Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029184.D
Acq On : 22 Dec 2023 19:17
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Quant Time: Dec 23 03:52:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:51:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	1150	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	2209	0.400	ng		0.00
13) Acenaphthene-d10	14.415	164	1210	0.400	ng		-0.01
19) Phenanthrene-d10	17.181	188	1934	0.400	ng		0.00
29) Chrysene-d12	21.384	240	846	0.400	ng		0.00
35) Perylene-d12	23.709	264	1053	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	906	0.345	ng		0.00
5) Phenol-d6	6.988	99	981	0.333	ng		0.00
8) Nitrobenzene-d5	8.961	82	860	0.313	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1241	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	276	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	2186	0.319	ng		0.00
27) Fluoranthene-d10	19.220	212	1264	0.313	ng		0.00
31) Terphenyl-d14	19.833	244	720	0.292	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	366	0.360	ng	#	85
3) n-Nitrosodimethylamine	3.687	42	206	0.270	ng	#	78
6) bis(2-Chloroethyl)ether	7.233	93	690	0.334	ng		95
9) Naphthalene	10.616	128	2304	0.338	ng		96
10) Hexachlorobutadiene	10.882	225	727	0.346	ng	#	99
12) 2-Methylnaphthalene	12.238	142	1607	0.332	ng		98
16) Acenaphthylene	14.137	152	2547	0.318	ng		98
17) Acenaphthene	14.479	154	1615	0.329	ng		99
18) Fluorene	15.473	166	2279	0.330	ng		100
20) 4,6-Dinitro-2-methylph...	15.580	198	181	0.387	ng		88
21) 4-Bromophenyl-phenylether	16.374	248	600	0.330	ng		92
22) Hexachlorobenzene	16.461	284	748	0.348	ng		98
23) Atrazine	16.672	200	538	0.325	ng		95
24) Pentachlorophenol	16.833	266	386	0.310	ng		99
25) Phenanthrene	17.218	178	2732	0.323	ng		99
26) Anthracene	17.317	178	2644	0.325	ng		97
28) Fluoranthene	19.252	202	2378	0.313	ng	#	99
30) Pyrene	19.615	202	2391	0.300	ng		99
32) Benzo(a)anthracene	21.366	228	1538	0.320	ng		99
33) Chrysene	21.420	228	1561	0.334	ng		95
34) Bis(2-ethylhexyl)phtha...	21.313	149	1788	0.292	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.086	276	2333	0.328	ng	#	96
37) Benzo(b)fluoranthene	23.005	252	1848	0.334	ng		95
38) Benzo(k)fluoranthene	23.052	252	1877	0.328	ng		95
39) Benzo(a)pyrene	23.610	252	1619	0.321	ng		92
40) Dibenzo(a,h)anthracene	26.118	278	1770	0.329	ng	#	87
41) Benzo(g,h,i)perylene	26.811	276	2012	0.333	ng		97

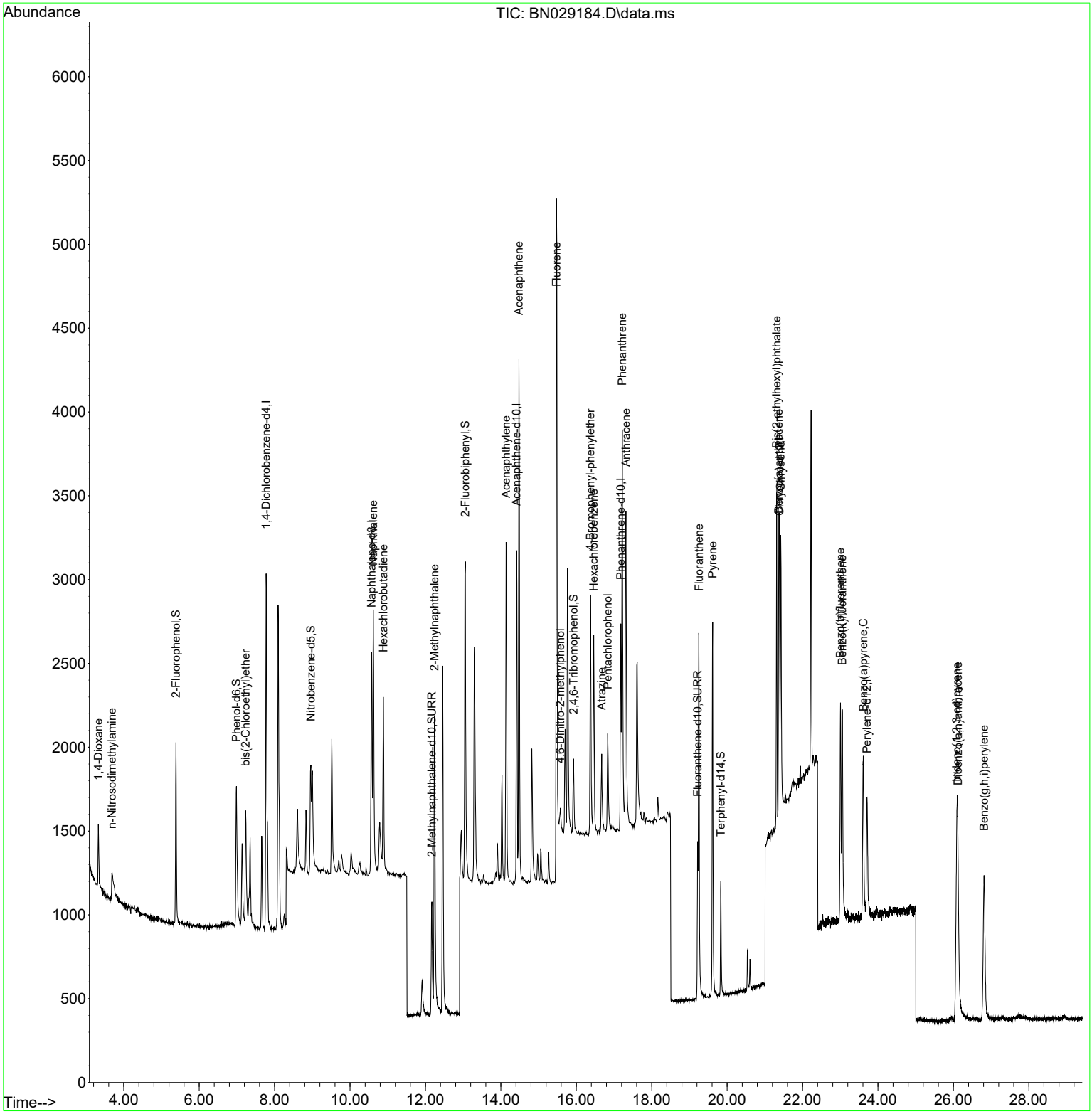
(#) = qualifier out of range (m) = manual integration (+) = signals summed

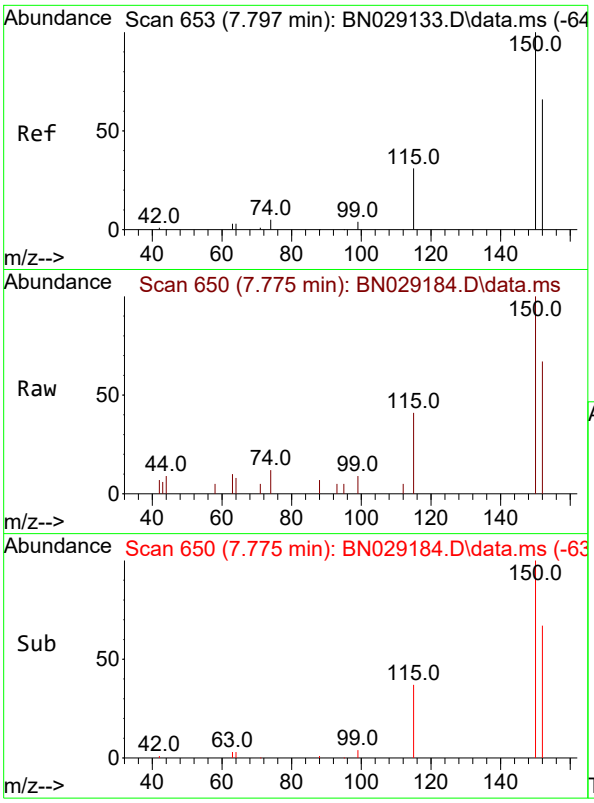
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029184.D
Acq On : 22 Dec 2023 19:17
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Quant Time: Dec 23 03:52:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:51:02 2023
Response via : Initial Calibration



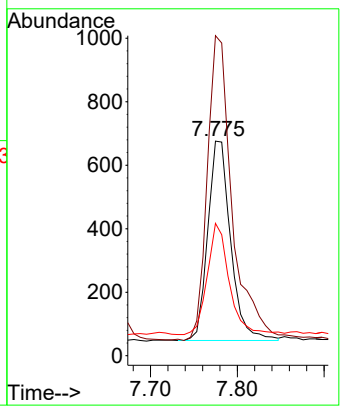


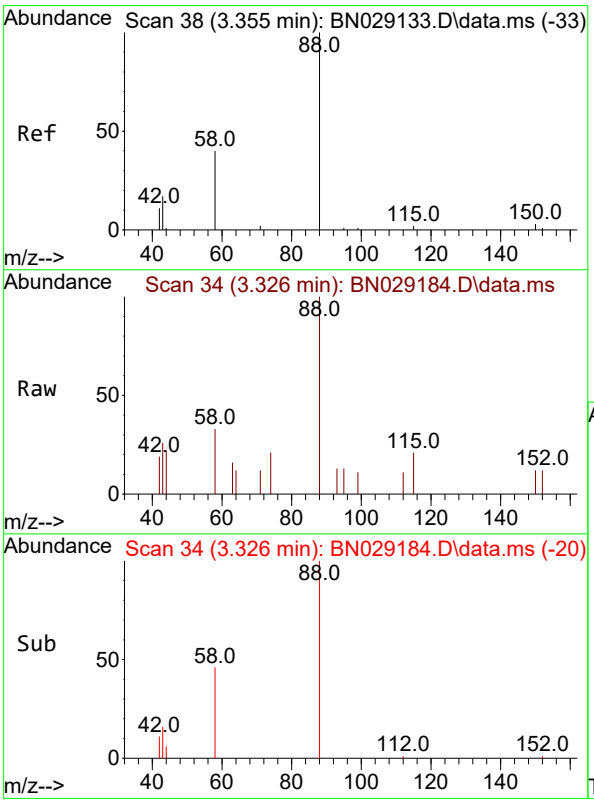
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:152 Resp: 1150

Ion	Ratio	Lower	Upper
152	100		
150	149.1	117.5	176.3
115	61.7	46.3	69.5

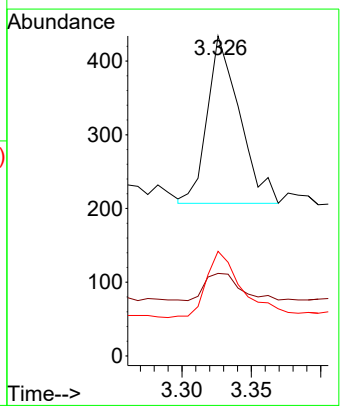


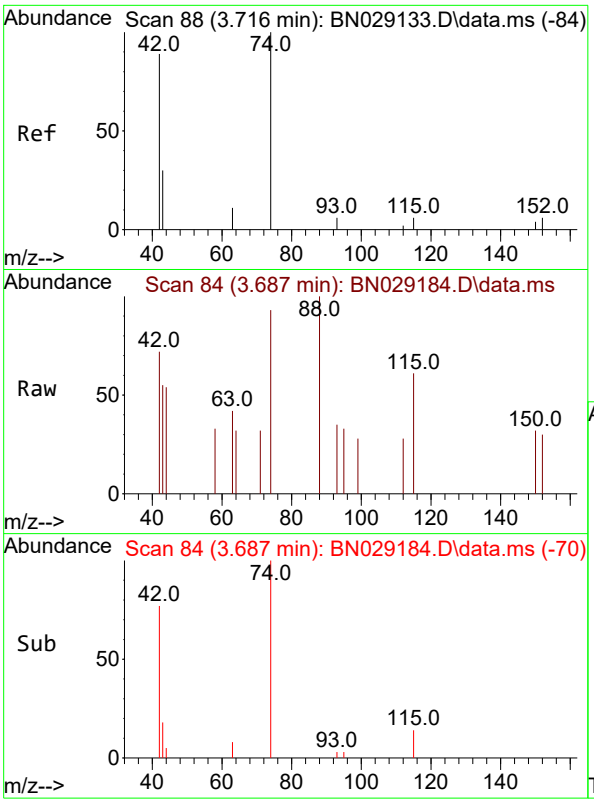


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion: 88 Resp: 366

Ion	Ratio	Lower	Upper
88	100		
43	17.2	19.1	28.7#
58	44.5	28.2	42.4#



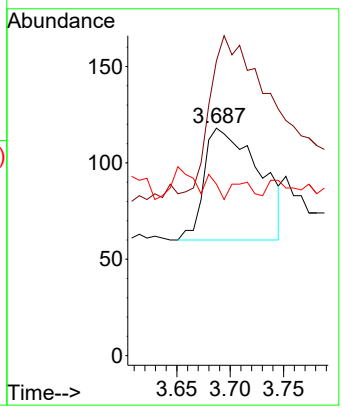


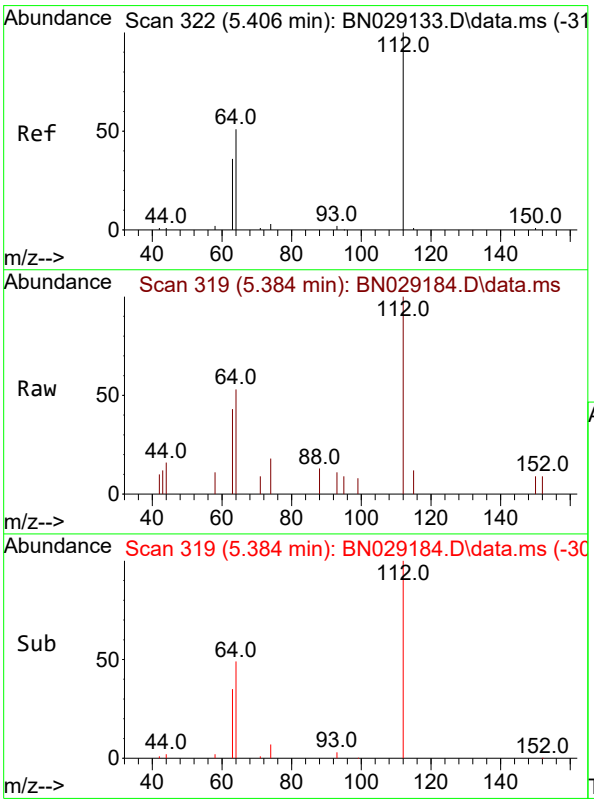
#3
n-Nitrosodimethylamine
Concen: 0.270 ng
RT: 3.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion: 42 Resp: 206

Ion	Ratio	Lower	Upper
42	100		
74	143.2	95.1	142.7#
44	0.0	7.6	11.4#

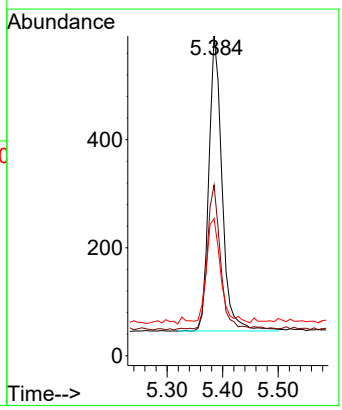


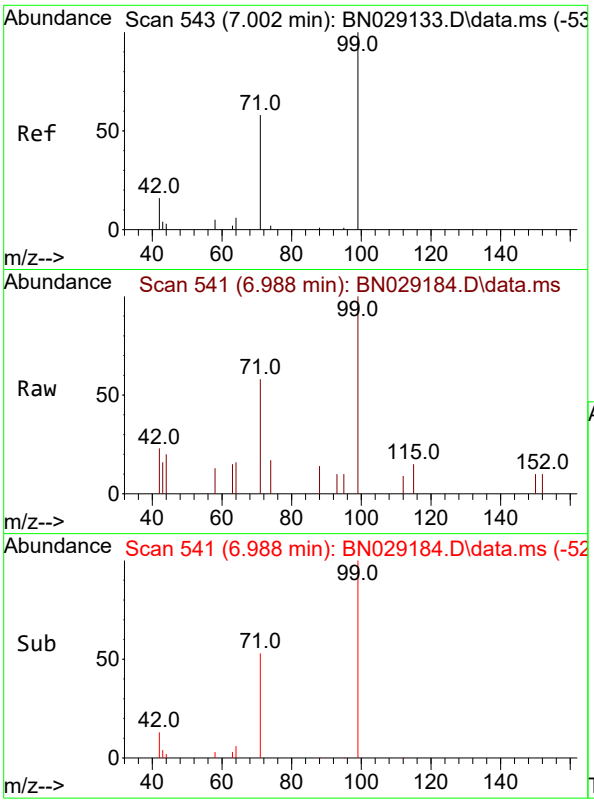


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:112 Resp: 906

Ion	Ratio	Lower	Upper
112	100		
64	47.4	37.8	56.6
63	37.7	29.4	44.0



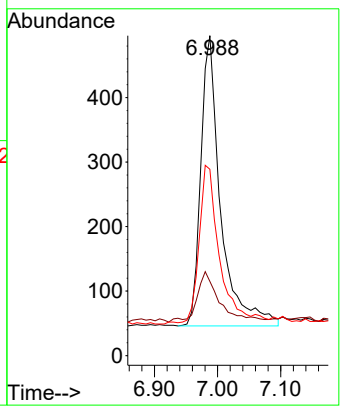


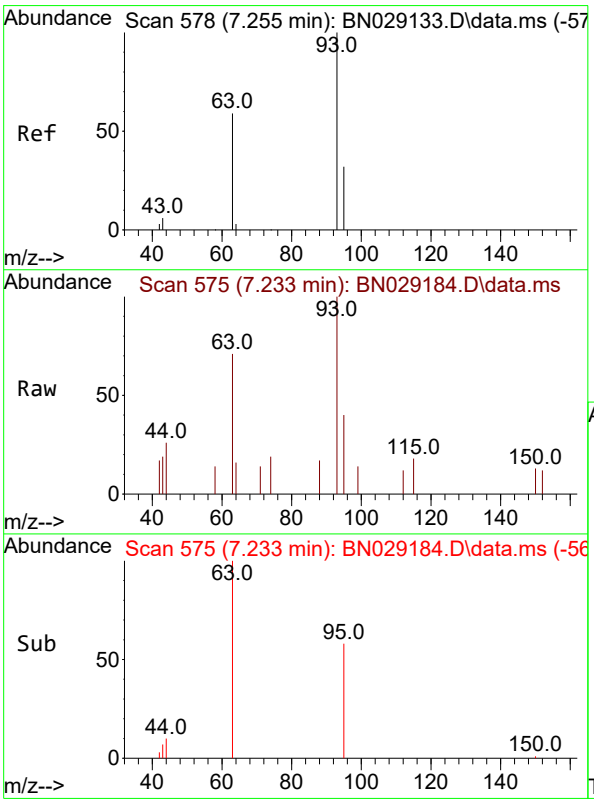
#5
Phenol-d6
Concen: 0.333 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion: 99 Resp: 981

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.8	25.2
71	57.3	43.4	65.2

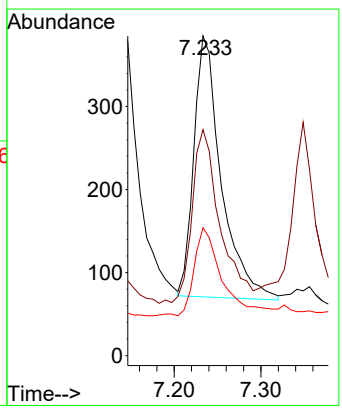


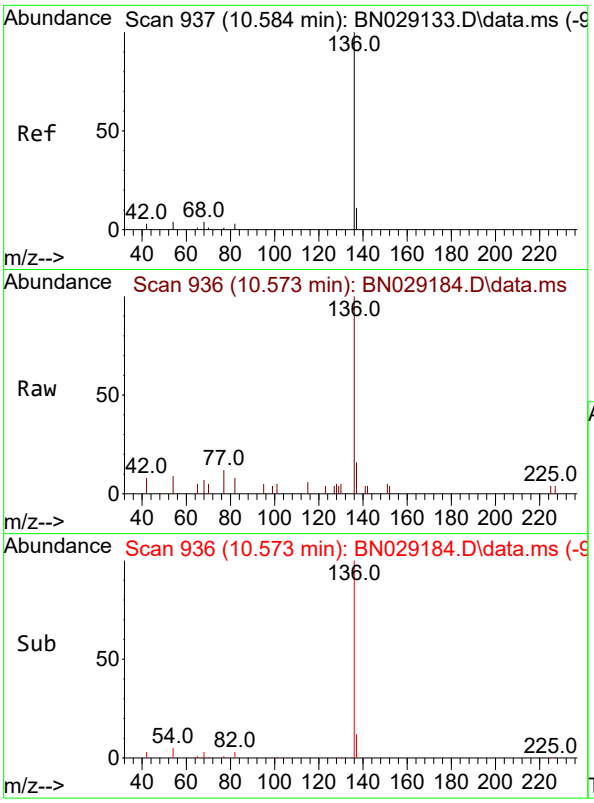


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.233 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion: 93 Resp: 690

Ion	Ratio	Lower	Upper
93	100		
63	68.0	58.4	87.6
95	34.5	29.2	43.8



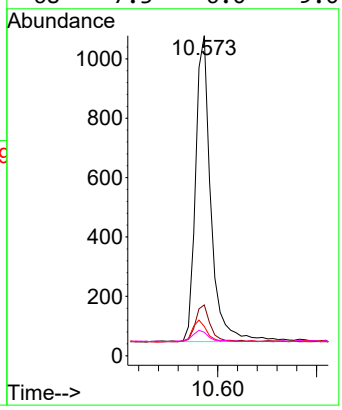


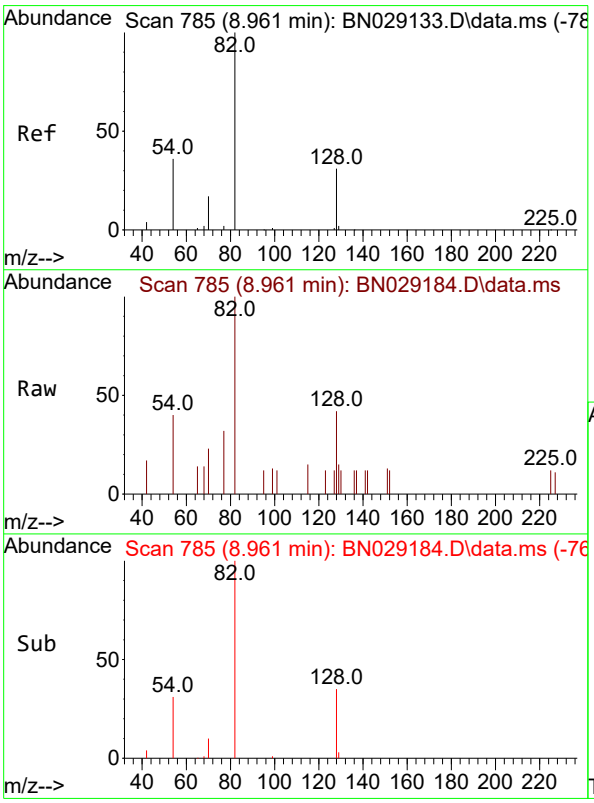
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:136 Resp: 2209

Ion	Ratio	Lower	Upper
136	100		
137	15.9	12.1	18.1
54	9.2	7.2	10.8
68	7.3	6.0	9.0

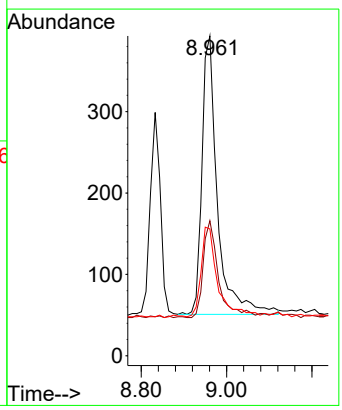


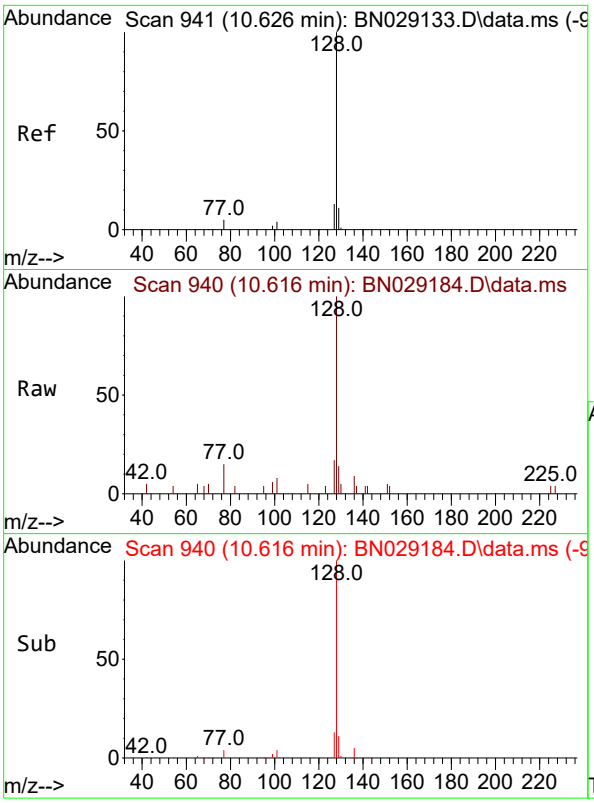


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion: 82 Resp: 860

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.5	51.7
54	39.7	33.4	50.0



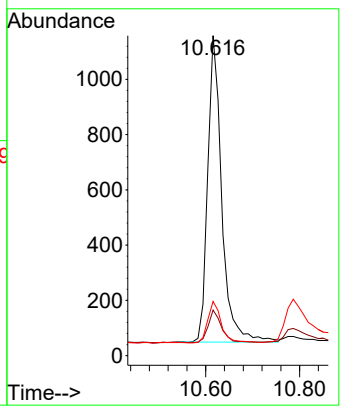


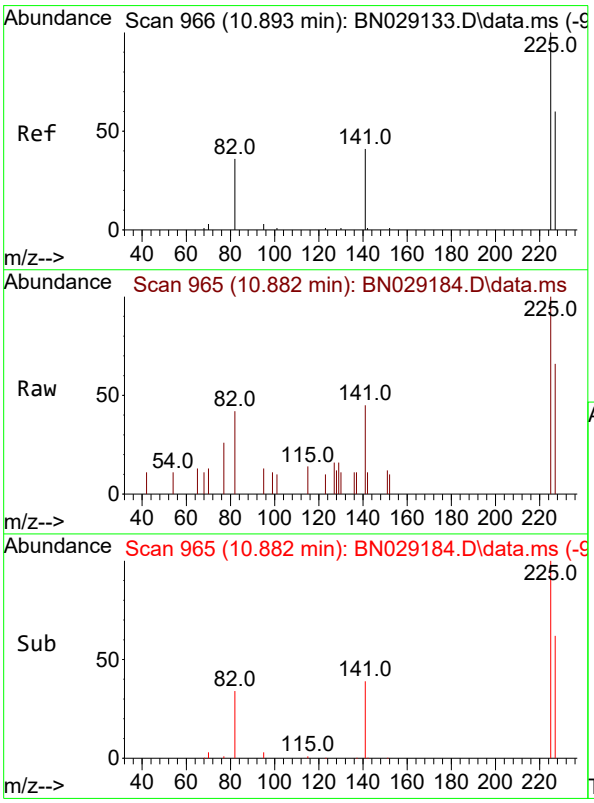
#9
Naphthalene
Concen: 0.338 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:128 Resp: 2304

Ion	Ratio	Lower	Upper
128	100		
129	14.2	13.0	19.6
127	16.9	14.4	21.6

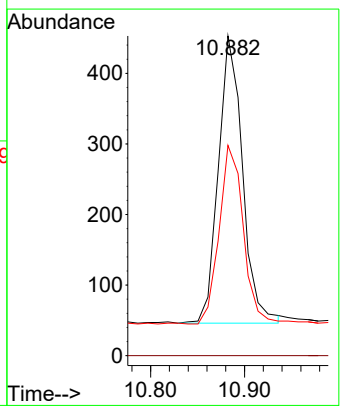


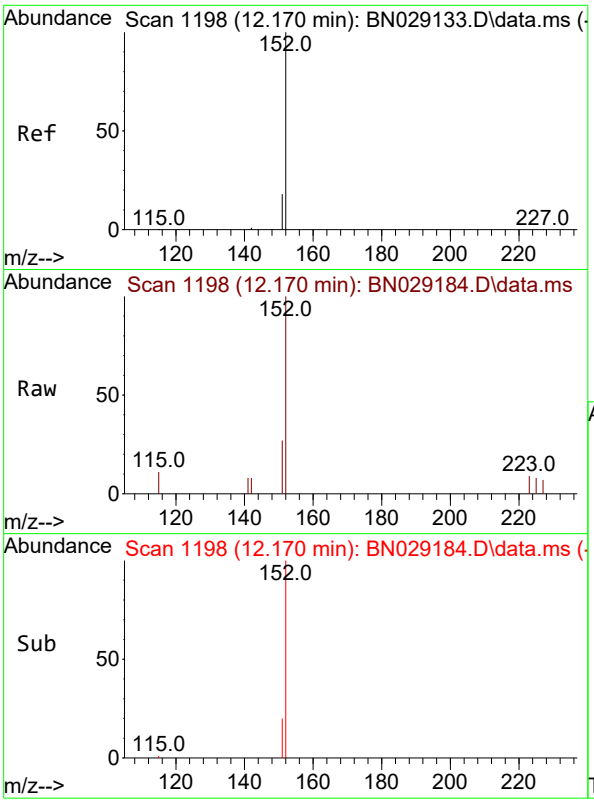


#10
Hexachlorobutadiene
Concen: 0.346 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:225 Resp: 727

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.0	50.4	75.6



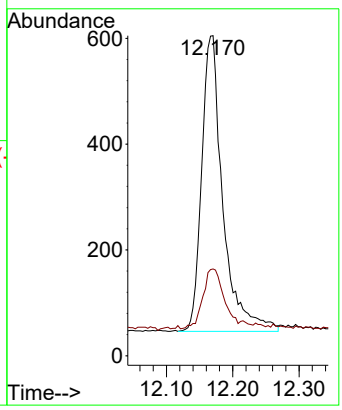


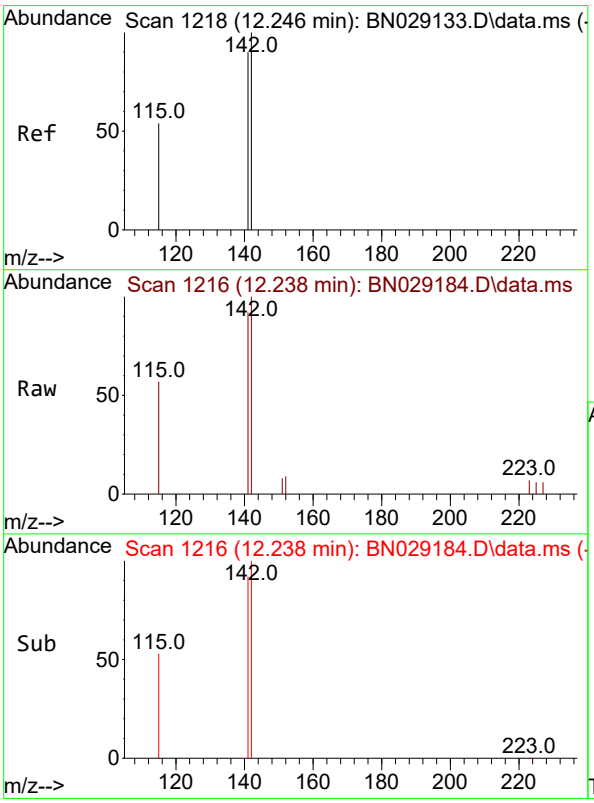
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.170 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:152 Resp: 1241

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.4	26.0

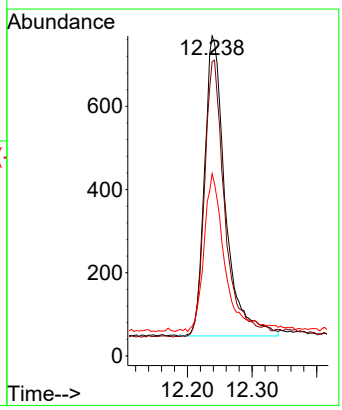


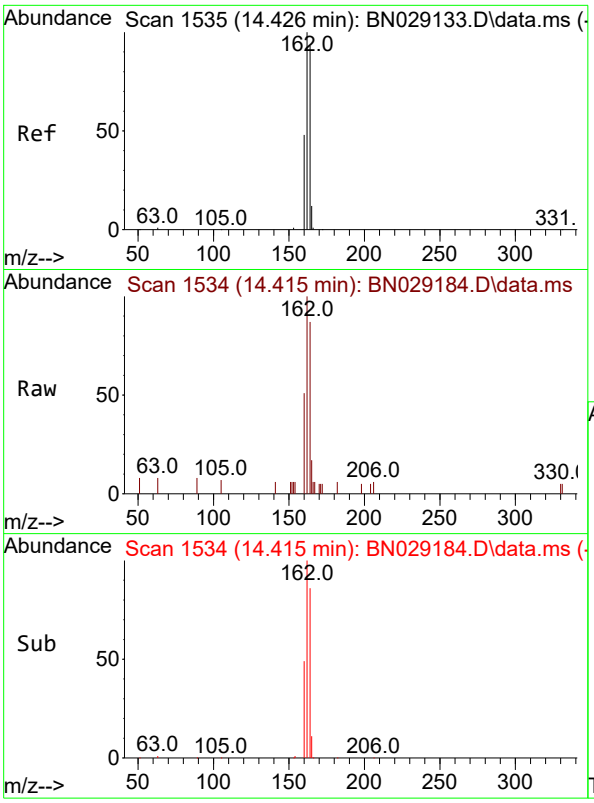


#12
2-Methylnaphthalene
Concen: 0.332 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.004 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:142 Resp: 1607

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
115	57.0	46.1	69.1



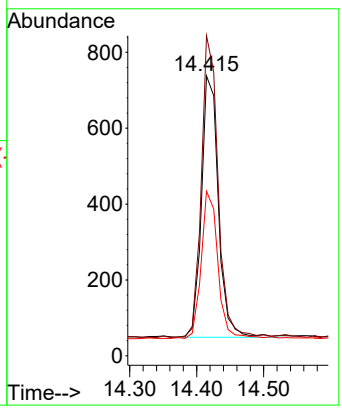


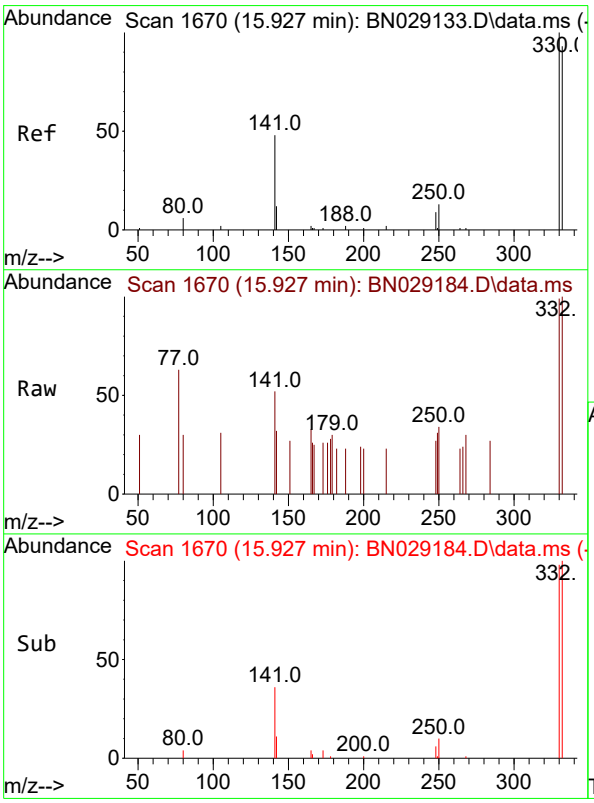
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.415 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:164 Resp: 1210

Ion	Ratio	Lower	Upper
164	100		
162	114.4	88.2	132.2
160	58.8	44.9	67.3

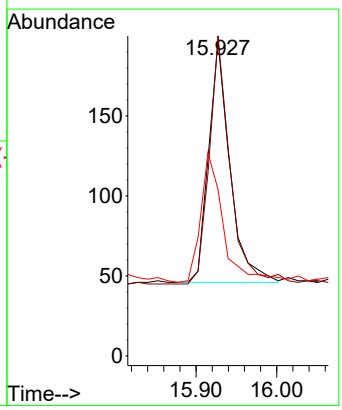


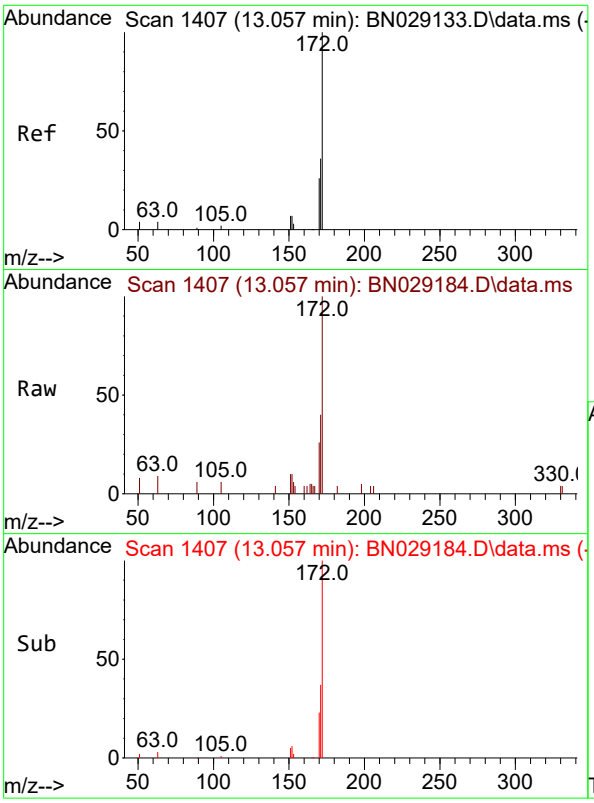


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:330 Resp: 276

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.6	116.4
141	57.2	40.2	60.2



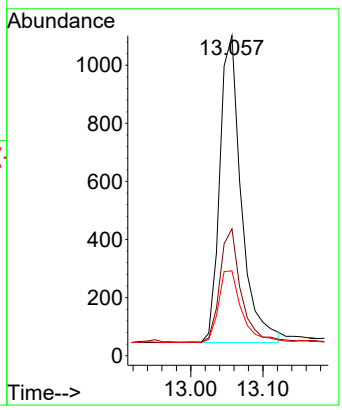


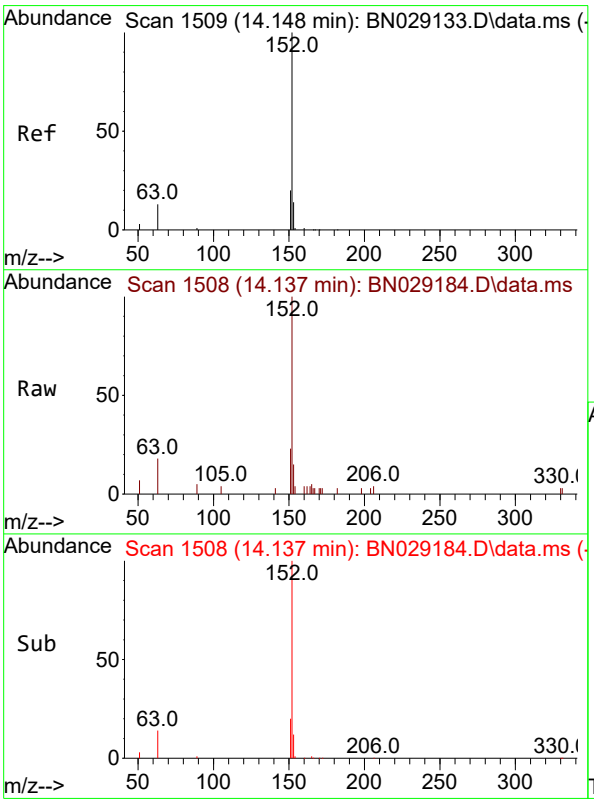
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:172 Resp: 2186

Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.4	47.0
170	26.5	22.8	34.2

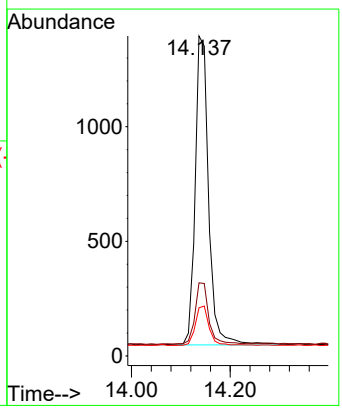


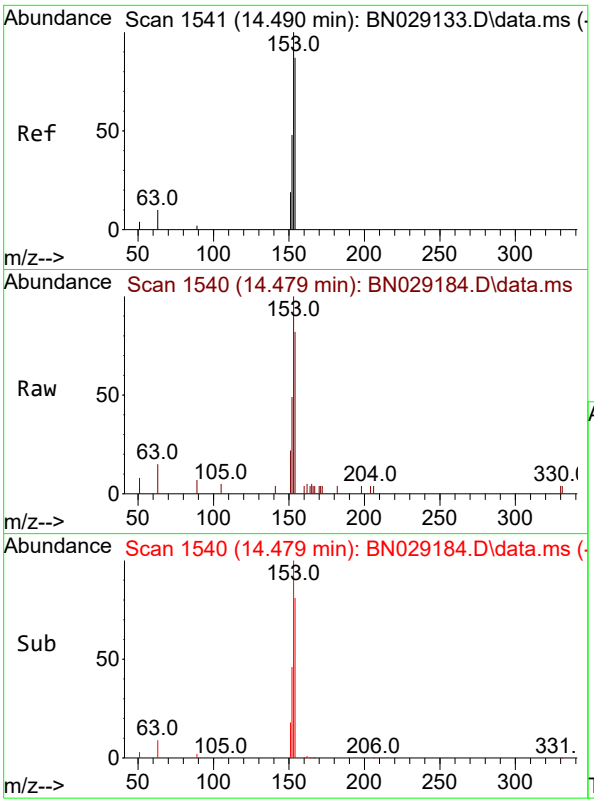


#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.137 min Scan# 1508
Delta R.T. -0.011 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:152 Resp: 2547

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.1	22.7
153	13.2	10.3	15.5



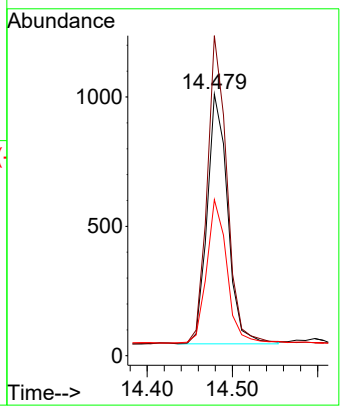


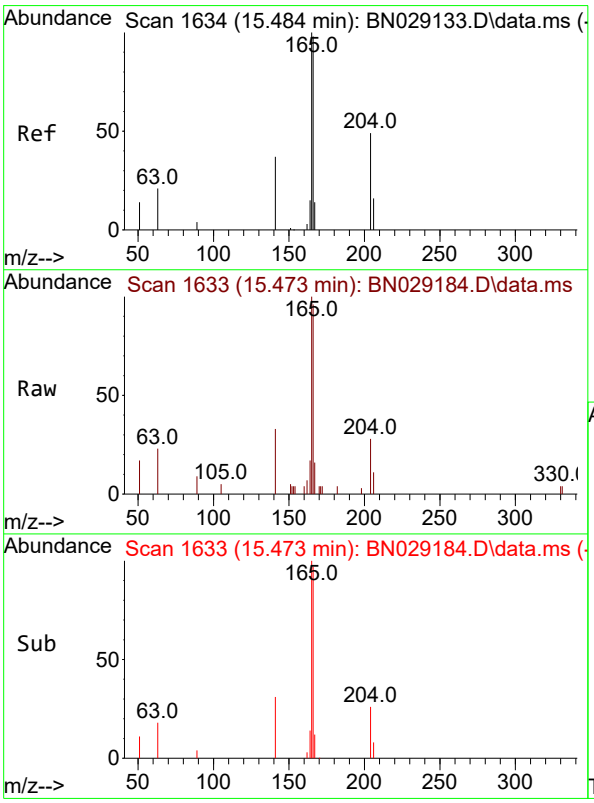
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.479 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:154 Resp: 1615

Ion	Ratio	Lower	Upper
154	100		
153	120.4	96.8	145.2
152	56.8	46.1	69.1

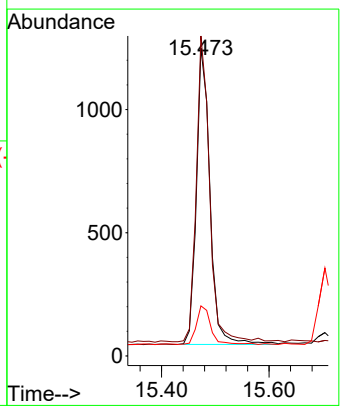


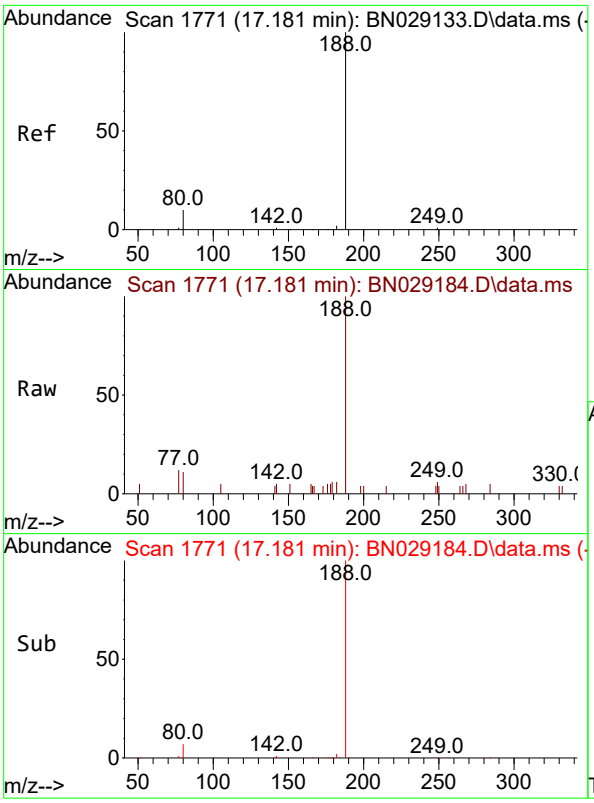


#18
Fluorene
Concen: 0.330 ng
RT: 15.473 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:166 Resp: 2279

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.0	120.0
167	13.9	10.4	15.6



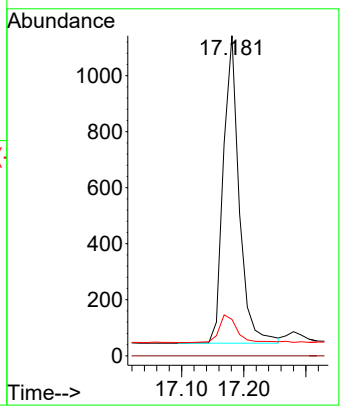


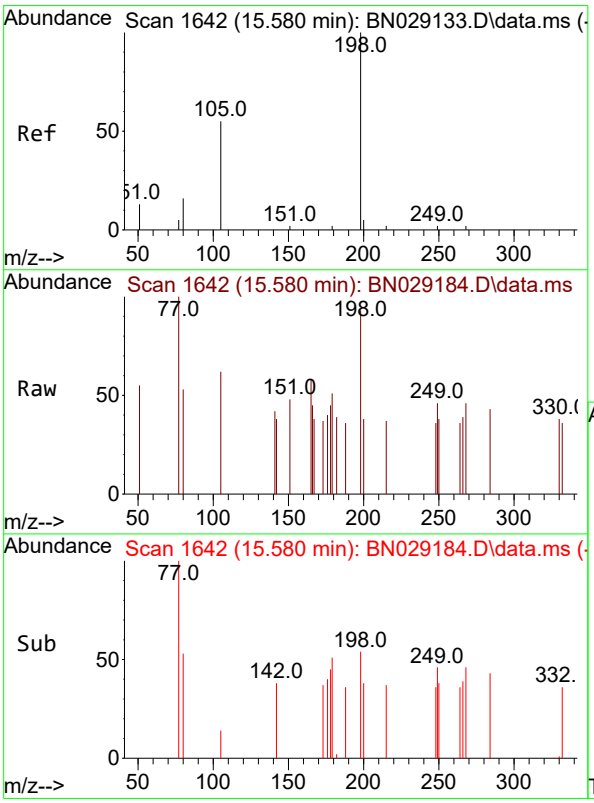
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:188 Resp: 1934

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.9	13.3

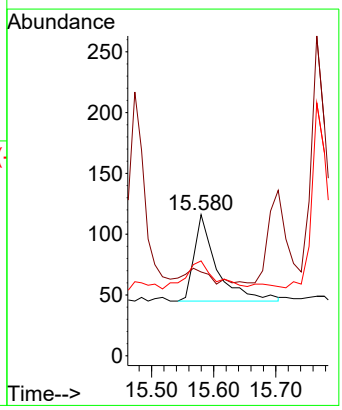


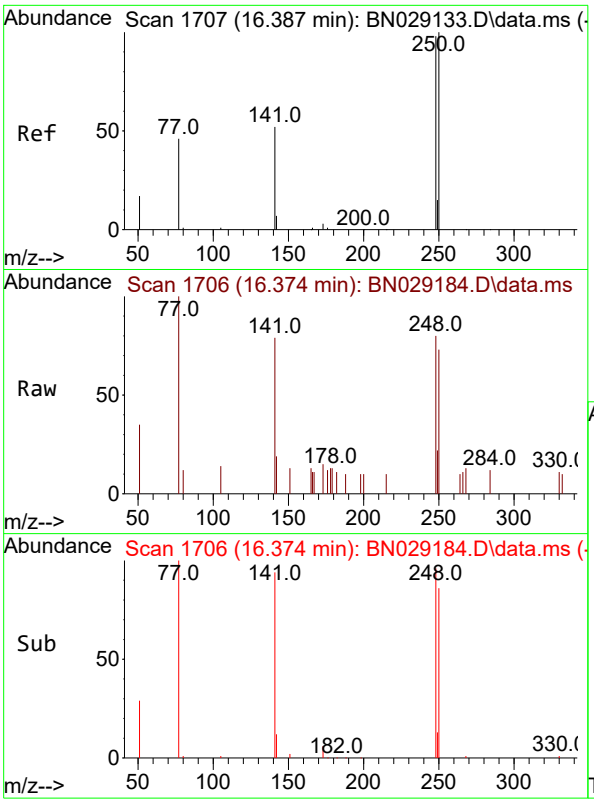


#20
4,6-Dinitro-2-methylphenol
Concen: 0.387 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:198 Resp: 181

Ion	Ratio	Lower	Upper
198	100		
51	59.5	56.0	84.0
105	67.2	61.6	92.4



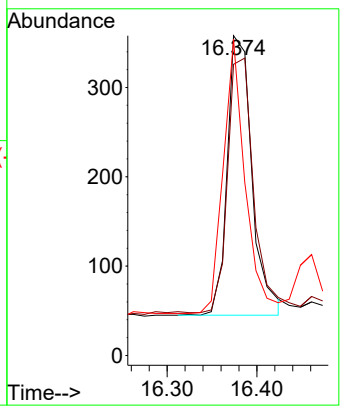


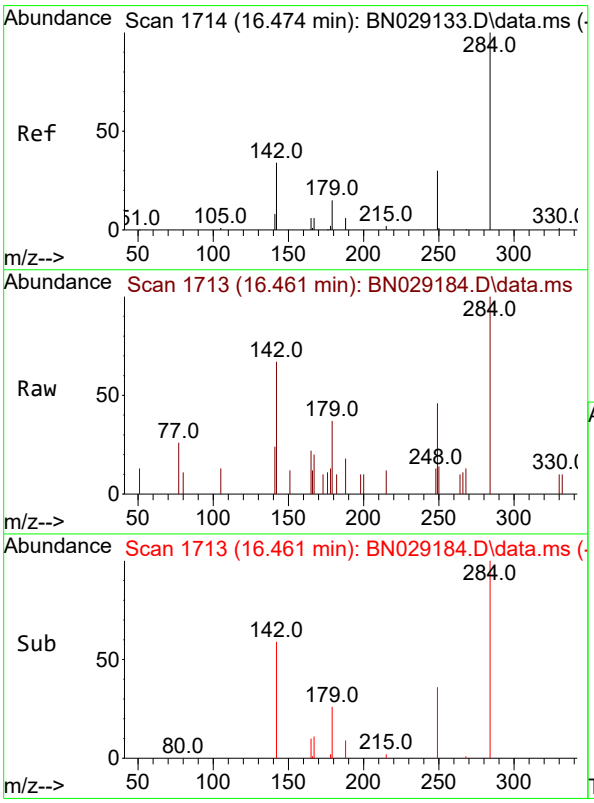
#21
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:248 Resp: 600

Ion	Ratio	Lower	Upper
248	100		
250	91.1	75.7	113.5
141	98.9	89.4	134.0

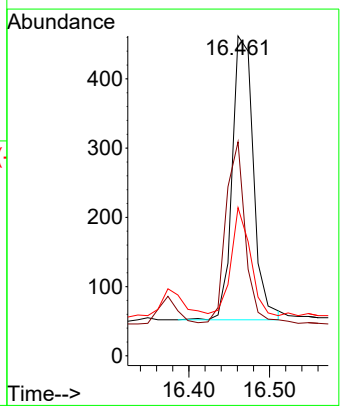


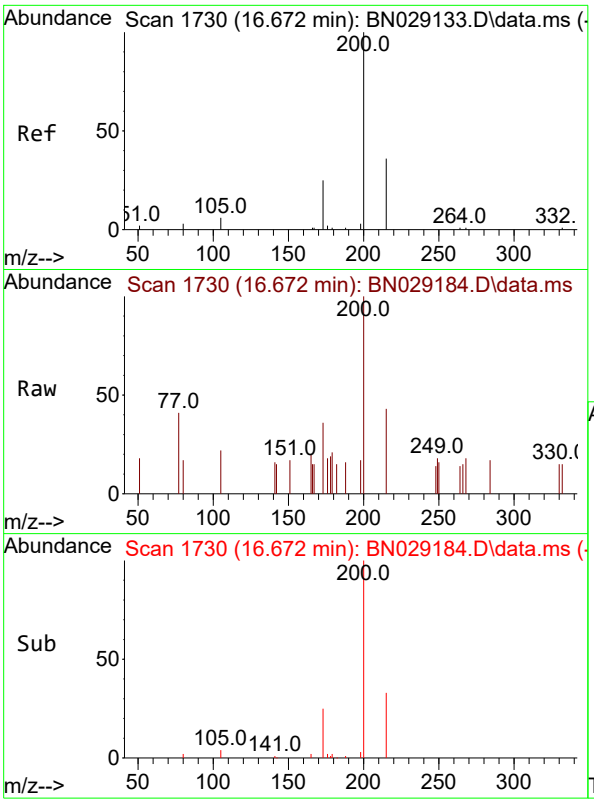


#22
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.461 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:284 Resp: 748

Ion	Ratio	Lower	Upper
284	100		
142	57.9	47.4	71.0
249	34.5	28.8	43.2



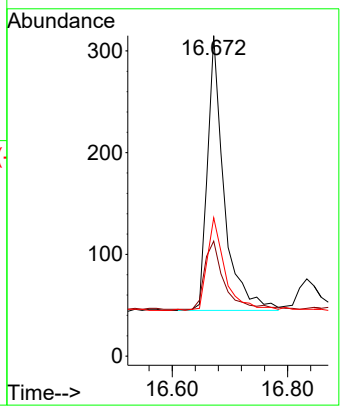


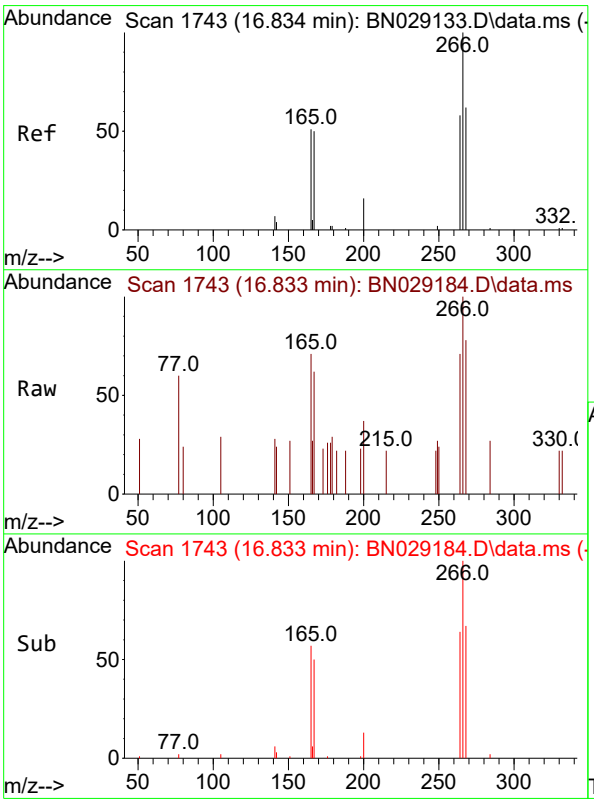
#23
Atrazine
Concen: 0.325 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:200 Resp: 538

Ion	Ratio	Lower	Upper
200	100		
173	35.9	30.5	45.7
215	43.2	37.8	56.6

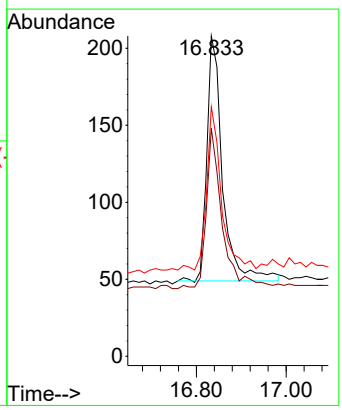


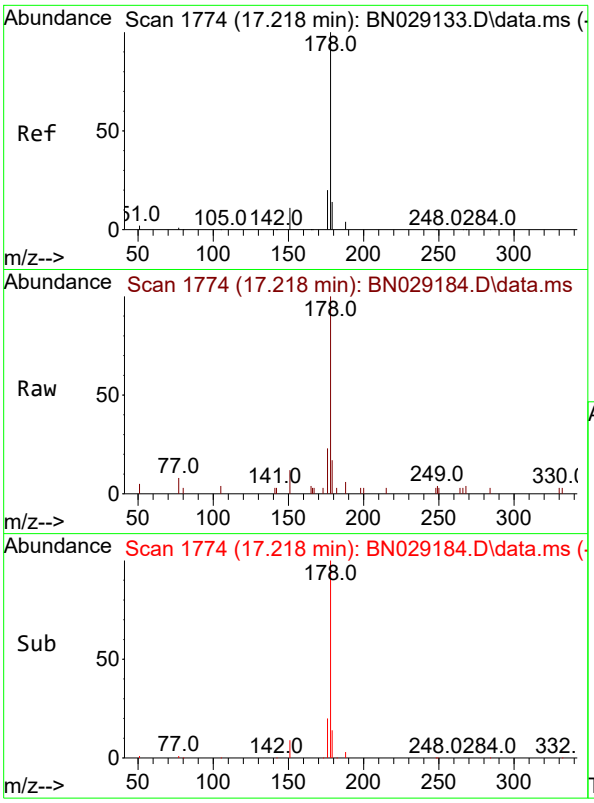


#24
Pentachlorophenol
Concen: 0.310 ng
RT: 16.833 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:266 Resp: 386

Ion	Ratio	Lower	Upper
266	100		
264	66.1	52.8	79.2
268	63.0	51.4	77.0



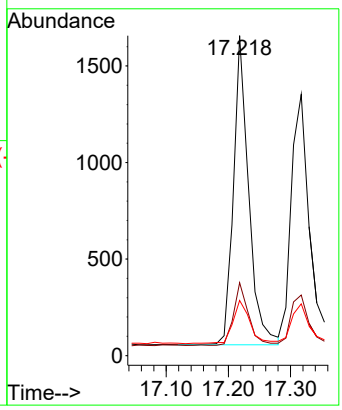


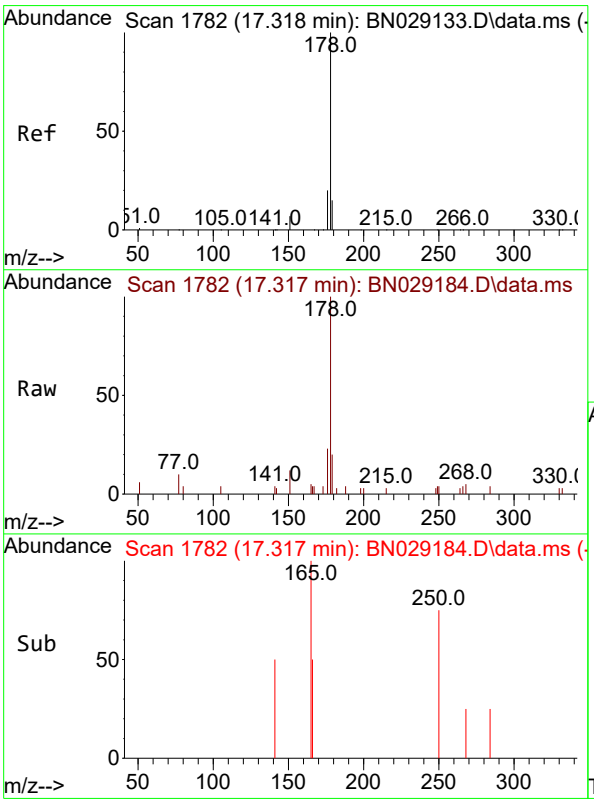
#25
Phenanthrene
Concen: 0.323 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:178 Resp: 2732

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.4	12.2	18.4

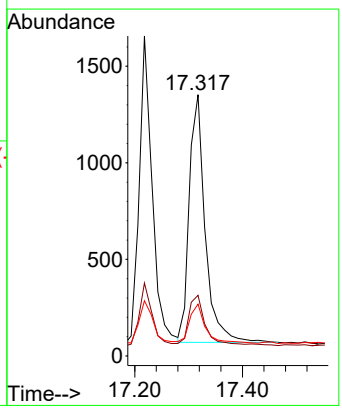


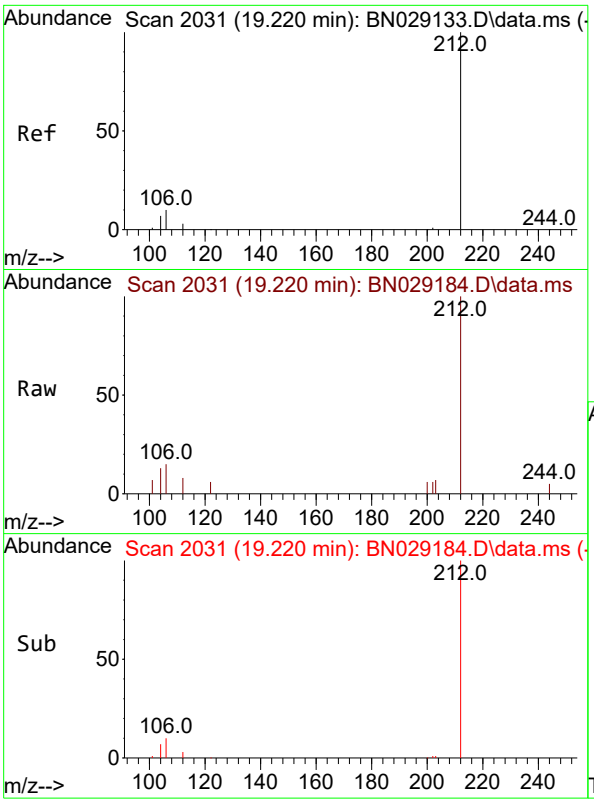


#26
Anthracene
Concen: 0.325 ng
RT: 17.317 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:178 Resp: 2644

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	15.5	11.9	17.9



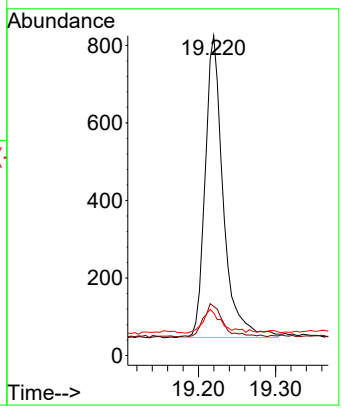


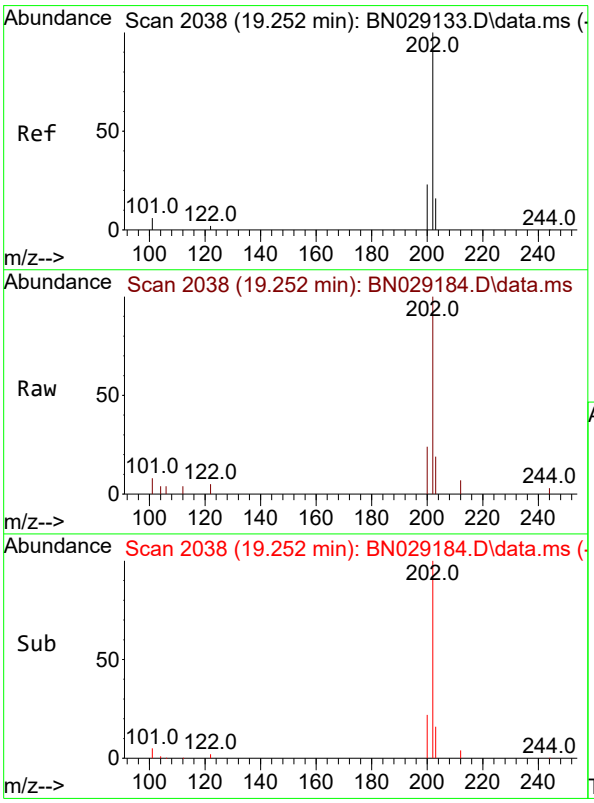
#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:212 Resp: 1264

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.6	14.4
104	8.0	5.8	8.6

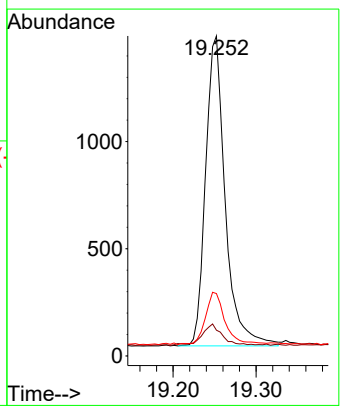


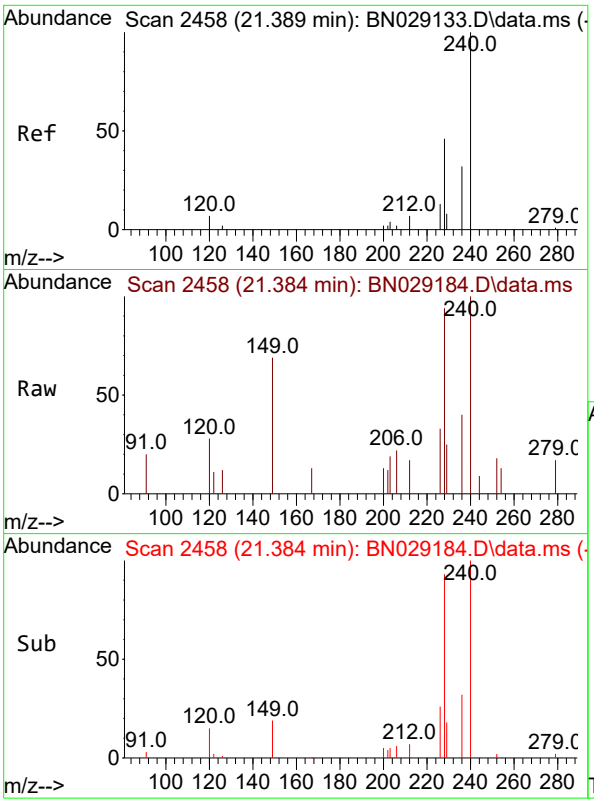


#28
Fluoranthene
Concen: 0.313 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:202 Resp: 2378

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.5	6.7#
203	16.9	13.7	20.5



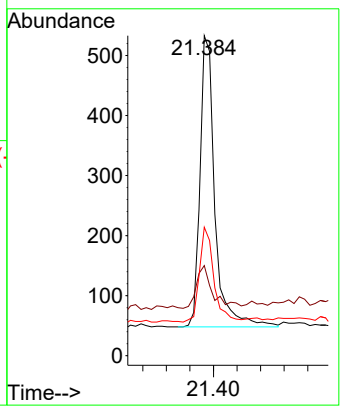


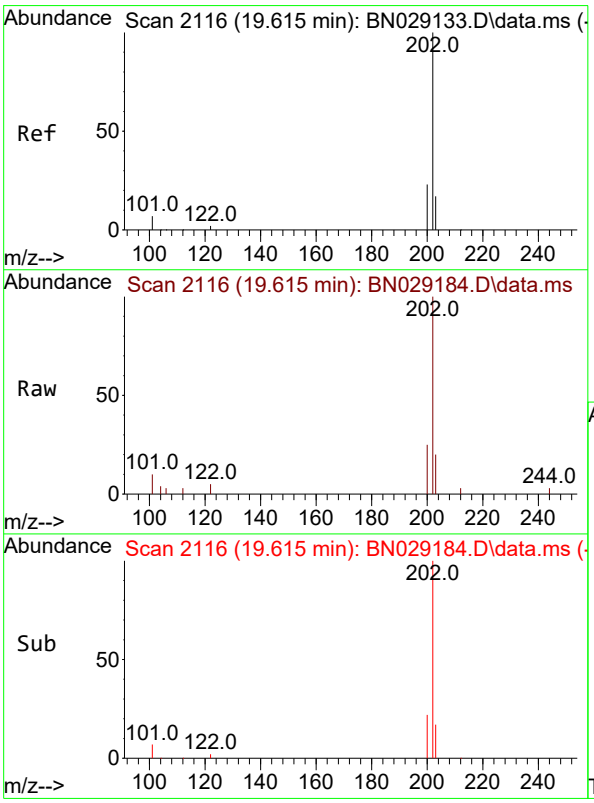
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:240 Resp: 846

Ion	Ratio	Lower	Upper
240	100		
120	28.1	23.9	35.9
236	40.2	31.3	46.9

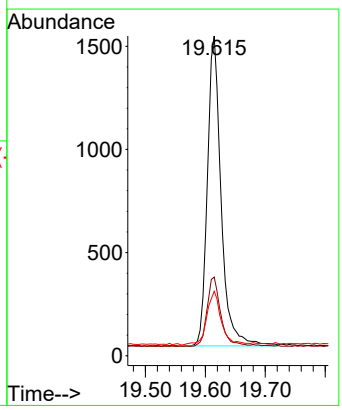


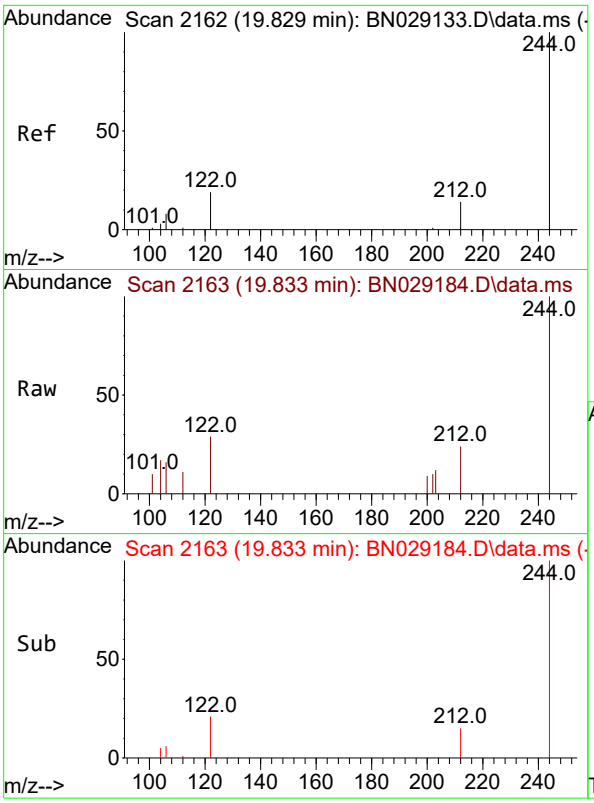


#30
Pyrene
Concen: 0.300 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:202 Resp: 2391

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.2	13.8	20.8



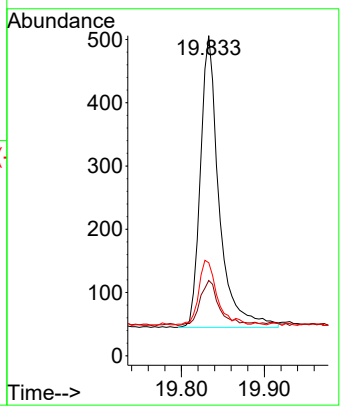


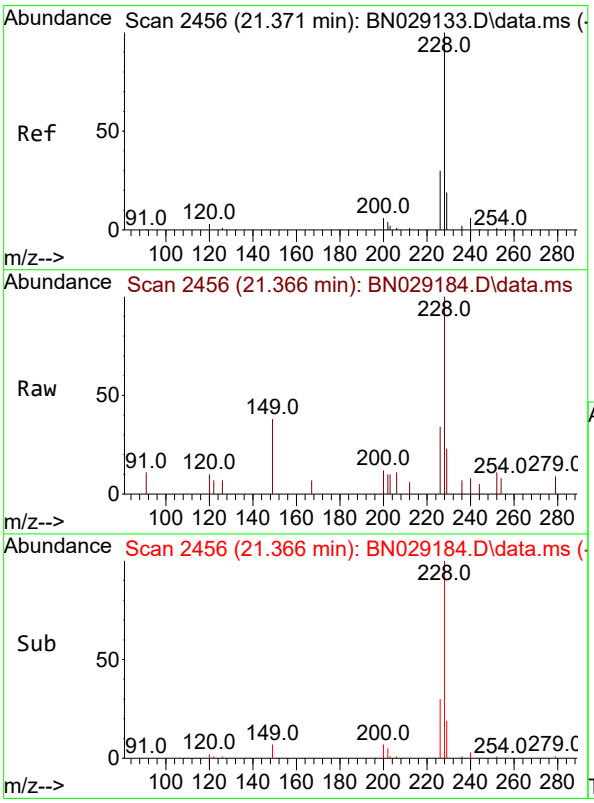
#31
Terphenyl-d14
Concen: 0.292 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:244 Resp: 720

Ion	Ratio	Lower	Upper
244	100		
212	23.5	18.9	28.3
122	29.1	22.5	33.7

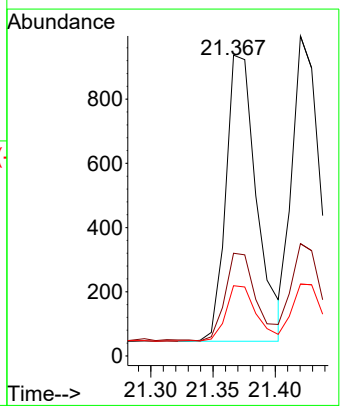


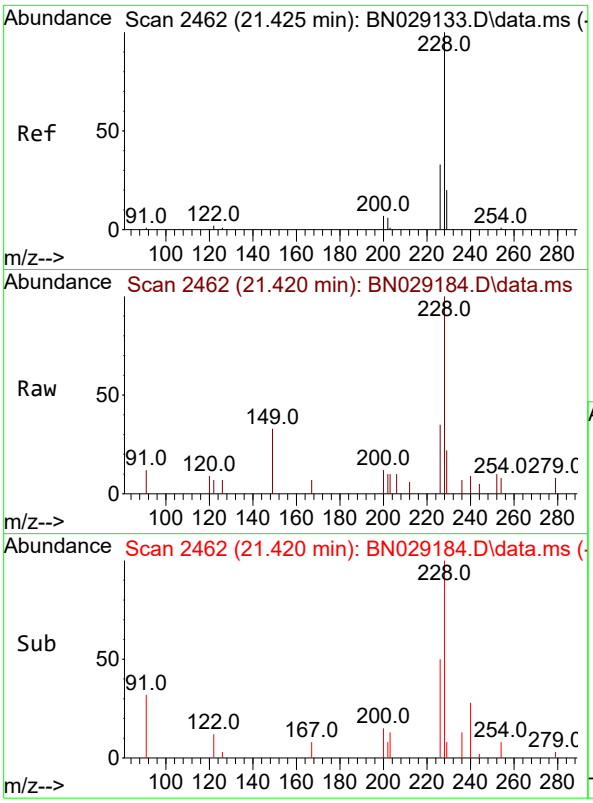


#32
Benzo(a)anthracene
Concen: 0.320 ng
RT: 21.366 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:228 Resp: 1538

Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.8	41.6
229	23.4	18.0	27.0



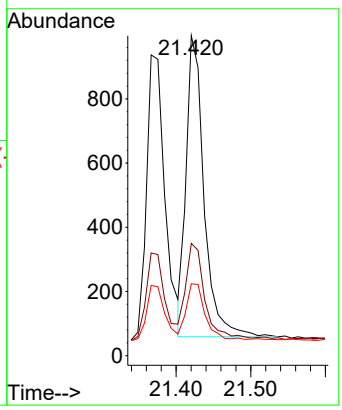


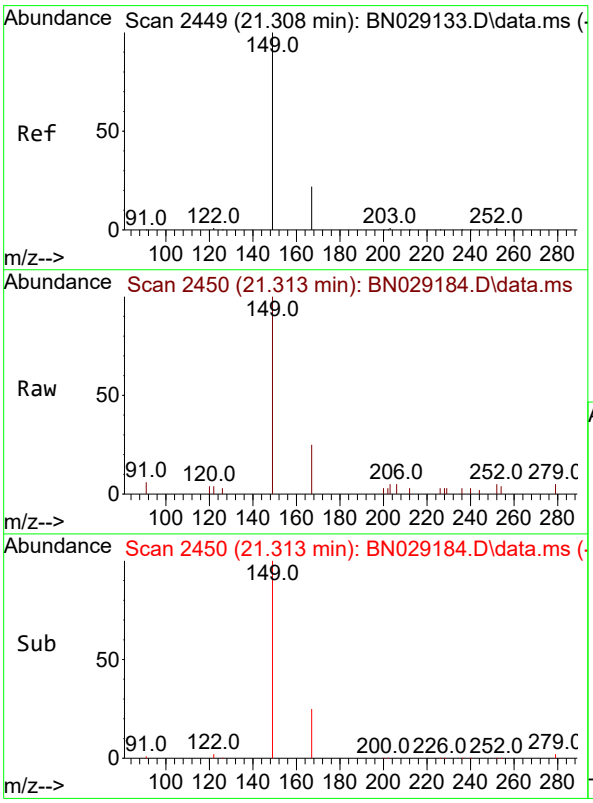
#33
Chrysene
Concen: 0.334 ng
RT: 21.420 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:228 Resp: 1561

Ion	Ratio	Lower	Upper
228	100		
226	35.1	32.0	48.0
229	22.5	17.7	26.5

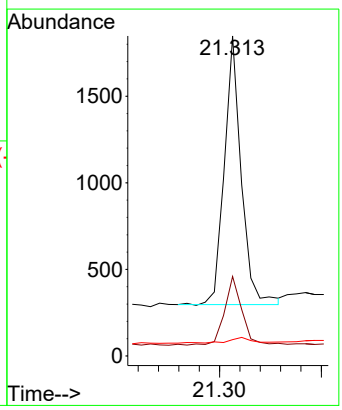


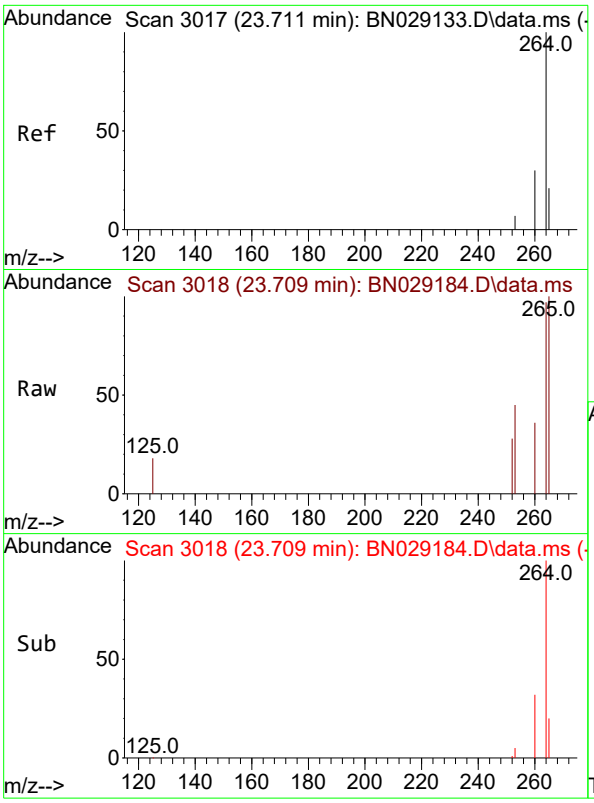


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.292 ng
RT: 21.313 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:149 Resp: 1788

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.8	31.2
279	3.4	1.7	2.5#



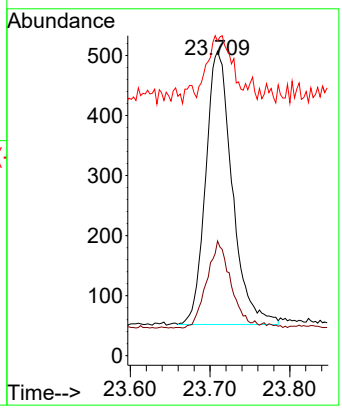


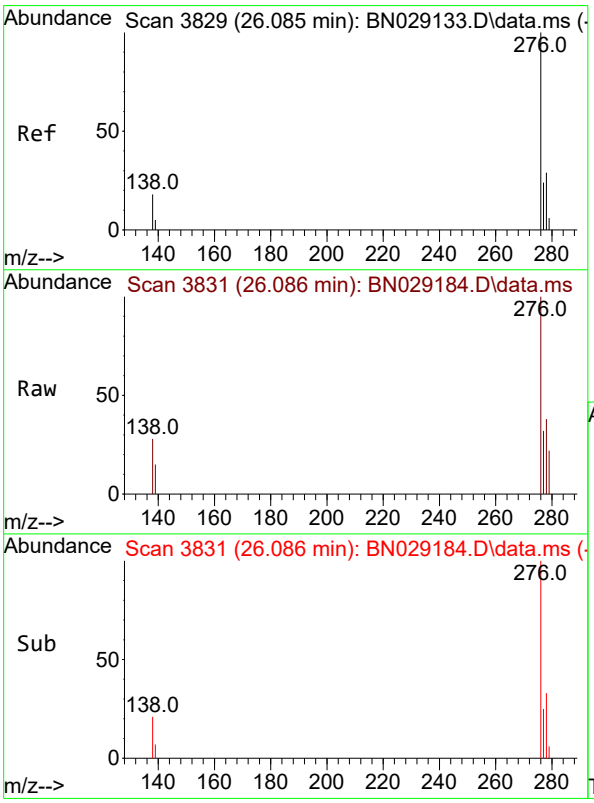
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:264 Resp: 1053

Ion	Ratio	Lower	Upper
264	100		
260	37.7	27.1	40.7
265	103.4	99.4	149.2

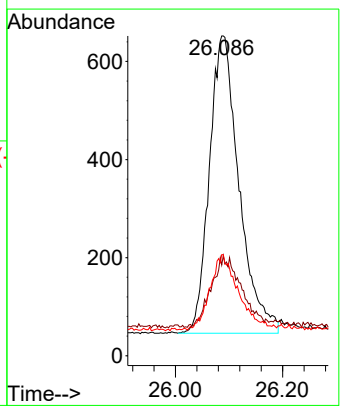


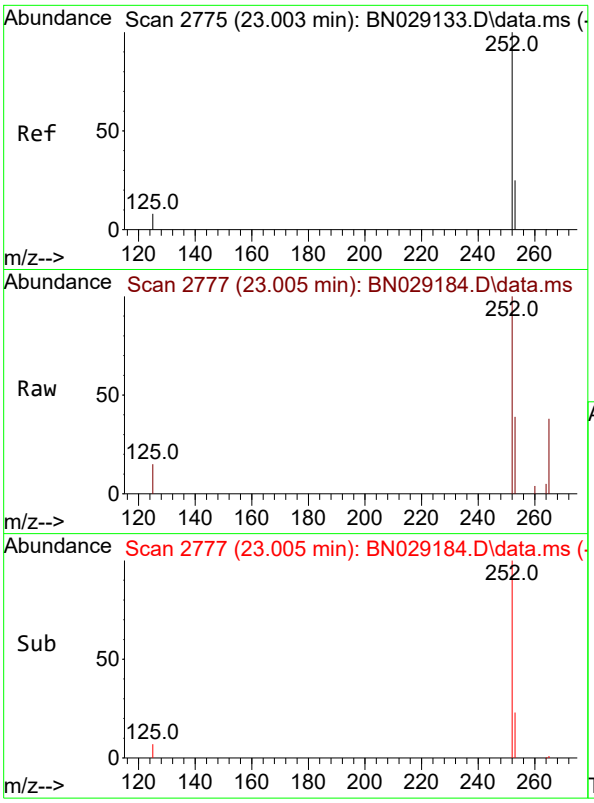


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 26.086 min Scan# 3831
Delta R.T. -0.009 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:276 Resp: 2333

Ion	Ratio	Lower	Upper
276	100		
138	12.7	6.9	10.3#
277	23.9	18.4	27.6



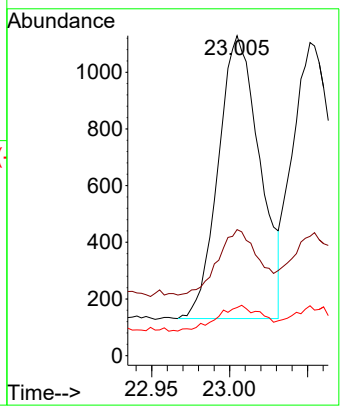


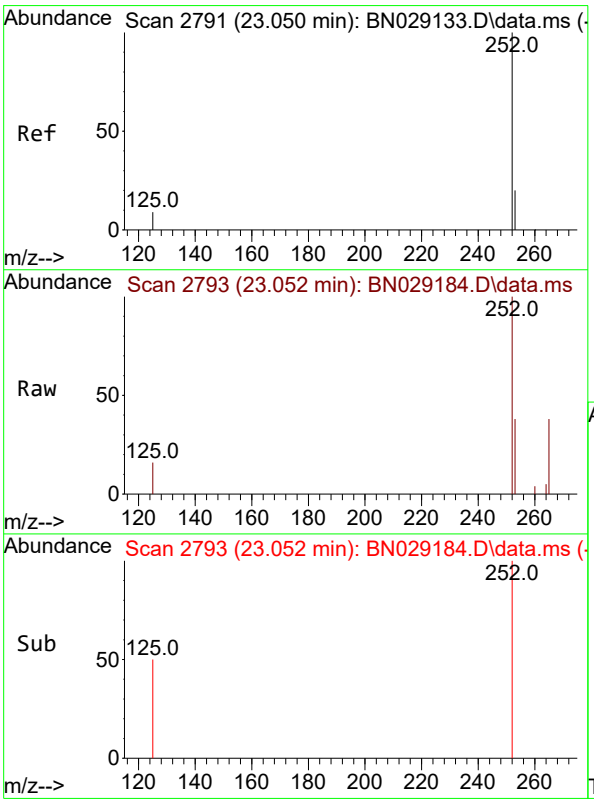
#37
Benzo(b)fluoranthene
Concen: 0.334 ng
RT: 23.005 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:252 Resp: 1848

Ion	Ratio	Lower	Upper
252	100		
253	39.4	33.4	50.0
125	15.1	14.6	21.8

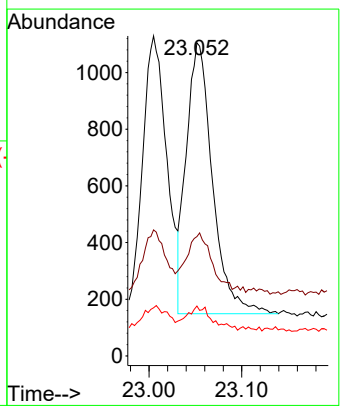


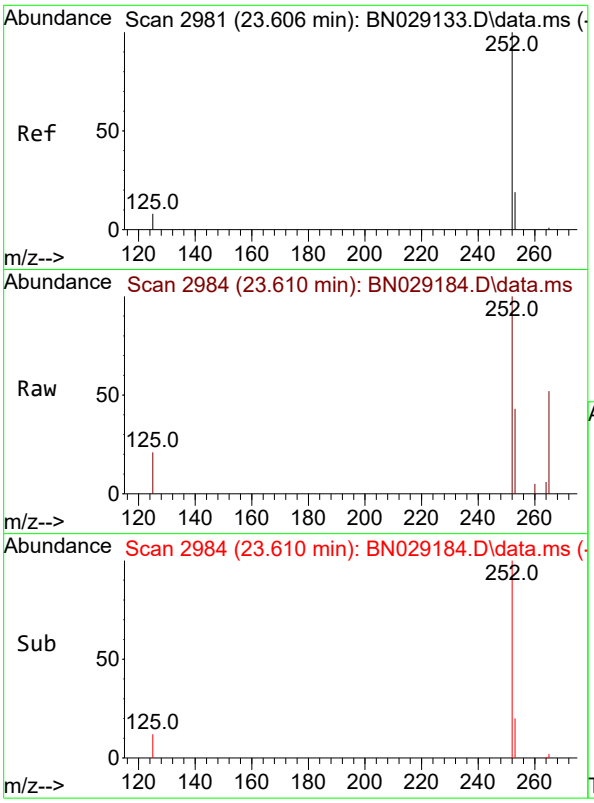


#38
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 23.052 min Scan# 2793
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:252 Resp: 1877

Ion	Ratio	Lower	Upper
252	100		
253	38.1	33.3	49.9
125	15.9	14.0	21.0



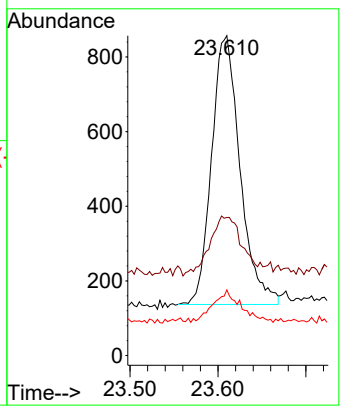


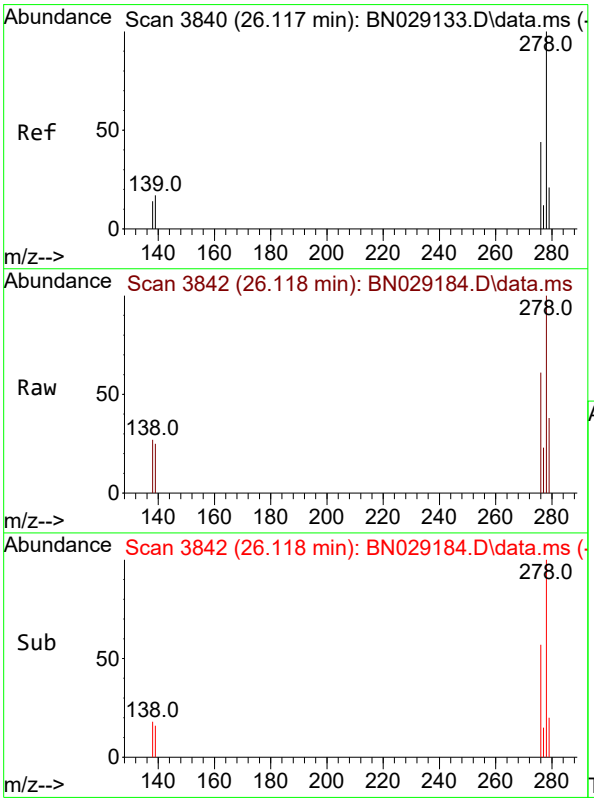
#39
Benzo(a)pyrene
Concen: 0.321 ng
RT: 23.610 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:252 Resp: 1619

Ion	Ratio	Lower	Upper
252	100		
253	43.2	39.7	59.5
125	20.5	17.9	26.9

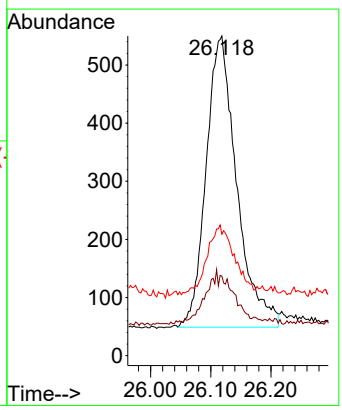


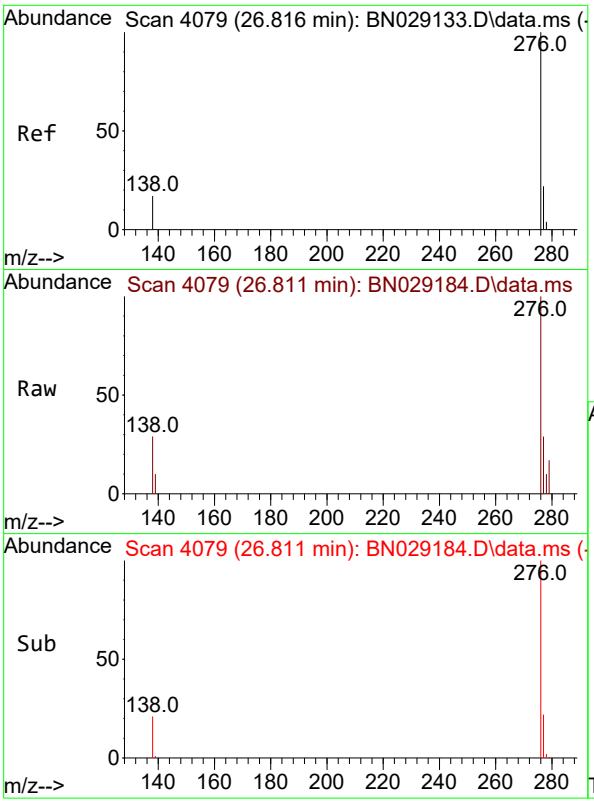


#40
Dibenzo(a,h)anthracene
Concen: 0.329 ng
RT: 26.118 min Scan# 3842
Delta R.T. 0.003 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Tgt Ion:278 Resp: 1770

Ion	Ratio	Lower	Upper
278	100		
139	24.9	21.8	32.6
279	38.0	39.9	59.9#





#41
Benzo(g,h,i)perylene
Concen: 0.333 ng
RT: 26.811 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN029184.D
Acq: 22 Dec 2023 19:17

Instrument :
BNA_N
ClientSampleId :
ICVBN122223

Tgt Ion:276 Resp: 2012

Ion	Ratio	Lower	Upper
276	100		
277	29.4	24.2	36.4
138	29.1	25.5	38.3