Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029133.D
Acq On : 20 Dec 2023 14:15
Operator : MA/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 20 17:50:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	731	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	1290	0.400	ng		0.00
13) Acenaphthene-d10	14.426	164	602	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1025	0.400	ng		0.00
29) Chrysene-d12	21.389	240	557	0.400	ng		0.00
35) Perylene-d12	23.711	264	663	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	659	0.377	ng		0.00
5) Phenol-d6	7.002	99	720	0.375	ng		0.00
8) Nitrobenzene-d5	8.961	82	609	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	725	0.371	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	168	0.319	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1246	0.354	ng		0.00
27) Fluoranthene-d10	19.220	212	909	0.366	ng		0.00
31) Terphenyl-d14	19.829	244	540	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	271	0.396	ng		99
3) n-Nitrosodimethylamine	3.716	42	85	0.178	ng	#	1
6) bis(2-Chloroethyl)ether	7.255	93	543	0.363	ng		100
9) Naphthalene	10.626	128	1586	0.377	ng		100
10) Hexachlorobutadiene	10.893	225	527	0.380	ng	#	100
12) 2-Methylnaphthalene	12.246	142	1016	0.370	ng		100
16) Acenaphthylene	14.148	152	1518	0.358	ng		100
17) Acenaphthene	14.490	154	888	0.349	ng		100
18) Fluorene	15.484	166	1212	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.580	198	137	0.347	ng		100
21) 4-Bromophenyl-phenylether	16.387	248	387	0.365	ng		100
22) Hexachlorobenzene	16.474	284	461	0.373	ng		100
23) Atrazine	16.672	200	331	0.373	ng		100
24) Pentachlorophenol	16.834	266	288	0.394	ng		100
25) Phenanthrene	17.218	178	1546	0.366	ng		100
26) Anthracene	17.318	178	1511	0.370	ng		100
28) Fluoranthene	19.252	202	1590	0.364	ng		100
30) Pyrene	19.615	202	1637	0.373	ng		100
32) Benzo(a)anthracene	21.371	228	1123	0.367	ng		100
33) Chrysene	21.425	228	1125	0.371	ng		100
34) Bis(2-ethylhexyl)phtha...	21.308	149	1308	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	26.085	276	1592	0.375	ng		100
37) Benzo(b)fluoranthene	23.003	252	1209	0.359	ng		100
38) Benzo(k)fluoranthene	23.050	252	1215	0.368	ng		100
39) Benzo(a)pyrene	23.606	252	1120	0.372	ng		100
40) Dibenzo(a,h)anthracene	26.117	278	1194	0.364	ng		100
41) Benzo(g,h,i)perylene	26.816	276	1360	0.376	ng		100

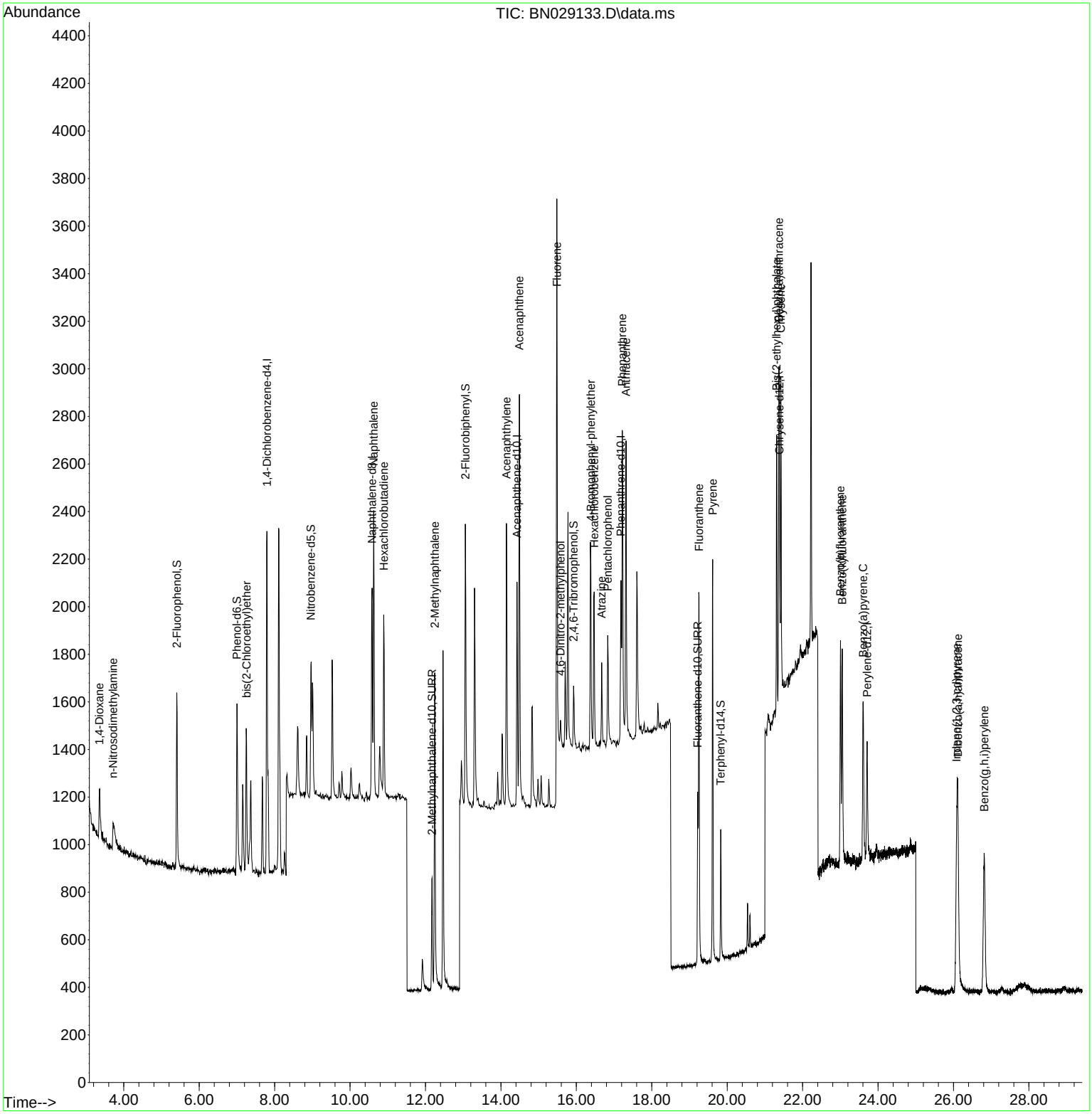
(#) = qualifier out of range (m) = manual integration (+) = signals summed

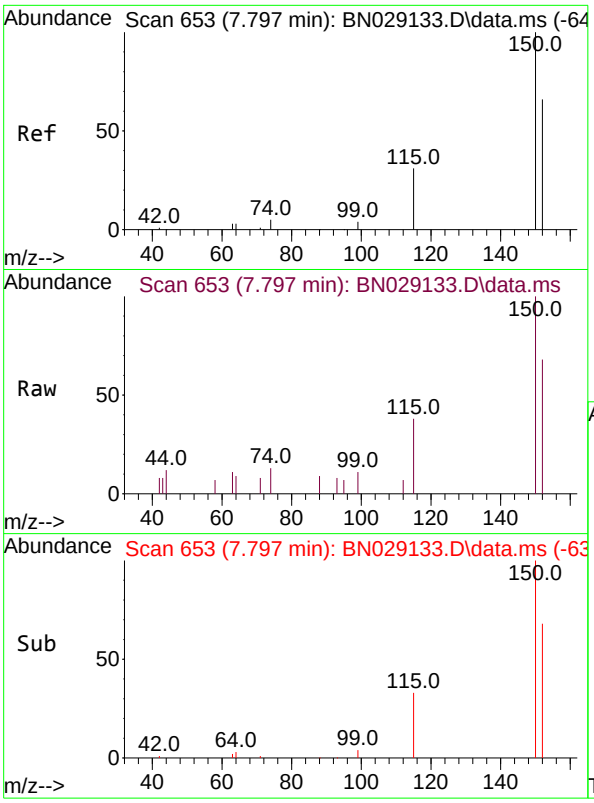
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029133.D
Acq On : 20 Dec 2023 14:15
Operator : MA/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 20 17:50:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration



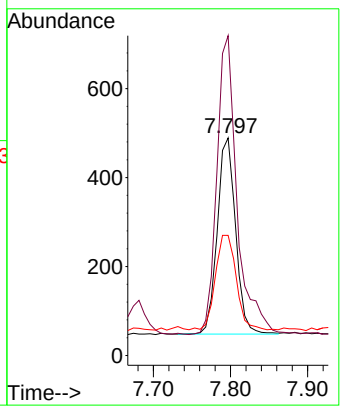


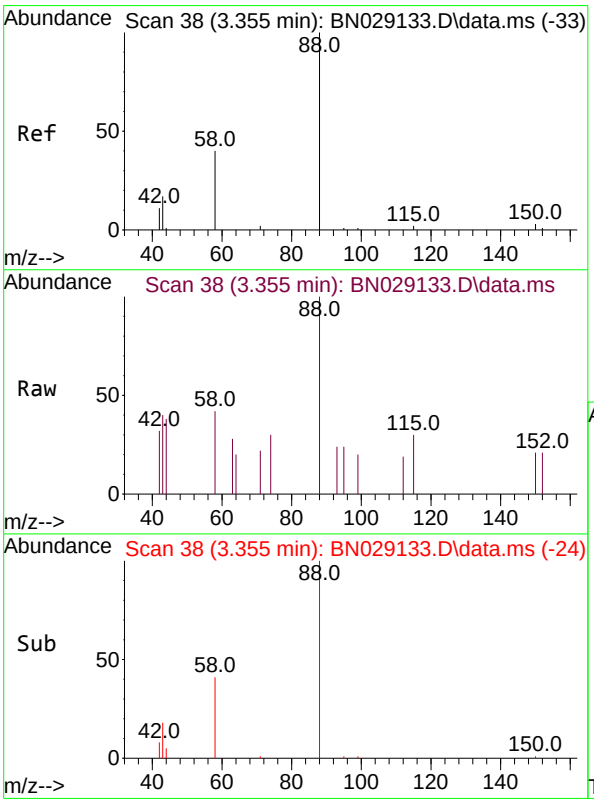
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 731

Ion	Ratio	Lower	Upper
152	100		
150	147.0	117.6	176.4
115	55.2	44.2	66.2

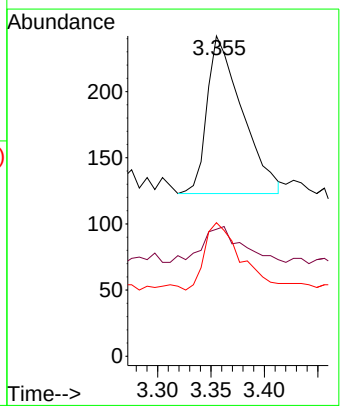


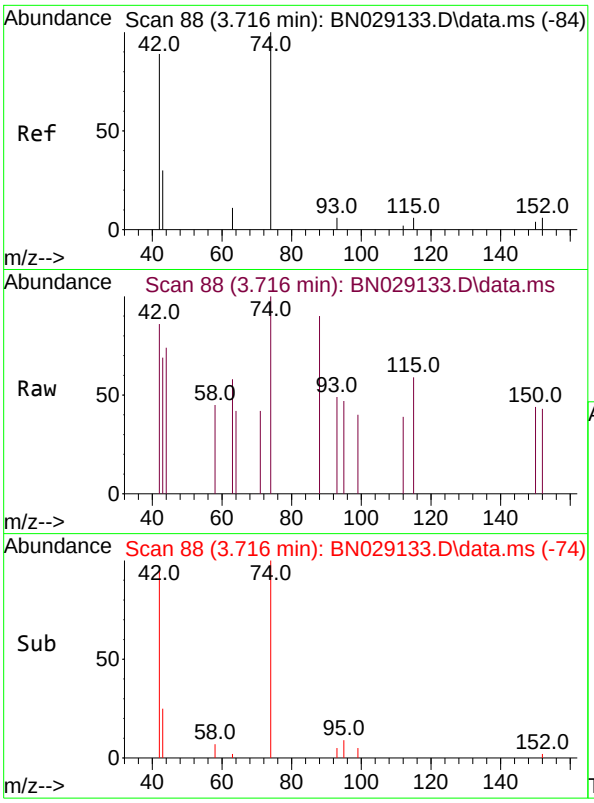


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion: 88 Resp: 271

Ion	Ratio	Lower	Upper
88	100		
43	25.1	19.4	29.2
58	44.3	35.4	53.0



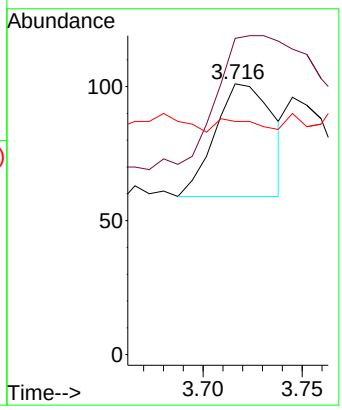


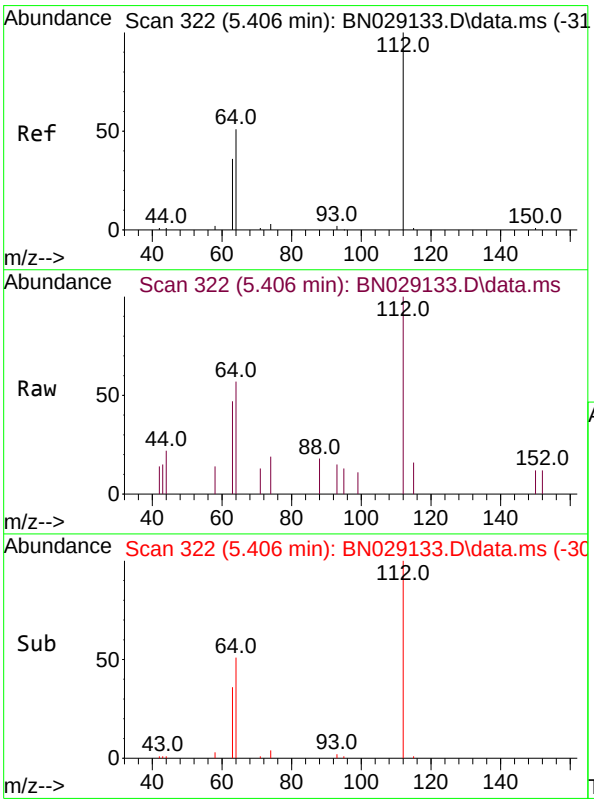
#3
n-Nitrosodimethylamine
Concen: 0.178 ng
RT: 3.716 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 85

Ion	Ratio	Lower	Upper
42	100		
74	263.5	109.4	164.0#
44	8.2	3.1	4.7#

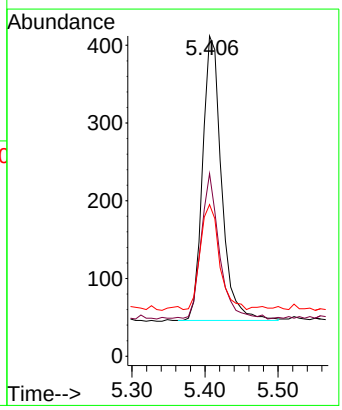


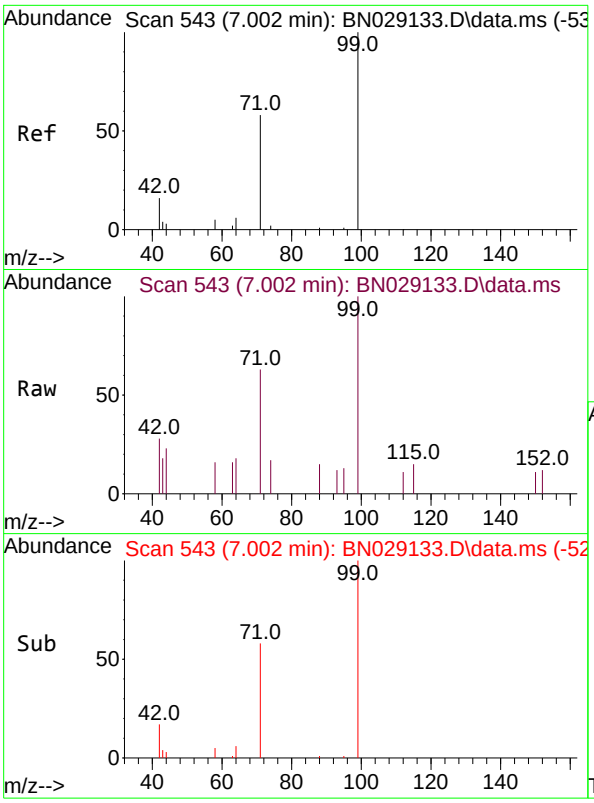


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:112 Resp: 659

Ion	Ratio	Lower	Upper
112	100		
64	48.3	38.6	58.0
63	37.5	30.0	45.0



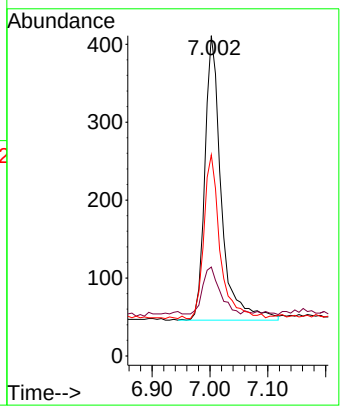


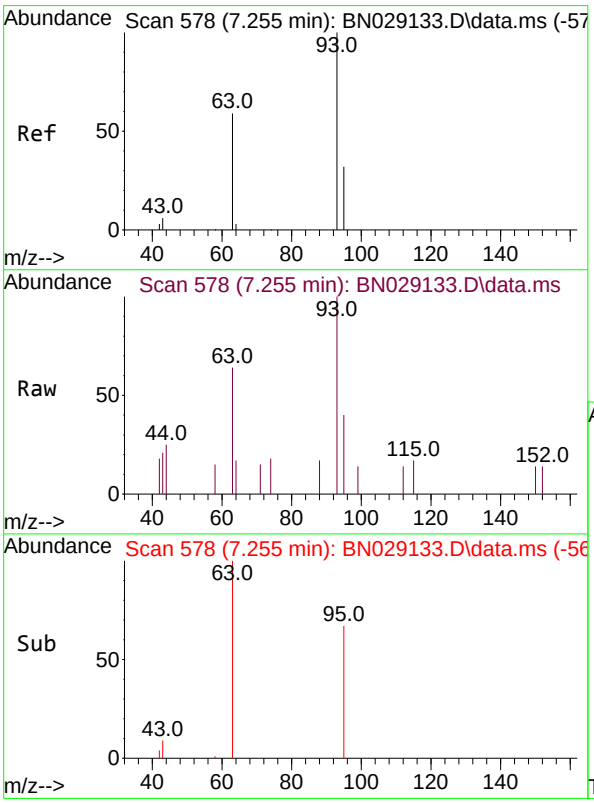
#5
Phenol-d6
Concen: 0.375 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 720

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	56.8	45.4	68.2

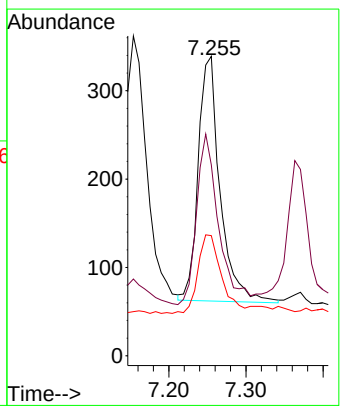


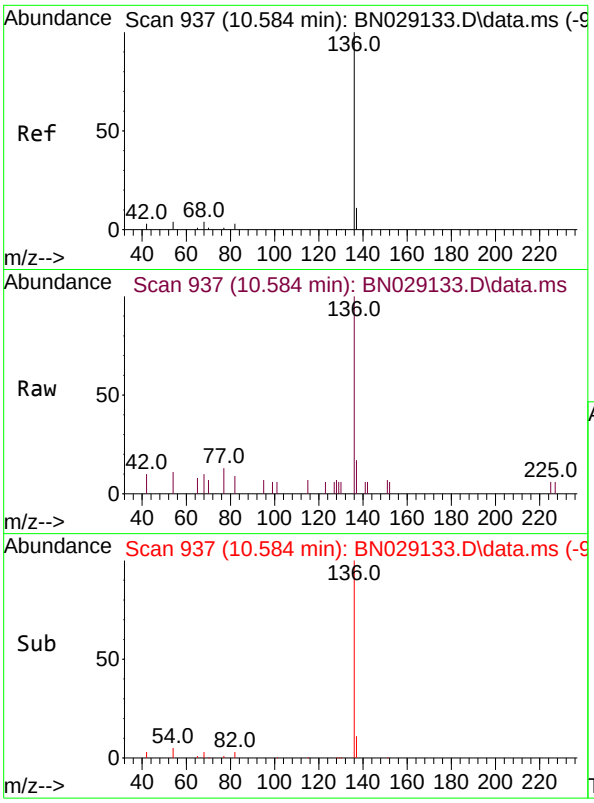


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion: 93 Resp: 543

Ion	Ratio	Lower	Upper
93	100		
63	71.3	57.0	85.6
95	34.3	27.4	41.2



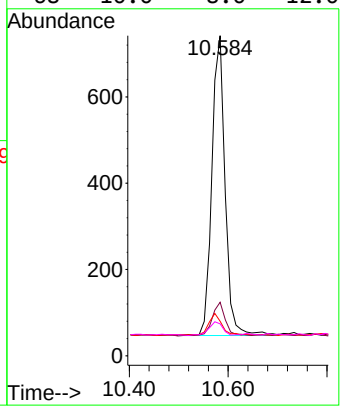


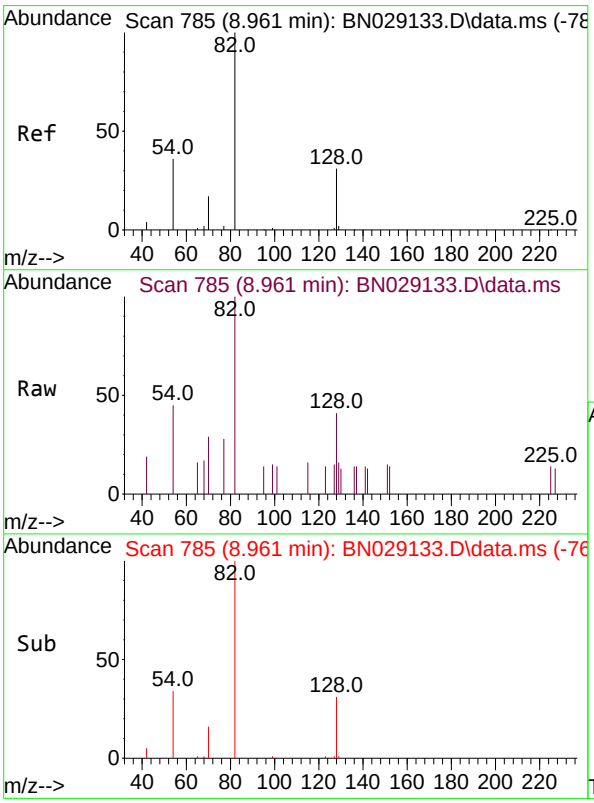
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 1290

Ion	Ratio	Lower	Upper
136	100		
137	16.7	13.4	20.0
54	10.8	8.6	13.0
68	10.0	8.0	12.0

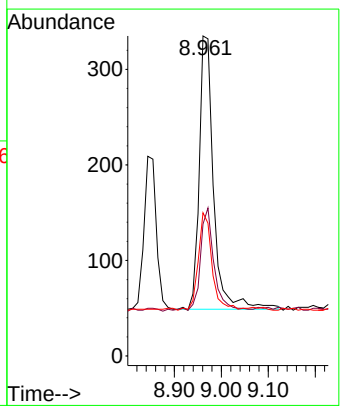


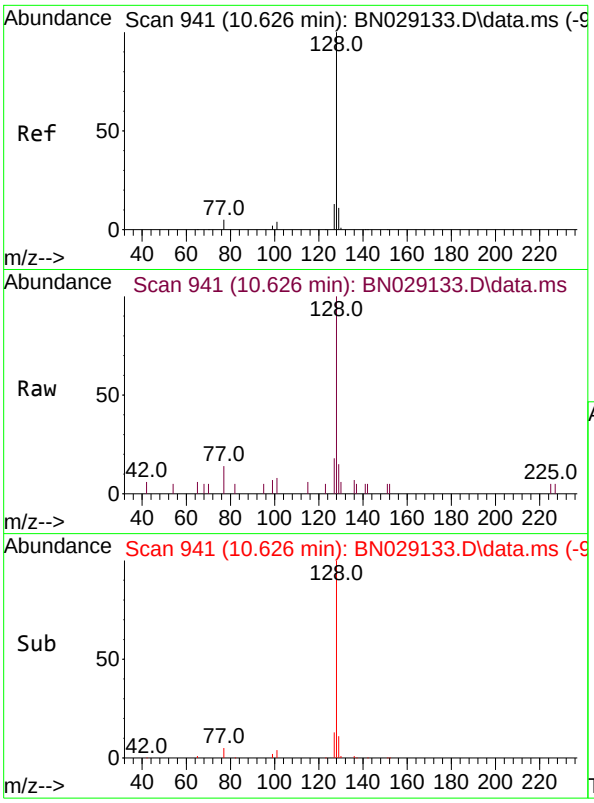


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion: 82 Resp: 609

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	44.8	35.8	53.8



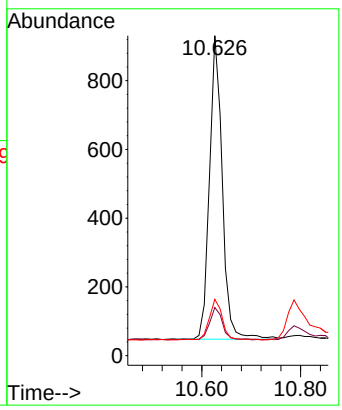


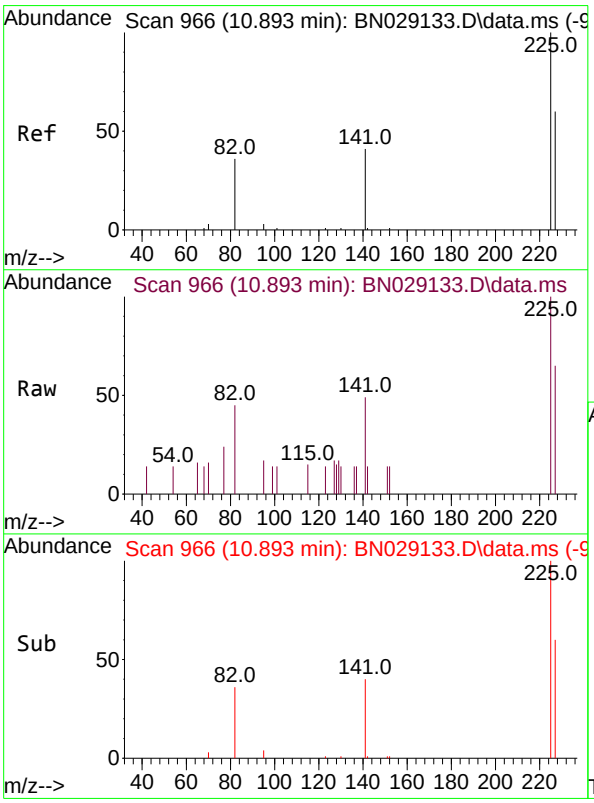
#9
Naphthalene
Concen: 0.377 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 1586

Ion	Ratio	Lower	Upper
128	100		
129	15.0	12.0	18.0
127	17.6	14.1	21.1

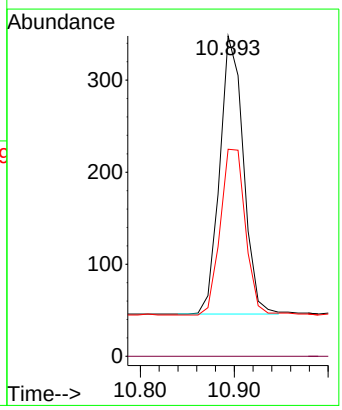


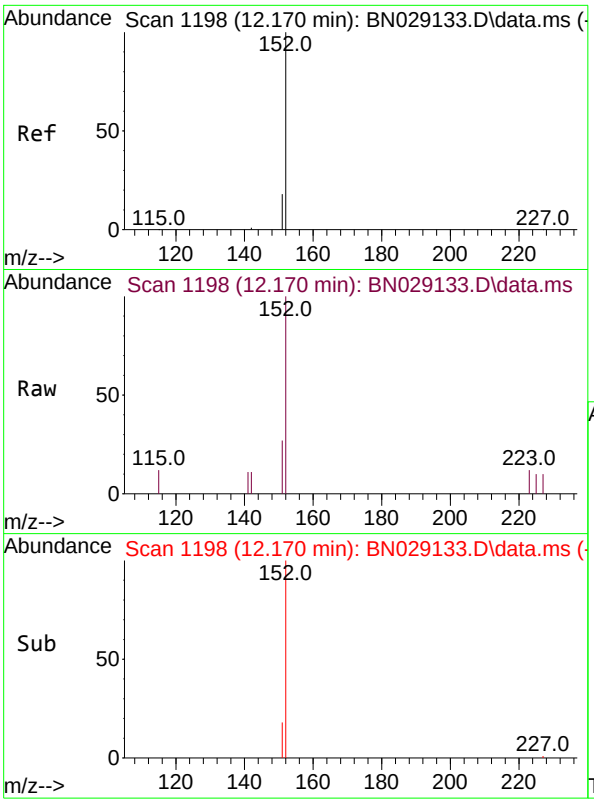


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.893 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:225 Resp: 527

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.7	76.1



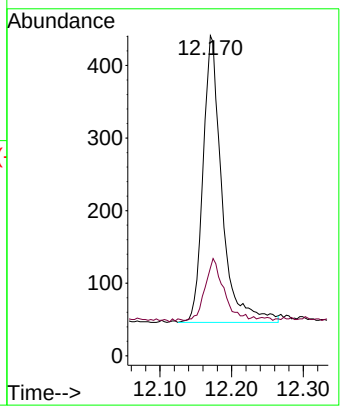


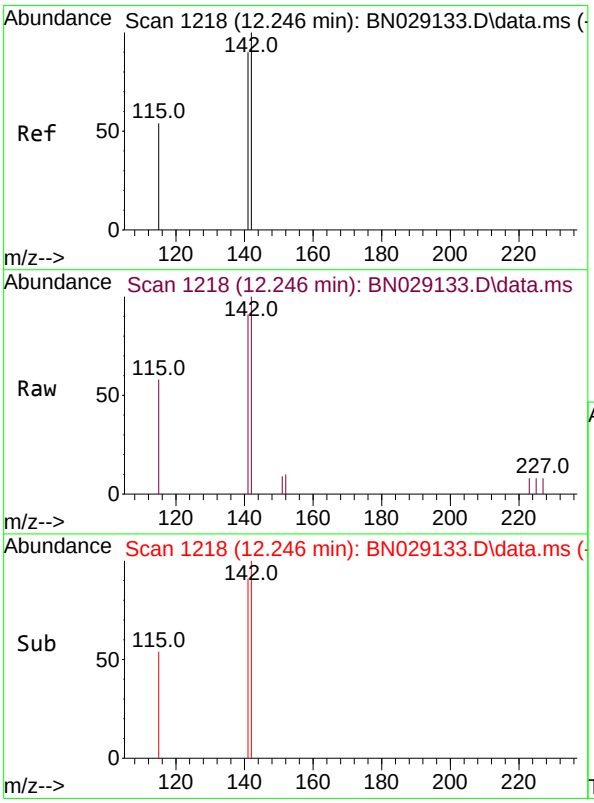
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.170 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 725

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

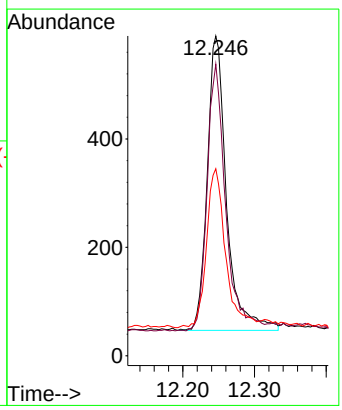


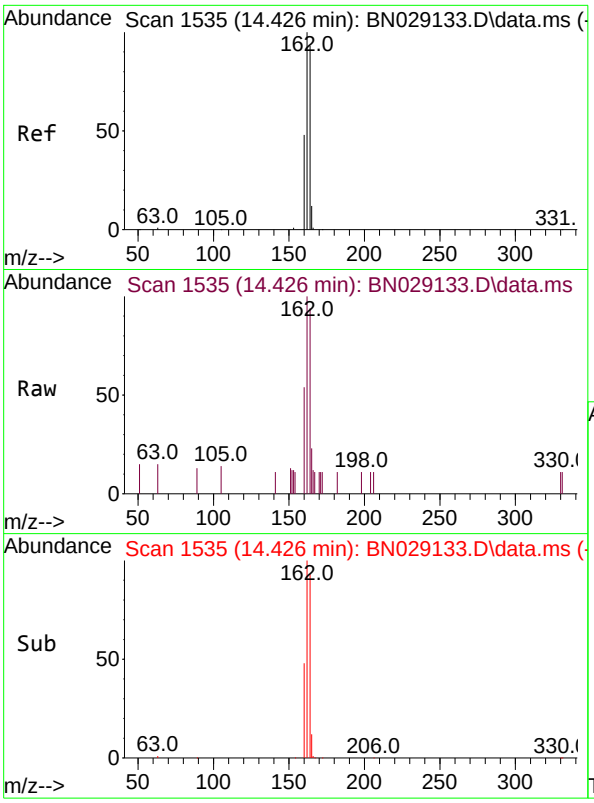


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.246 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:142 Resp: 1016

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4
115	58.5	46.8	70.2





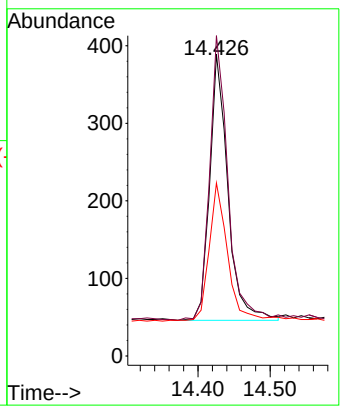
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1

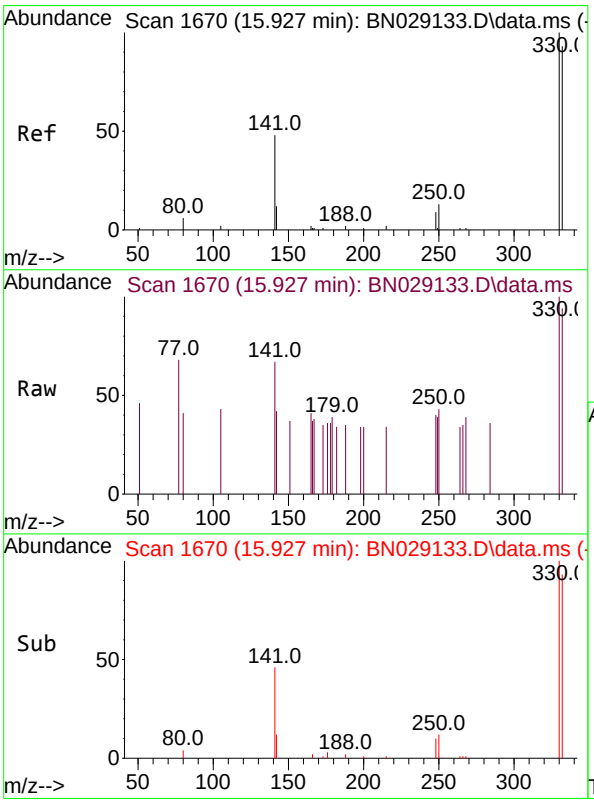
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:164 Resp: 602

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.0	127.4
160	57.3	45.8	68.8

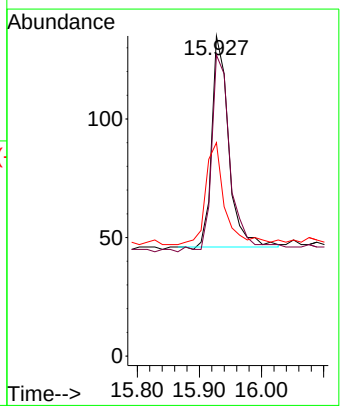


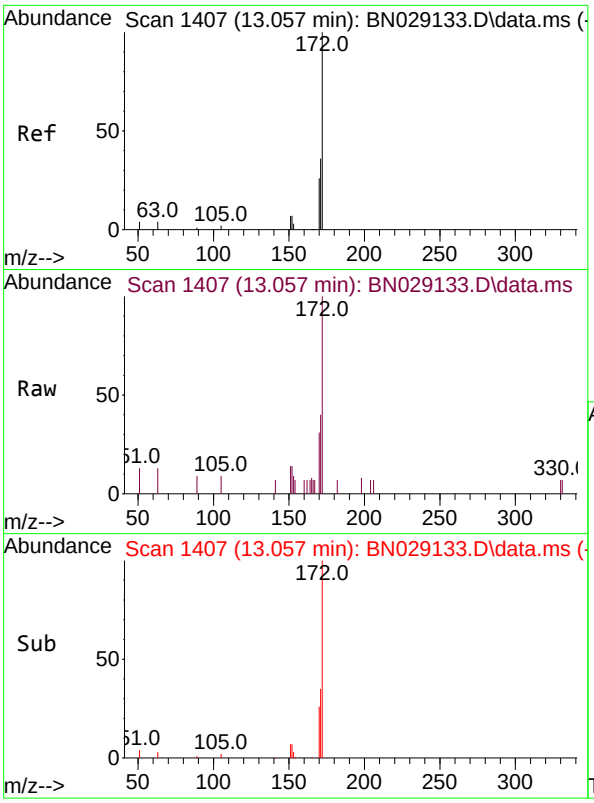


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.927 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:330 Resp: 168

Ion	Ratio	Lower	Upper
330	100		
332	104.2	83.4	125.0
141	54.8	43.8	65.8



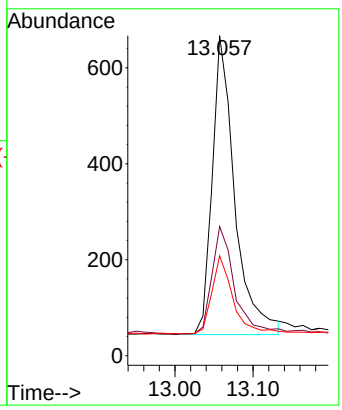


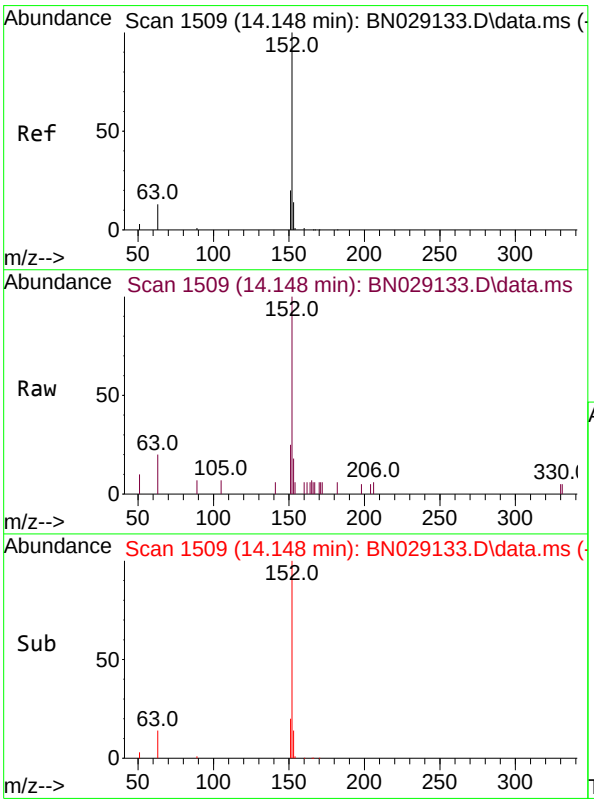
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.057 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 1246

Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.2	48.4
170	31.2	25.0	37.4

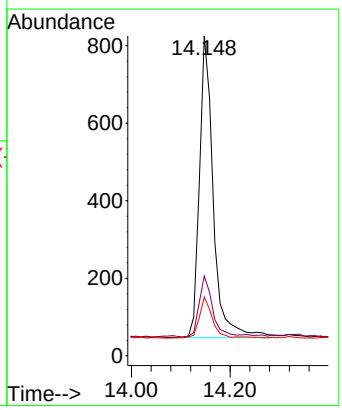


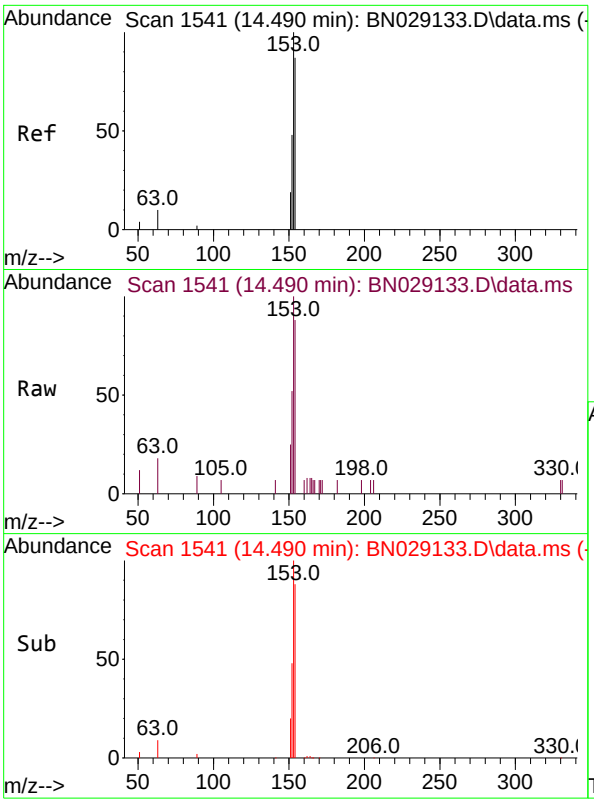


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.148 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:152 Resp: 1518

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.6	10.1	15.1



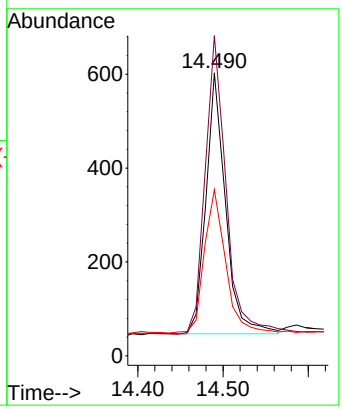


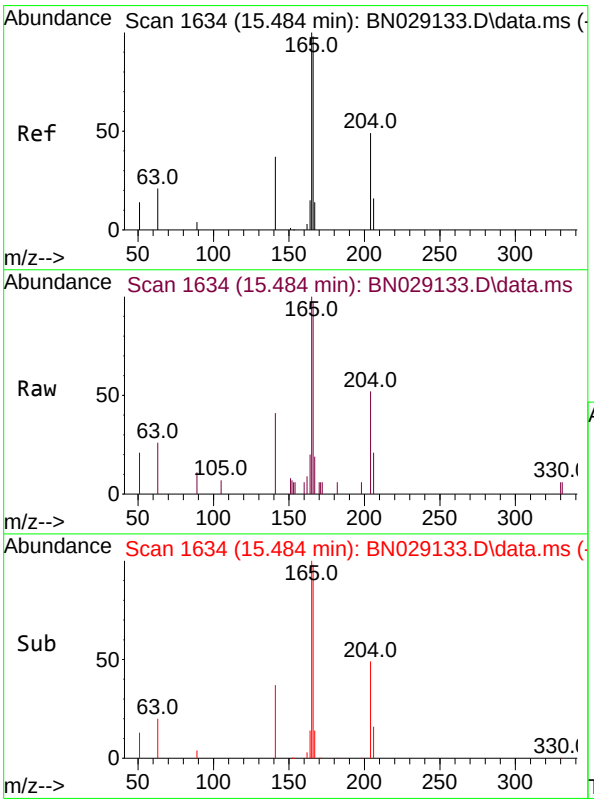
#17
Acenaphthene
Concen: 0.349 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 888

Ion	Ratio	Lower	Upper
154	100		
153	124.9	99.9	149.9
152	59.3	47.4	71.2

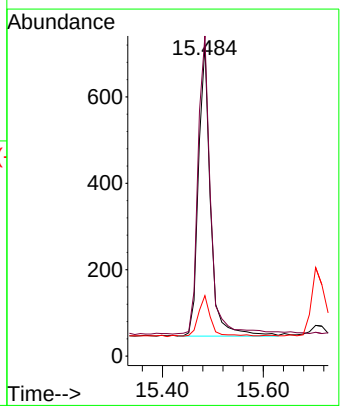


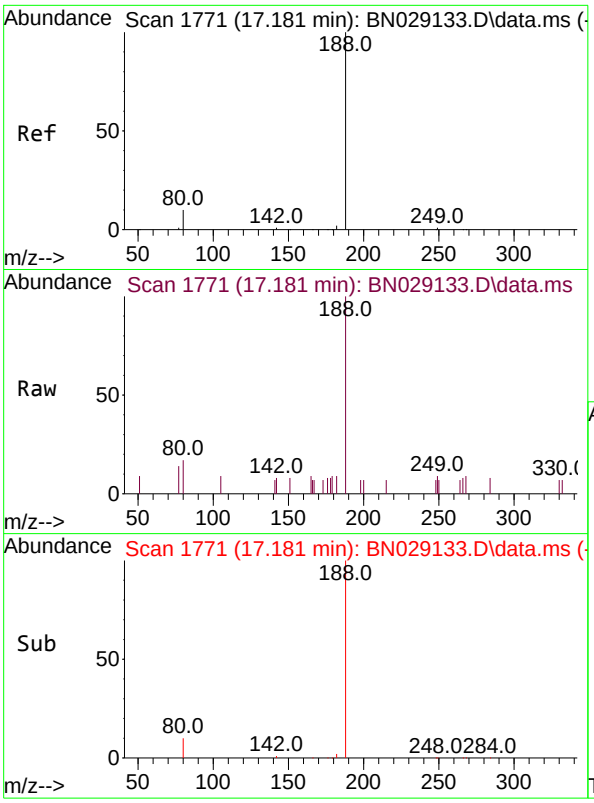


#18
Fluorene
Concen: 0.353 ng
RT: 15.484 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:166 Resp: 1212

Ion	Ratio	Lower	Upper
166	100		
165	104.2	84.3	126.5
167	14.8	11.8	17.8



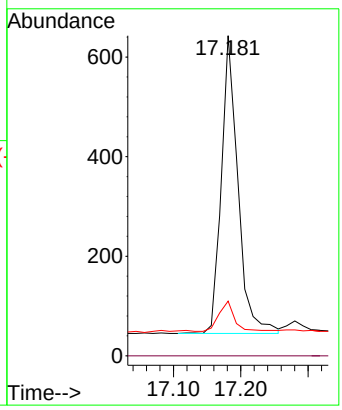


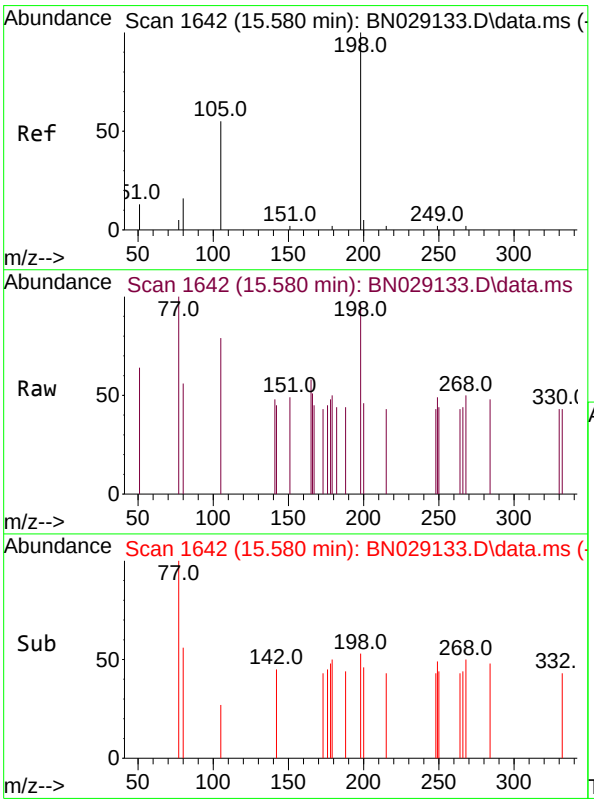
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 1025

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	13.7	20.5

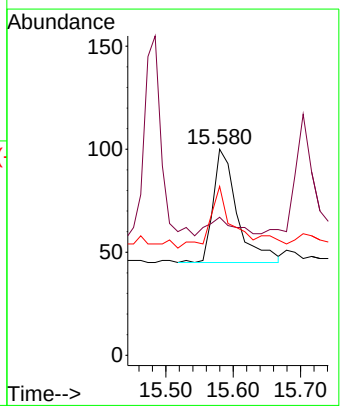


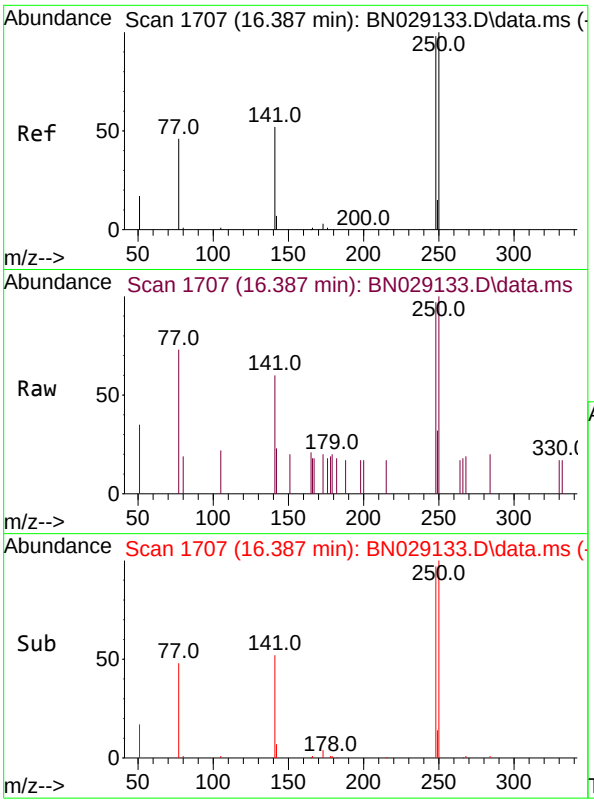


#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.580 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	67.0	53.6	80.4
105	82.0	65.6	98.4



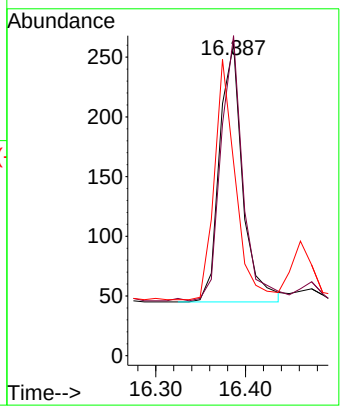


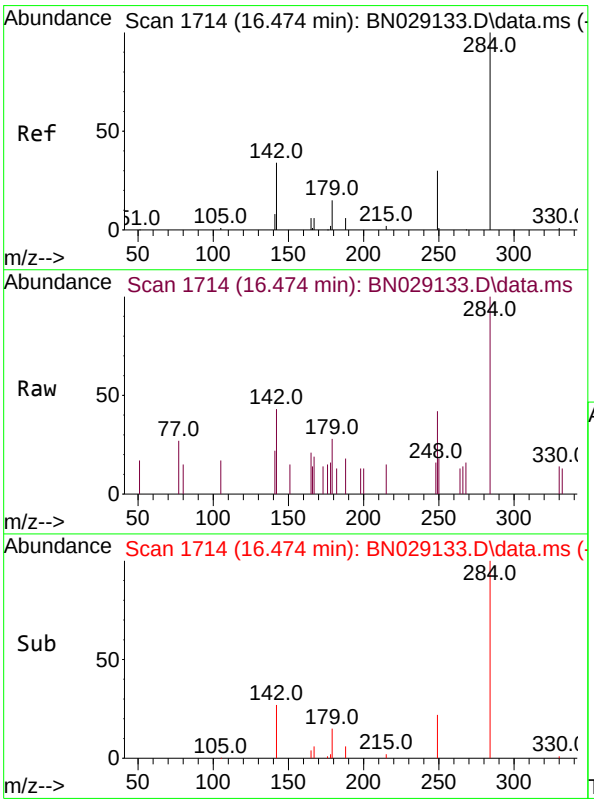
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.387 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 387

Ion	Ratio	Lower	Upper
248	100		
250	102.7	82.2	123.2
141	62.1	49.7	74.5

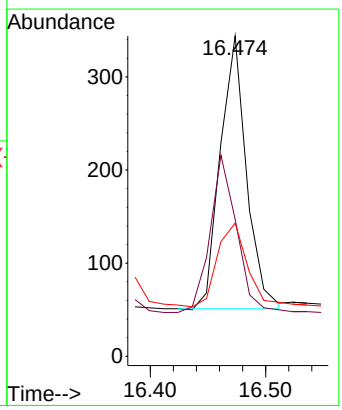


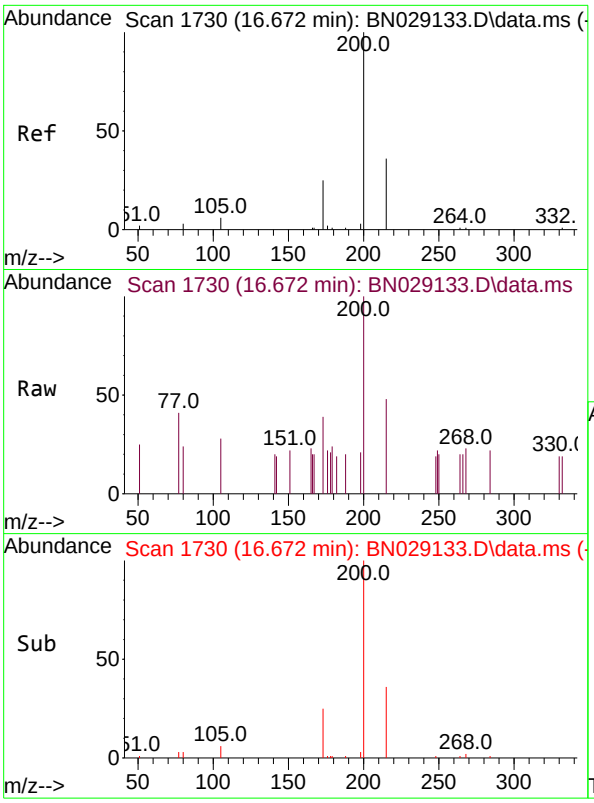


#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.474 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:284 Resp: 461

Ion	Ratio	Lower	Upper
284	100		
142	58.6	46.9	70.3
249	35.8	28.6	43.0



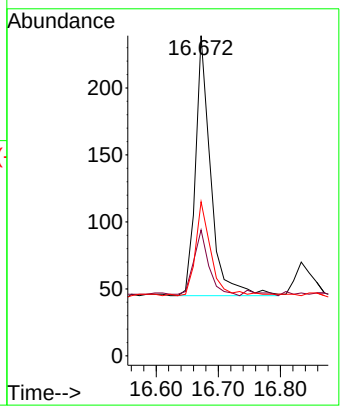


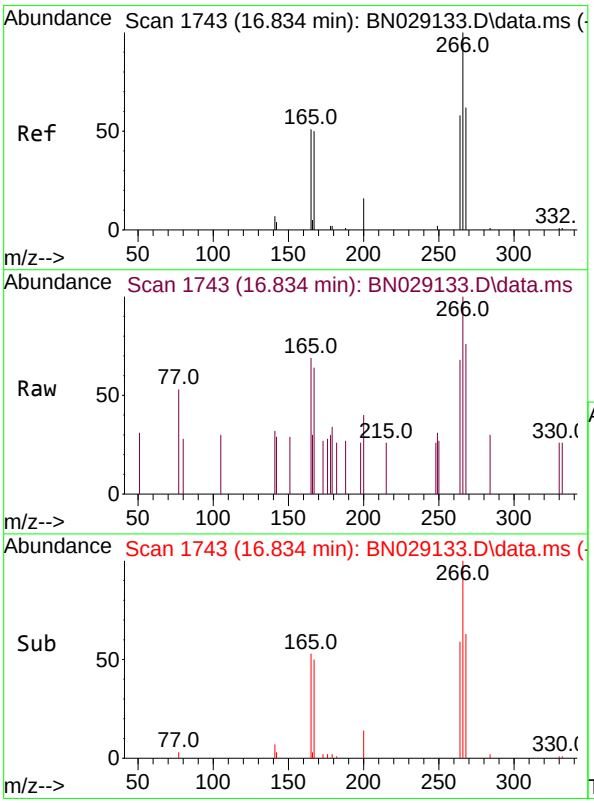
#23
Atrazine
Concen: 0.373 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 331

Ion	Ratio	Lower	Upper
200	100		
173	39.3	31.4	47.2
215	48.1	38.5	57.7

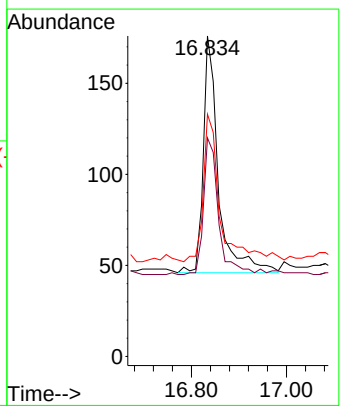


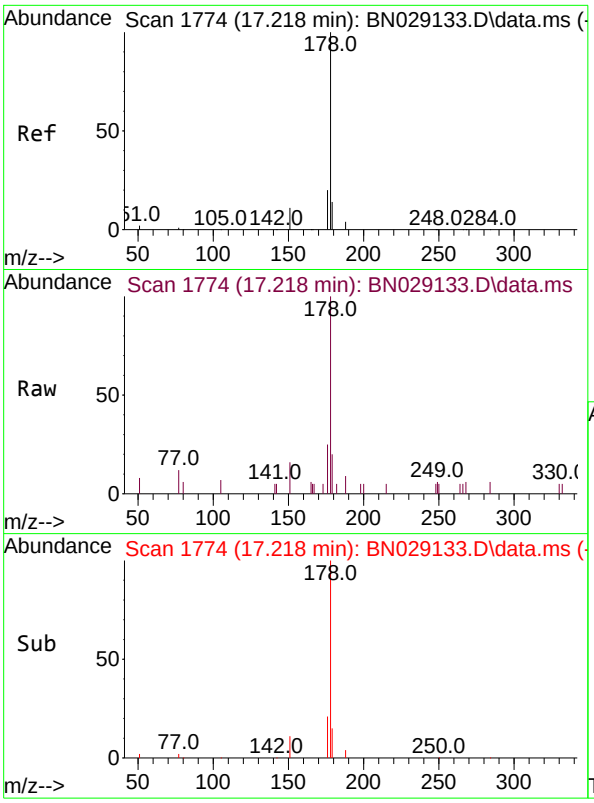


#24
Pentachlorophenol
Concen: 0.394 ng
RT: 16.834 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:266 Resp: 288

Ion	Ratio	Lower	Upper
266	100		
264	56.3	45.0	67.6
268	69.4	55.5	83.3



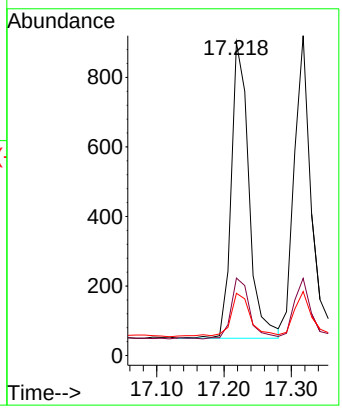


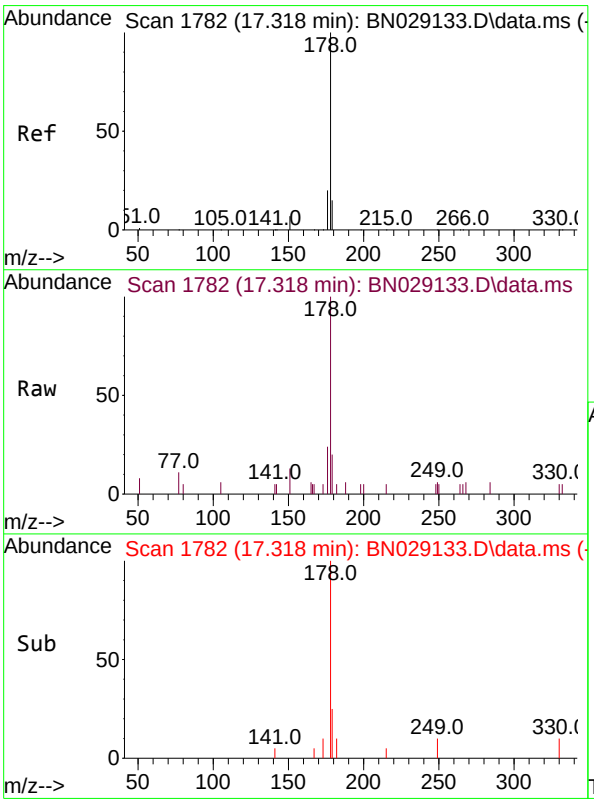
#25
Phenanthrene
Concen: 0.366 ng
RT: 17.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 1546

Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.4	26.0
179	17.1	13.7	20.5

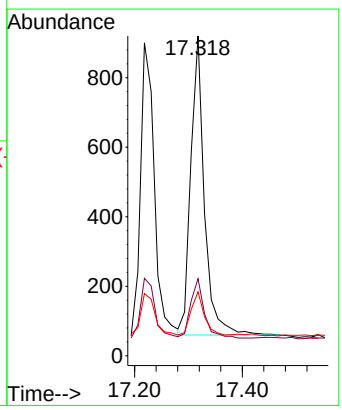


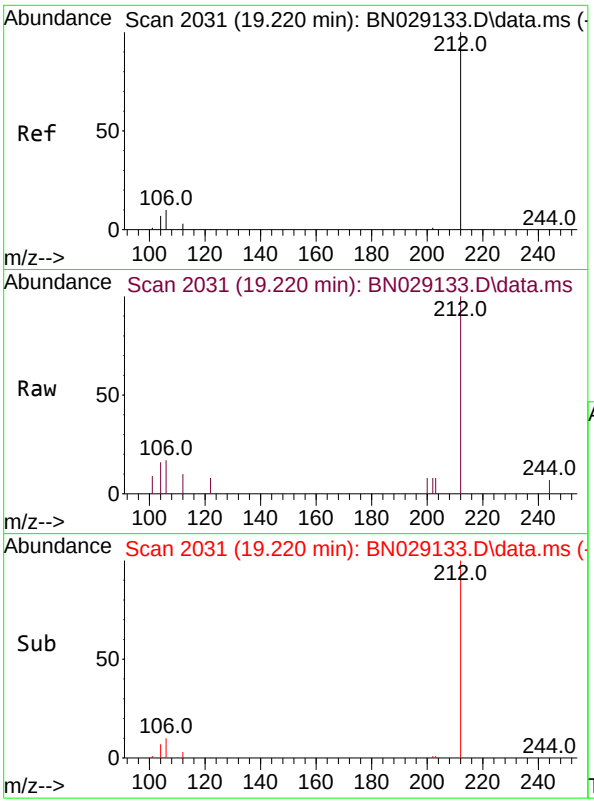


#26
Anthracene
Concen: 0.370 ng
RT: 17.318 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:178 Resp: 1511

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	14.2	11.4	17.0



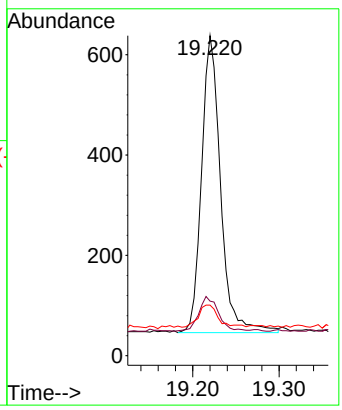


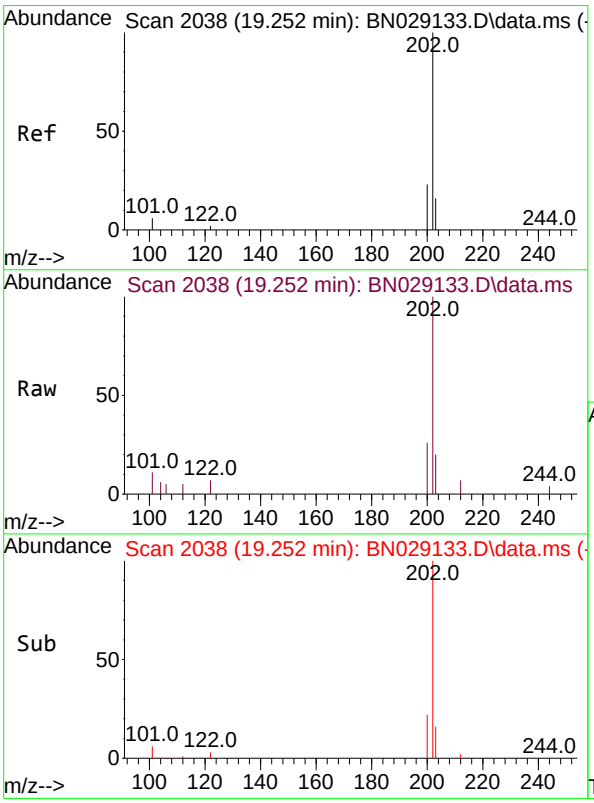
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.220 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 909

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	8.1	6.5	9.7

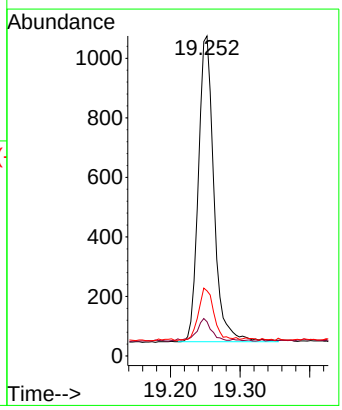


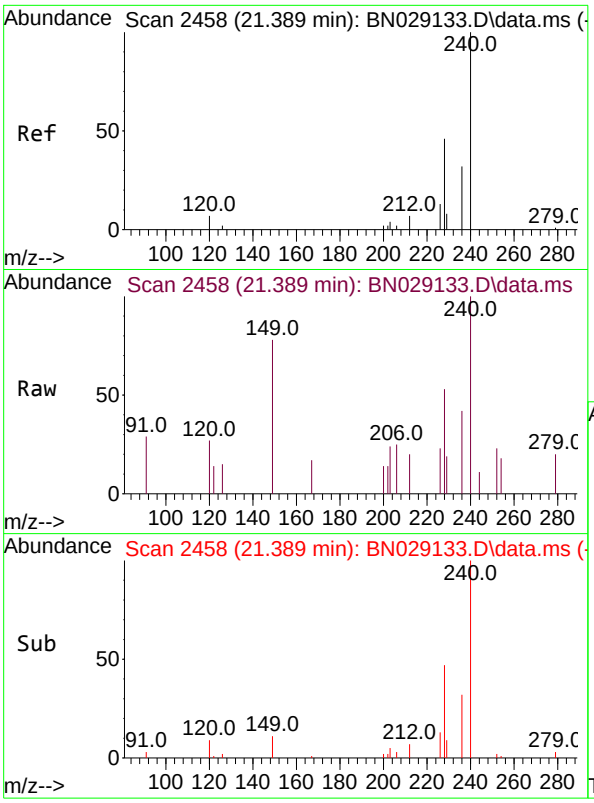


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.252 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:202 Resp: 1590

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	17.2	13.8	20.6



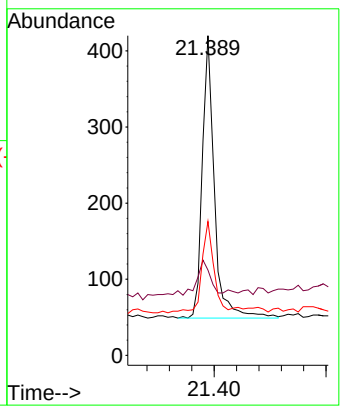


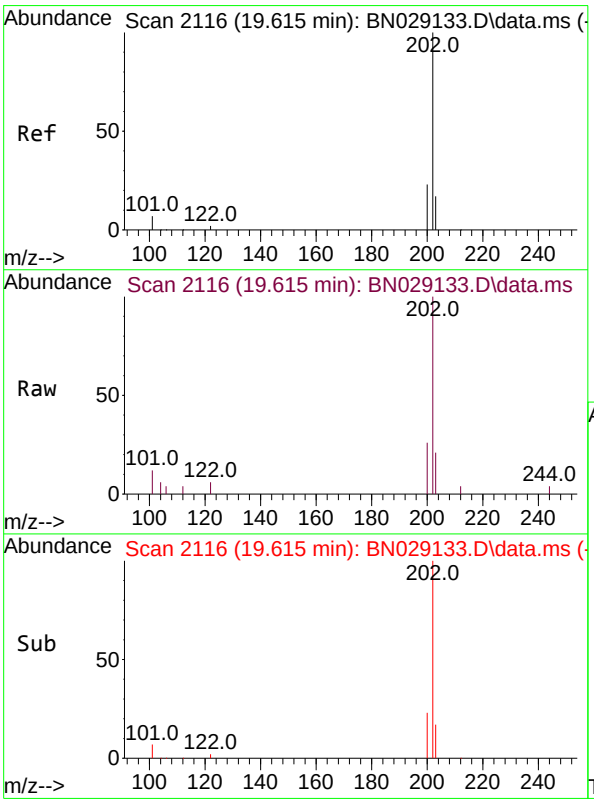
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.389 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 557

Ion	Ratio	Lower	Upper
240	100		
120	26.7	21.4	32.0
236	41.9	33.5	50.3

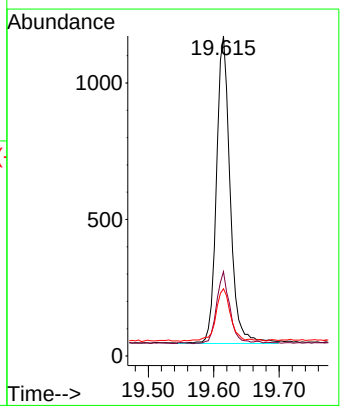


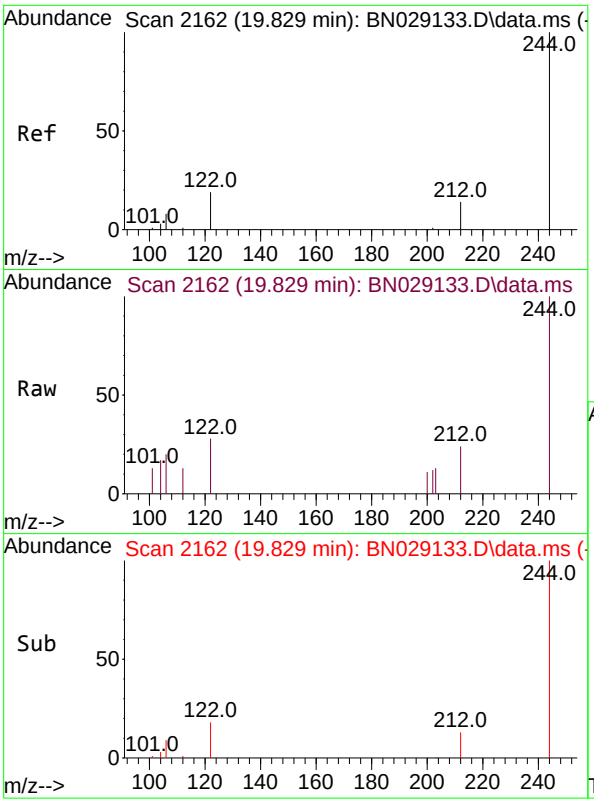


#30
Pyrene
Concen: 0.373 ng
RT: 19.615 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:202 Resp: 1637

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	18.9	15.1	22.7



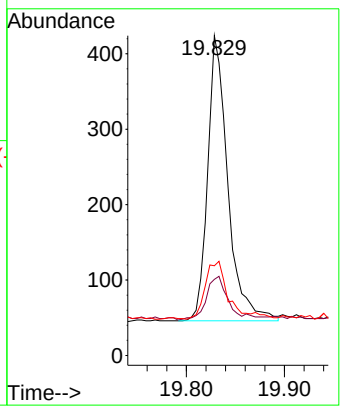


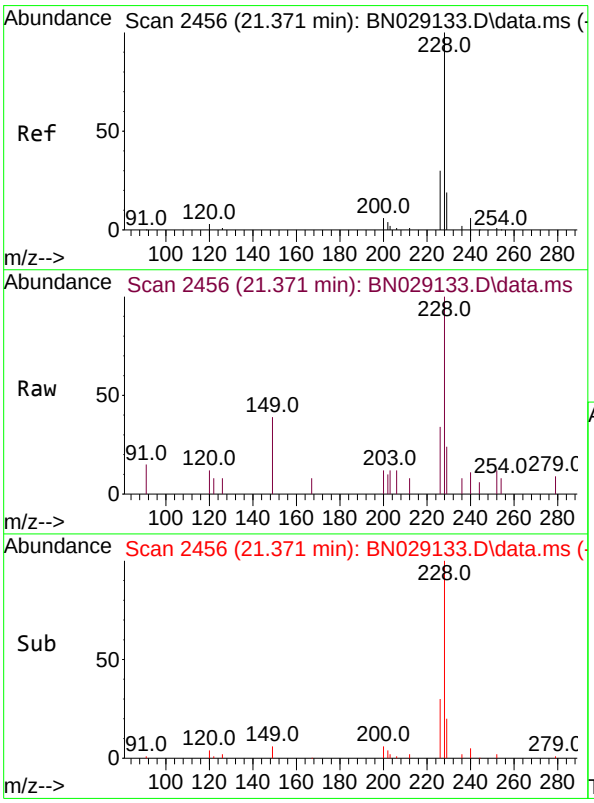
#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.829 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 540

Ion	Ratio	Lower	Upper
244	100		
212	23.8	19.0	28.6
122	28.1	22.5	33.7

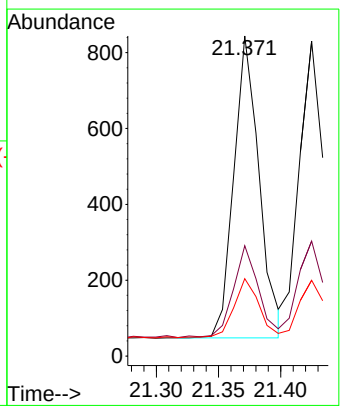


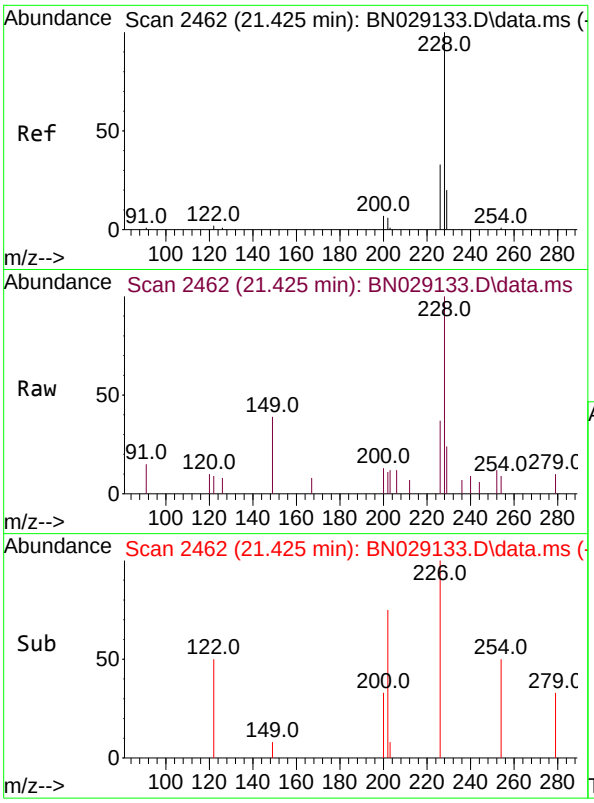


#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.371 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:228 Resp: 1123

Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.6	41.4
229	24.2	19.4	29.0



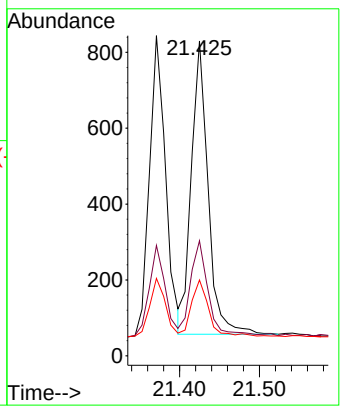


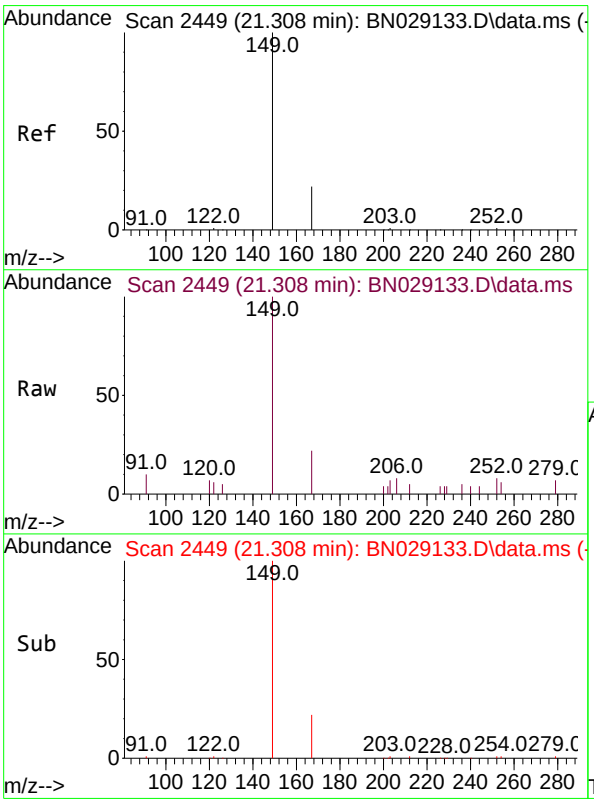
#33
Chrysene
Concen: 0.371 ng
RT: 21.425 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 1125

Ion	Ratio	Lower	Upper
228	100		
226	36.5	29.2	43.8
229	24.1	19.3	28.9

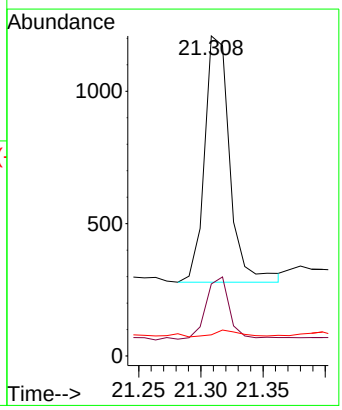


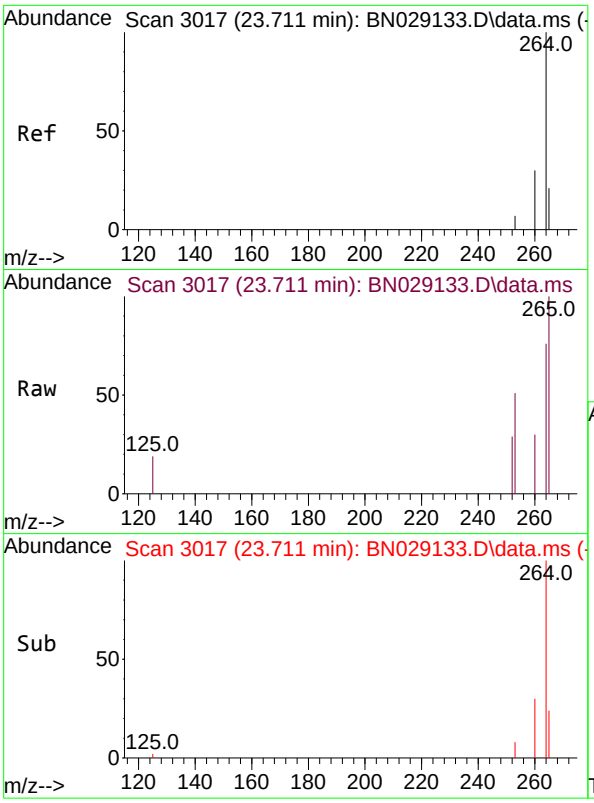


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.308 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:149 Resp: 1308

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.7	31.1
279	3.1	2.5	3.7



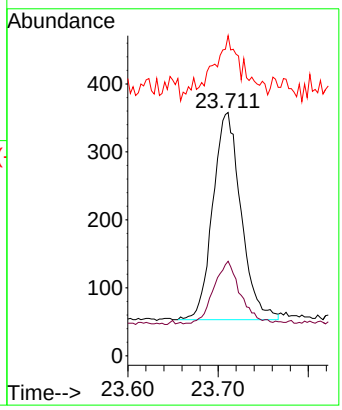


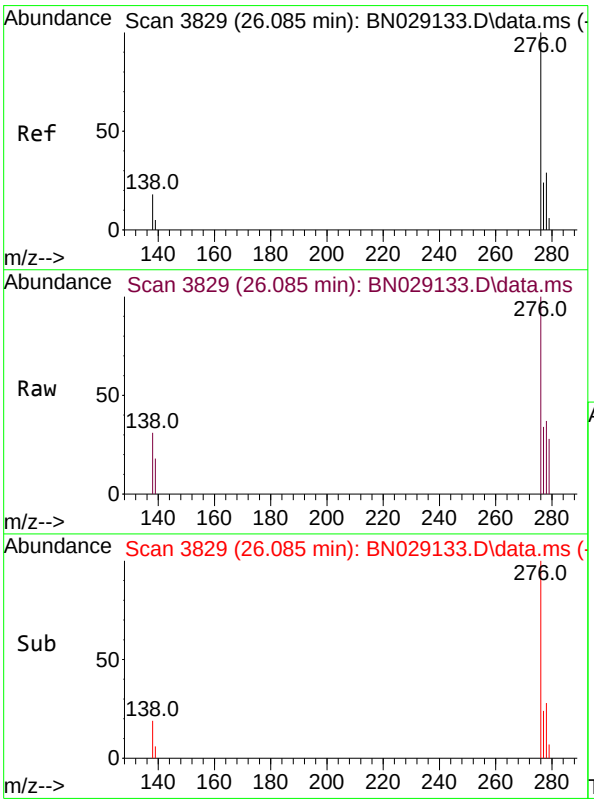
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.711 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 663

Ion	Ratio	Lower	Upper
264	100		
260	38.8	31.0	46.6
265	131.6	105.3	157.9

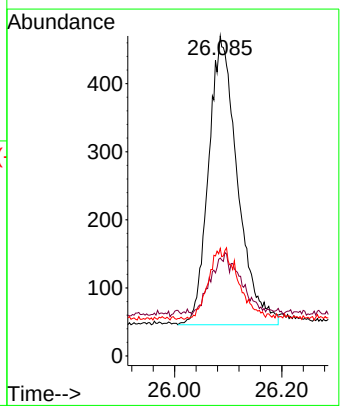


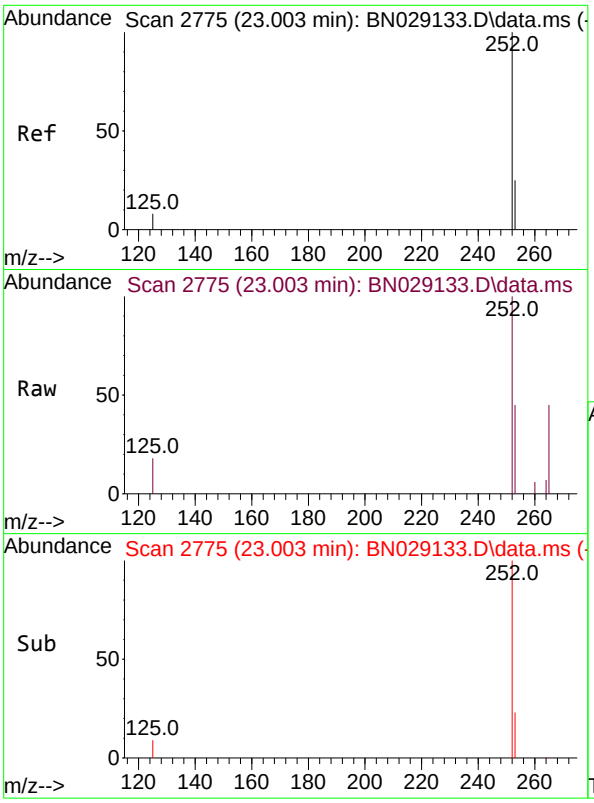


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.085 min Scan# 3829
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:276 Resp: 1592

Ion	Ratio	Lower	Upper
276	100		
138	9.7	7.8	11.6
277	11.5	9.2	13.8



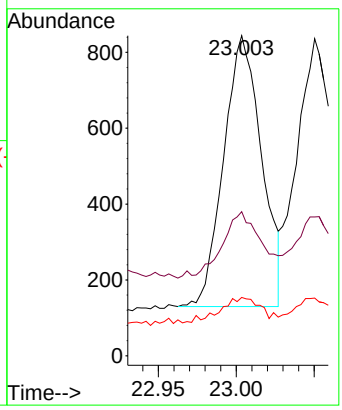


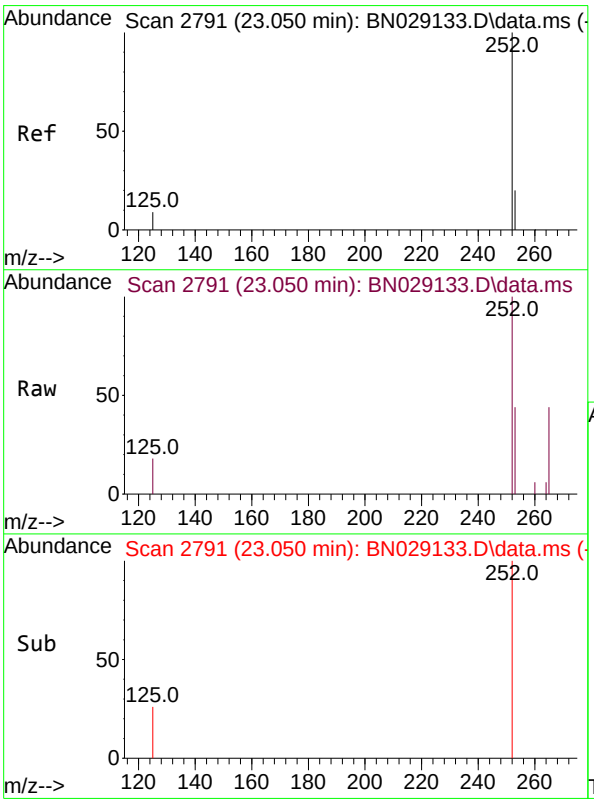
#37
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.003 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 1209

Ion	Ratio	Lower	Upper
252	100		
253	45.0	36.0	54.0
125	18.2	14.6	21.8

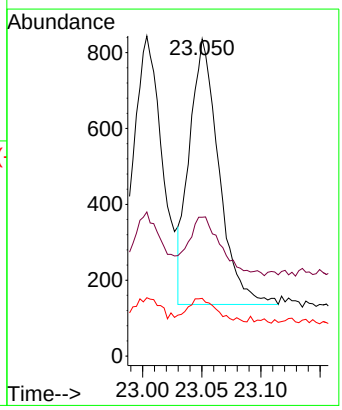


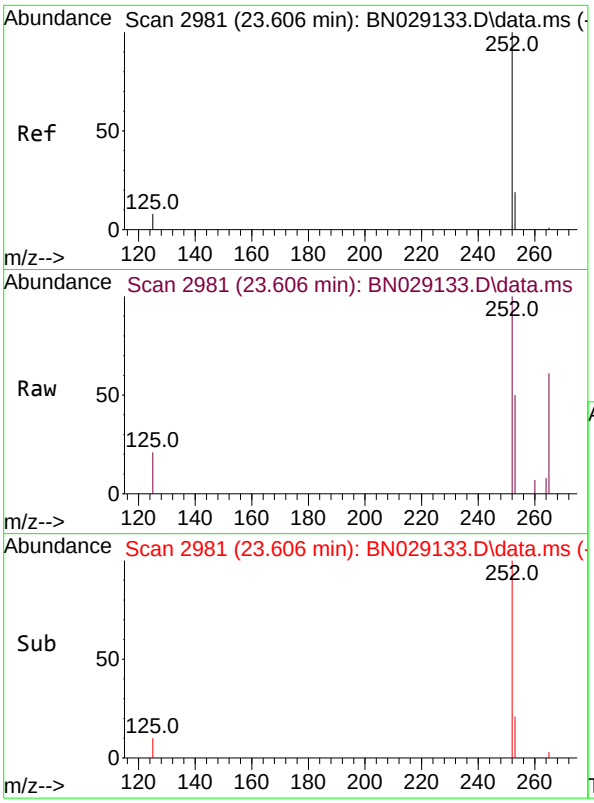


#38
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.050 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:252 Resp: 1215

Ion	Ratio	Lower	Upper
252	100		
253	43.8	35.0	52.6
125	18.2	14.6	21.8



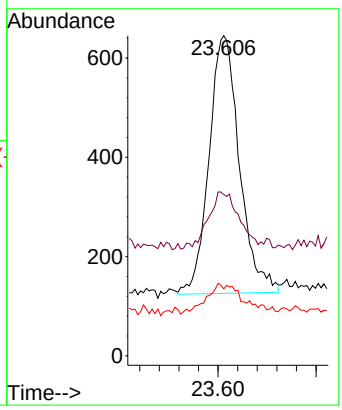


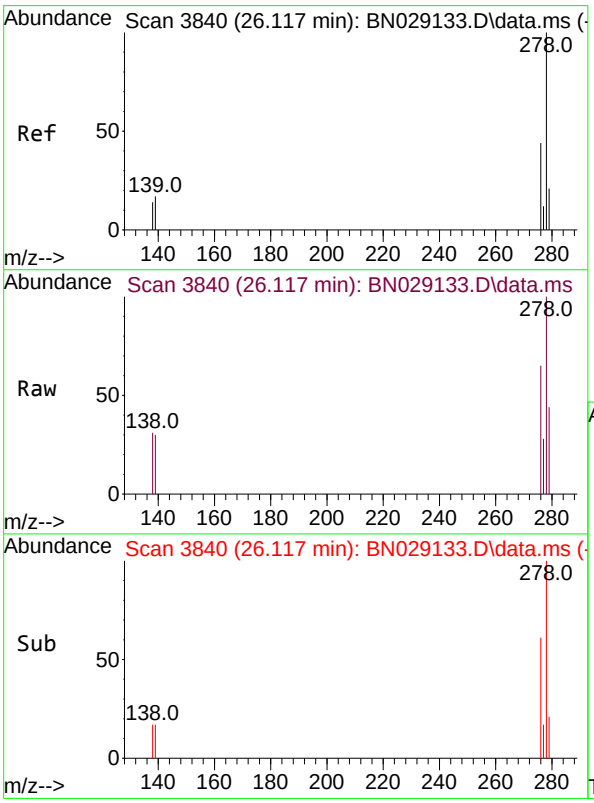
#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.606 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 1120

Ion	Ratio	Lower	Upper
252	100		
253	50.4	40.3	60.5
125	20.9	16.7	25.1

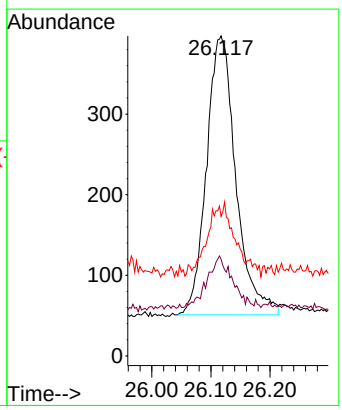


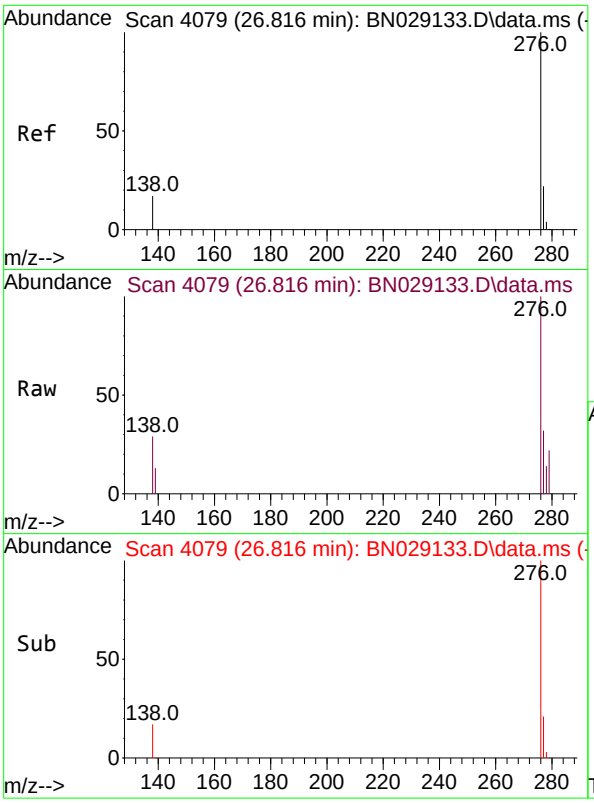


#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 26.117 min Scan# 3840
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Tgt Ion:278 Resp: 1194

Ion	Ratio	Lower	Upper
278	100		
139	30.2	24.2	36.2
279	43.6	34.9	52.3





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 26.816 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029133.D
Acq: 20 Dec 2023 14:15

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 1360

Ion	Ratio	Lower	Upper
276	100		
277	31.9	25.5	38.3
138	28.6	22.9	34.3