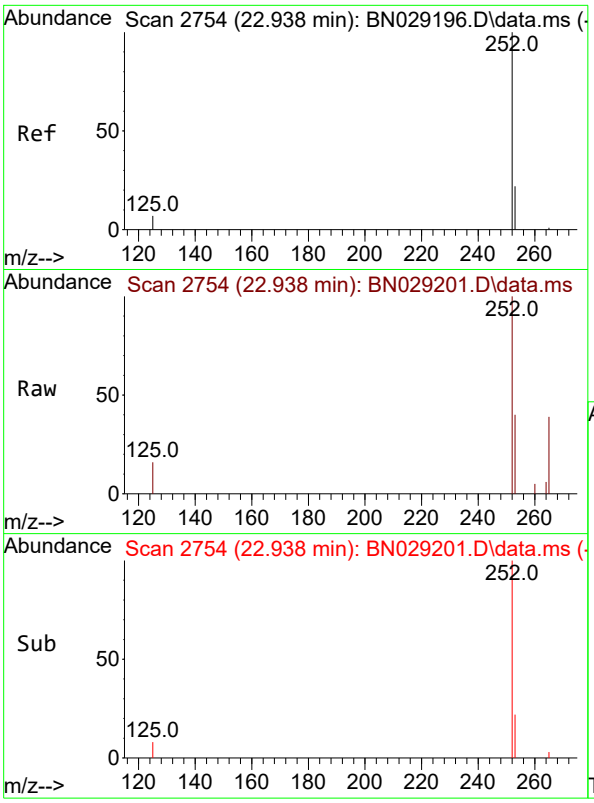


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 25.972 min Scan# 3792
Delta R.T. 0.006 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:276 Resp: 1806

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.4	27.6#
277	24.4	17.2	25.8



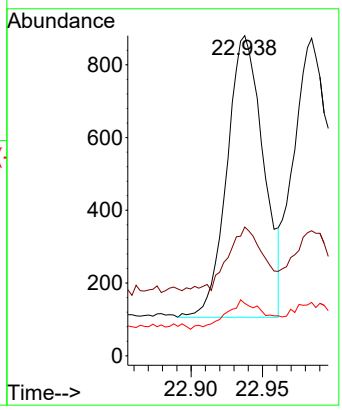


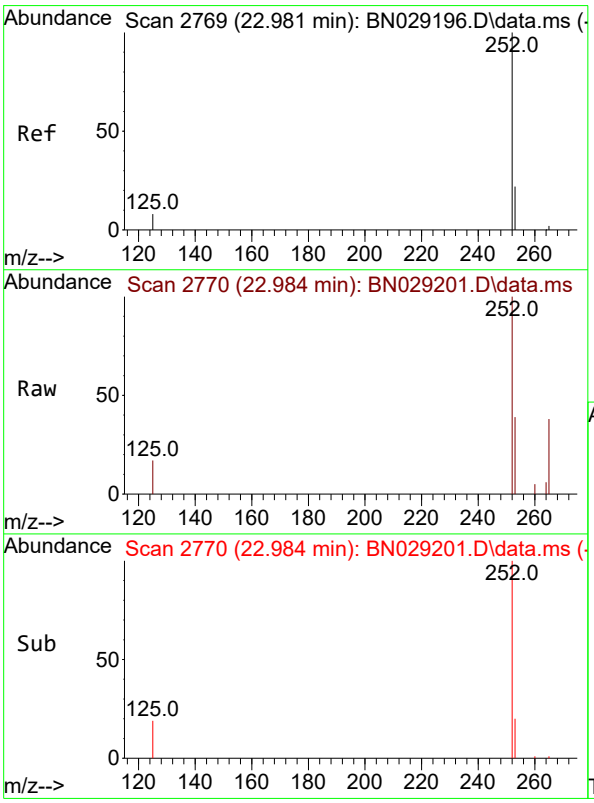
#37
Benzo(b)fluoranthene
Concen: 0.343 ng
RT: 22.938 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:252 Resp: 1374

Ion	Ratio	Lower	Upper
252	100		
253	40.2	34.3	51.5
125	16.4	13.4	20.0

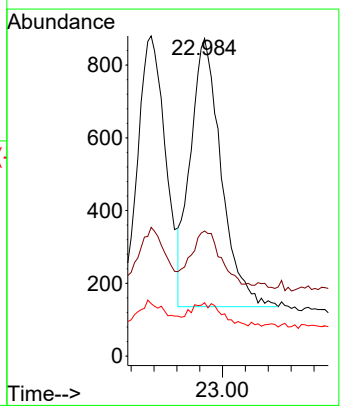


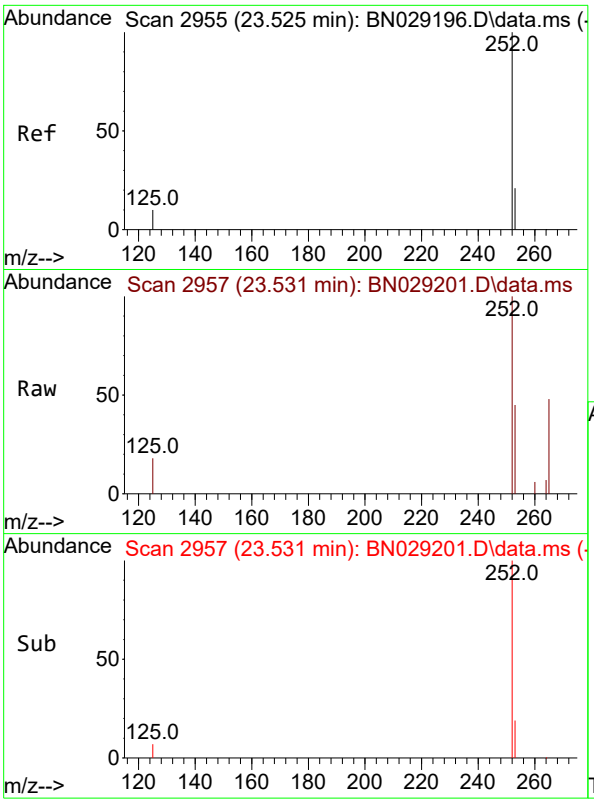


#38
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 22.984 min Scan# 2770
Delta R.T. 0.003 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:252 Resp: 1384

Ion	Ratio	Lower	Upper
252	100		
253	39.4	33.4	50.0
125	16.8	13.9	20.9



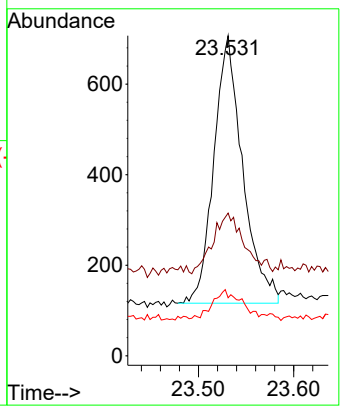


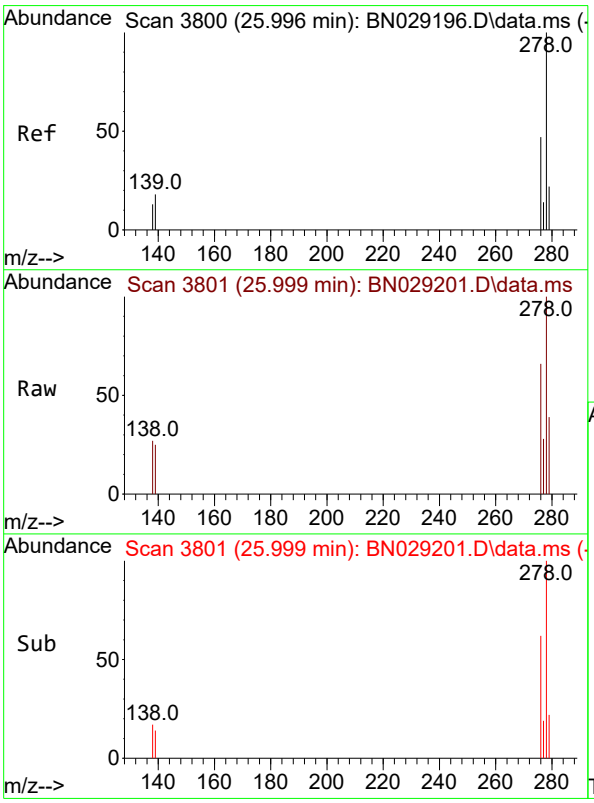
#39
Benzo(a)pyrene
Concen: 0.342 ng
RT: 23.531 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:252 Resp: 1242

Ion	Ratio	Lower	Upper
252	100		
253	44.6	38.9	58.3
125	18.1	18.3	27.5#

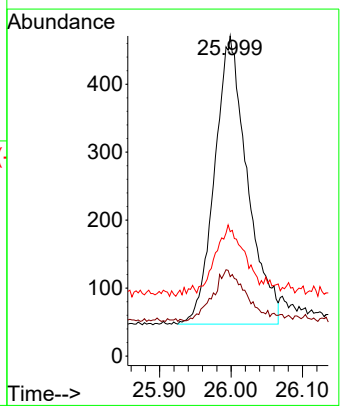


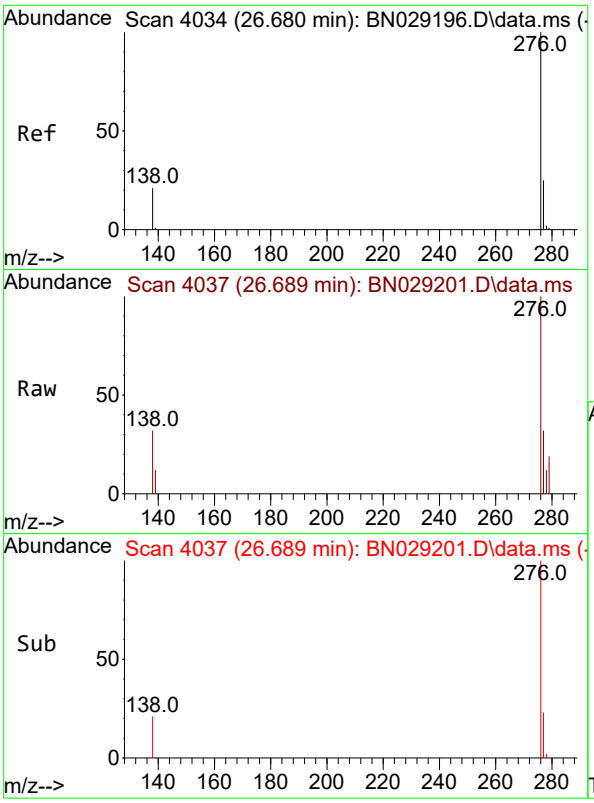


#40
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 25.999 min Scan# 3801
Delta R.T. 0.003 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Tgt Ion:278 Resp: 1345

Ion	Ratio	Lower	Upper
278	100		
139	24.8	22.9	34.3
279	38.9	32.3	48.5





#41
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 26.689 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN029201.D
Acq: 27 Dec 2023 15:46

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Tgt Ion:276 Resp: 1580

Ion	Ratio	Lower	Upper
276	100		
277	32.0	26.4	39.6
138	32.2	26.0	39.0