Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029196.D
Acq On : 27 Dec 2023 11:35
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 28 00:59:01 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 00:57:46 2023
Response via : Initial Calibration

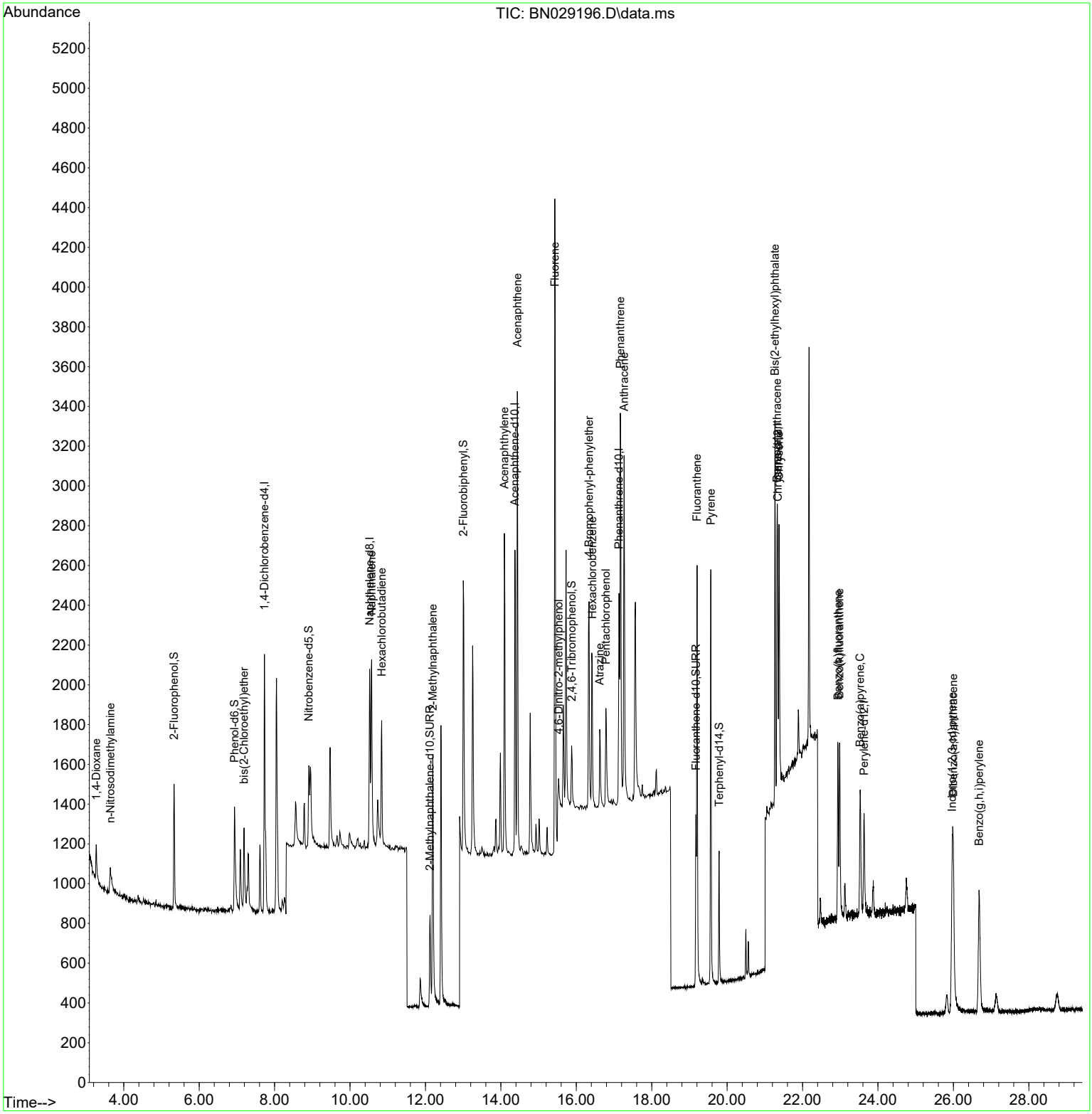
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	667	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1464	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	901	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1641	0.400	ng		0.00
29) Chrysene-d12	21.340	240	634	0.400	ng		0.00
35) Perylene-d12	23.628	264	711	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	550	0.355	ng		0.00
5) Phenol-d6	6.937	99	572	0.328	ng		0.00
8) Nitrobenzene-d5	8.907	82	573	0.319	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	840	0.332	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	214	0.308	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1519	0.311	ng		0.00
27) Fluoranthene-d10	19.173	212	1093	0.327	ng		0.00
31) Terphenyl-d14	19.787	244	625	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	210	0.349	ng	#	86
3) n-Nitrosodimethylamine	3.644	42	190	0.462	ng		82
6) bis(2-Chloroethyl)ether	7.190	93	380	0.319	ng		100
9) Naphthalene	10.573	128	1449	0.326	ng		100
10) Hexachlorobutadiene	10.840	225	420	0.331	ng	#	100
12) 2-Methylnaphthalene	12.193	142	1073	0.327	ng		100
16) Acenaphthylene	14.094	152	1890	0.320	ng		100
17) Acenaphthene	14.436	154	1176	0.321	ng		100
18) Fluorene	15.430	166	1702	0.322	ng		100
20) 4,6-Dinitro-2-methylph...	15.530	198	173	0.258	ng		100
21) 4-Bromophenyl-phenylether	16.337	248	445	0.308	ng		100
22) Hexachlorobenzene	16.424	284	526	0.316	ng		100
23) Atrazine	16.622	200	443	0.322	ng		100
24) Pentachlorophenol	16.784	266	330	0.305	ng		100
25) Phenanthrene	17.168	178	2346	0.323	ng		100
26) Anthracene	17.268	178	2307	0.325	ng		100
28) Fluoranthene	19.201	202	2129	0.327	ng		100
30) Pyrene	19.568	202	2147	0.336	ng		100
32) Benzo(a)anthracene	21.322	228	1203	0.328	ng		100
33) Chrysene	21.376	228	1189	0.329	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	1894	0.365	ng		99
36) Indeno(1,2,3-cd)pyrene	25.967	276	1575	0.322	ng		94
37) Benzo(b)fluoranthene	22.938	252	1247	0.324	ng		100
38) Benzo(k)fluoranthene	22.981	252	1178	0.316	ng		100
39) Benzo(a)pyrene	23.525	252	1104	0.316	ng		100
40) Dibenzo(a,h)anthracene	25.996	278	1208	0.321	ng		100
41) Benzo(g,h,i)perylene	26.680	276	1374	0.330	ng		100

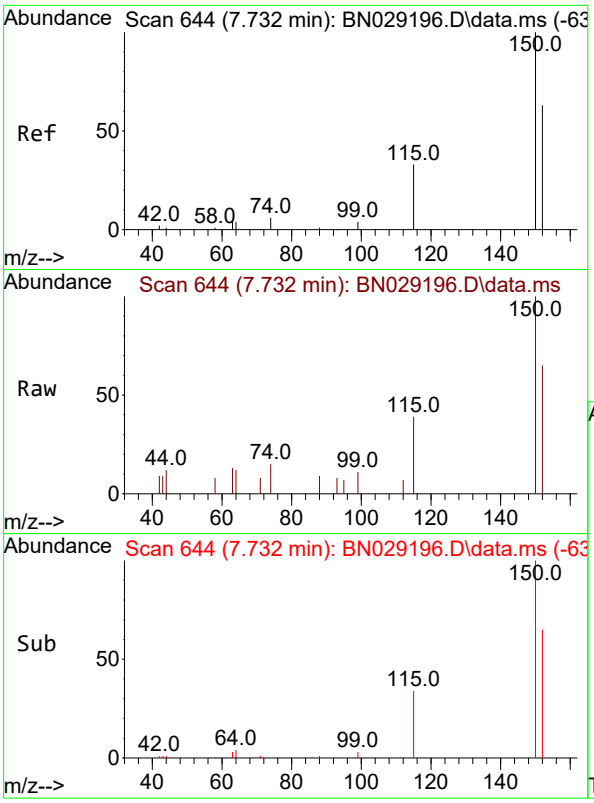
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029196.D
Acq On : 27 Dec 2023 11:35
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 28 00:59:01 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 00:57:46 2023
Response via : Initial Calibration



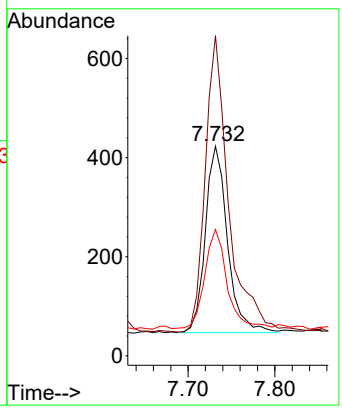


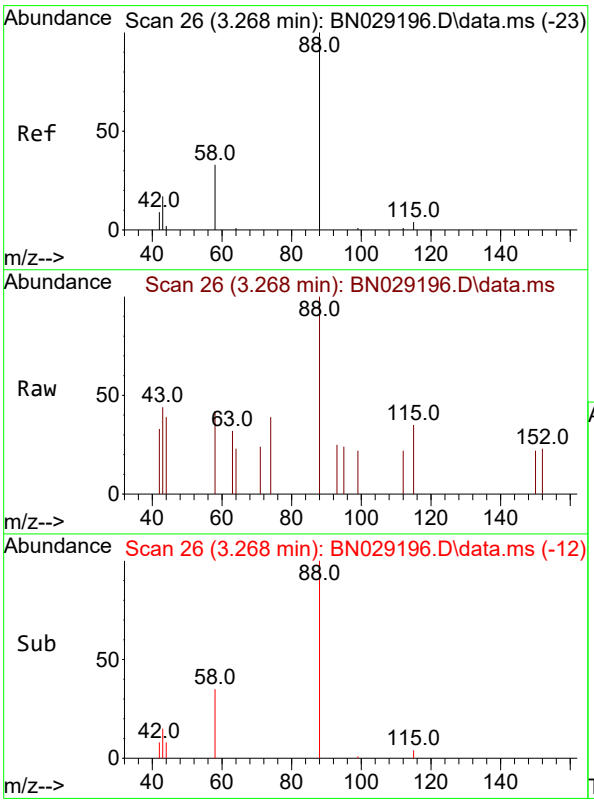
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 667

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.2	183.2
115	60.3	48.2	72.4

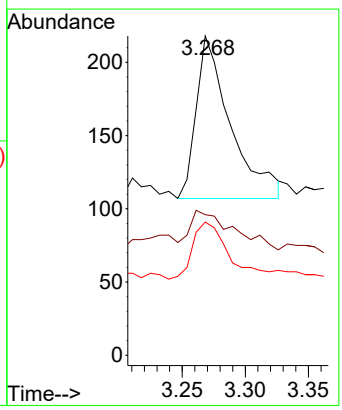


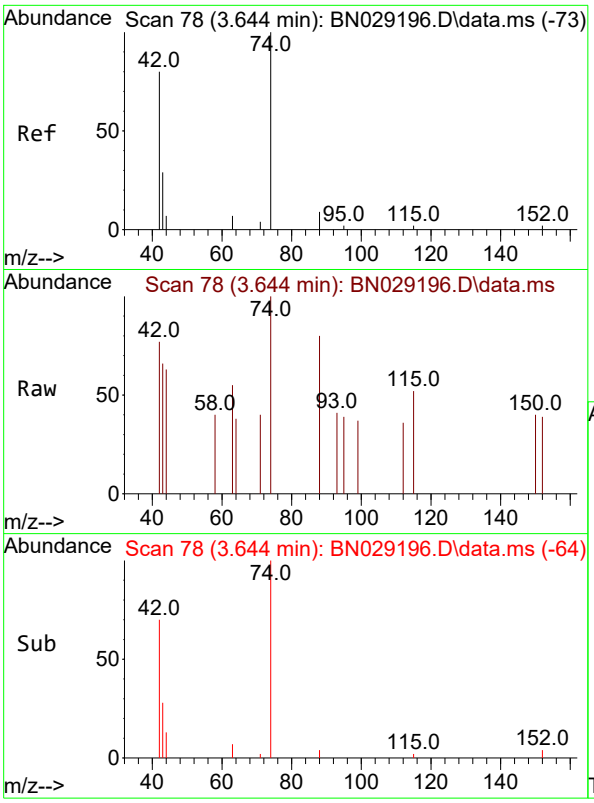


#2
1,4-Dioxane
Concen: 0.349 ng
RT: 3.268 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion: 88 Resp: 210

Ion	Ratio	Lower	Upper
88	100		
43	30.0	19.0	28.4#
58	36.7	23.1	34.7#



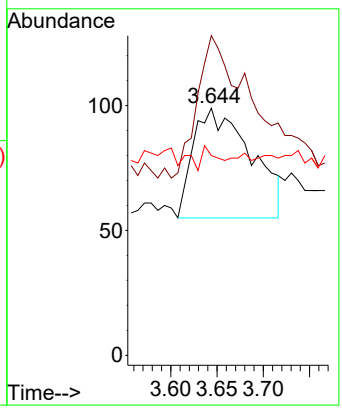


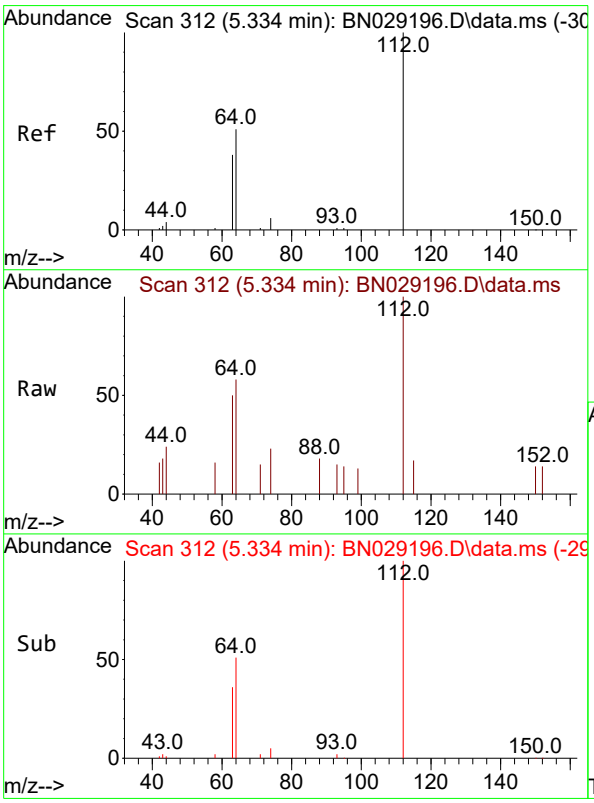
#3
n-Nitrosodimethylamine
Concen: 0.462 ng
RT: 3.644 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 190

Ion	Ratio	Lower	Upper
42	100		
74	111.1	106.8	160.2
44	5.8	5.6	8.4

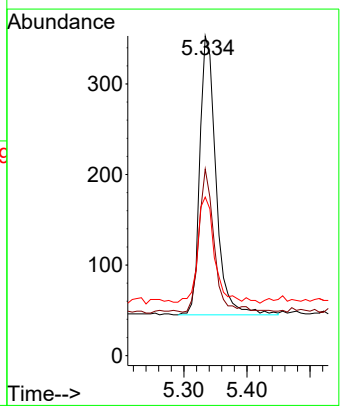


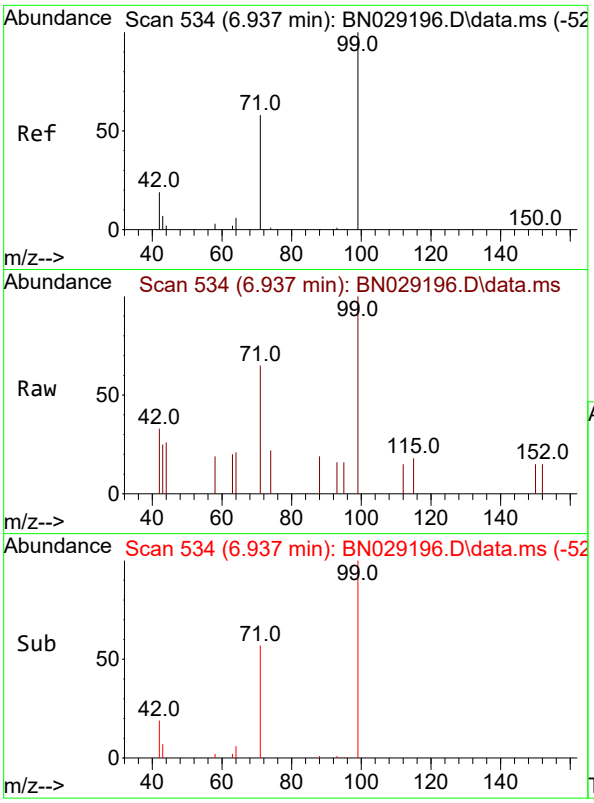


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.334 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:112 Resp: 550

Ion	Ratio	Lower	Upper
112	100		
64	48.5	38.8	58.2
63	38.2	30.6	45.8



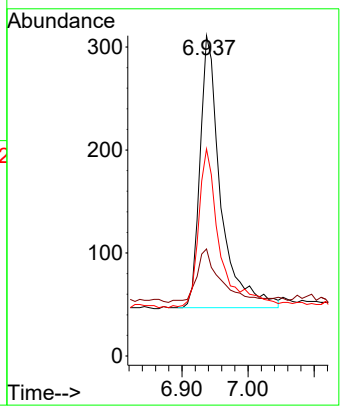


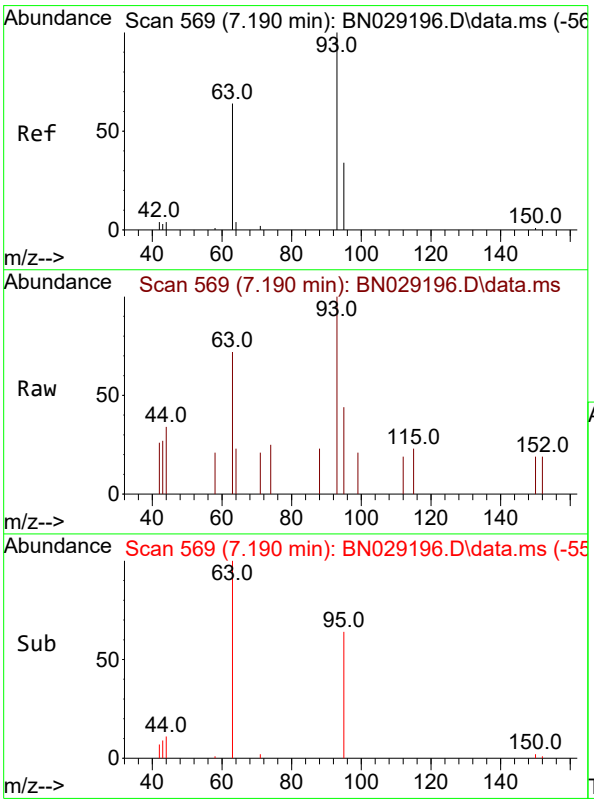
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 572

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.3	27.5
71	60.8	48.6	73.0

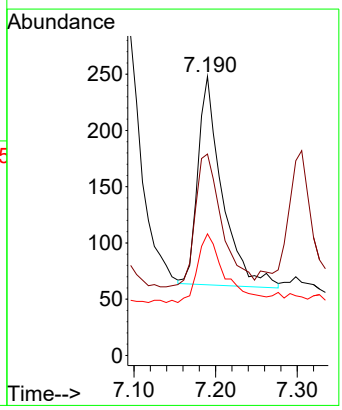


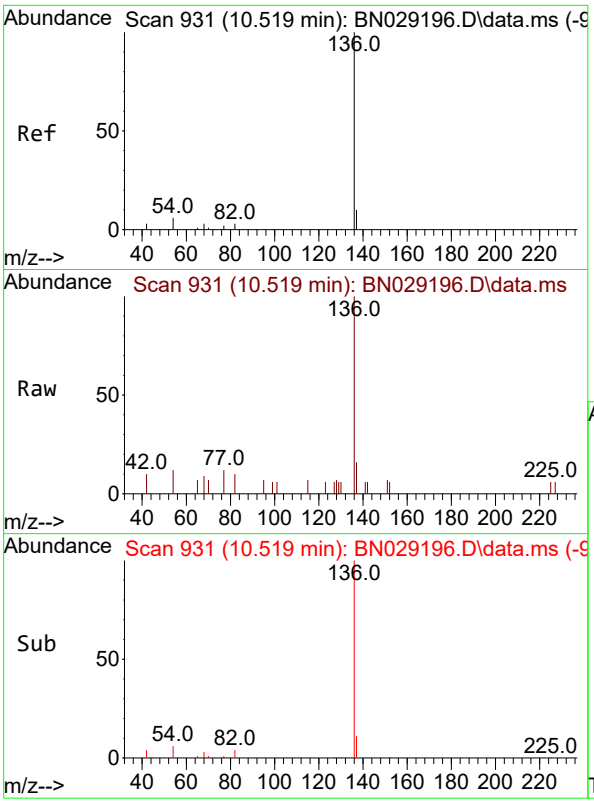


#6
bis(2-Chloroethyl)ether
Concen: 0.319 ng
RT: 7.190 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion: 93 Resp: 380

Ion	Ratio	Lower	Upper
93	100		
63	70.8	56.6	85.0
95	37.4	29.9	44.9



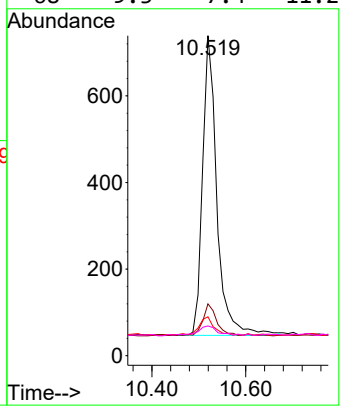


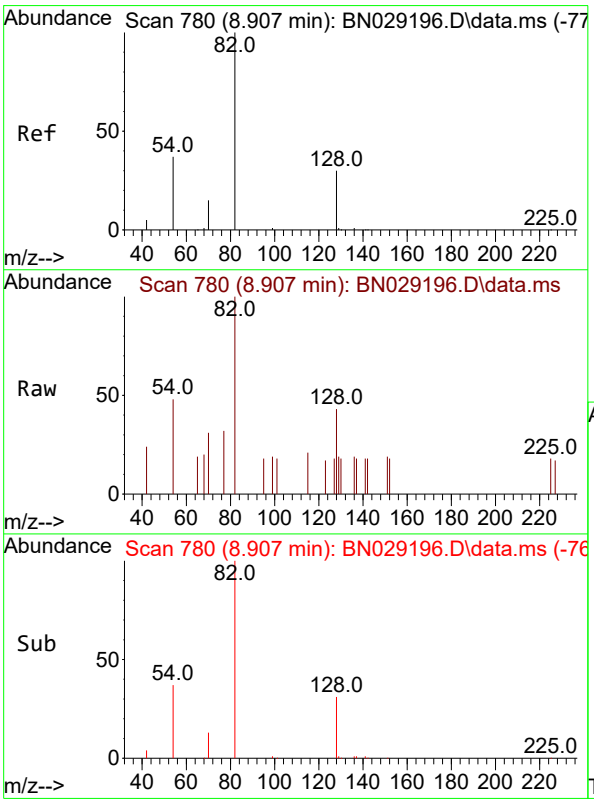
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 1464

Ion	Ratio	Lower	Upper
136	100		
137	16.2	13.0	19.4
54	12.2	9.8	14.6
68	9.3	7.4	11.2

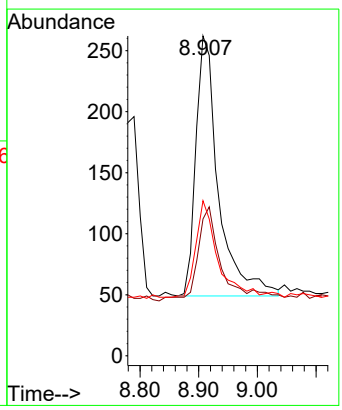


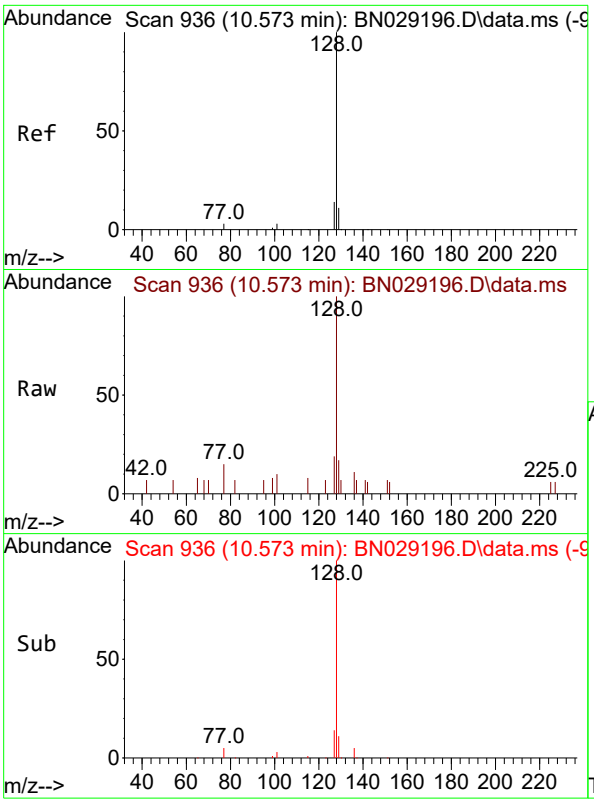


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion: 82 Resp: 573

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	48.5	38.8	58.2



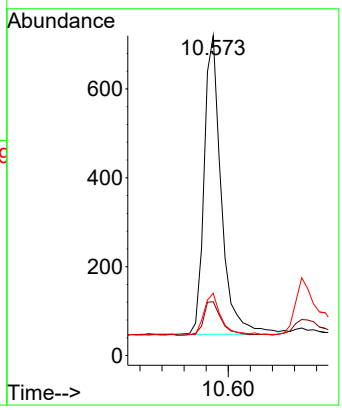


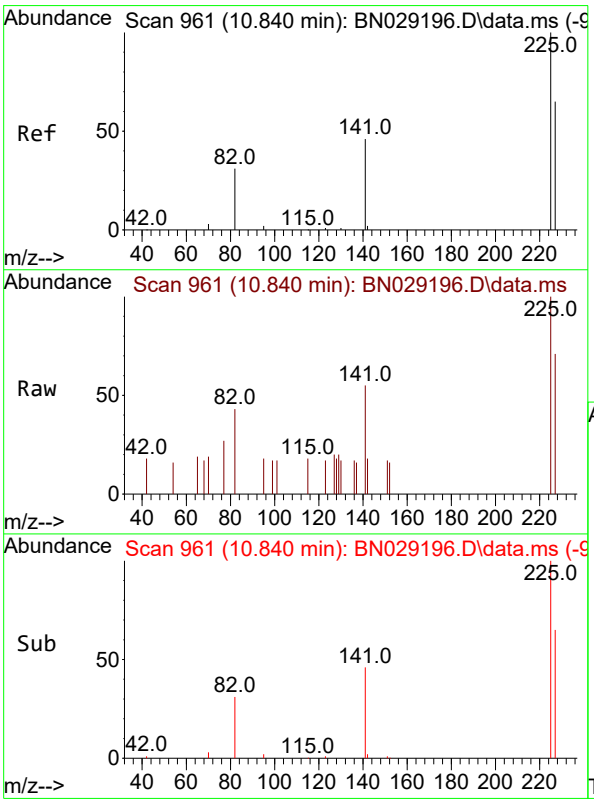
#9
Naphthalene
Concen: 0.326 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 1449

Ion	Ratio	Lower	Upper
128	100		
129	16.8	13.4	20.2
127	19.4	15.5	23.3

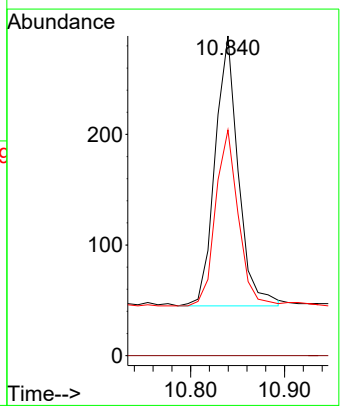


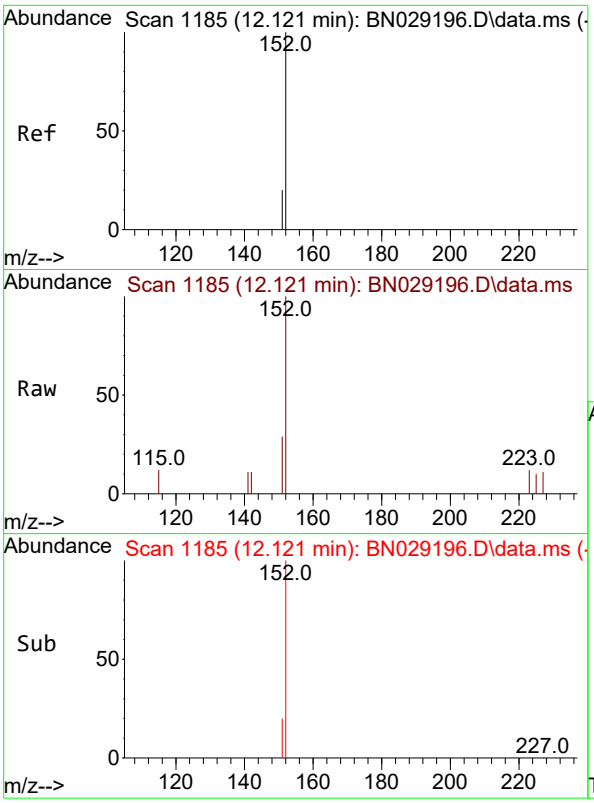


#10
Hexachlorobutadiene
Concen: 0.331 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:225 Resp: 420

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



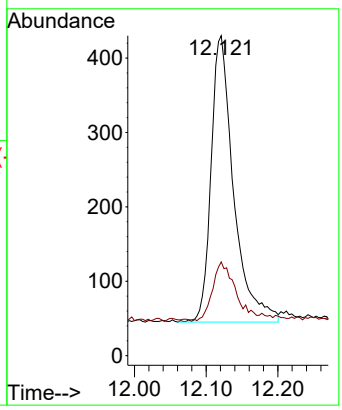


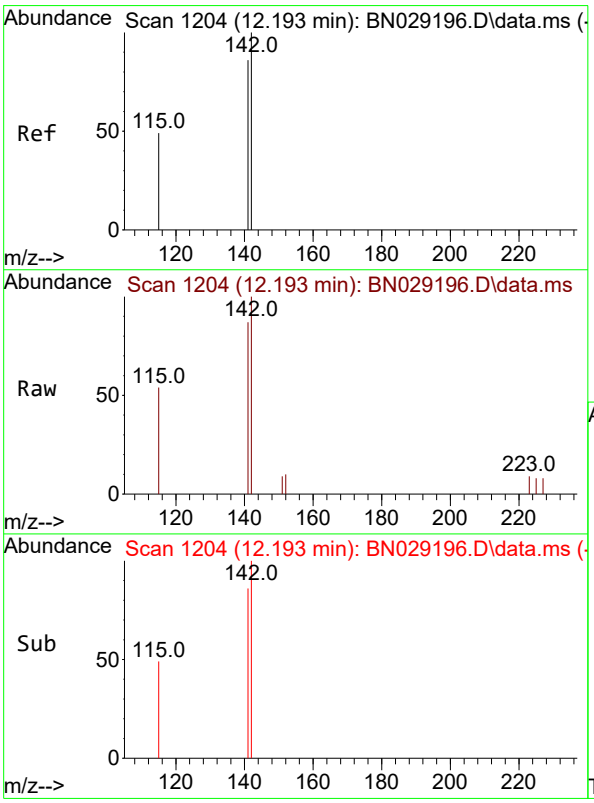
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.121 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 840

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8

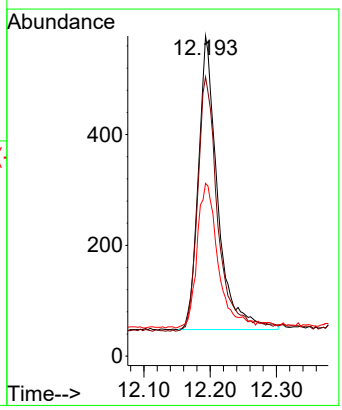


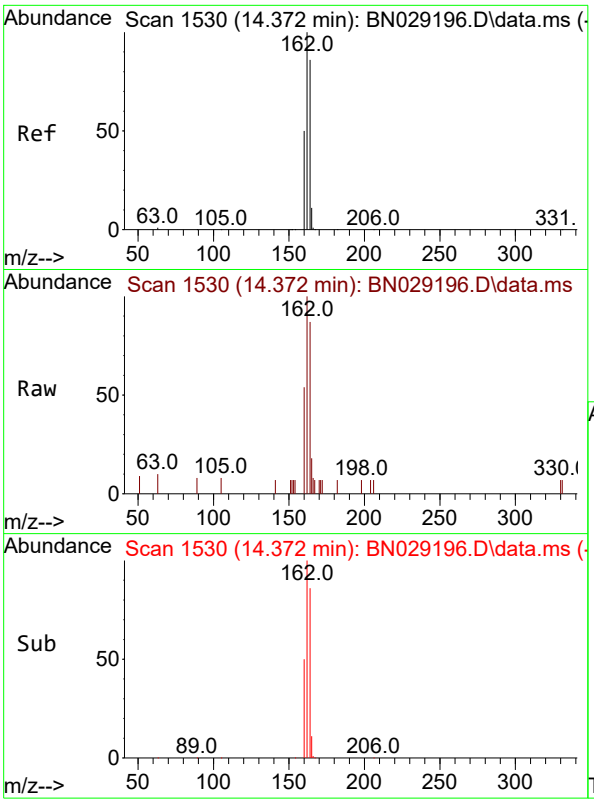


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.193 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:142 Resp: 1073

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6
115	54.0	43.2	64.8





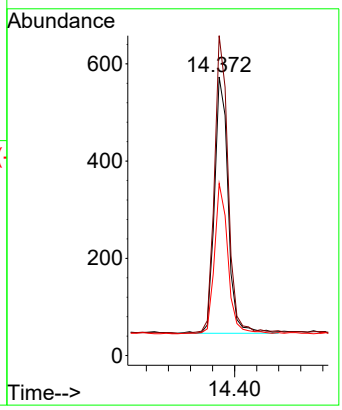
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1

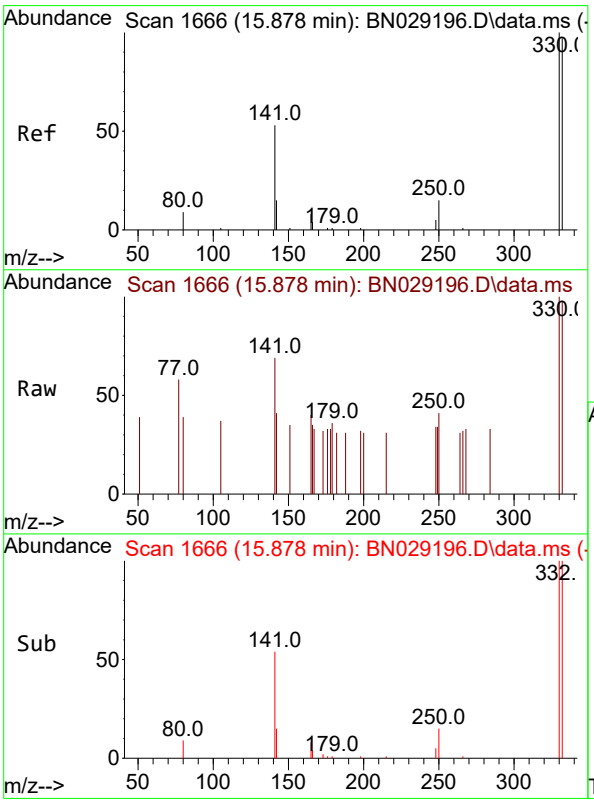
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:164 Resp: 901

Ion	Ratio	Lower	Upper
164	100		
162	114.8	91.8	137.8
160	61.8	49.4	74.2

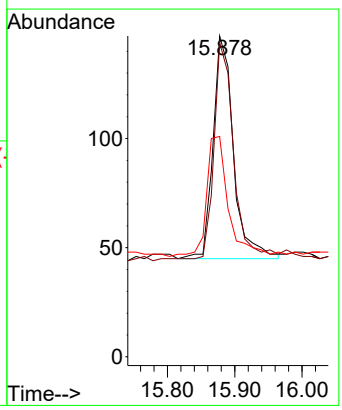


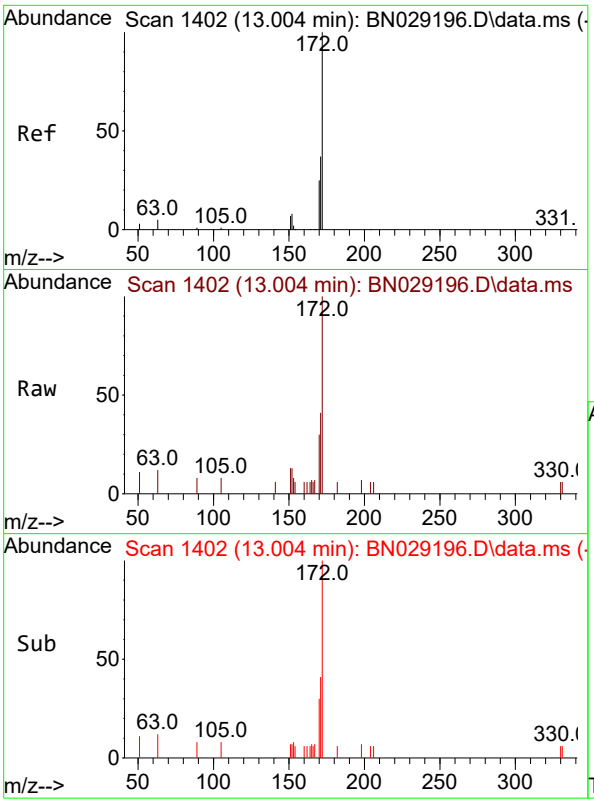


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.878 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:330 Resp: 214

Ion	Ratio	Lower	Upper
330	100		
332	93.0	74.4	111.6
141	58.4	46.7	70.1



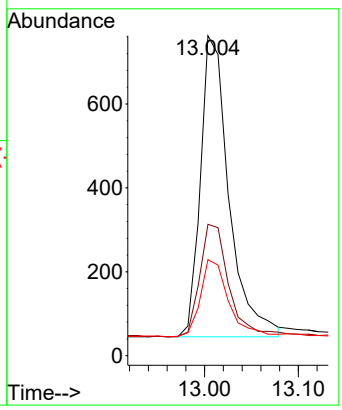


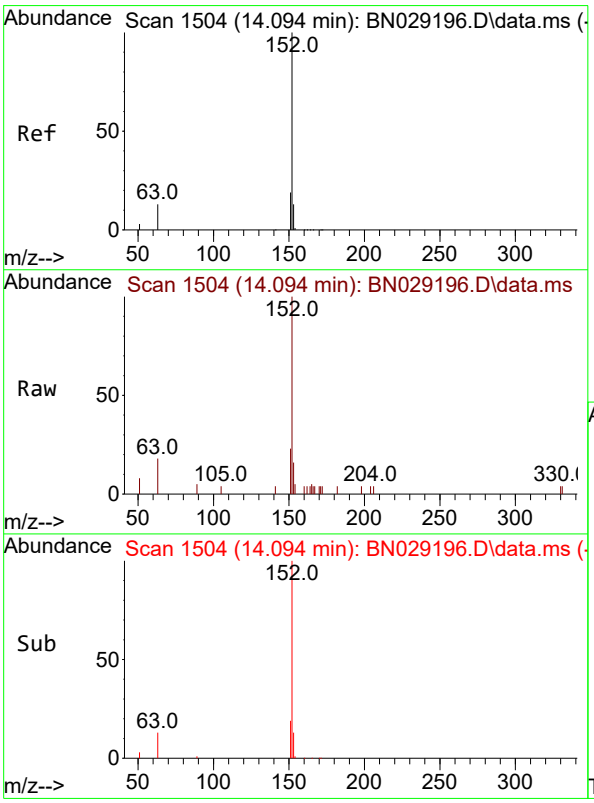
#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.004 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 1519

Ion	Ratio	Lower	Upper
172	100		
171	41.0	32.8	49.2
170	30.0	24.0	36.0

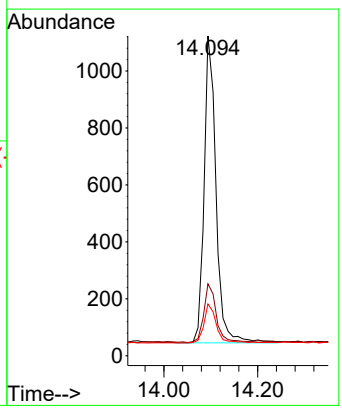


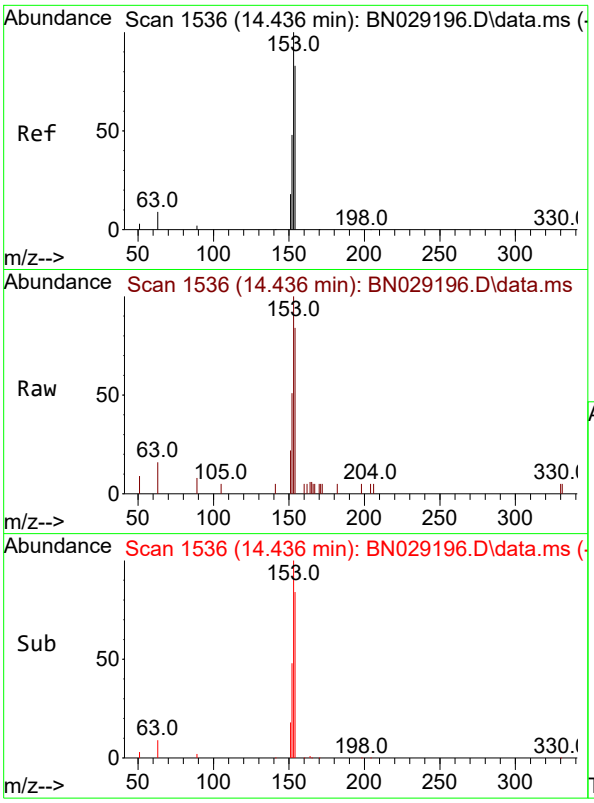


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.094 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:152 Resp: 1890

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2



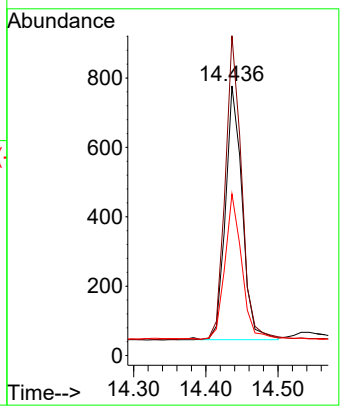


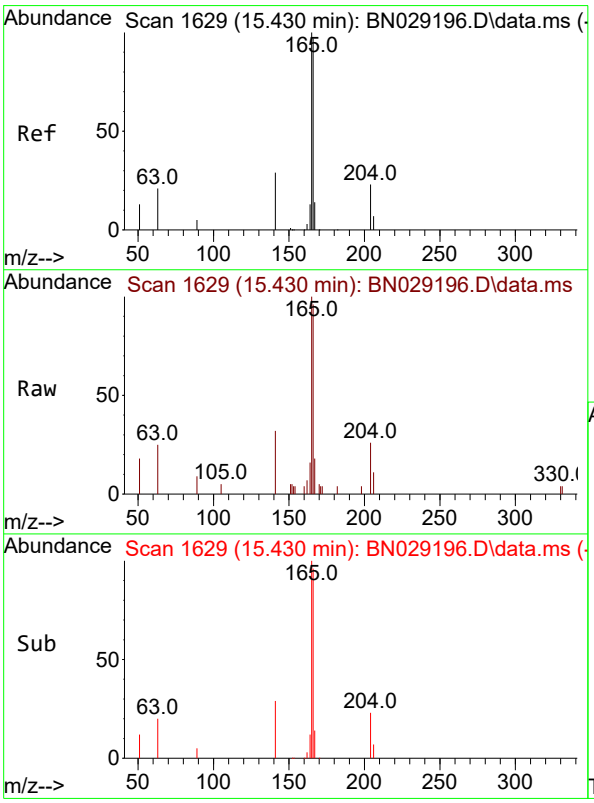
#17
Acenaphthene
Concen: 0.321 ng
RT: 14.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 1176

Ion	Ratio	Lower	Upper
154	100		
153	118.2	94.6	141.8
152	58.0	46.4	69.6

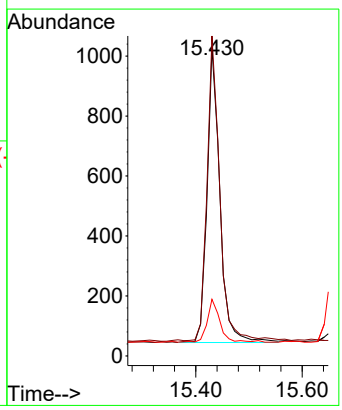


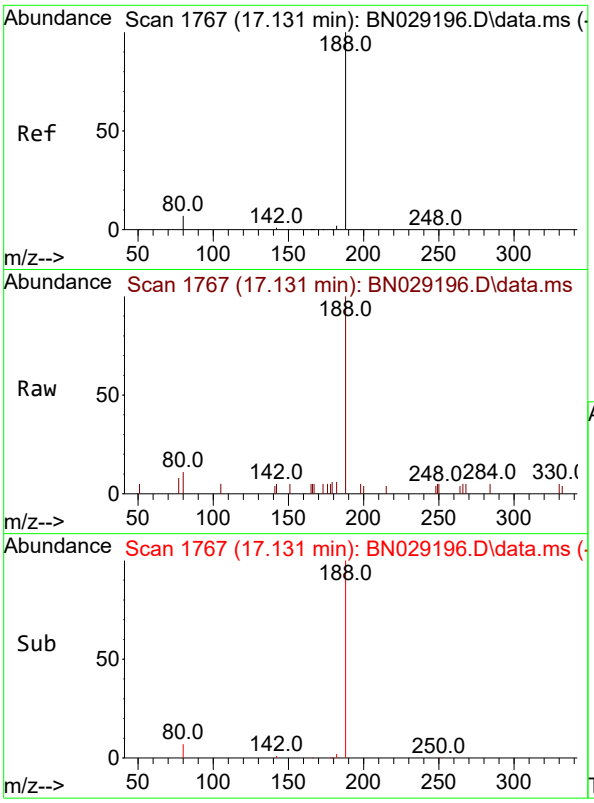


#18
Fluorene
Concen: 0.322 ng
RT: 15.430 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:166 Resp: 1702

Ion	Ratio	Lower	Upper
166	100		
165	103.5	82.8	124.2
167	14.3	11.4	17.2



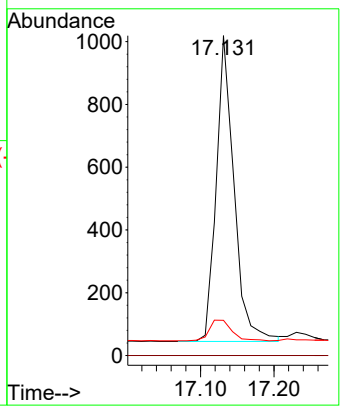


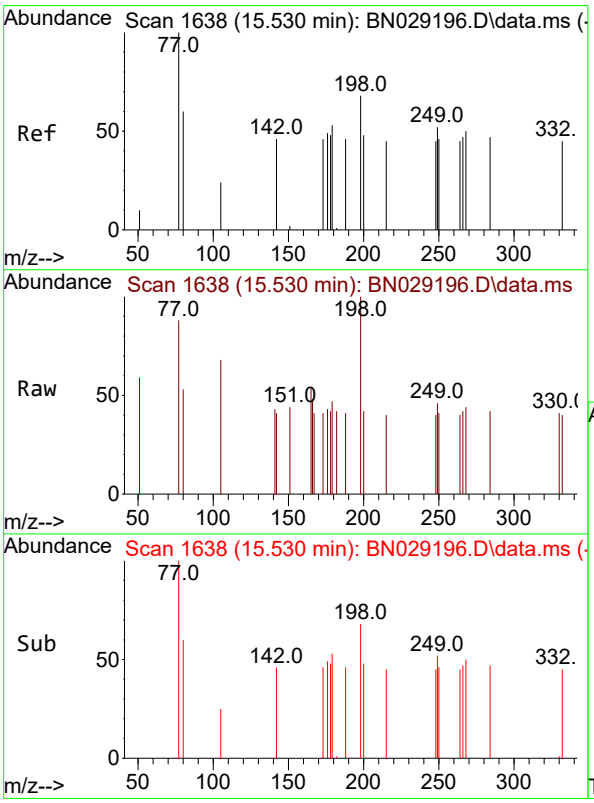
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 1641

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.8	13.2

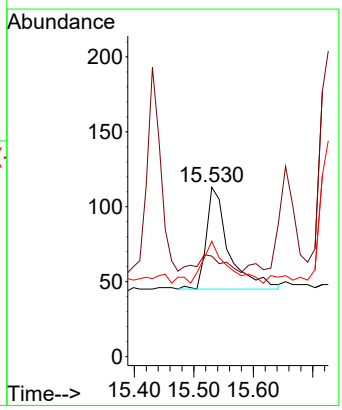


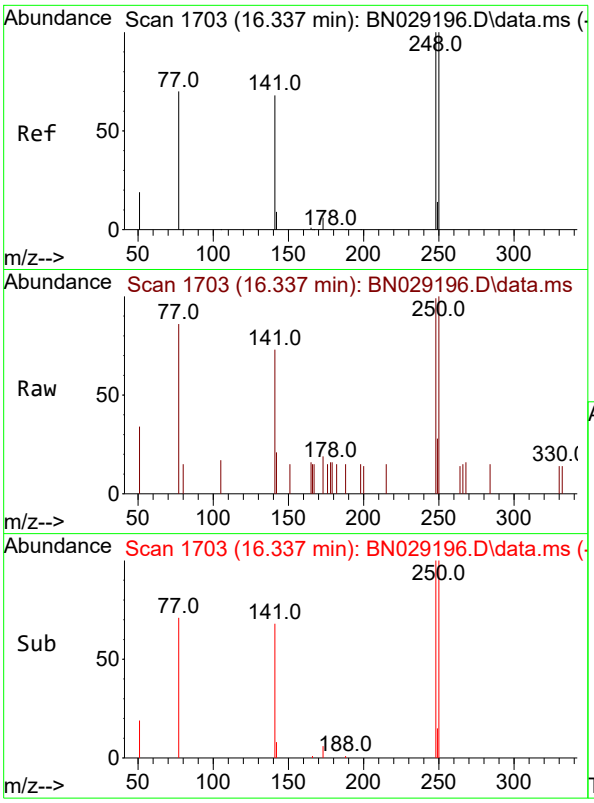


#20
4,6-Dinitro-2-methylphenol
Concen: 0.258 ng
RT: 15.530 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	59.3	47.4	71.2
105	68.1	54.5	81.7



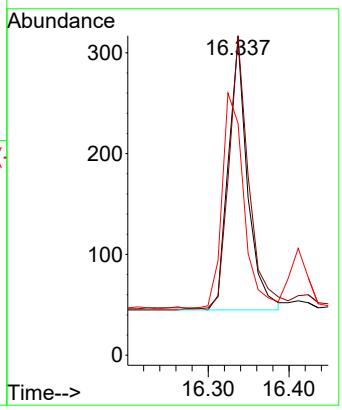


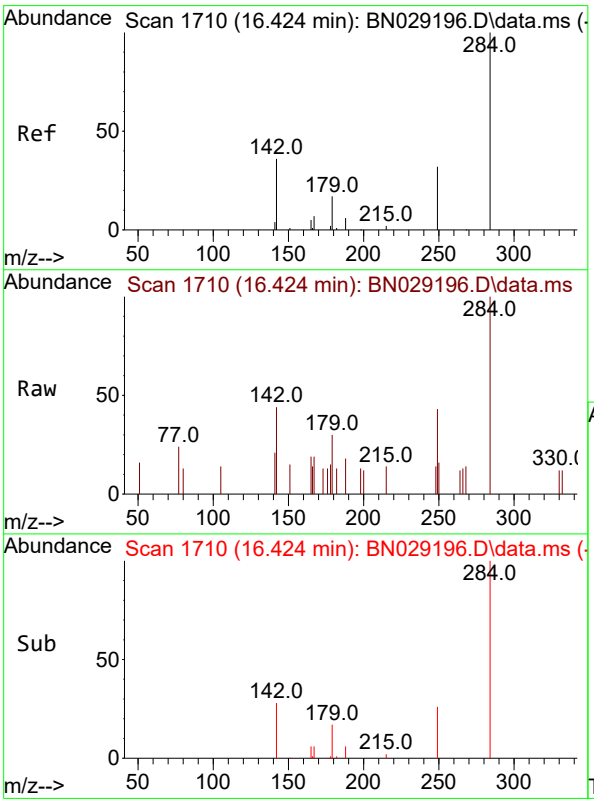
#21
4-Bromophenyl-phenylether
Concen: 0.308 ng
RT: 16.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 445

Ion	Ratio	Lower	Upper
248	100		
250	101.0	80.8	121.2
141	73.2	58.6	87.8

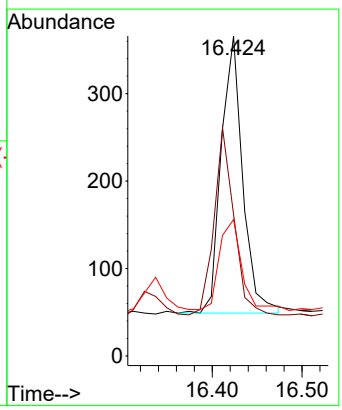


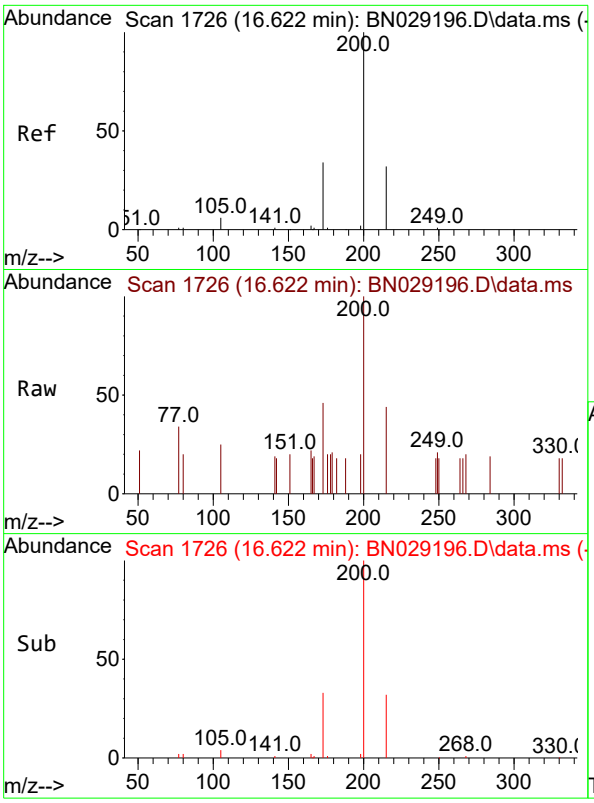


#22
Hexachlorobenzene
Concen: 0.316 ng
RT: 16.424 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:284 Resp: 526

Ion	Ratio	Lower	Upper
284	100		
142	62.4	49.9	74.9
249	32.9	26.3	39.5



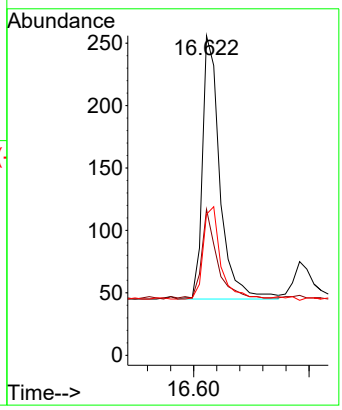


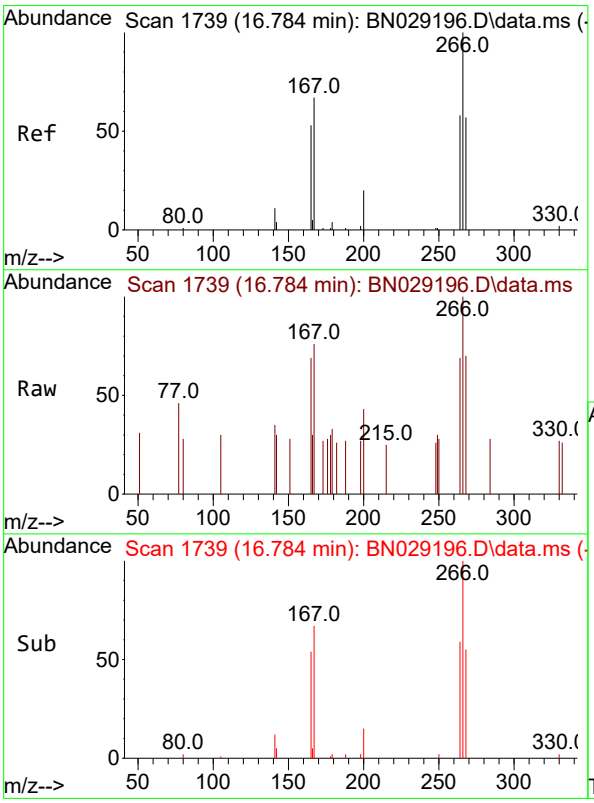
#23
Atrazine
Concen: 0.322 ng
RT: 16.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 443

Ion	Ratio	Lower	Upper
200	100		
173	45.7	36.6	54.8
215	44.1	35.3	52.9

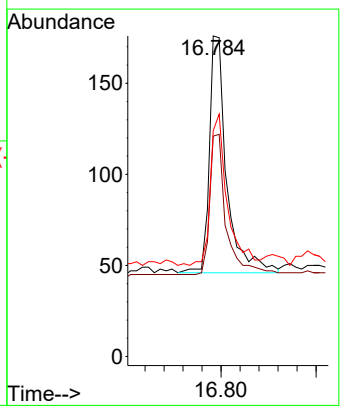


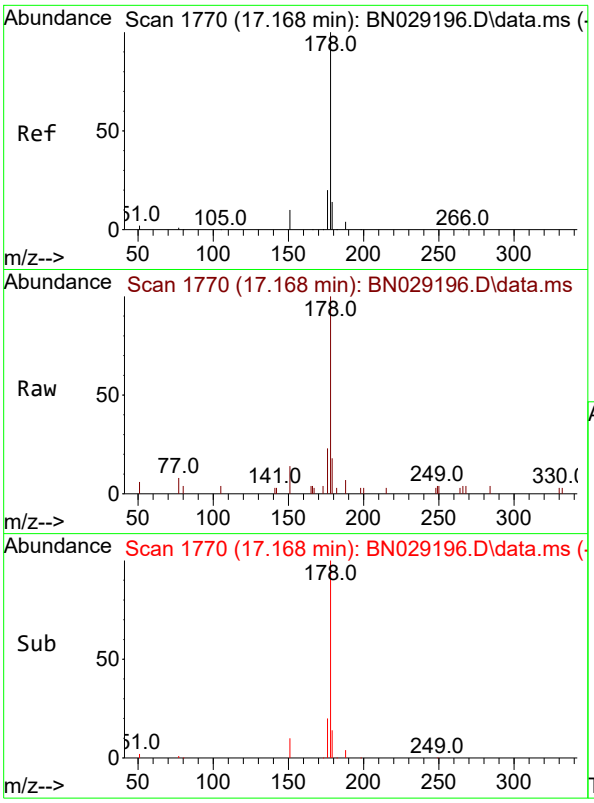


#24
Pentachlorophenol
Concen: 0.305 ng
RT: 16.784 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:266 Resp: 330

Ion	Ratio	Lower	Upper
266	100		
264	55.5	44.4	66.6
268	61.8	49.4	74.2



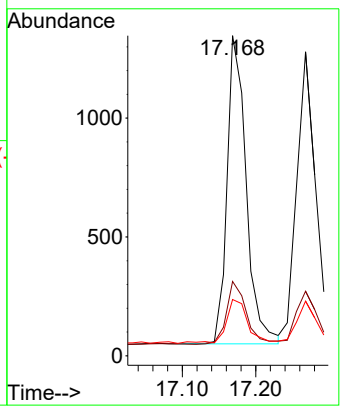


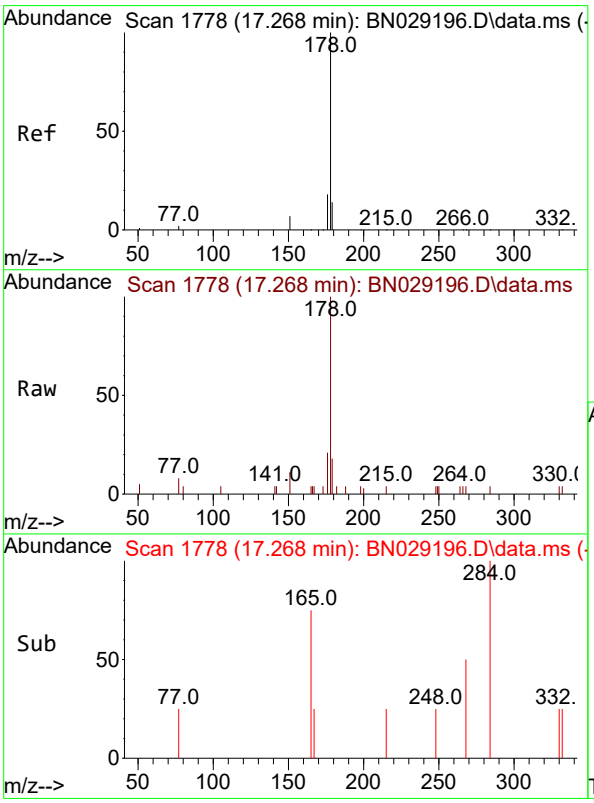
#25
Phenanthrene
Concen: 0.323 ng
RT: 17.168 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 2346

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.7	25.1
179	16.0	12.8	19.2

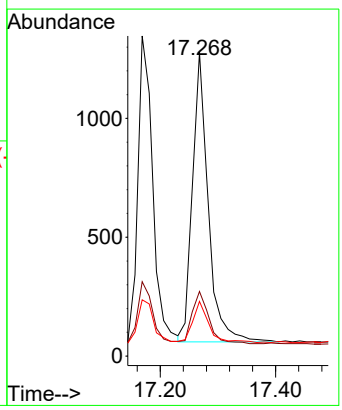


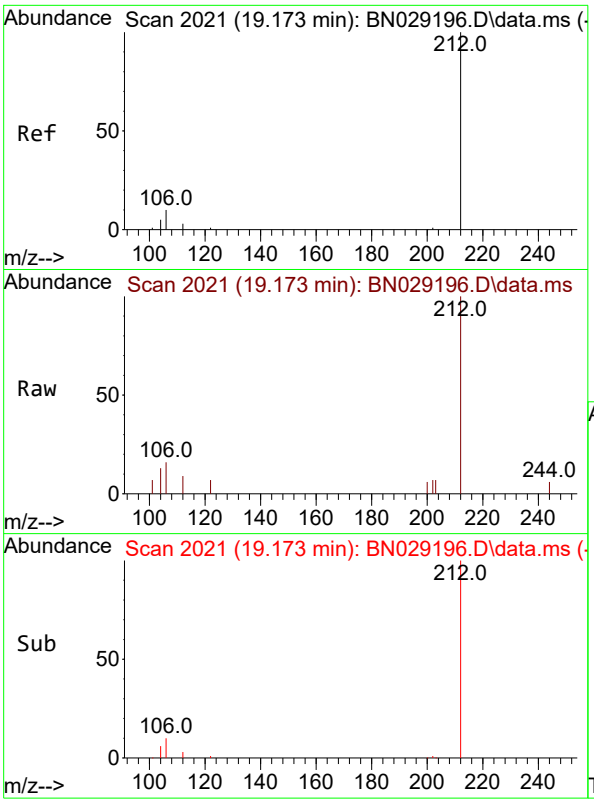


#26
Anthracene
Concen: 0.325 ng
RT: 17.268 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:178 Resp: 2307

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	14.4	11.5	17.3



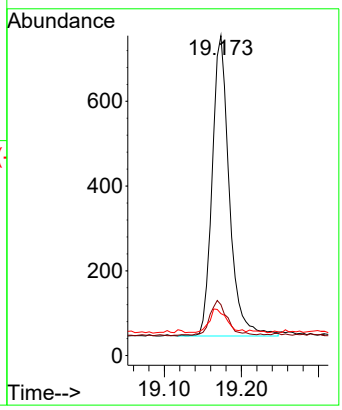


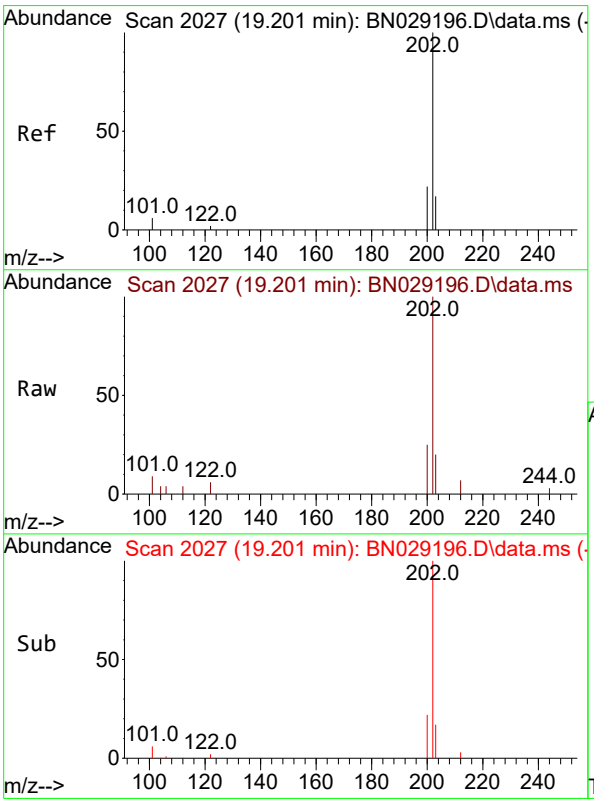
#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.173 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 1093

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.7	14.5
104	7.9	6.3	9.5

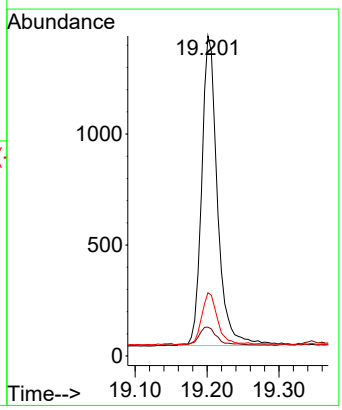


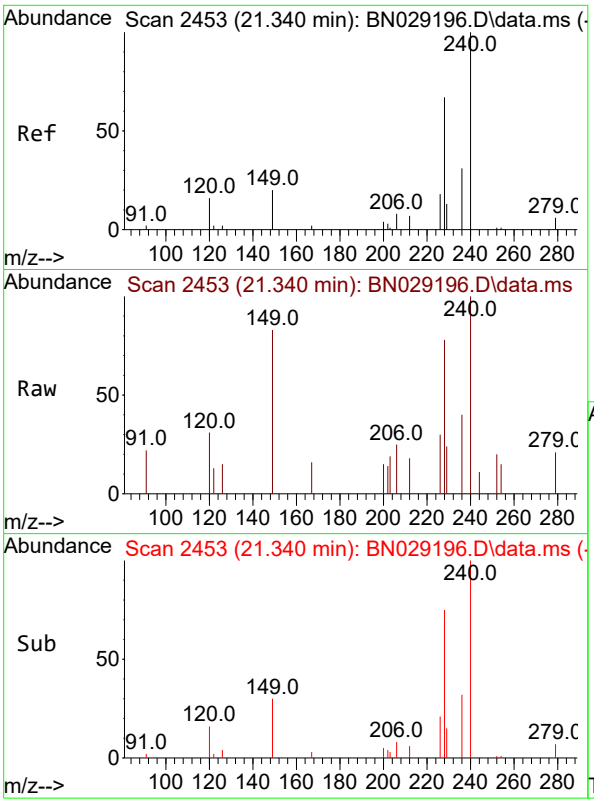


#28
Fluoranthene
Concen: 0.327 ng
RT: 19.201 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:202 Resp: 2129

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
203	17.0	13.6	20.4



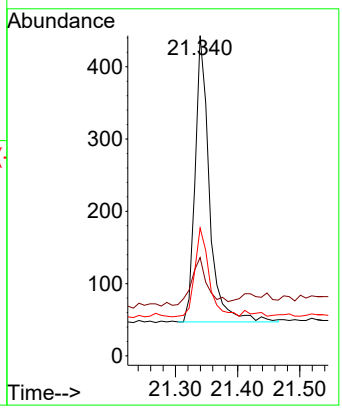


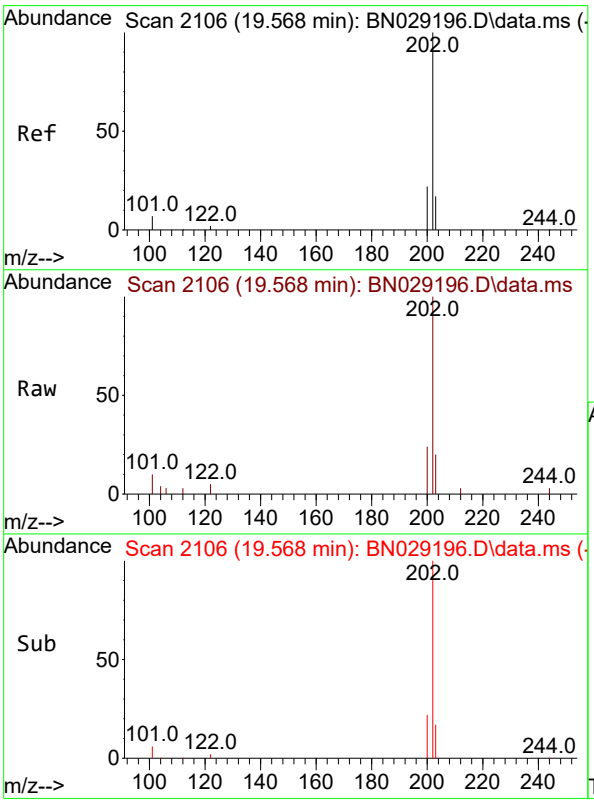
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 634

Ion	Ratio	Lower	Upper
240	100		
120	30.7	24.6	36.8
236	40.0	32.0	48.0

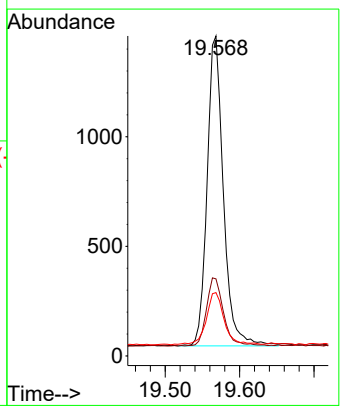


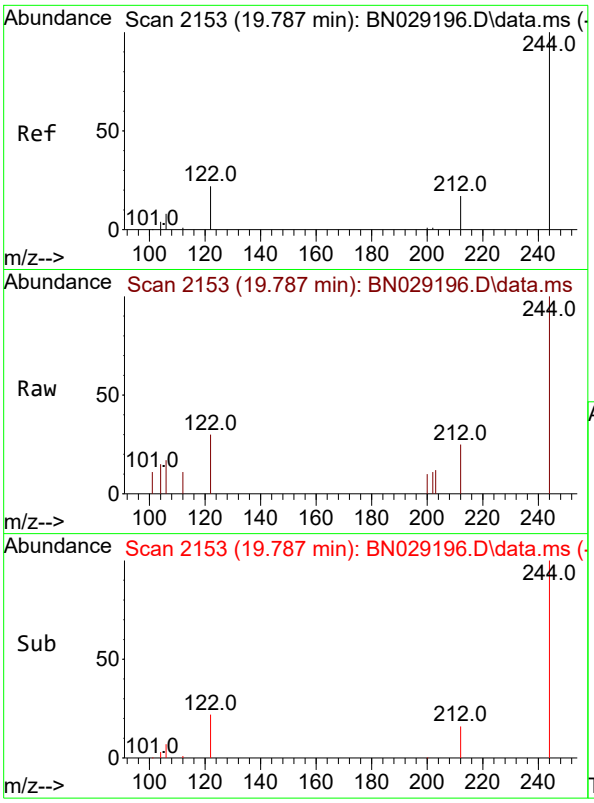


#30
Pyrene
Concen: 0.336 ng
RT: 19.568 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:202 Resp: 2147

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.4
203	18.5	14.8	22.2



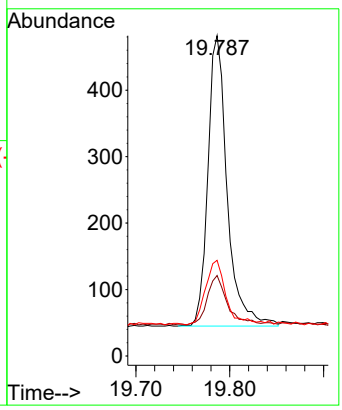


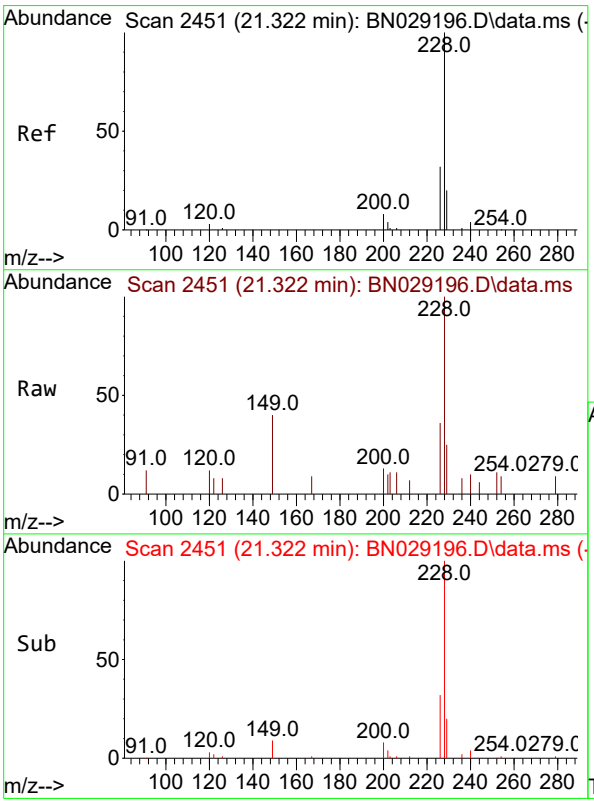
#31
Terphenyl-d14
Concen: 0.318 ng
RT: 19.787 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 625

Ion	Ratio	Lower	Upper
244	100		
212	25.1	20.1	30.1
122	29.9	23.9	35.9

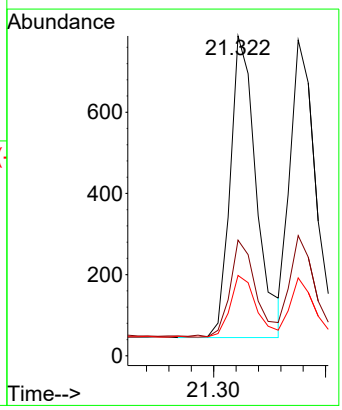


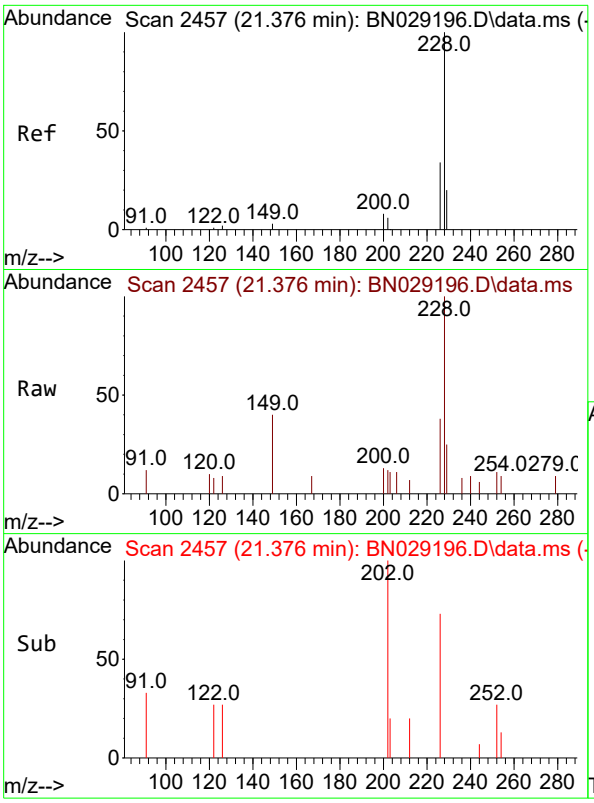


#32
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.322 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:228 Resp: 1203

Ion	Ratio	Lower	Upper
228	100		
226	36.2	29.0	43.4
229	25.1	20.1	30.1



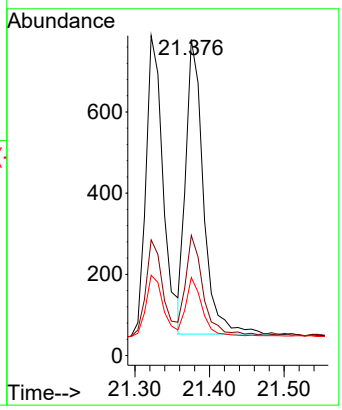


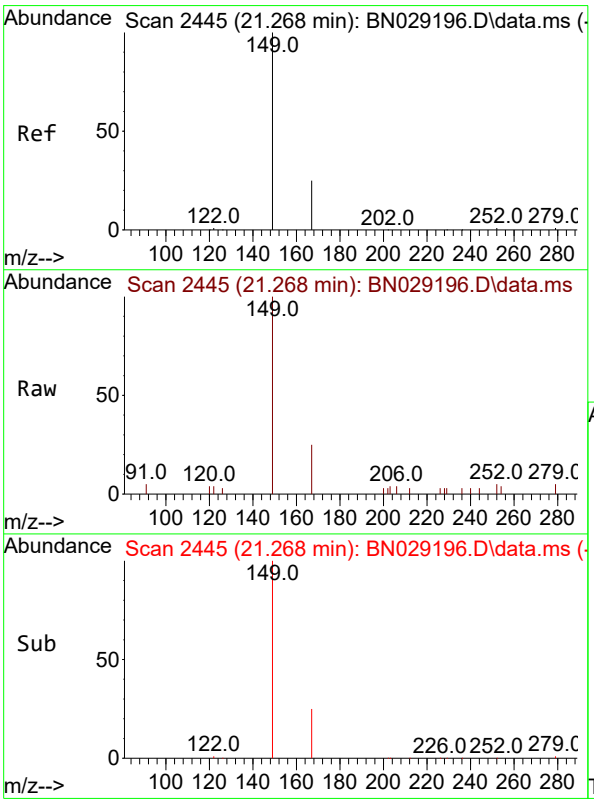
#33
Chrysene
Concen: 0.329 ng
RT: 21.376 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 1189

Ion	Ratio	Lower	Upper
228	100		
226	38.0	30.4	45.6
229	24.7	19.8	29.6

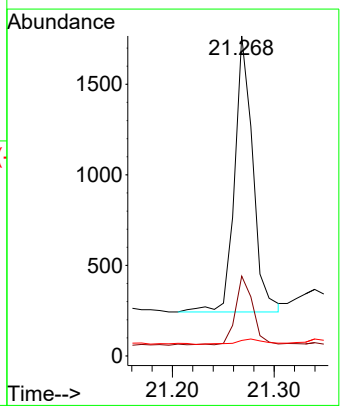


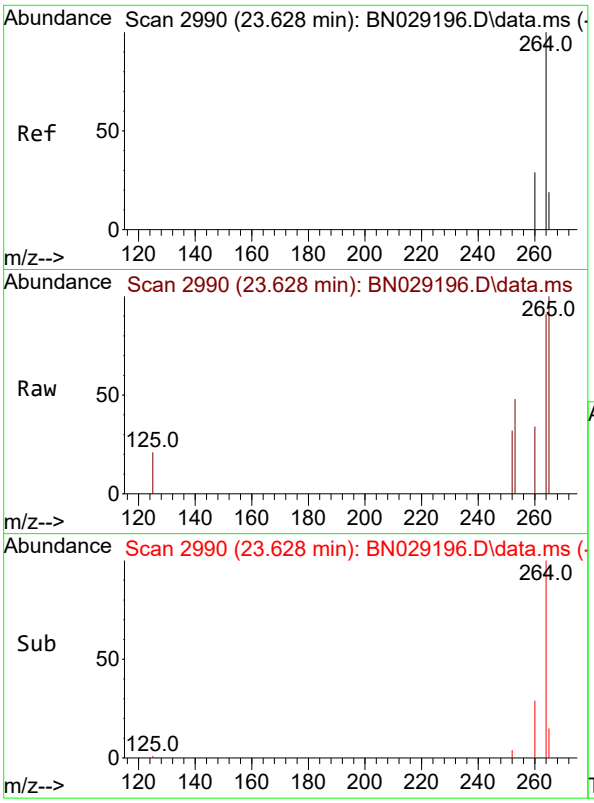


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.268 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:149 Resp: 1894

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.7	31.1
279	3.0	2.4	3.6



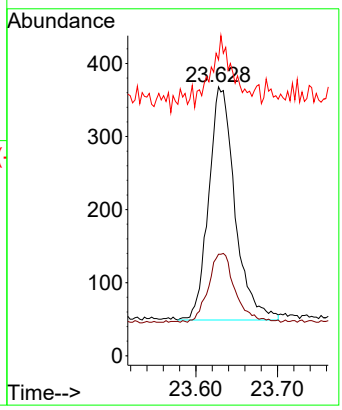


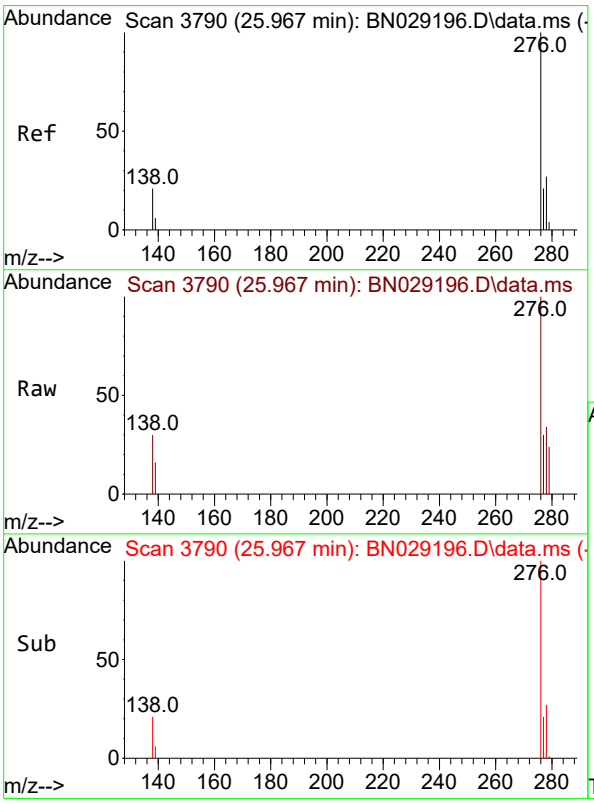
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.628 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 711

Ion	Ratio	Lower	Upper
264	100		
260	37.8	30.2	45.4
265	110.1	88.1	132.1

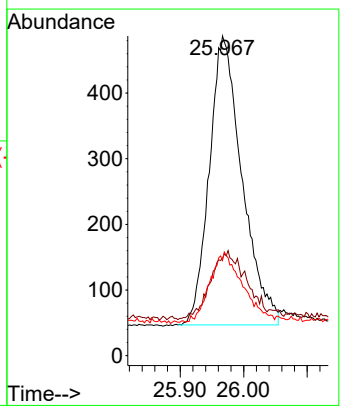


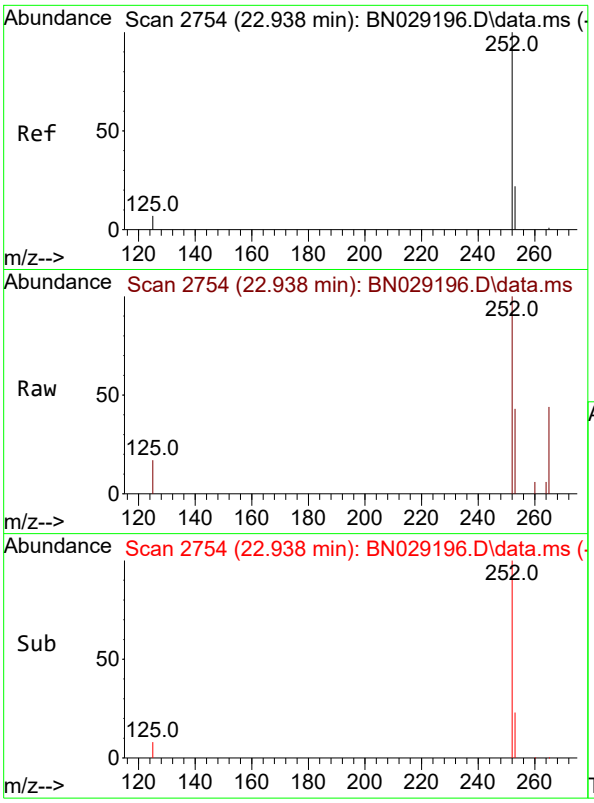


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng
RT: 25.967 min Scan# 3790
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:276 Resp: 1575

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.4	27.6
277	24.3	17.2	25.8



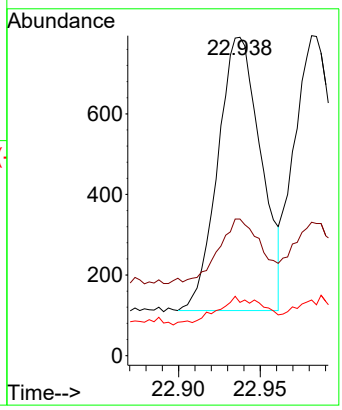


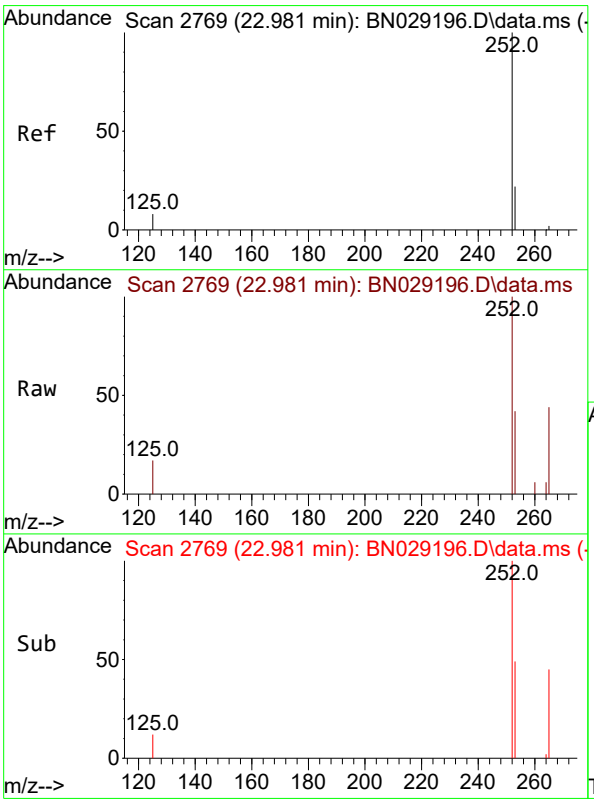
#37
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 22.938 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 1247

Ion	Ratio	Lower	Upper
252	100		
253	42.9	34.3	51.5
125	16.7	13.4	20.0

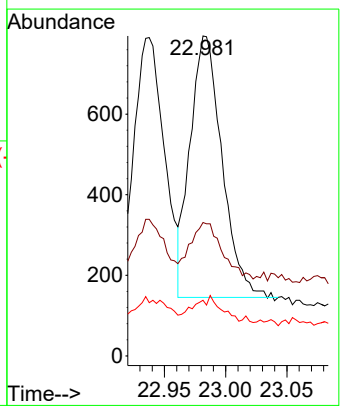


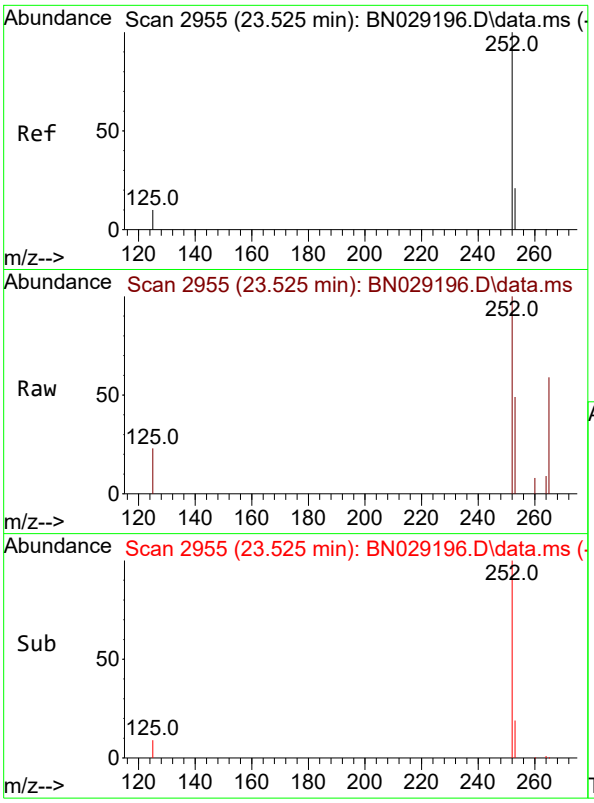


#38
Benzo(k)fluoranthene
Concen: 0.316 ng
RT: 22.981 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:252 Resp: 1178

Ion	Ratio	Lower	Upper
252	100		
253	41.7	33.4	50.0
125	17.4	13.9	20.9



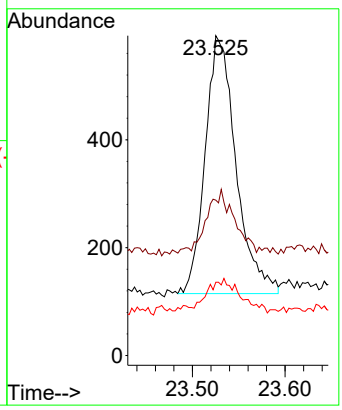


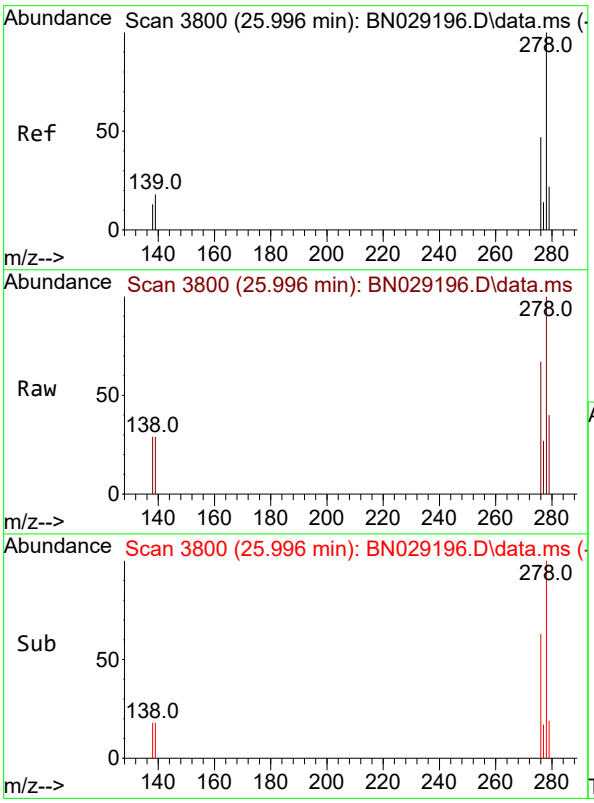
#39
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.525 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 1104

Ion	Ratio	Lower	Upper
252	100		
253	48.6	38.9	58.3
125	22.9	18.3	27.5

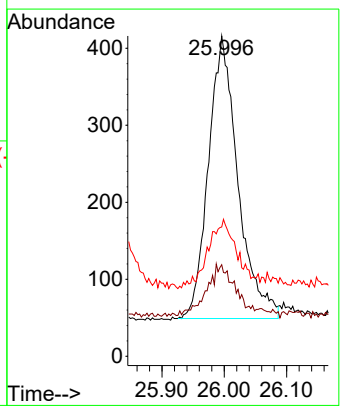


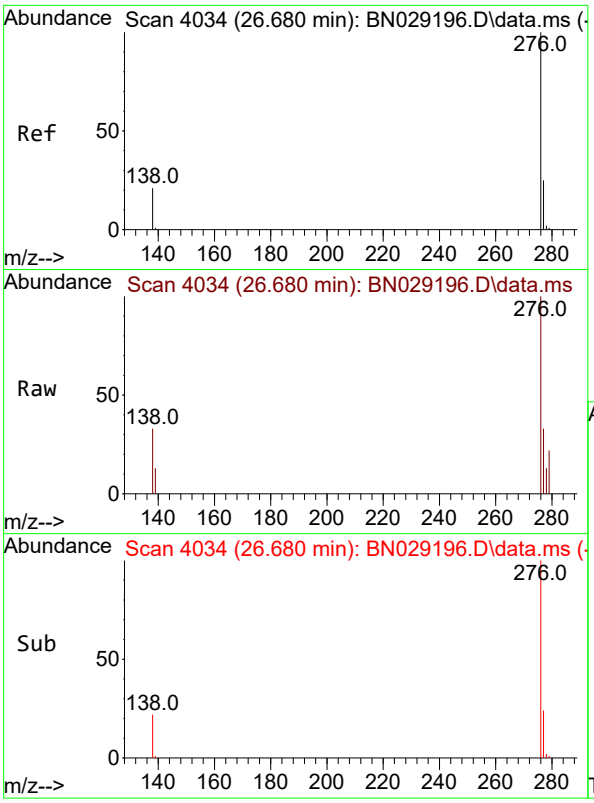


#40
Dibenzo(a,h)anthracene
Concen: 0.321 ng
RT: 25.996 min Scan# 3800
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Tgt Ion:278 Resp: 1208

Ion	Ratio	Lower	Upper
278	100		
139	28.6	22.9	34.3
279	40.4	32.3	48.5





#41
Benzo(g,h,i)perylene
Concen: 0.330 ng
RT: 26.680 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029196.D
Acq: 27 Dec 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 1374

Ion	Ratio	Lower	Upper
276	100		
277	33.0	26.4	39.6
138	32.5	26.0	39.0