Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
Data File : BN029188.D
Acq On : 26 Dec 2023 11:58
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 26 12:33:40 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	7.753	152	869	0.400	ng		-0.03
7) Naphthalene-d8	10.530	136	1780	0.400	ng		#-0.04
13) Acenaphthene-d10	14.372	164	1074	0.400	ng		-0.05
19) Phenanthrene-d10	17.119	188	1621	0.400	ng		-0.06
29) Chrysene-d12	21.277	240	612	0.400	ng		-0.11
35) Perylene-d12	23.534	264	752	0.400	ng		-0.18
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	670	0.338	ng		-0.02
5) Phenol-d6	6.959	99	730	0.328	ng		-0.03
8) Nitrobenzene-d5	8.929	82	806	0.364	ng		-0.03
11) 2-Methylnaphthalene-d10	12.125	152	1008	0.346	ng		-0.04
14) 2,4,6-Tribromophenol	15.865	330	229	0.291	ng		-0.06
15) 2-Fluorobiphenyl	13.014	172	2221	0.366	ng		-0.04
27) Fluoranthene-d10	19.136	212	999	0.295	ng		-0.08
31) Terphenyl-d14	19.740	244	747	0.419	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	318	0.414	ng	#	92
3) n-Nitrosodimethylamine	3.687	42	181	0.315	ng	#	74
6) bis(2-Chloroethyl)ether	7.212	93	517	0.331	ng		94
9) Naphthalene	10.583	128	1765	0.321	ng		99
10) Hexachlorobutadiene	10.850	225	520	0.307	ng	#	98
12) 2-Methylnaphthalene	12.200	142	1331	0.342	ng		97
16) Acenaphthylene	14.094	152	2180	0.307	ng		99
17) Acenaphthene	14.436	154	1352	0.311	ng		99
18) Fluorene	15.420	166	1857	0.303	ng		97
20) 4,6-Dinitro-2-methylph...	15.530	198	168	0.410	ng		94
21) 4-Bromophenyl-phenylether	16.324	248	466	0.306	ng	#	70
22) Hexachlorobenzene	16.399	284	594	0.330	ng		98
23) Atrazine	16.610	200	457	0.329	ng		97
24) Pentachlorophenol	16.771	266	328	0.314	ng		98
25) Phenanthrene	17.156	178	2357	0.332	ng		97
26) Anthracene	17.243	178	2289	0.336	ng		98
28) Fluoranthene	19.169	202	1951	0.307	ng	#	98
30) Pyrene	19.526	202	1905	0.331	ng		98
32) Benzo(a)anthracene	21.259	228	1141	0.328	ng		97
33) Chrysene	21.313	228	1112	0.329	ng		96
34) Bis(2-ethylhexyl)phtha...	21.205	149	1474	0.333	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.838	276	1359	0.268	ng	#	68
37) Benzo(b)fluoranthene	22.850	252	1229	0.311	ng		97
38) Benzo(k)fluoranthene	22.897	252	1340	0.328	ng		96
39) Benzo(a)pyrene	23.435	252	1195	0.331	ng		97
40) Dibenzo(a,h)anthracene	25.852	278	1044	0.272	ng		96
41) Benzo(g,h,i)perylene	26.534	276	744	0.173	ng		99

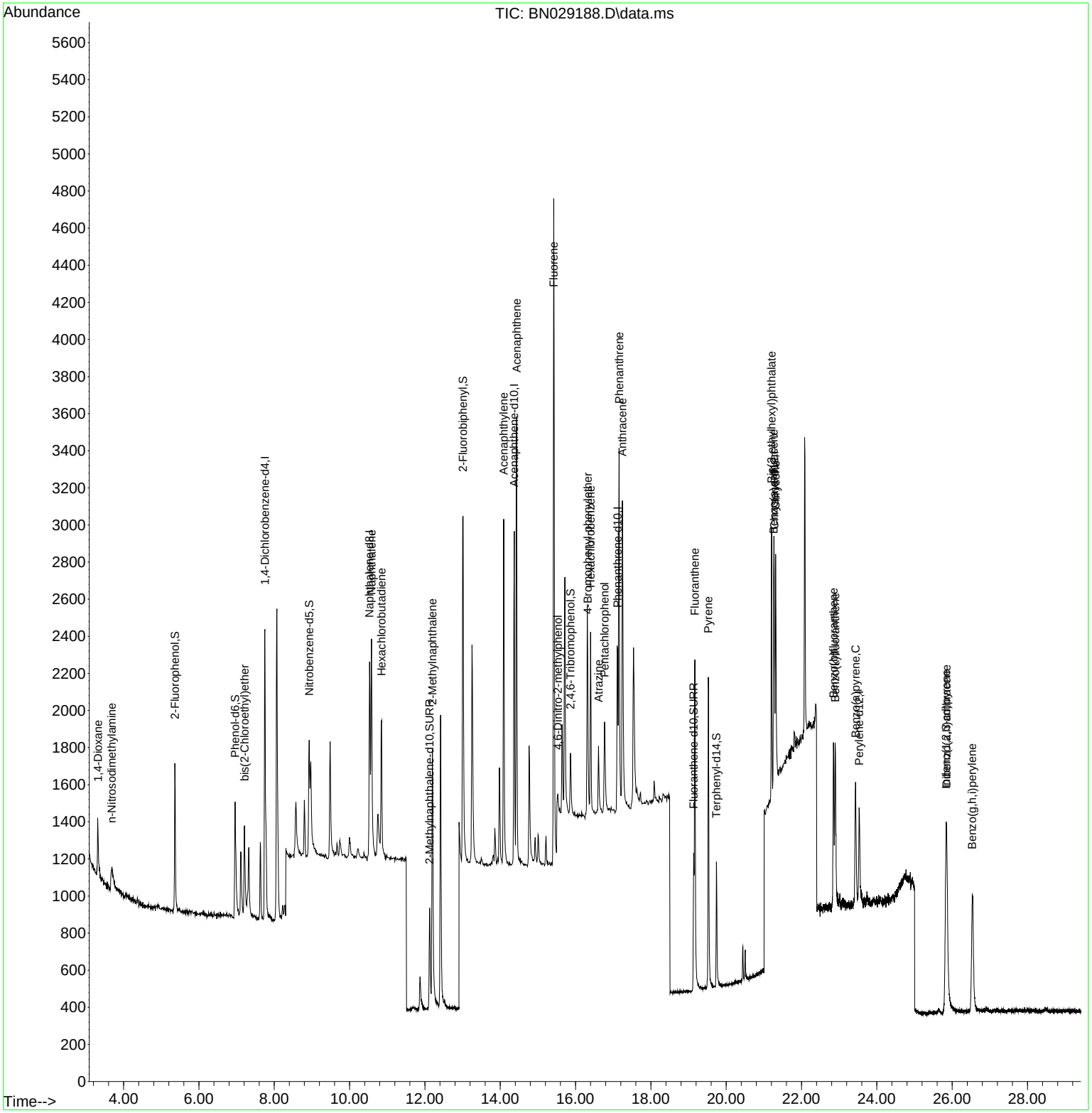
(#) = qualifier out of range (m) = manual integration (+) = signals summed

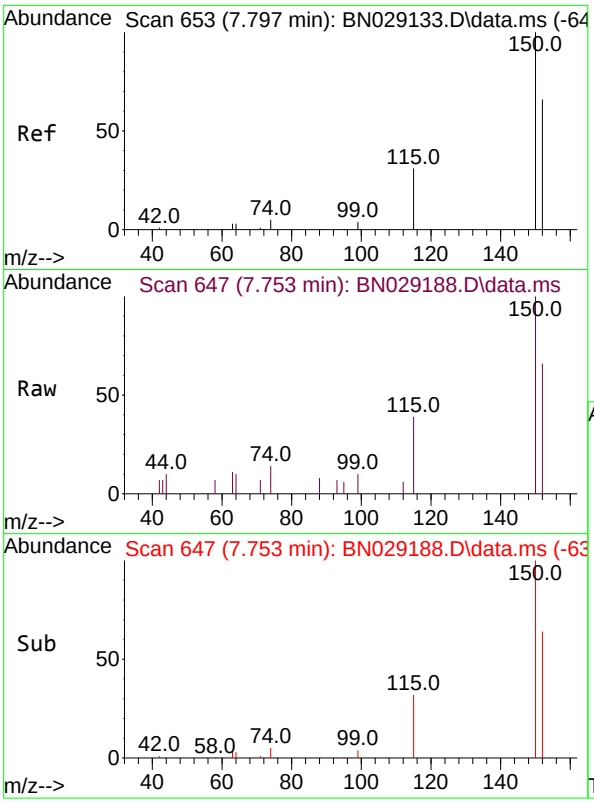
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
Data File : BN029188.D
Acq On : 26 Dec 2023 11:58
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 26 12:33:40 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



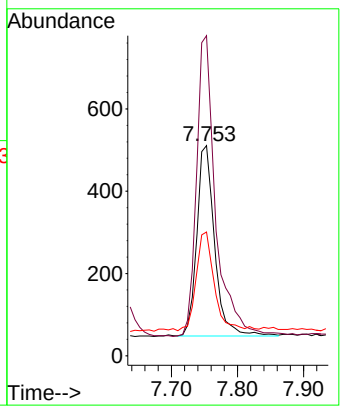


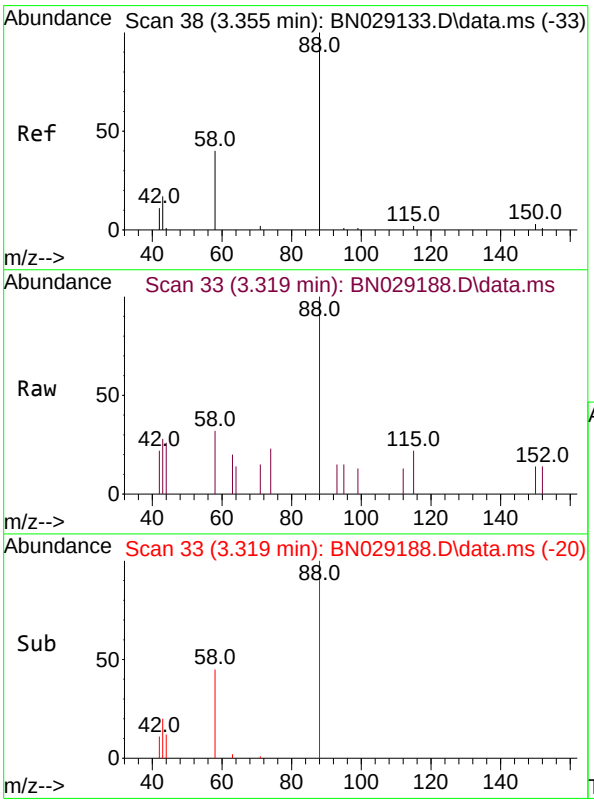
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. -0.029 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.5	176.3
115	58.9	46.3	69.5

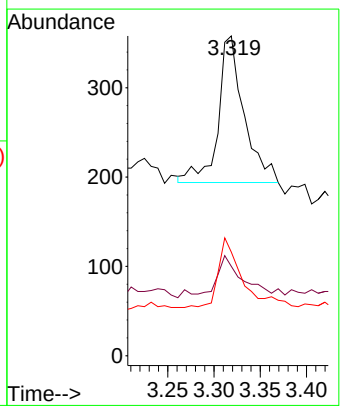


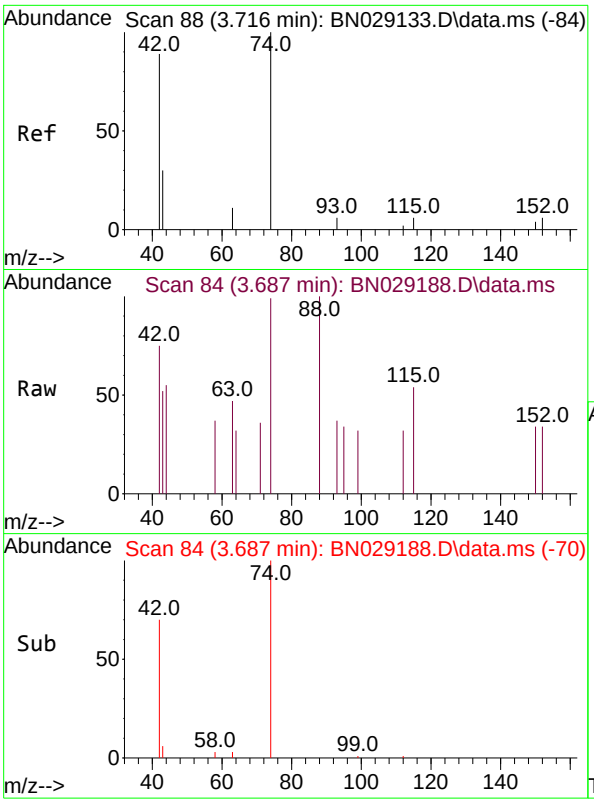


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion: 88 Resp: 318

Ion	Ratio	Lower	Upper
88	100		
43	24.5	19.1	28.7
58	43.1	28.2	42.4#



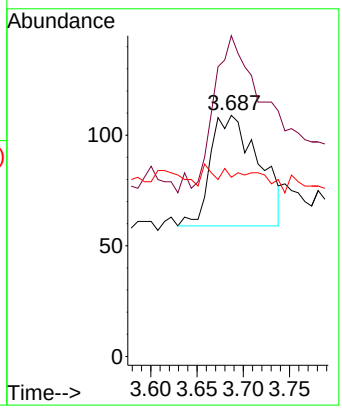


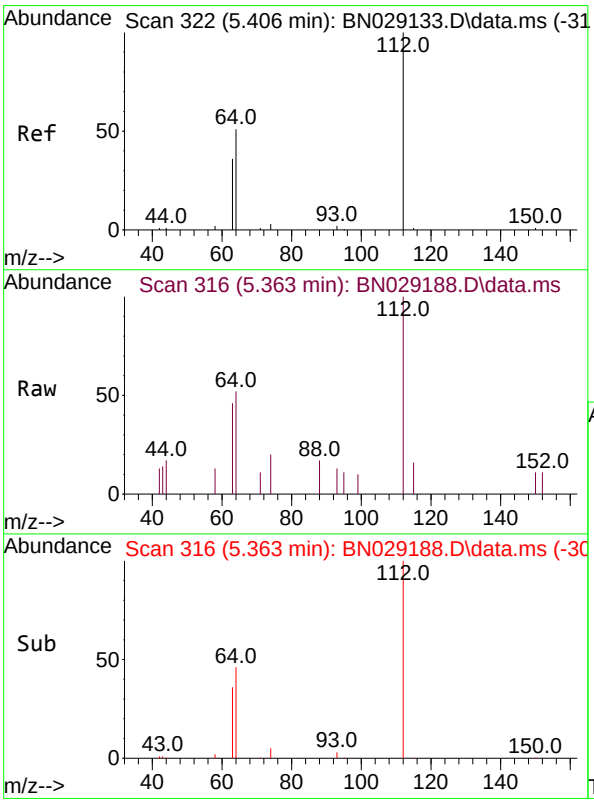
#3
n-Nitrosodimethylamine
Concen: 0.315 ng
RT: 3.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 181

Ion	Ratio	Lower	Upper
42	100		
74	147.5	95.1	142.7#
44	0.0	7.6	11.4#

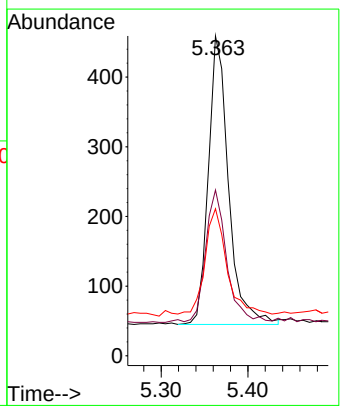


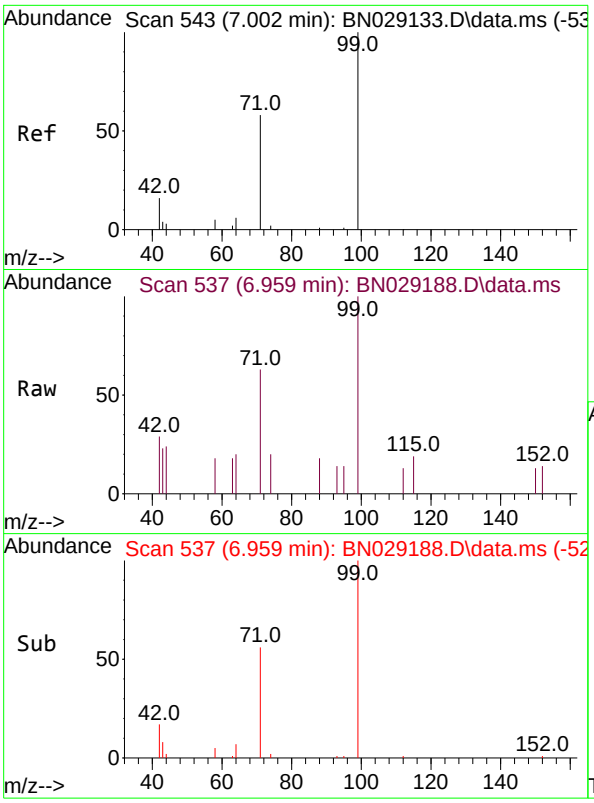


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.022 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:112 Resp: 670

Ion	Ratio	Lower	Upper
112	100		
64	48.2	37.8	56.6
63	40.0	29.4	44.0



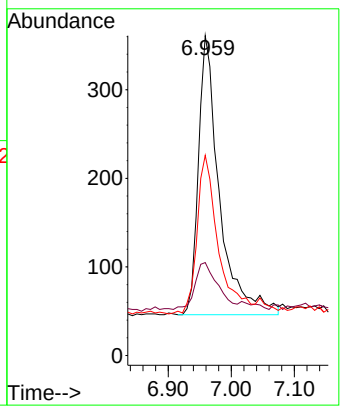


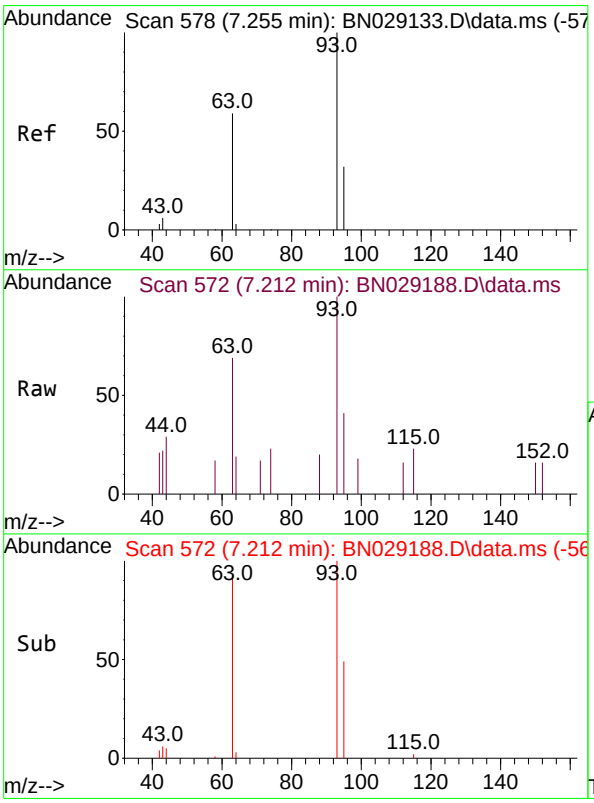
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.959 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 730

Ion	Ratio	Lower	Upper
99	100		
42	17.1	16.8	25.2
71	57.3	43.4	65.2

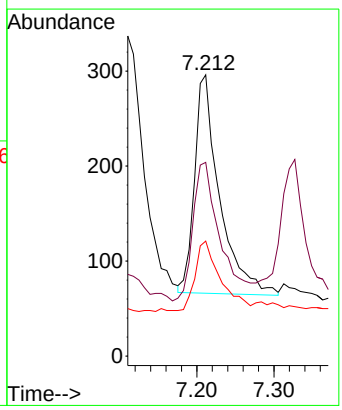


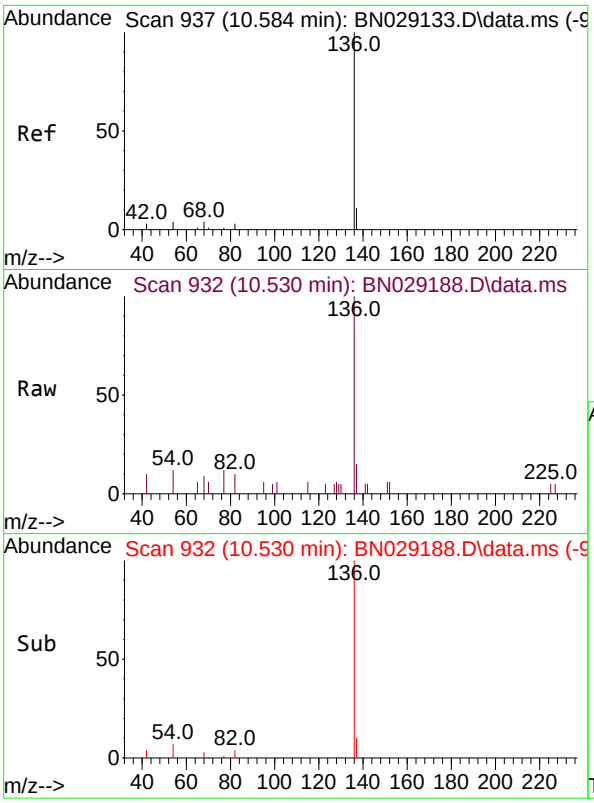


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.212 min Scan# 572
Delta R.T. -0.029 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion: 93 Resp: 517

Ion	Ratio	Lower	Upper
93	100		
63	68.9	58.4	87.6
95	31.9	29.2	43.8



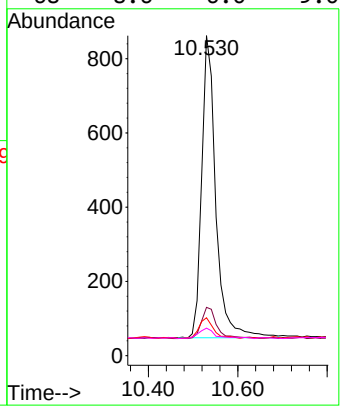


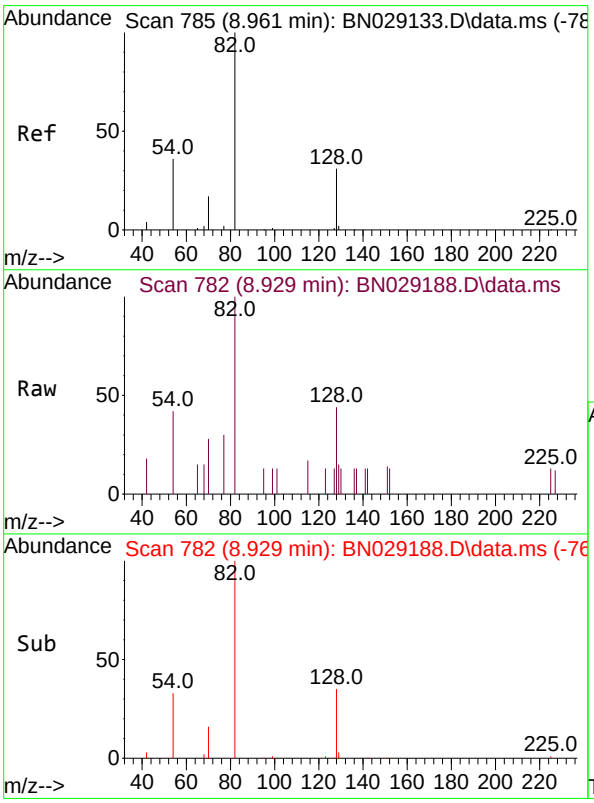
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 9
Delta R.T. -0.043 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 1780

Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.1	18.1
54	11.8	7.2	10.8#
68	8.6	6.0	9.0

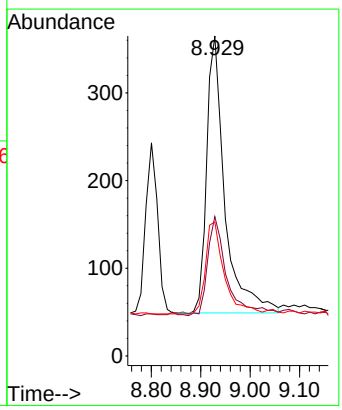


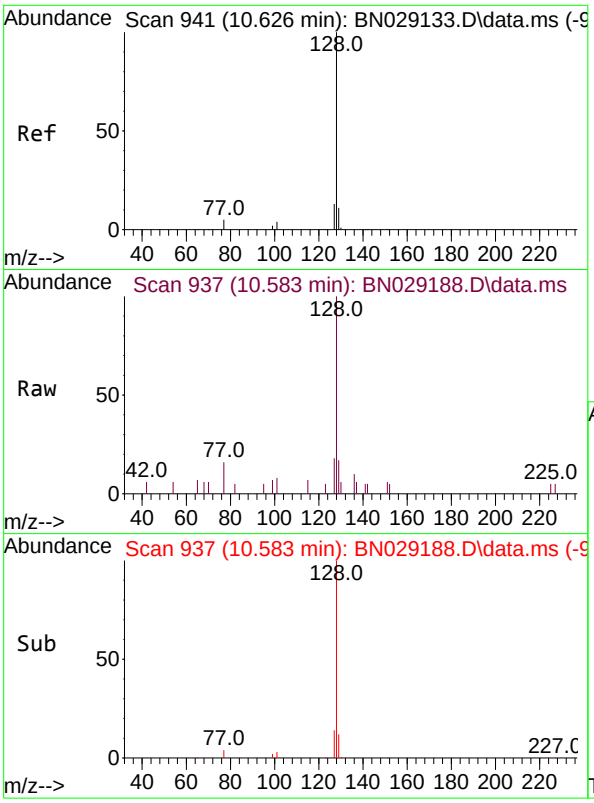


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.032 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion: 82 Resp: 806

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.5	51.7
54	41.9	33.4	50.0



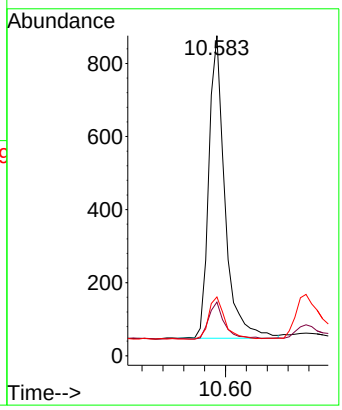


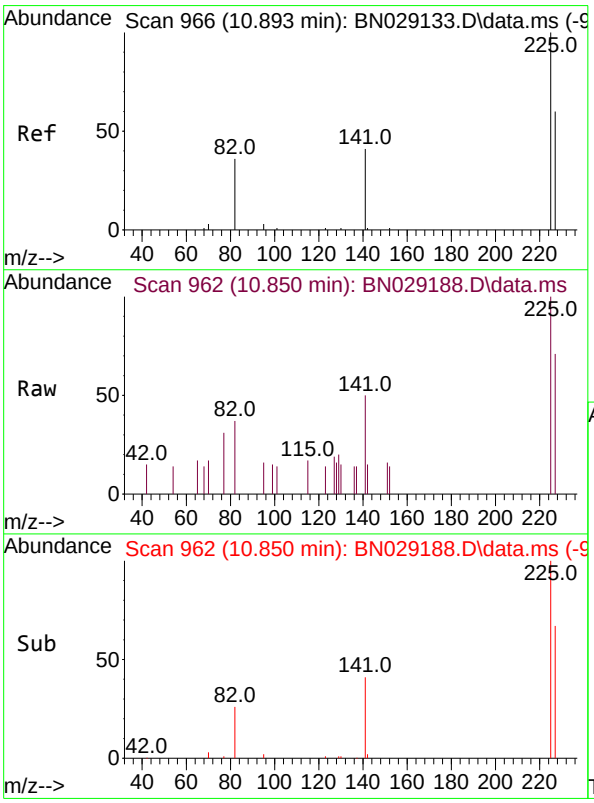
#9
Naphthalene
Concen: 0.321 ng
RT: 10.583 min Scan# 9
Delta R.T. -0.032 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 1765

Ion	Ratio	Lower	Upper
128	100		
129	16.8	13.0	19.6
127	18.4	14.4	21.6

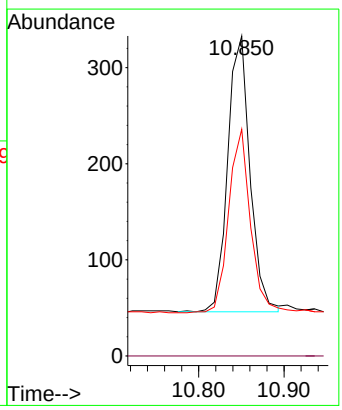


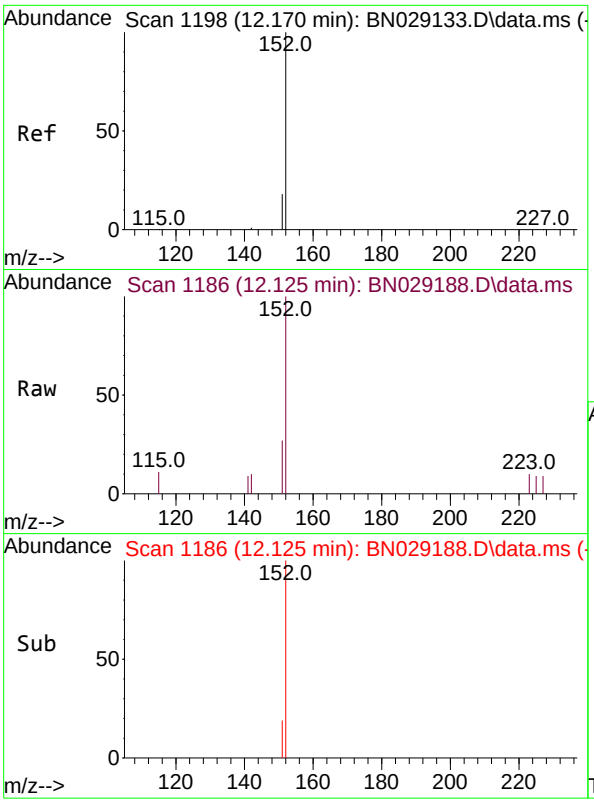


#10
Hexachlorobutadiene
Concen: 0.307 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.032 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:225 Resp: 520

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.4	75.6



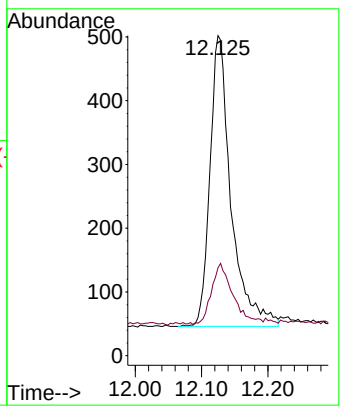


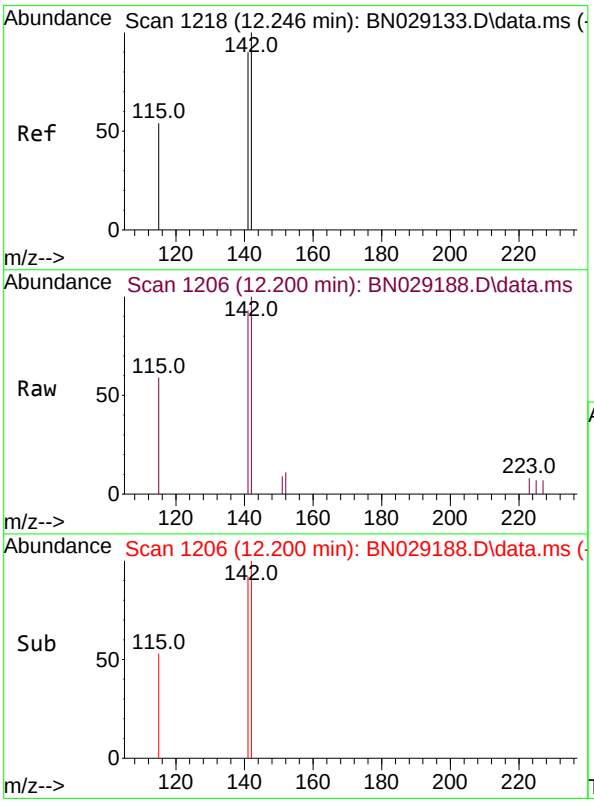
#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.125 min Scan# 11
Delta R.T. -0.042 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1008

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.0

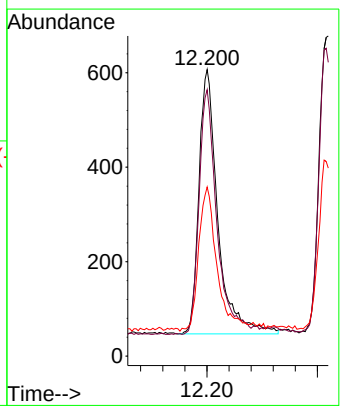


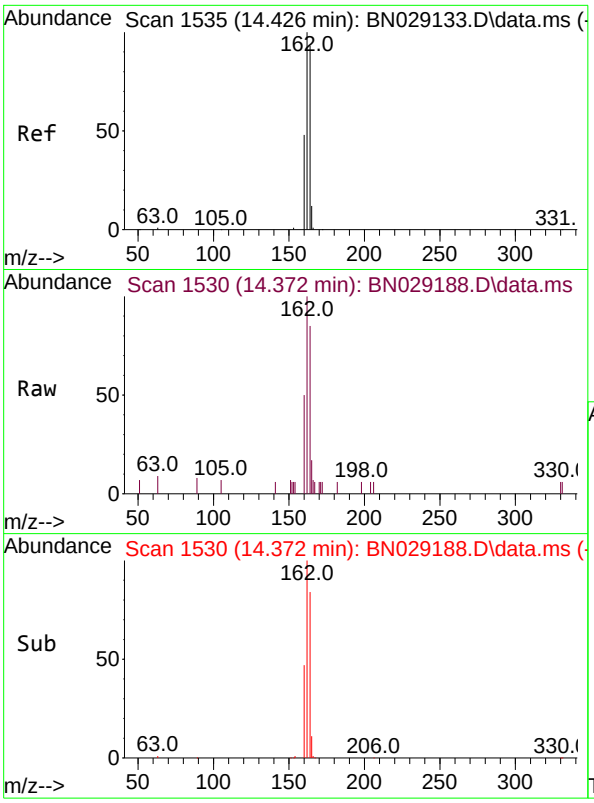


#12
2-Methylnaphthalene
Concen: 0.342 ng
RT: 12.200 min Scan# 1206
Delta R.T. -0.042 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:142 Resp: 1331

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.9	107.9
115	59.0	46.1	69.1



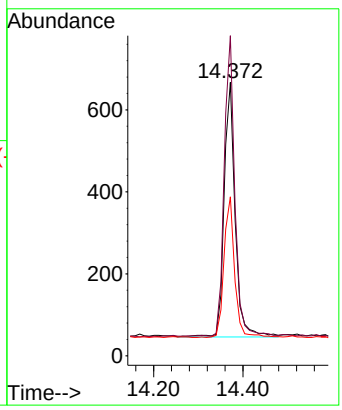


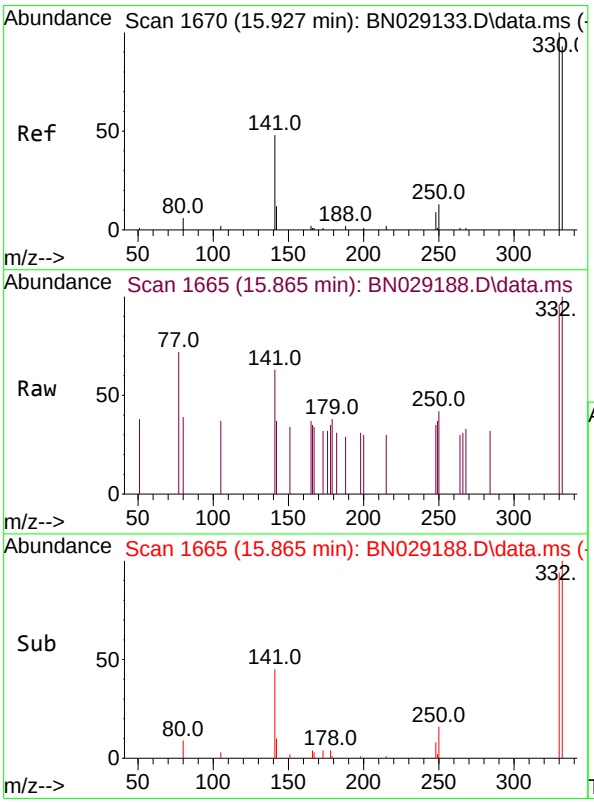
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1
Delta R.T. -0.054 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1074

Ion	Ratio	Lower	Upper
164	100		
162	117.1	88.2	132.2
160	58.2	44.9	67.3

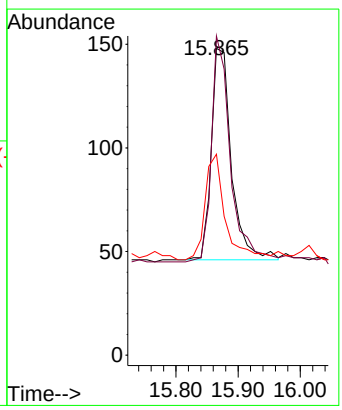


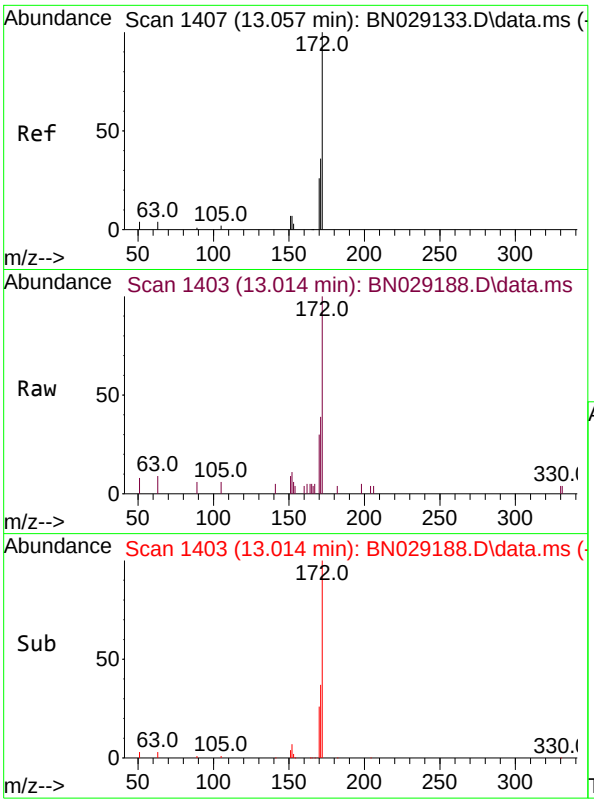


#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.865 min Scan# 1665
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.6	116.4
141	50.7	40.2	60.2



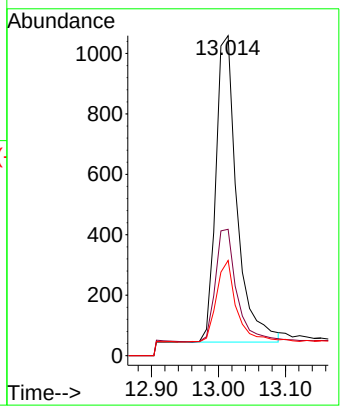


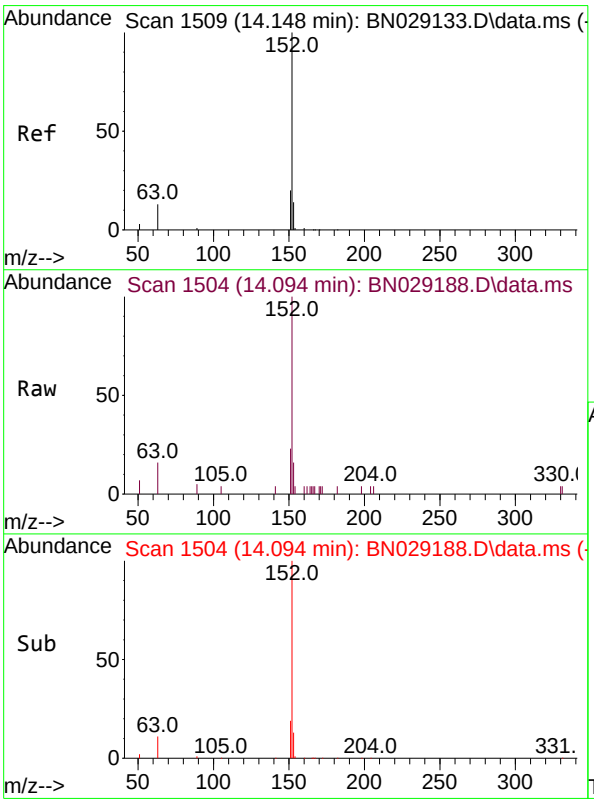
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.014 min Scan# 14
Delta R.T. -0.043 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2221

Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.4	47.0
170	29.7	22.8	34.2

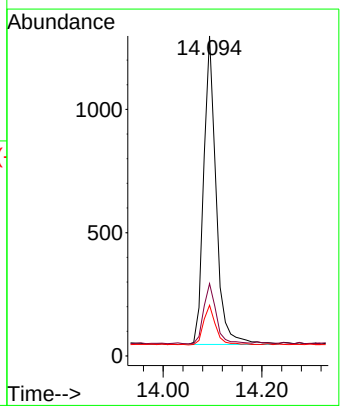


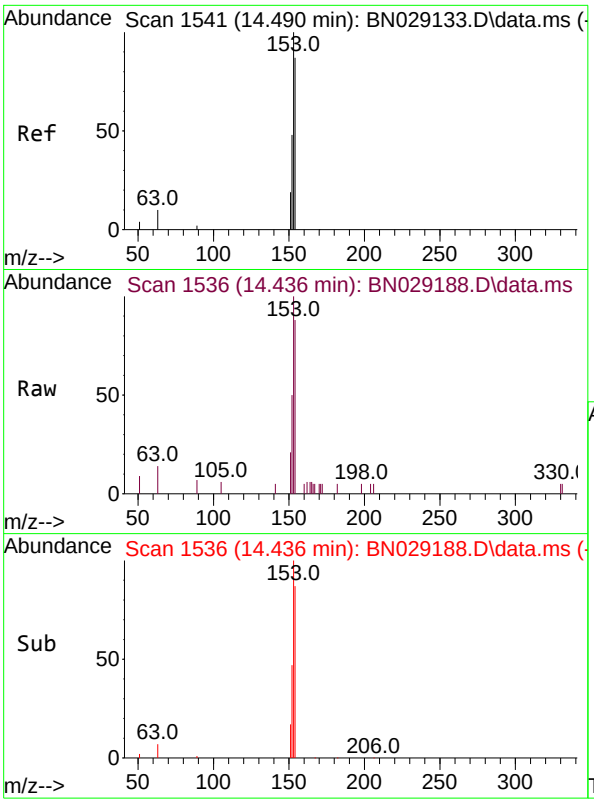


#16
Acenaphthylene
Concen: 0.307 ng
RT: 14.094 min Scan# 1504
Delta R.T. -0.054 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:152 Resp: 2180

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.1	22.7
153	12.8	10.3	15.5



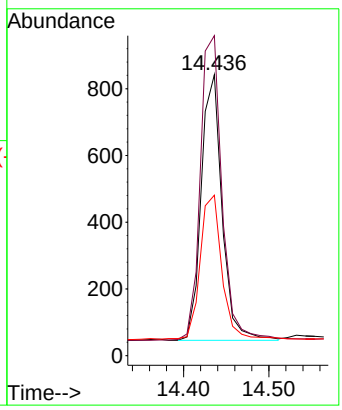


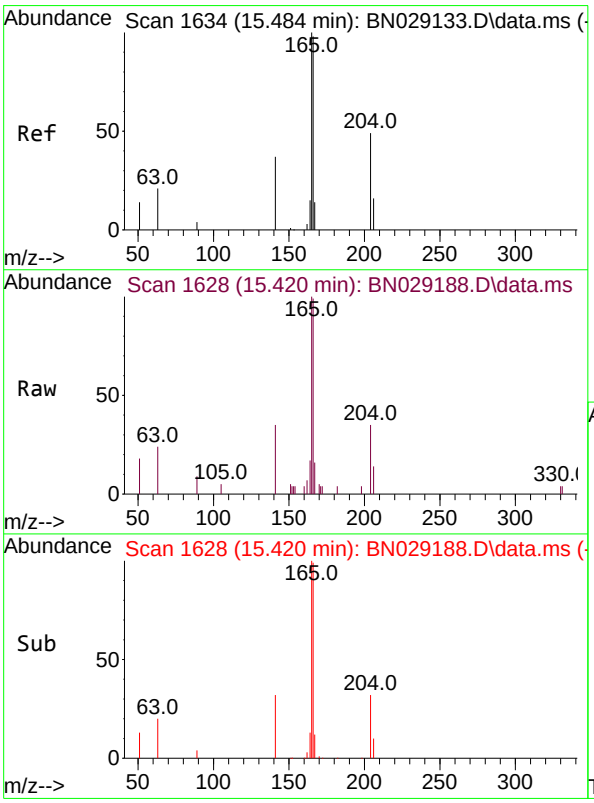
#17
Acenaphthene
Concen: 0.311 ng
RT: 14.436 min Scan# 1
Delta R.T. -0.043 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1352

Ion	Ratio	Lower	Upper
154	100		
153	120.6	96.8	145.2
152	56.6	46.1	69.1

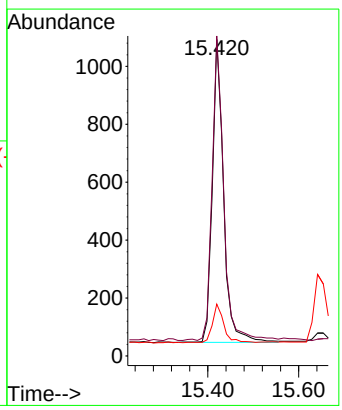


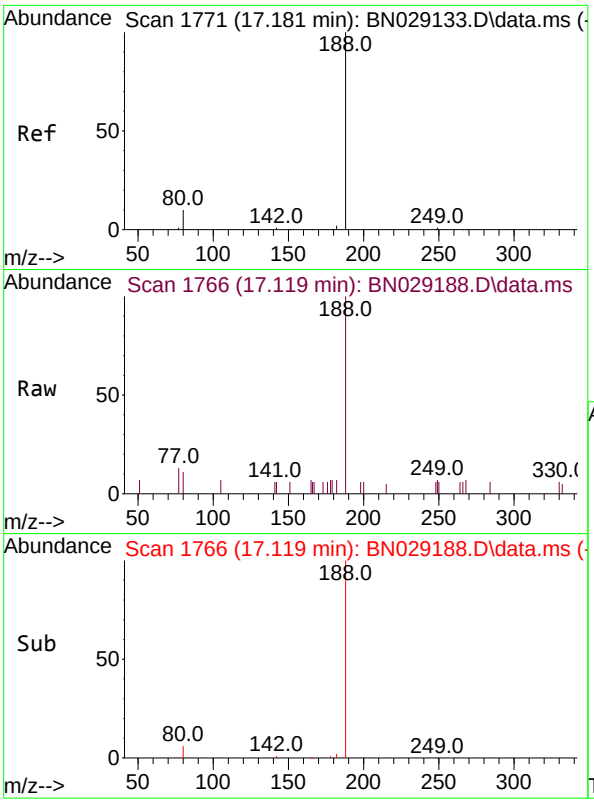


#18
Fluorene
Concen: 0.303 ng
RT: 15.420 min Scan# 1628
Delta R.T. -0.054 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:166 Resp: 1857

Ion	Ratio	Lower	Upper
166	100		
165	102.7	80.0	120.0
167	12.5	10.4	15.6



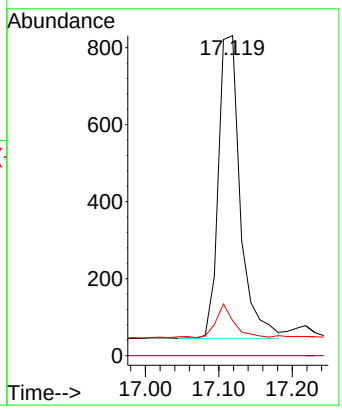


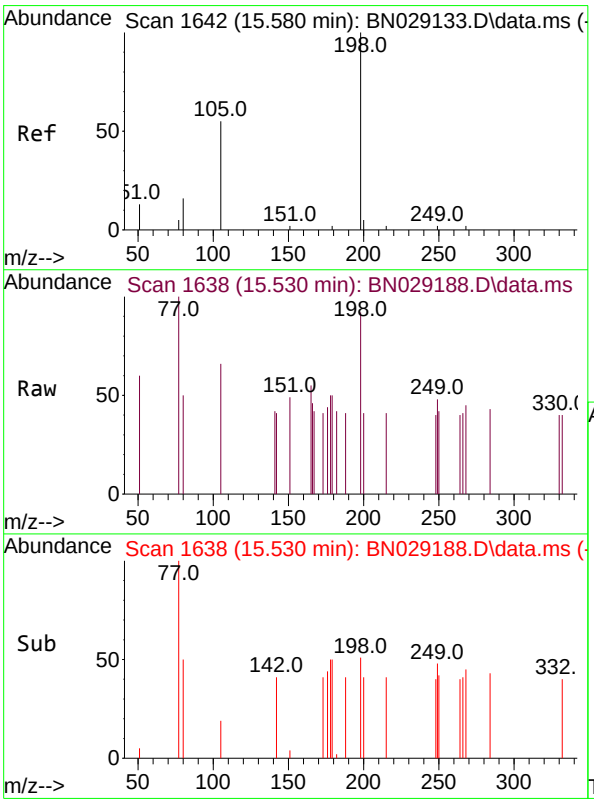
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.119 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 1621

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.9	13.3

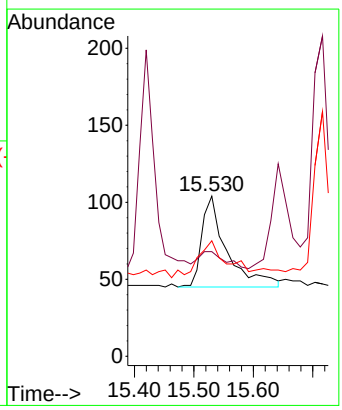


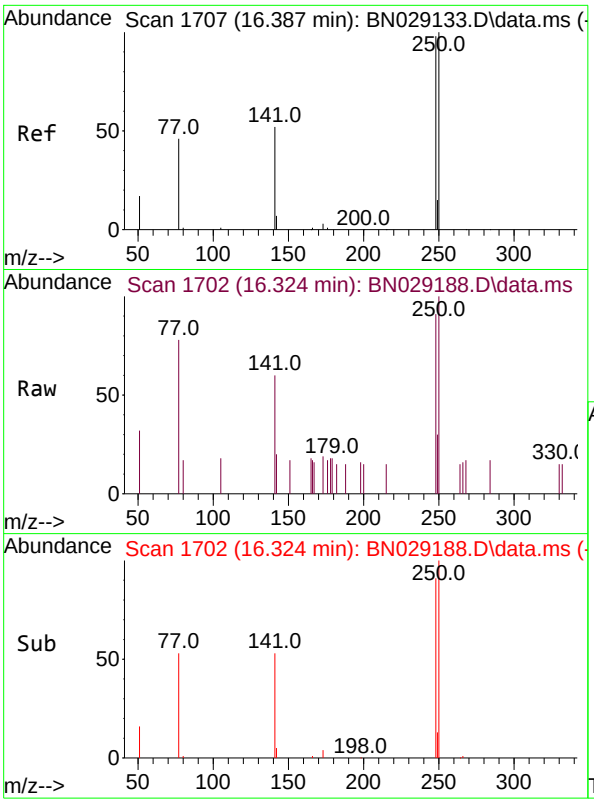


#20
4,6-Dinitro-2-methylphenol
Concen: 0.410 ng
RT: 15.530 min Scan# 1638
Delta R.T. -0.050 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:198 Resp: 168

Ion	Ratio	Lower	Upper
198	100		
51	65.4	56.0	84.0
105	72.1	61.6	92.4



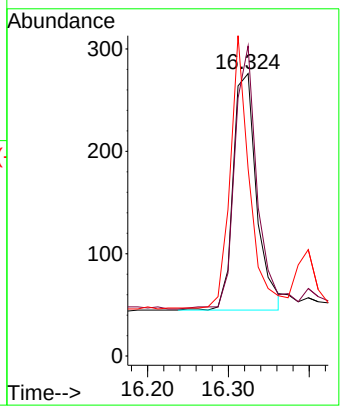


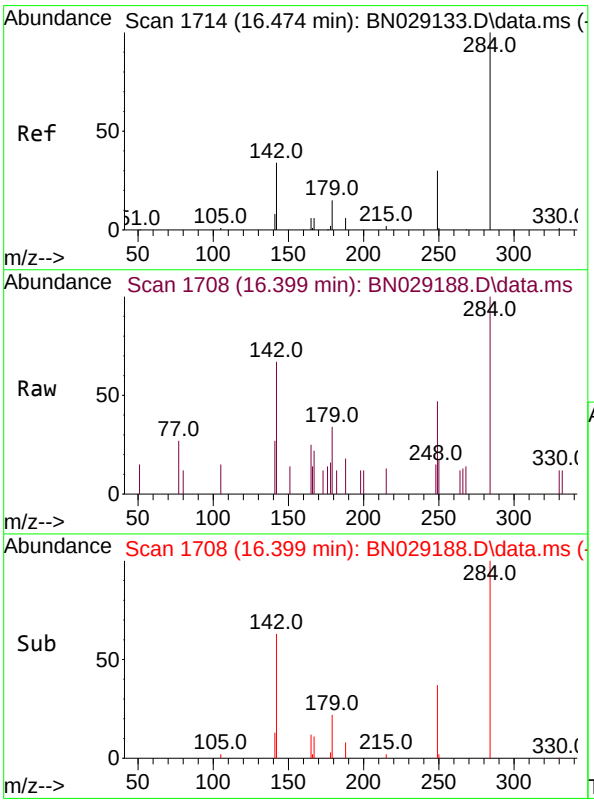
#21
4-Bromophenyl-phenylether
Concen: 0.306 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.050 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 466

Ion	Ratio	Lower	Upper
248	100		
250	109.8	75.7	113.5
141	66.3	89.4	134.0#

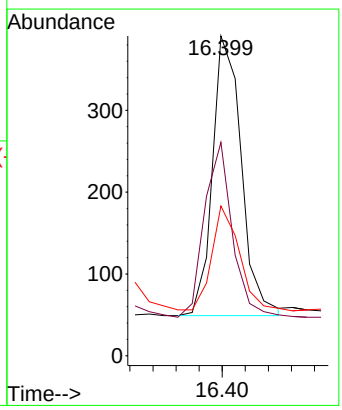


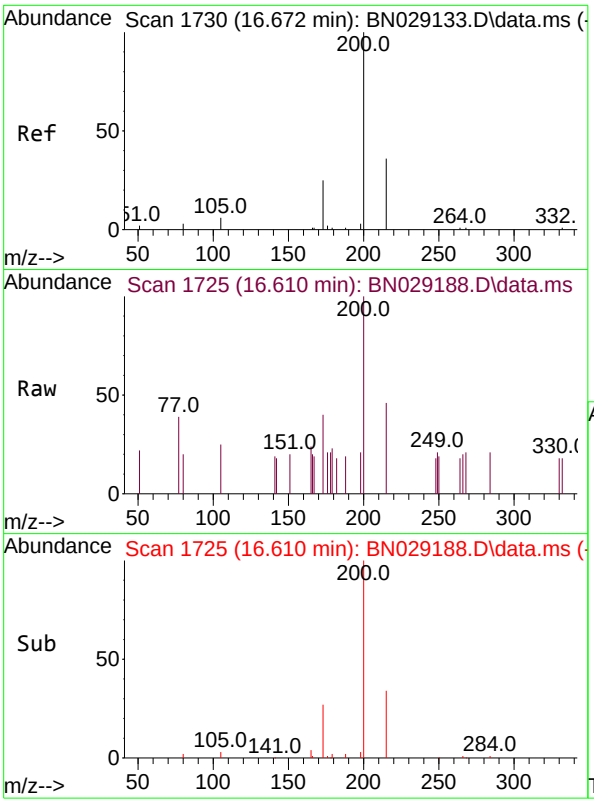


#22
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.399 min Scan# 1708
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:284 Resp: 594

Ion	Ratio	Lower	Upper
284	100		
142	60.4	47.4	71.0
249	35.2	28.8	43.2



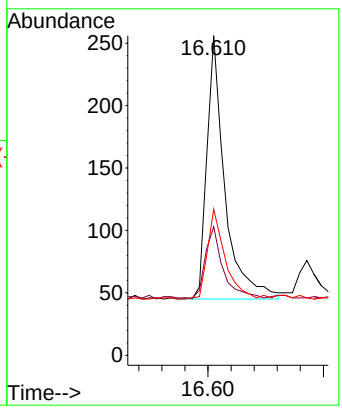


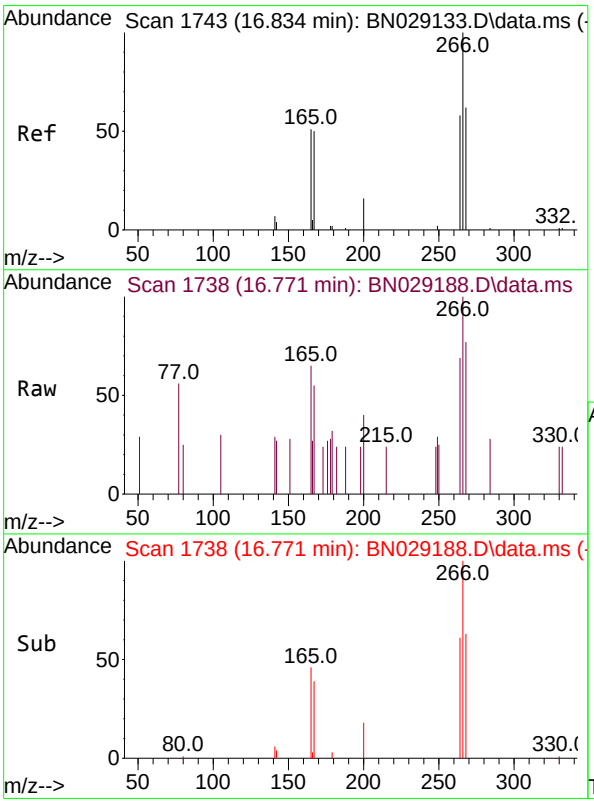
#23
Atrazine
Concen: 0.329 ng
RT: 16.610 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 457

Ion	Ratio	Lower	Upper
200	100		
173	40.2	30.5	45.7
215	45.7	37.8	56.6

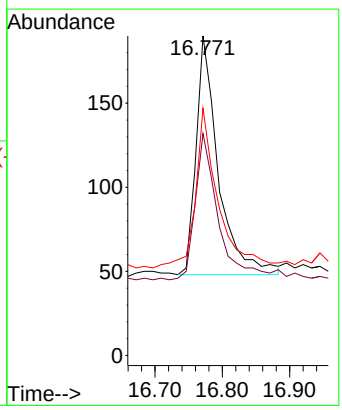


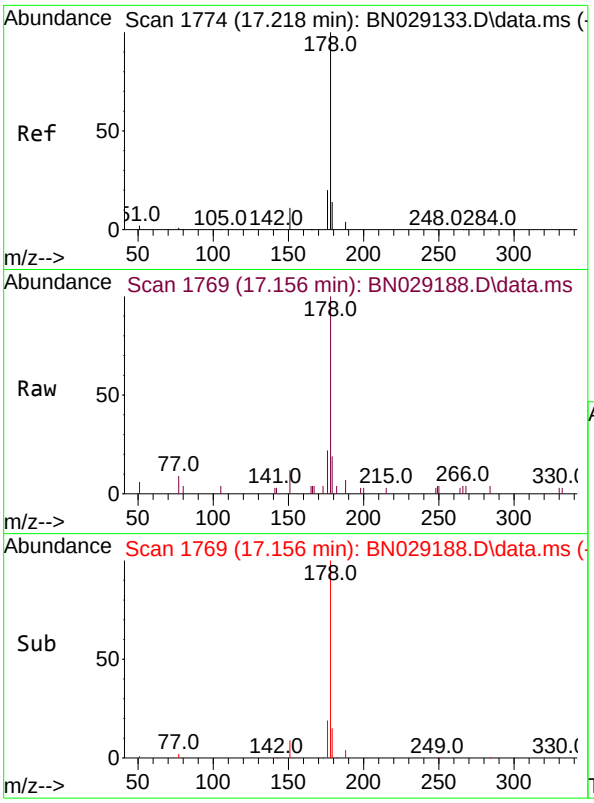


#24
Pentachlorophenol
Concen: 0.314 ng
RT: 16.771 min Scan# 1738
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:266 Resp: 328

Ion	Ratio	Lower	Upper
266	100		
264	65.9	52.8	79.2
268	68.0	51.4	77.0



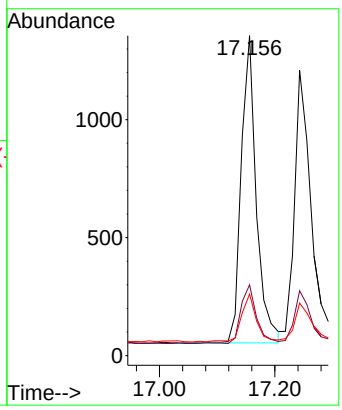


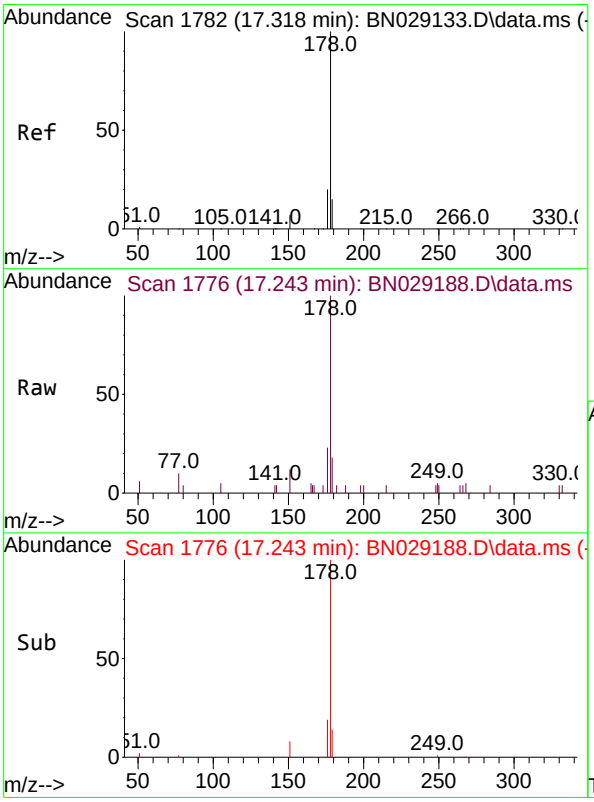
#25
Phenanthrene
Concen: 0.332 ng
RT: 17.156 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 2357

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.5	12.2	18.4

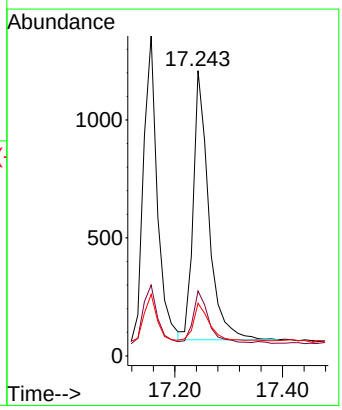


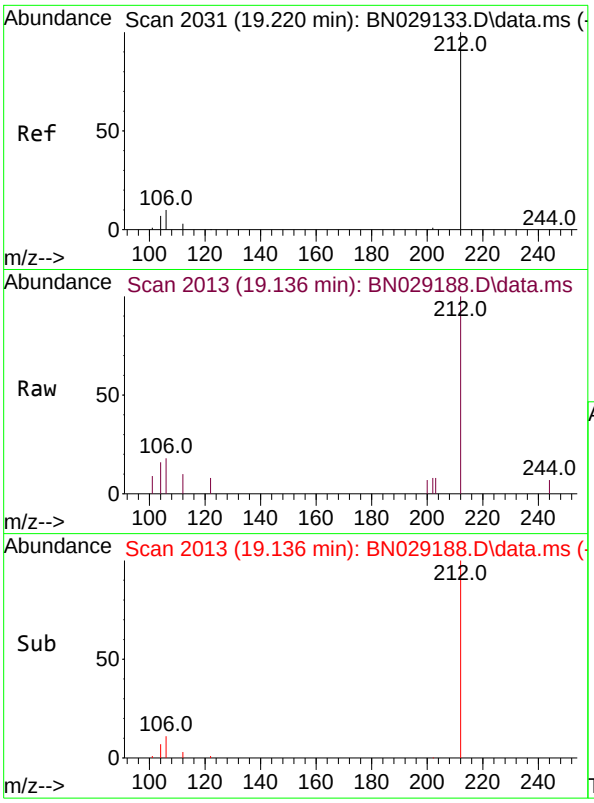


#26
Anthracene
Concen: 0.336 ng
RT: 17.243 min Scan# 1776
Delta R.T. -0.075 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:178 Resp: 2289

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.3	11.9	17.9



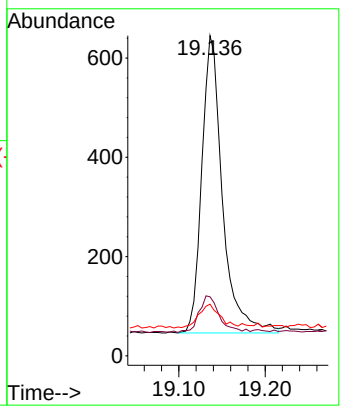


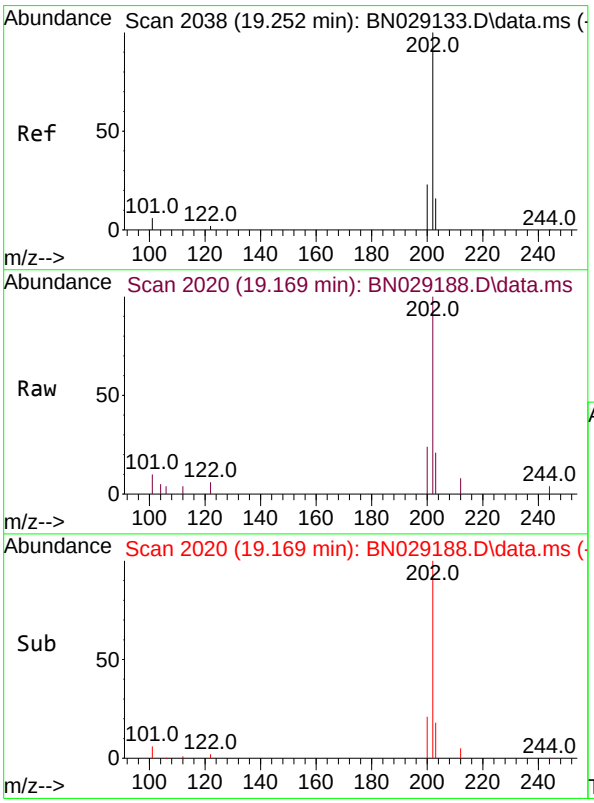
#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.136 min Scan# 2
Delta R.T. -0.084 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 999

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.6	14.4
104	8.2	5.8	8.6

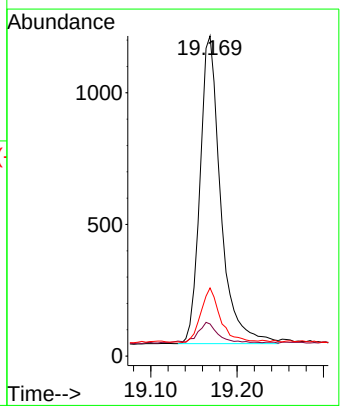


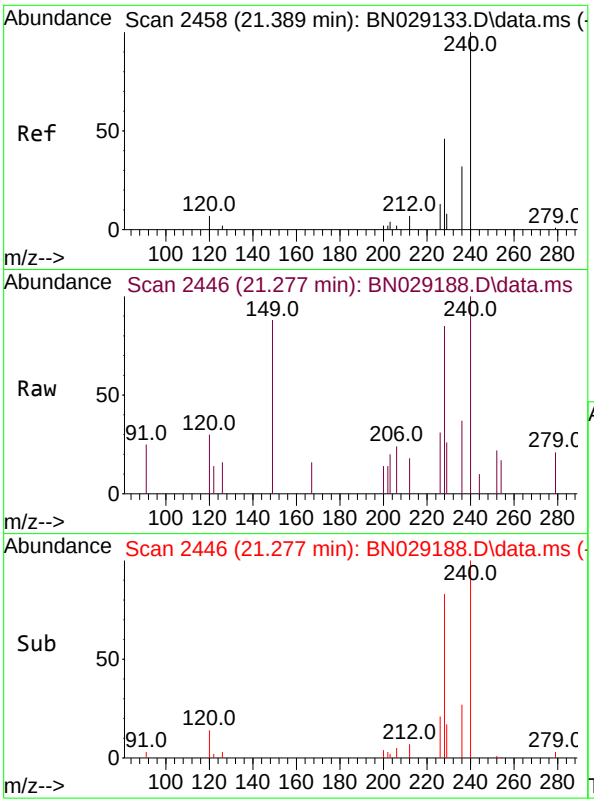


#28
Fluoranthene
Concen: 0.307 ng
RT: 19.169 min Scan# 2020
Delta R.T. -0.084 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:202 Resp: 1951

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.5	6.7#
203	16.6	13.7	20.5



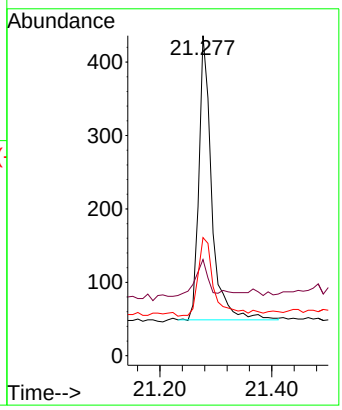


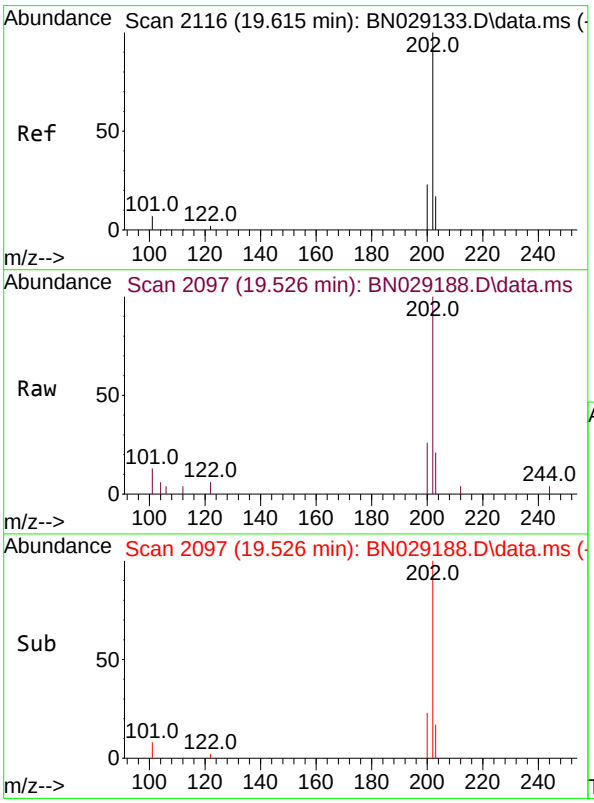
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 24
Delta R.T. -0.108 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 612

Ion	Ratio	Lower	Upper
240	100		
120	30.0	23.9	35.9
236	36.9	31.3	46.9

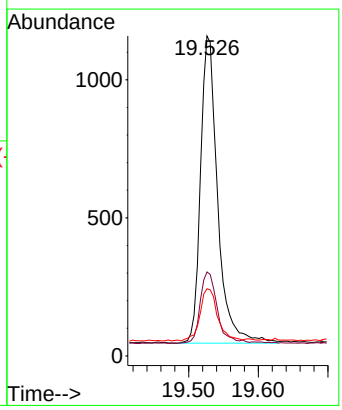


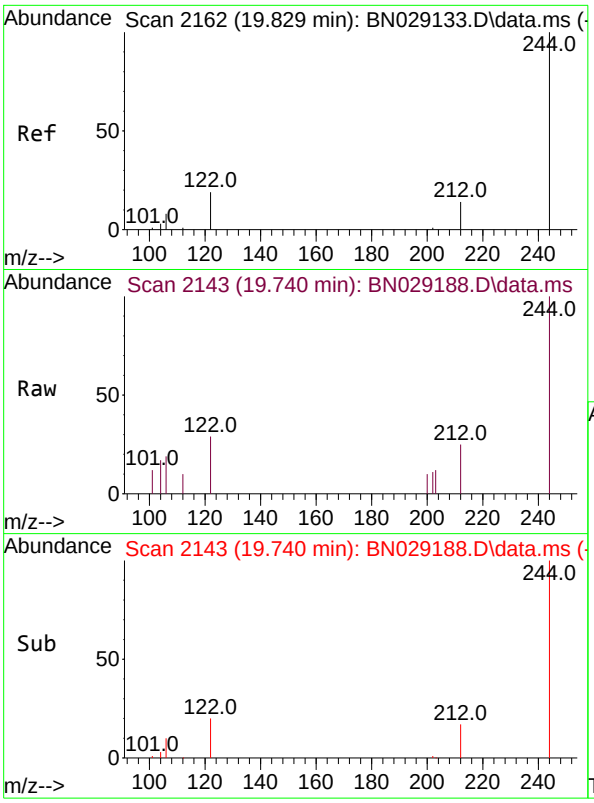


#30
Pyrene
Concen: 0.331 ng
RT: 19.526 min Scan# 2097
Delta R.T. -0.088 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:202 Resp: 1905

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	16.9	13.8	20.8



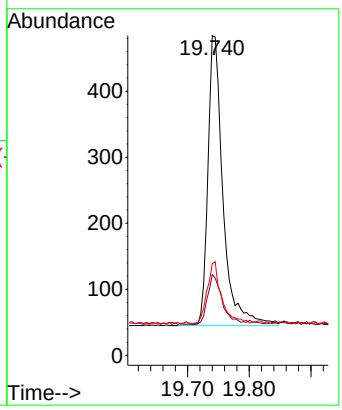


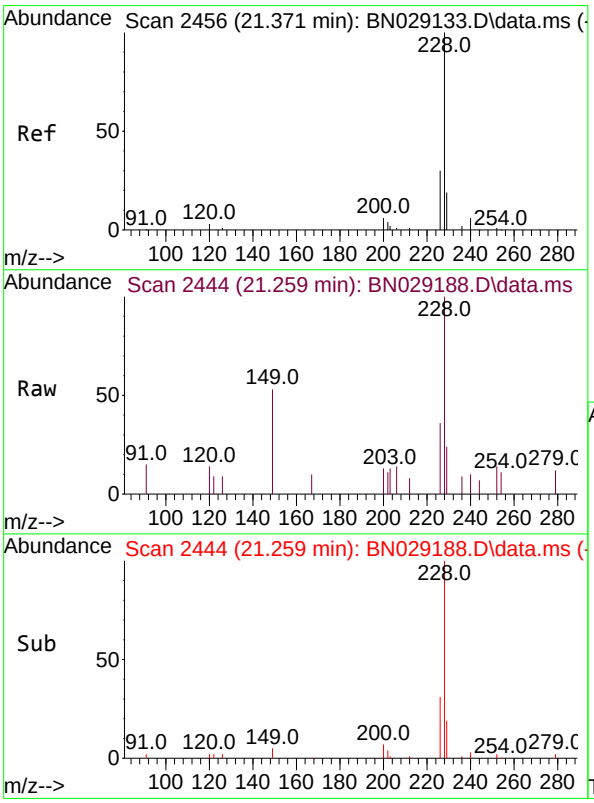
#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.740 min Scan# 21
Delta R.T. -0.093 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 747

Ion	Ratio	Lower	Upper
244	100		
212	25.2	18.9	28.3
122	28.7	22.5	33.7

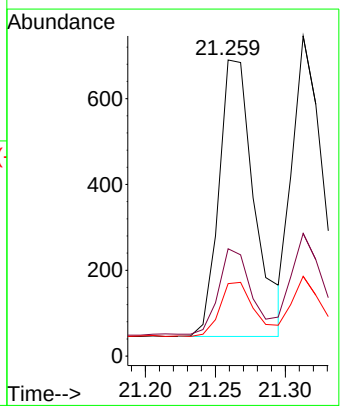


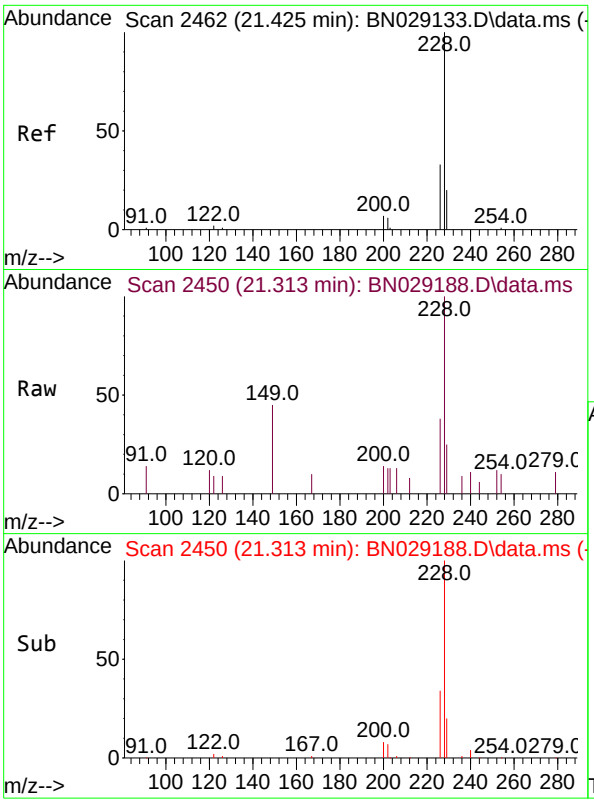


#32
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.259 min Scan# 2444
Delta R.T. -0.117 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:228 Resp: 1141

Ion	Ratio	Lower	Upper
228	100		
226	36.2	27.8	41.6
229	24.5	18.0	27.0



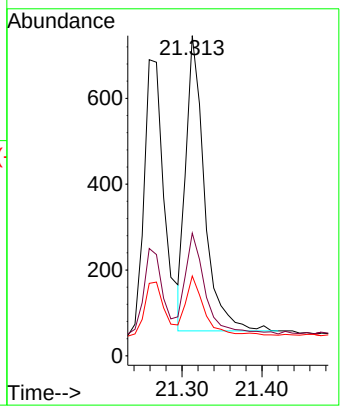


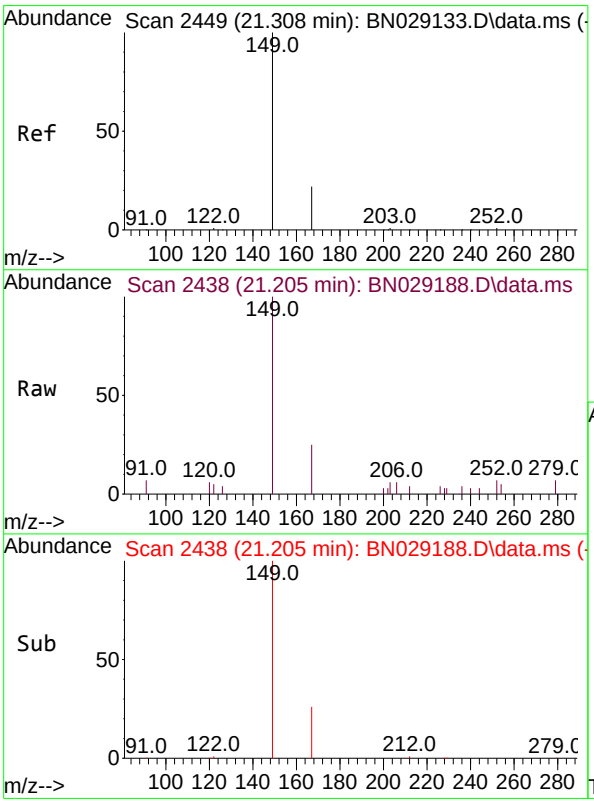
#33
Chrysene
Concen: 0.329 ng
RT: 21.313 min Scan# 24
Delta R.T. -0.108 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 1112

Ion	Ratio	Lower	Upper
228	100		
226	38.3	32.0	48.0
229	24.9	17.7	26.5

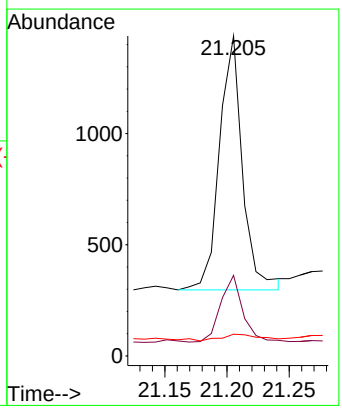


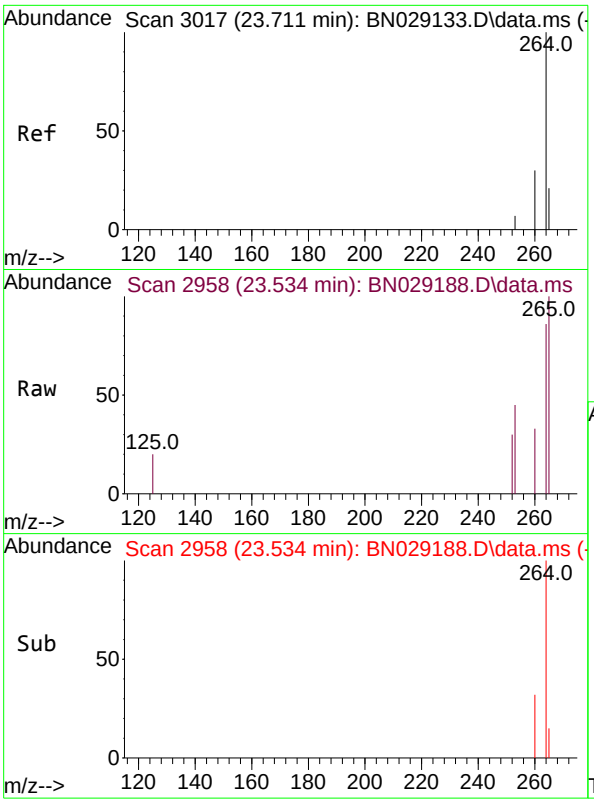


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.205 min Scan# 2438
Delta R.T. -0.108 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:149 Resp: 1474

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.8	31.2
279	4.3	1.7	2.5#



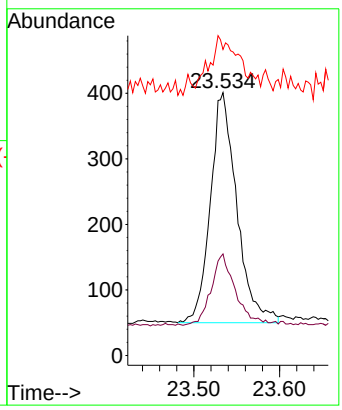


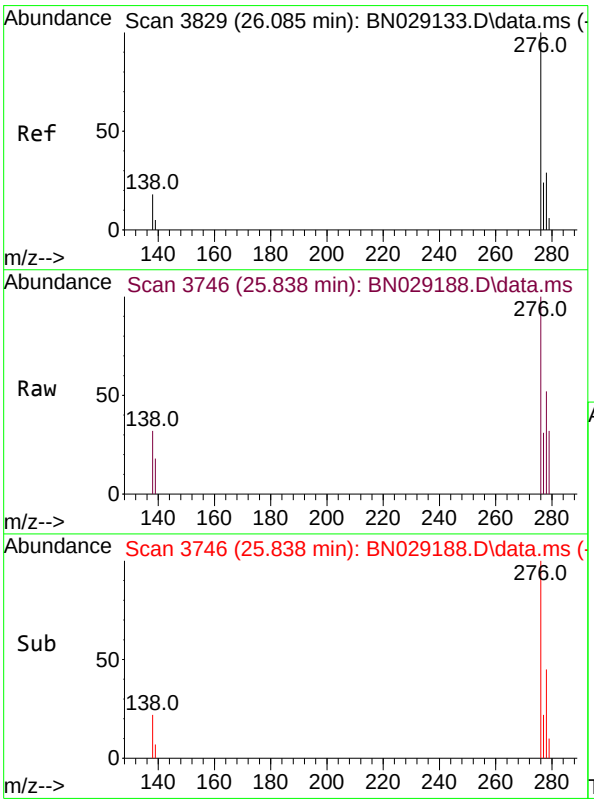
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.534 min Scan# 2
Delta R.T. -0.176 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 752

Ion	Ratio	Lower	Upper
264	100		
260	38.7	27.1	40.7
265	116.5	99.4	149.2

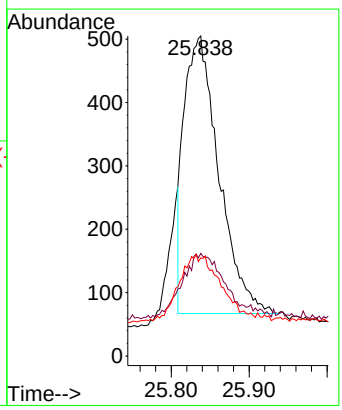


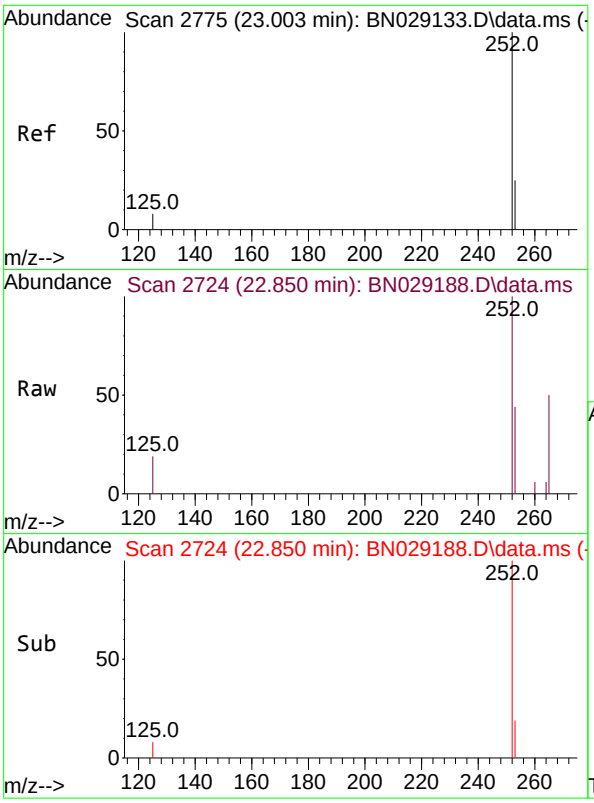


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng
RT: 25.838 min Scan# 3746
Delta R.T. -0.257 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:276 Resp: 1359

Ion	Ratio	Lower	Upper
276	100		
138	3.6	6.9	10.3#
277	4.0	18.4	27.6#



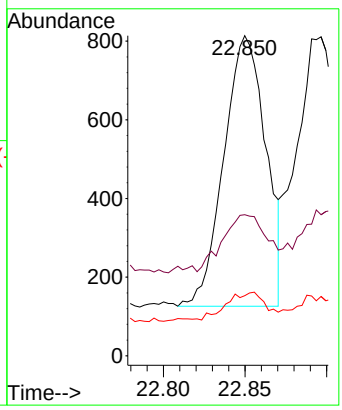


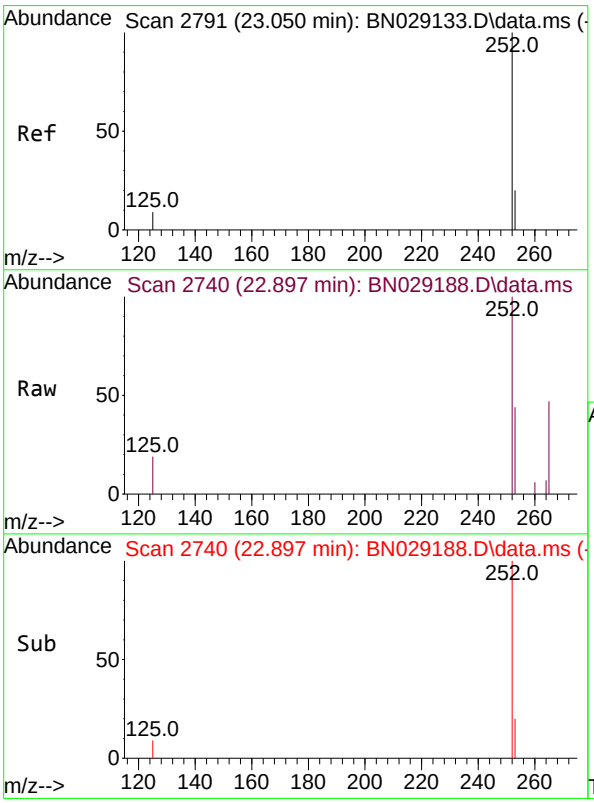
#37
Benzo(b)fluoranthene
Concen: 0.311 ng
RT: 22.850 min Scan# 2
Delta R.T. -0.158 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 1229

Ion	Ratio	Lower	Upper
252	100		
253	44.1	33.4	50.0
125	18.8	14.6	21.8

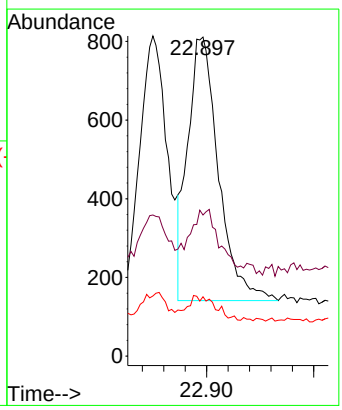


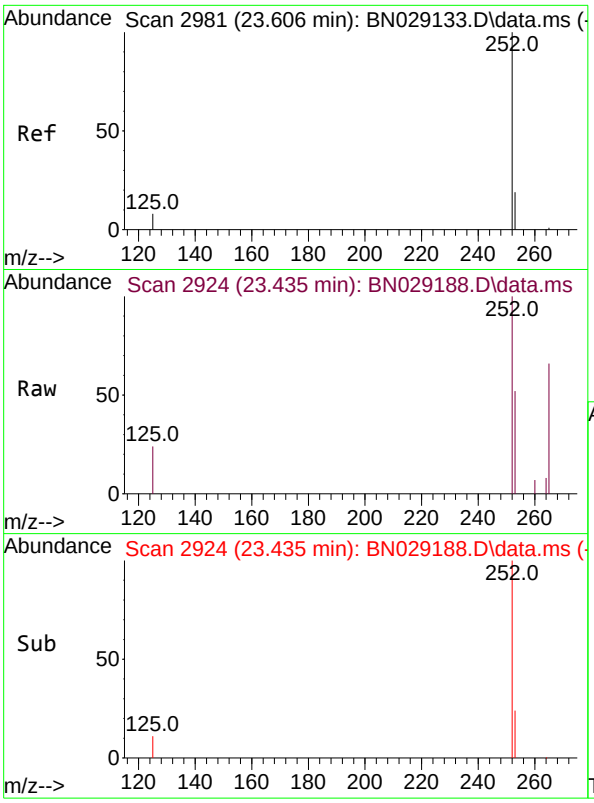


#38
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.897 min Scan# 2740
Delta R.T. -0.155 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:252 Resp: 1340

Ion	Ratio	Lower	Upper
252	100		
253	44.3	33.3	49.9
125	18.6	14.0	21.0



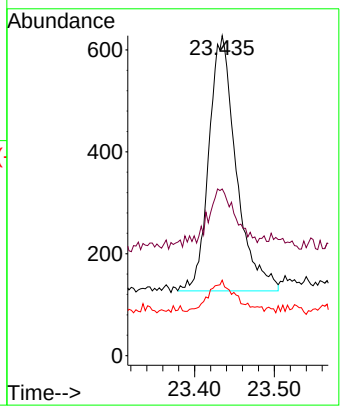


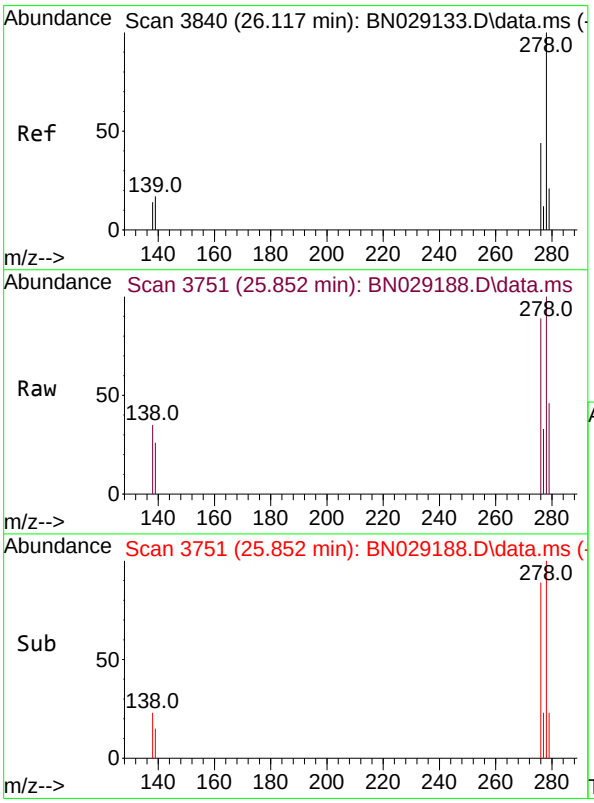
#39
Benzo(a)pyrene
Concen: 0.331 ng
RT: 23.435 min Scan# 2
Delta R.T. -0.176 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 1195

Ion	Ratio	Lower	Upper
252	100		
253	52.1	39.7	59.5
125	23.6	17.9	26.9

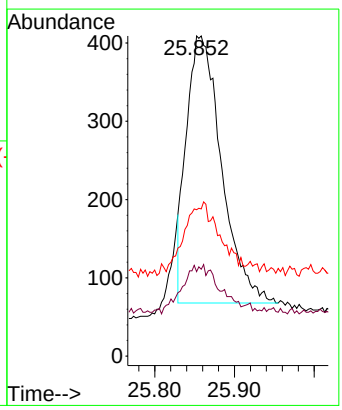


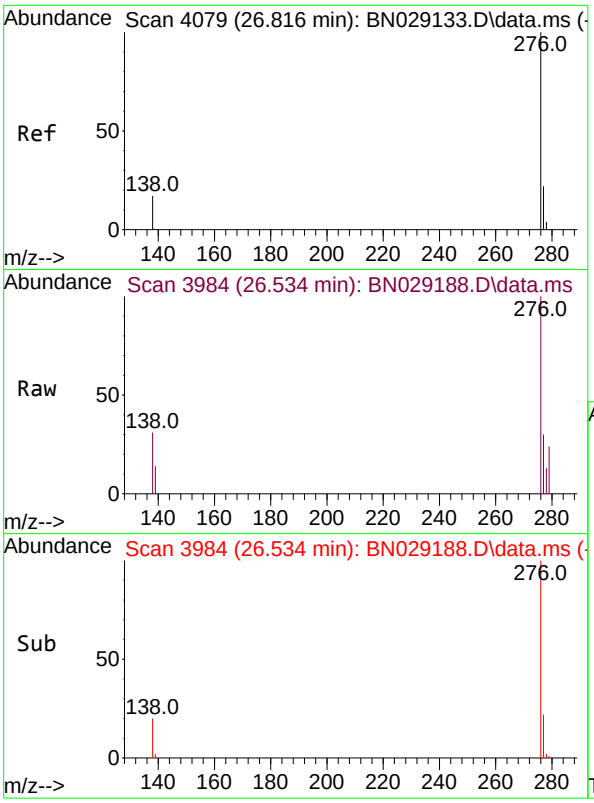


#40
Dibenzo(a,h)anthracene
Concen: 0.272 ng
RT: 25.852 min Scan# 3751
Delta R.T. -0.263 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Tgt Ion:278 Resp: 1044

Ion	Ratio	Lower	Upper
278	100		
139	26.4	21.8	32.6
279	45.7	39.9	59.9





#41
Benzo(g,h,i)perylene
Concen: 0.173 ng
RT: 26.534 min Scan# 3
Delta R.T. -0.281 min
Lab File: BN029188.D
Acq: 26 Dec 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 744

Ion	Ratio	Lower	Upper
276	100		
277	29.8	24.2	36.4
138	31.0	25.5	38.3