Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028277.D
Acq On : 13 Oct 2023 14:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 13 17:26:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.878	152	3681	0.400	ng		-0.01
7) Naphthalene-d8	10.703	136	11826	0.400	ng		-0.01
13) Acenaphthene-d10	14.534	164	7256	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	16247	0.400	ng		#-0.01
29) Chrysene-d12	21.498	240	16332	0.400	ng		0.00
35) Perylene-d12	23.955	264	19022	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	4190	0.367	ng		-0.01
5) Phenol-d6	7.041	99	5368	0.381	ng		-0.01
8) Nitrobenzene-d5	9.080	82	3850	0.367	ng		-0.02
11) 2-Methylnaphthalene-d10	12.290	152	7123	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.040	330	1146	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.155	172	10275	0.402	ng		-0.01
27) Fluoranthene-d10	19.333	212	16917	0.389	ng		0.00
31) Terphenyl-d14	19.923	244	13693	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.292	88	2038	0.458	ng	#	88
3) n-Nitrosodimethylamine	3.653	42	1955	0.402	ng		99
6) bis(2-Chloroethyl)ether	7.315	93	4405	0.406	ng		98
9) Naphthalene	10.746	128	12526	0.408	ng		100
10) Hexachlorobutadiene	10.960	225	2094	0.398	ng	#	99
12) 2-Methylnaphthalene	12.366	142	8784	0.403	ng		100
16) Acenaphthylene	14.266	152	12175	0.373	ng		99
17) Acenaphthene	14.598	154	8421	0.410	ng		100
18) Fluorene	15.581	166	10895	0.403	ng		99
20) 4,6-Dinitro-2-methylph...	15.730	198	367	0.496	ng		95
21) 4-Bromophenyl-phenylether	16.475	248	3338	0.399	ng	#	82
22) Hexachlorobenzene	16.562	284	3495	0.406	ng		99
23) Atrazine	16.760	200	2766	0.353	ng		100
24) Pentachlorophenol	16.946	266	1275	0.324	ng		97
25) Phenanthrene	17.344	178	17928	0.403	ng		100
26) Anthracene	17.430	178	16095	0.379	ng		100
28) Fluoranthene	19.365	202	21702	0.388	ng		99
30) Pyrene	19.732	202	22468	0.402	ng		99
32) Benzo(a)anthracene	21.480	228	23010	0.397	ng		98
33) Chrysene	21.533	228	22470	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.354	149	15858	0.358	ng		96
36) Indeno(1,2,3-cd)pyrene	26.531	276	29585	0.386	ng		99
37) Benzo(b)fluoranthene	23.198	252	23367	0.393	ng		95
38) Benzo(k)fluoranthene	23.244	252	24090	0.398	ng	#	95
39) Benzo(a)pyrene	23.847	252	23032	0.389	ng		95
40) Dibenzo(a,h)anthracene	26.548	278	24103	0.387	ng		95
41) Benzo(g,h,i)perylene	27.337	276	25215	0.392	ng		96

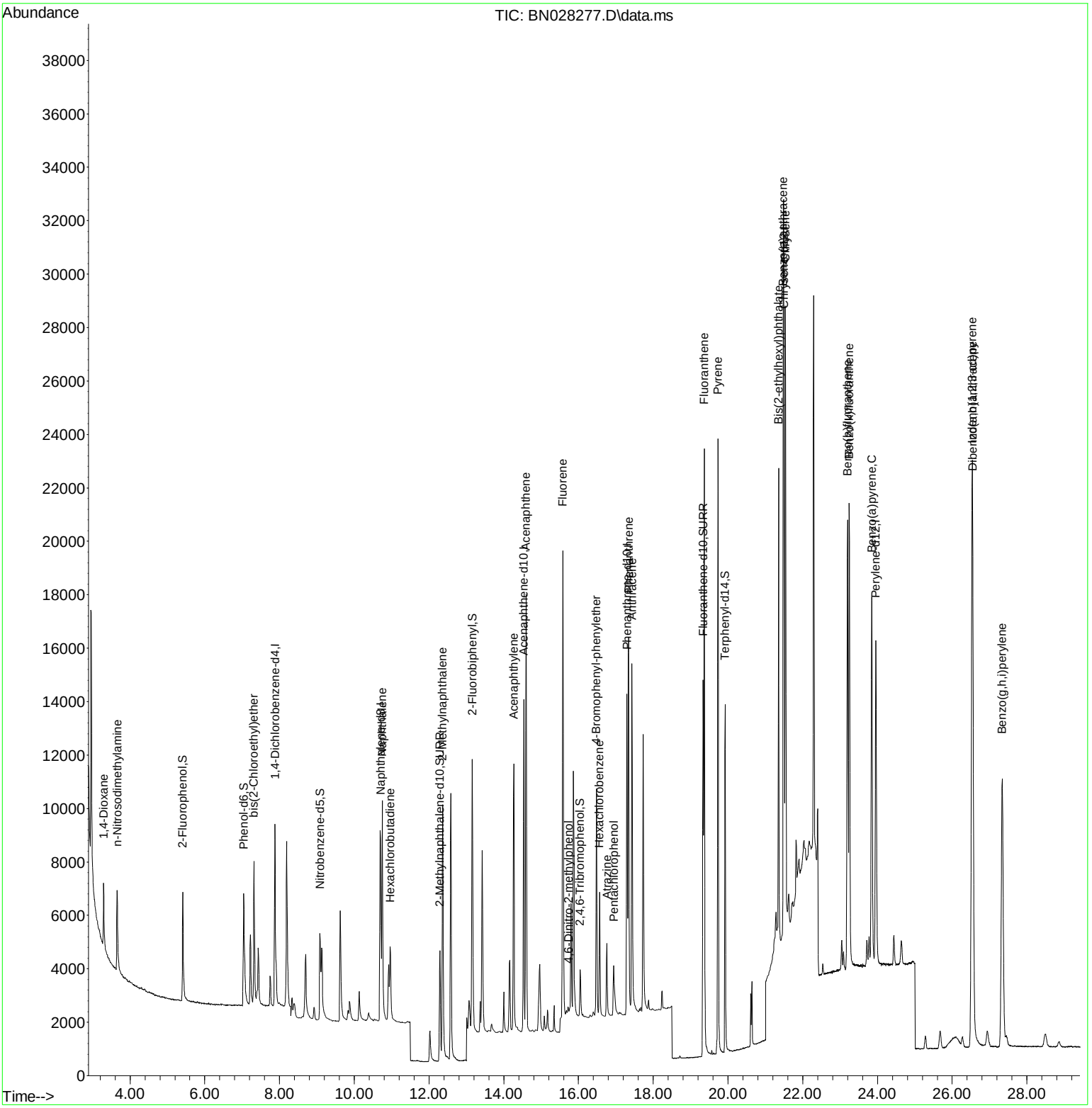
(#) = qualifier out of range (m) = manual integration (+) = signals summed

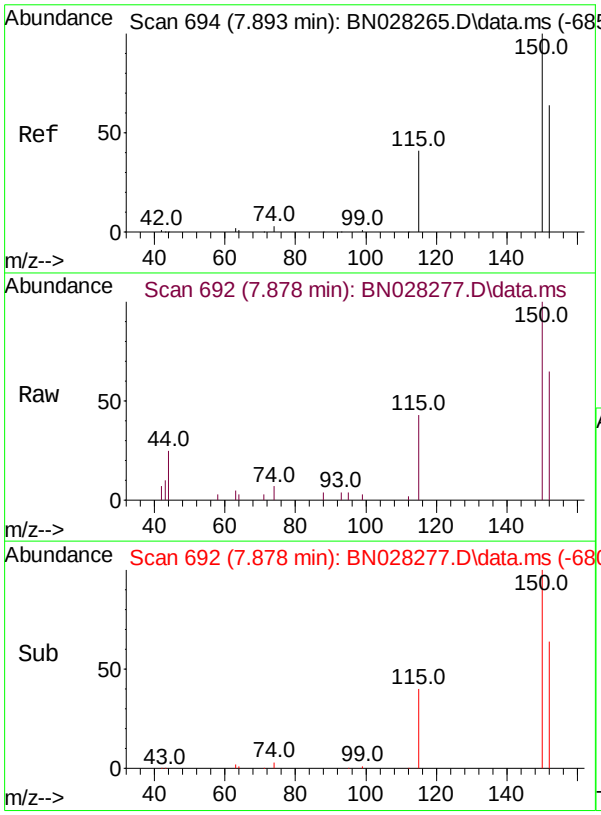
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028277.D
Acq On : 13 Oct 2023 14:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 13 17:26:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration



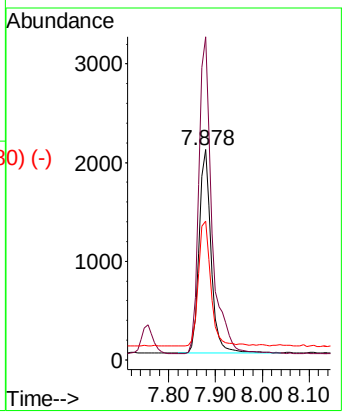


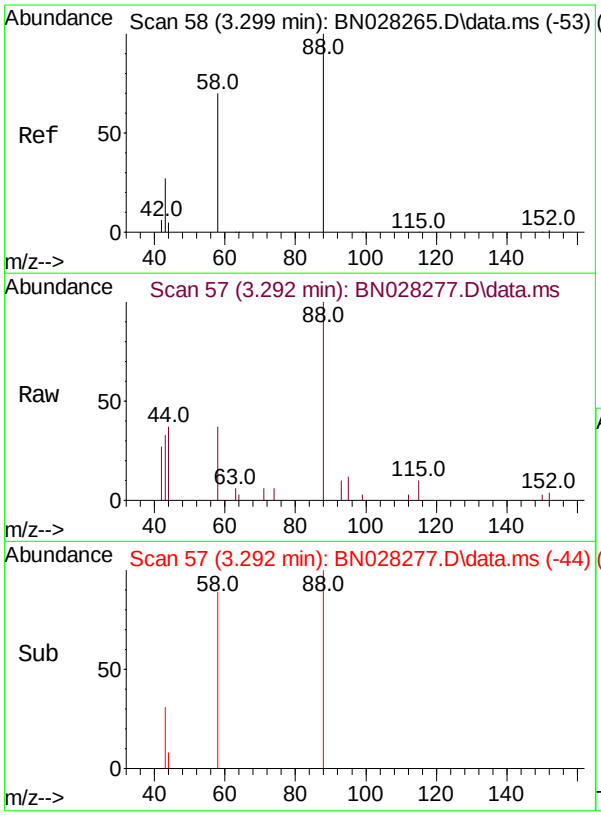
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3681

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.6	182.4
115	66.0	54.3	81.5

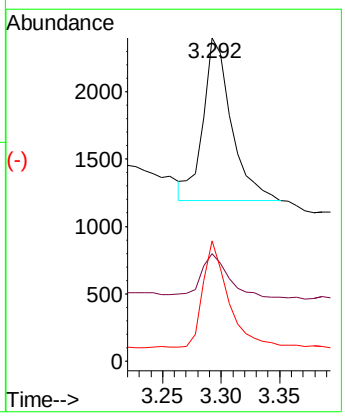


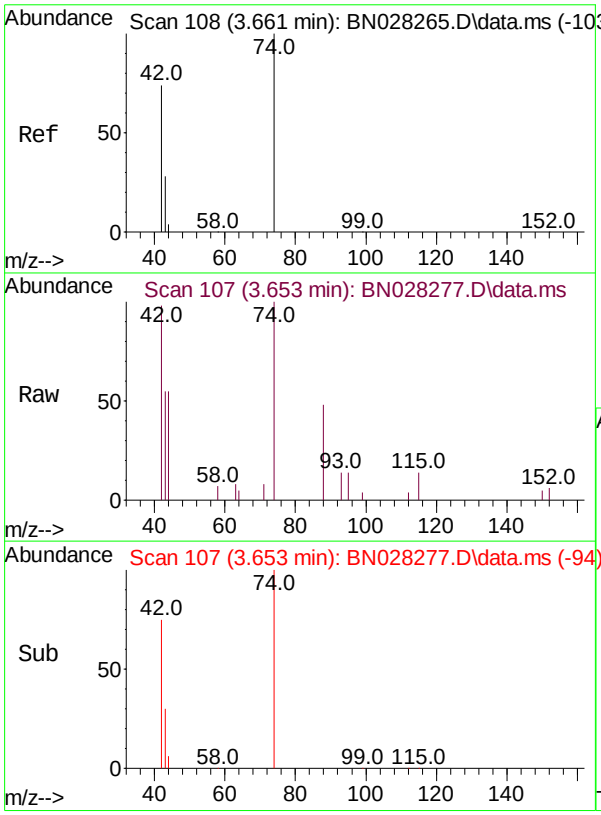


#2
1,4-Dioxane
Concen: 0.458 ng
RT: 3.292 min Scan# 57
Delta R.T. -0.007 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion: 88 Resp: 2038

Ion	Ratio	Lower	Upper
88	100		
43	25.8	26.6	39.8#
58	60.1	55.4	83.0



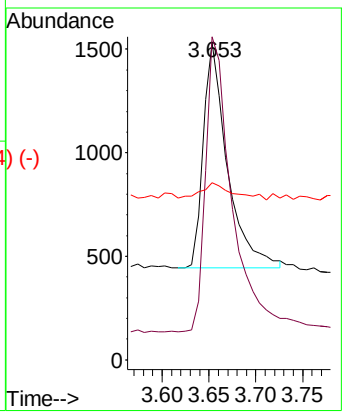


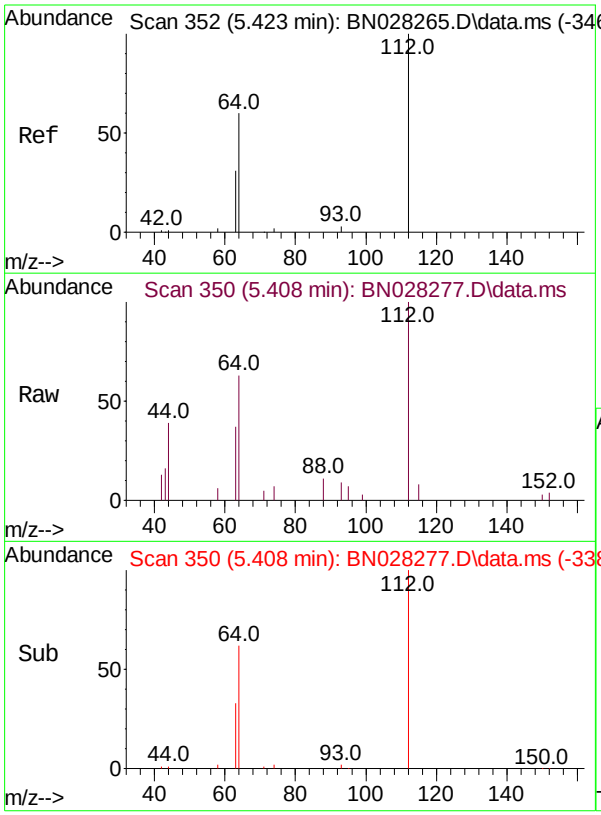
#3
n-Nitrosodimethylamine
Concen: 0.402 ng
RT: 3.653 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1955

Ion	Ratio	Lower	Upper
42	100		
74	141.7	112.6	168.8
44	10.2	7.8	11.6

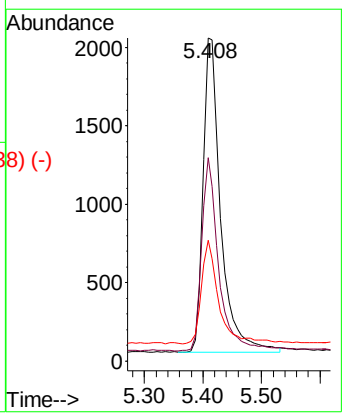


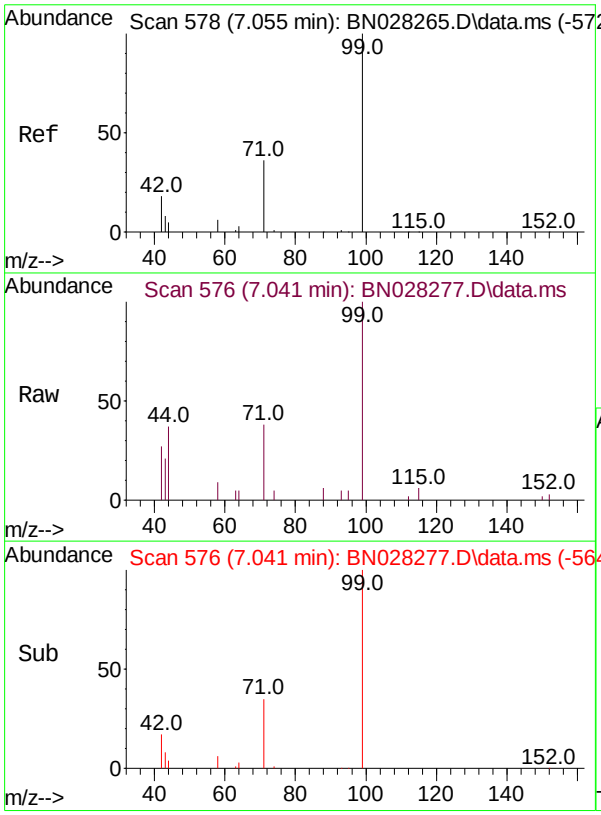


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.408 min Scan# 350
Delta R.T. -0.014 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:112 Resp: 4190

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.9	70.3
63	32.5	25.0	37.4



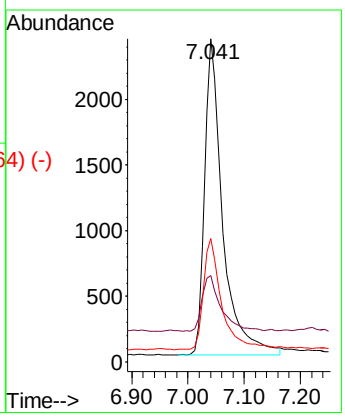


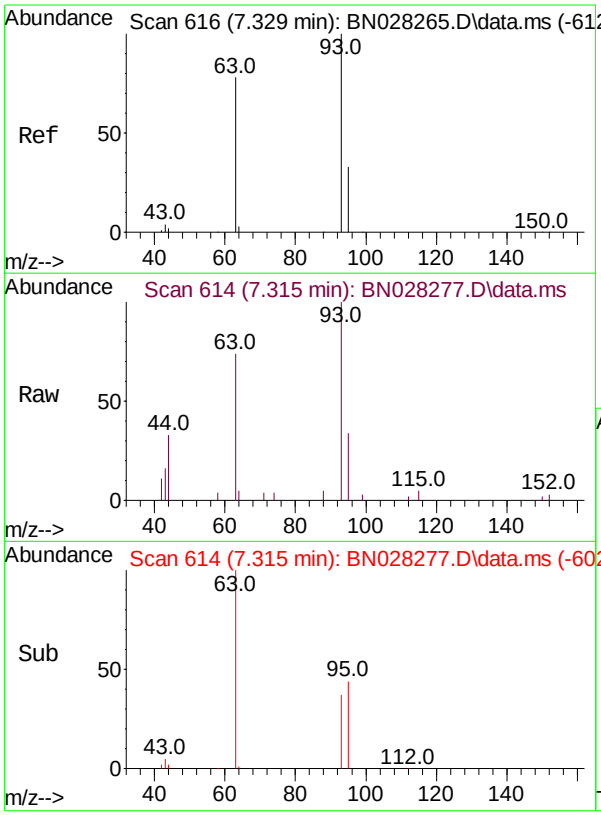
#5
Phenol-d6
Concen: 0.381 ng
RT: 7.041 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5368

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.9	23.9
71	35.3	28.6	42.8

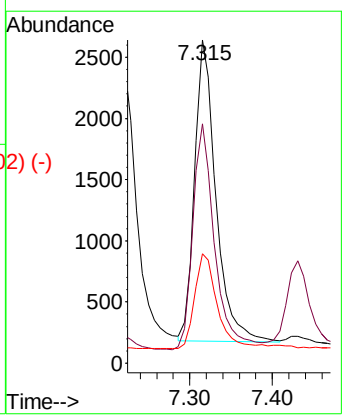


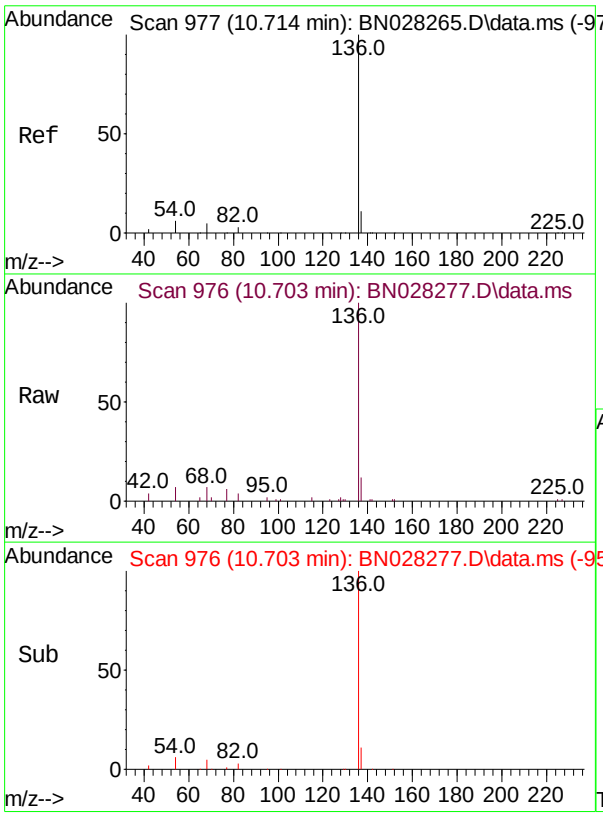


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.014 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion: 93 Resp: 4405

Ion	Ratio	Lower	Upper
93	100		
63	76.2	62.6	93.8
95	34.0	27.2	40.8



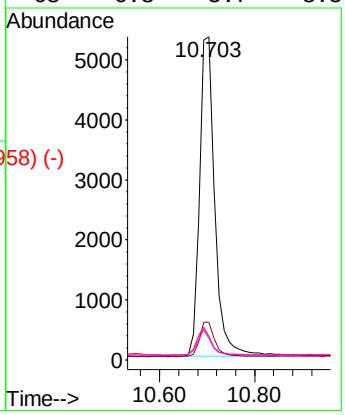


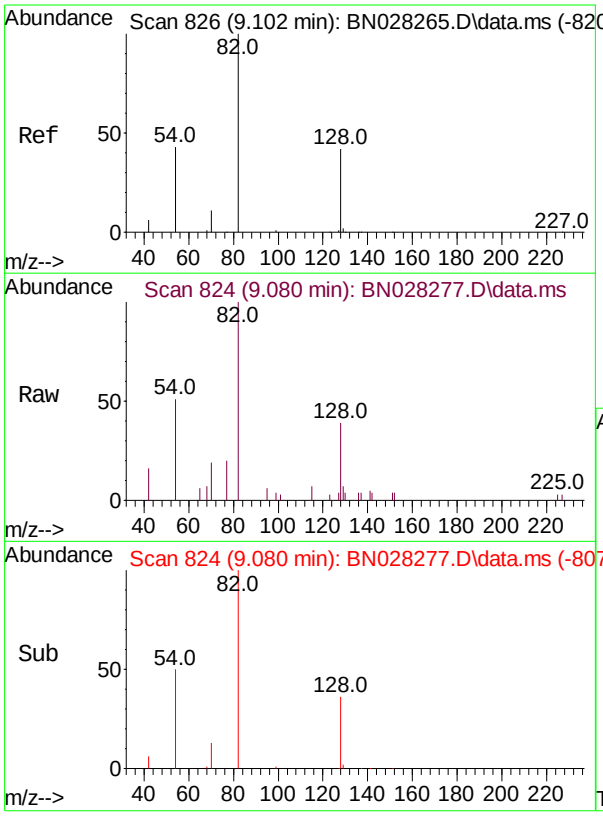
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11826

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	7.3	6.2	9.4
68	6.8	5.7	8.5

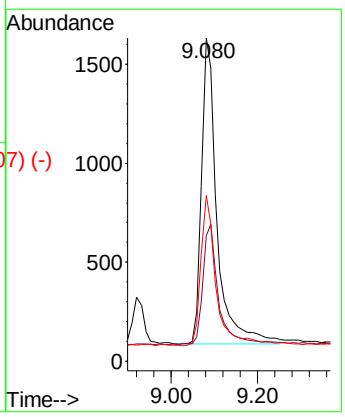


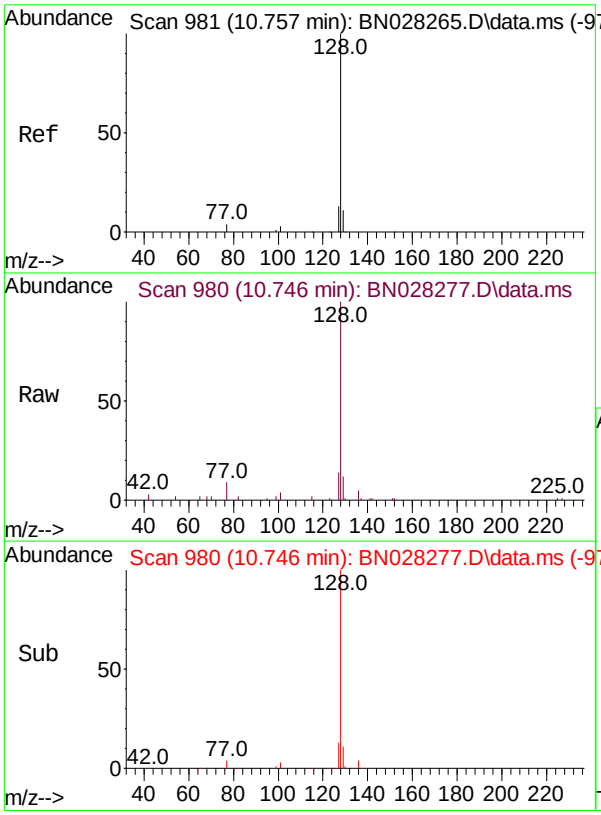


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion: 82 Resp: 3850

Ion	Ratio	Lower	Upper
82	100		
128	38.7	36.8	55.2
54	51.4	37.4	56.2



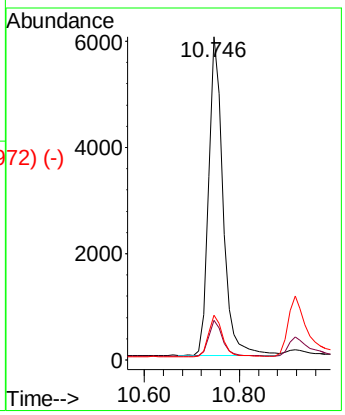


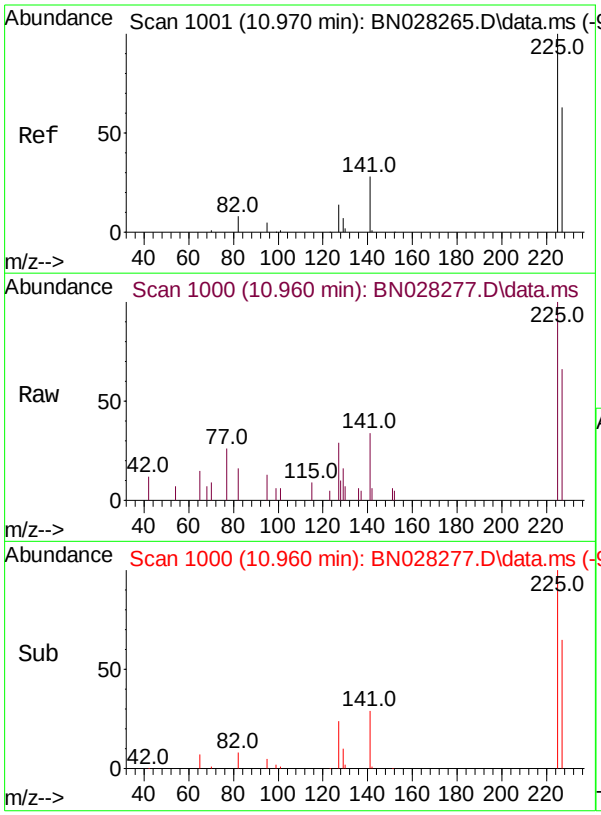
#9
Naphthalene
Concen: 0.408 ng
RT: 10.746 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 12526

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	13.9	11.4	17.0

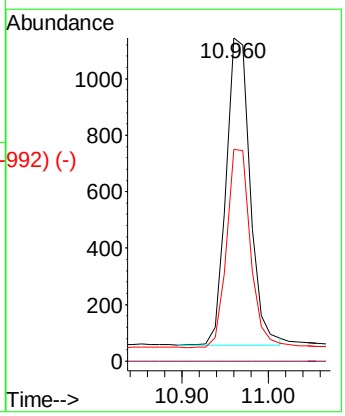


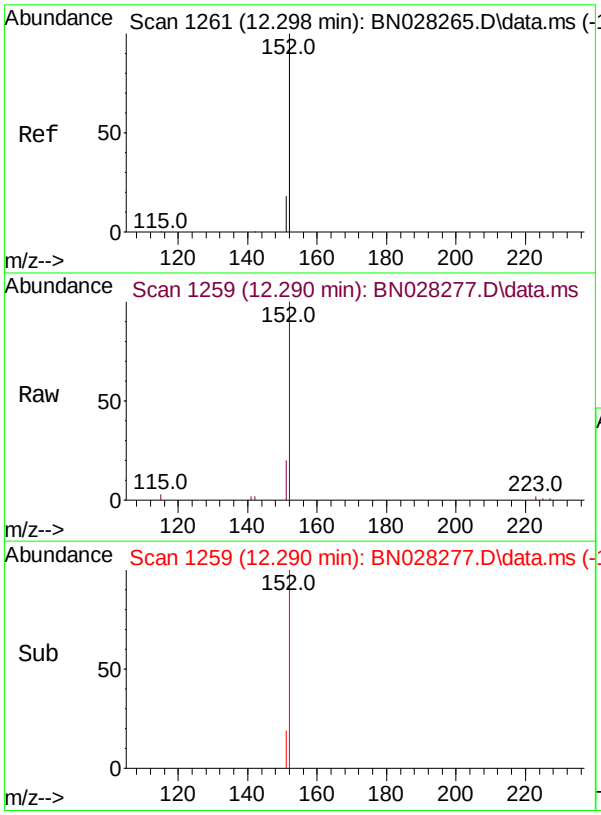


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.960 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:225 Resp: 2094

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.6	77.4



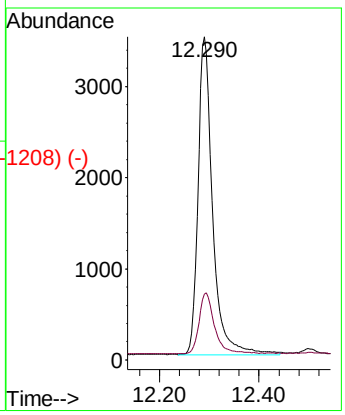


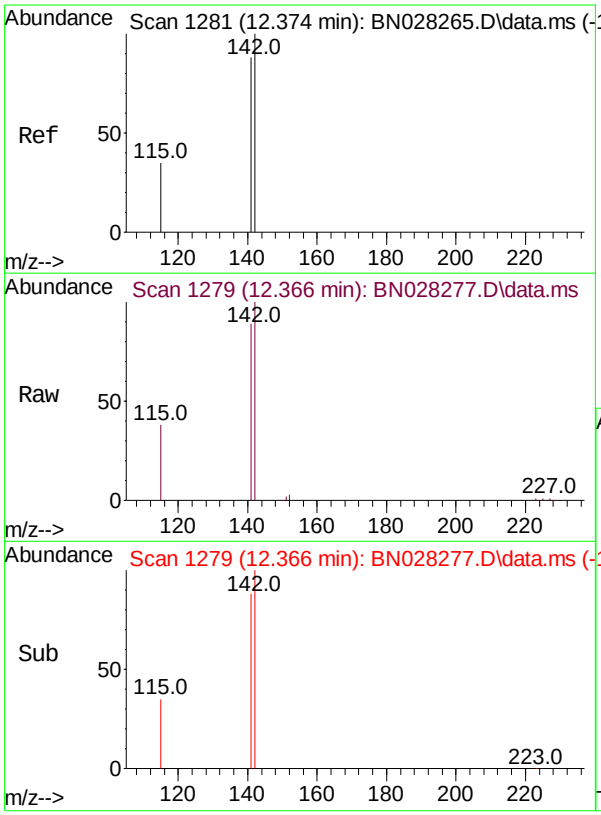
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.290 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7123

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

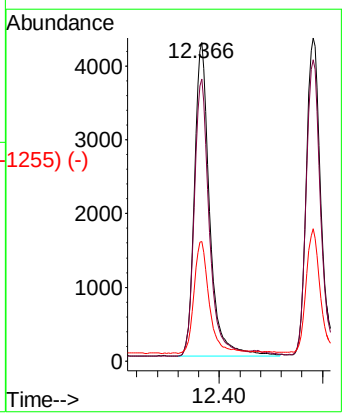


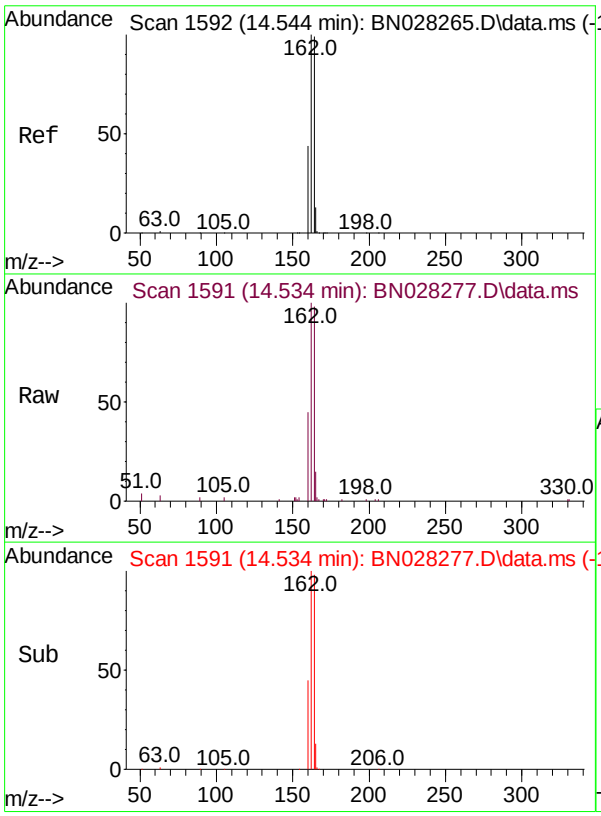


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.366 min Scan# 1279
Delta R.T. -0.008 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:142 Resp: 8784

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	37.5	29.9	44.9



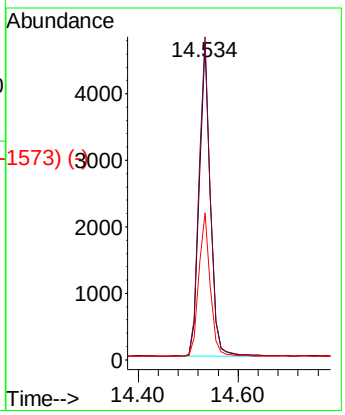


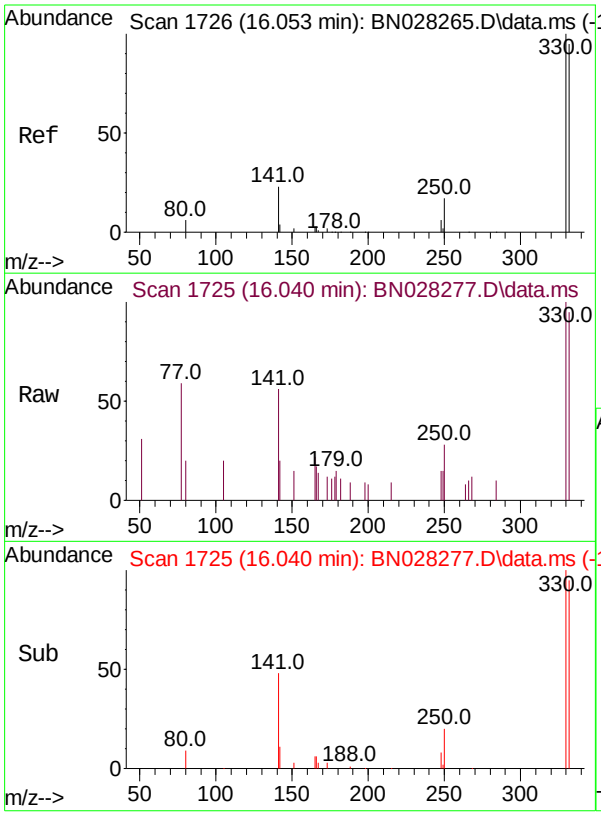
#18
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7256

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	46.5	36.6	54.8

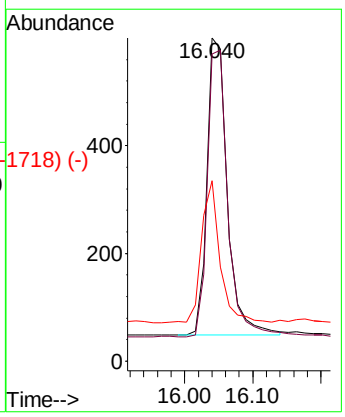


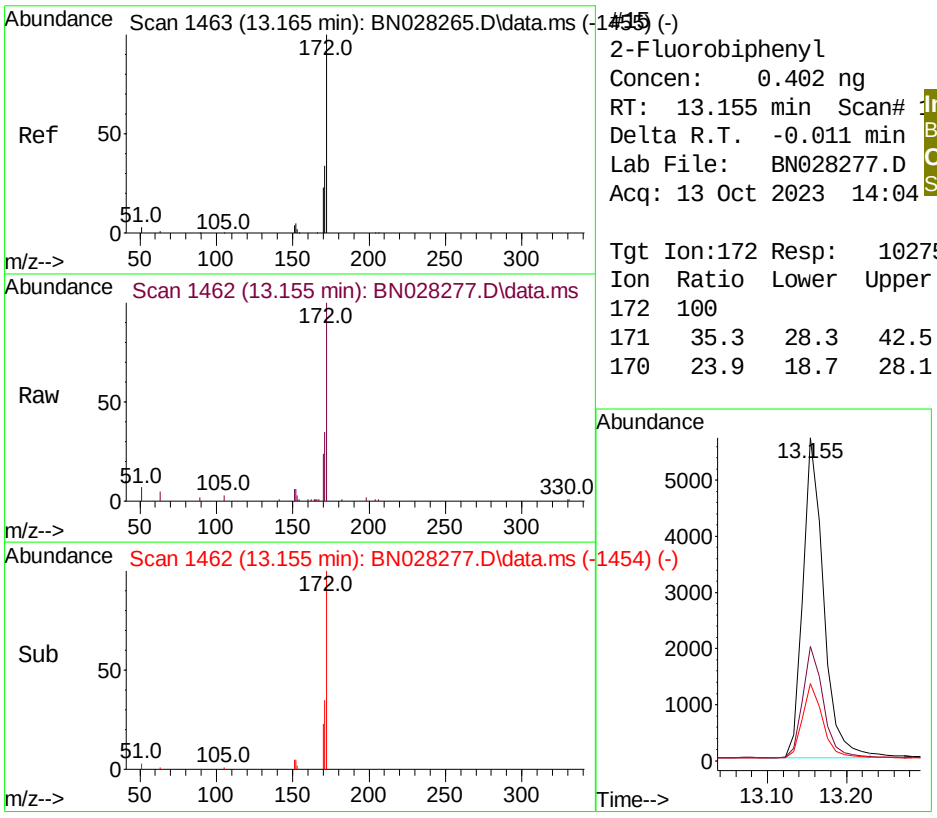


#24
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:330 Resp: 1146

Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.1	111.1
141	43.7	32.1	48.1



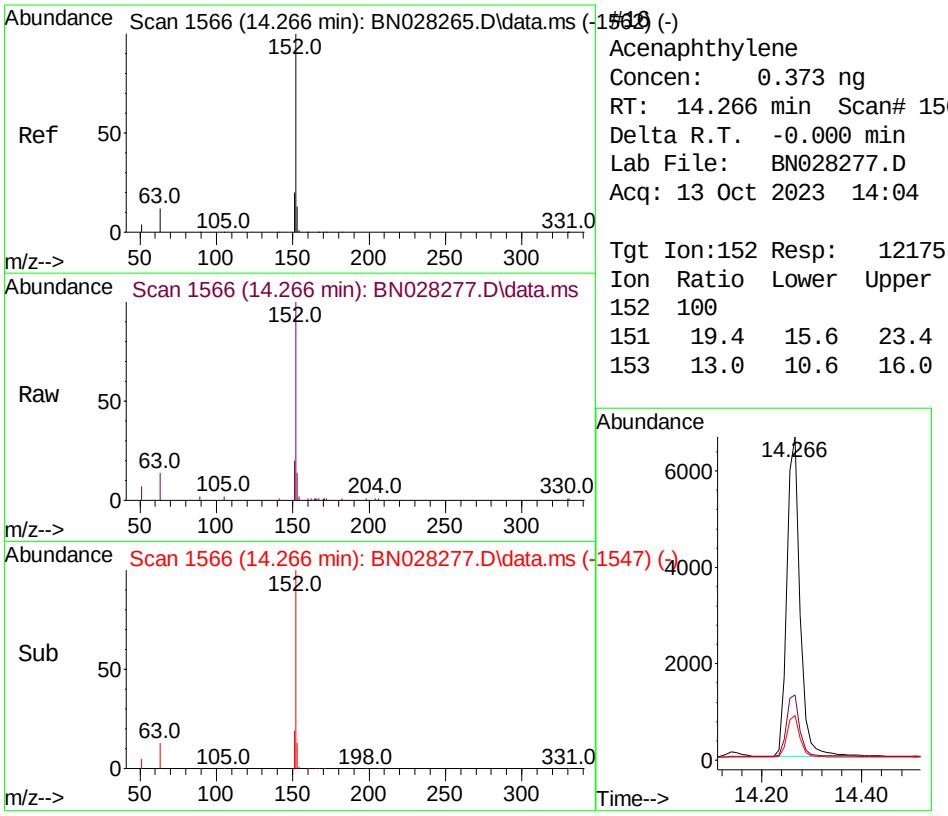


#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.155 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10275

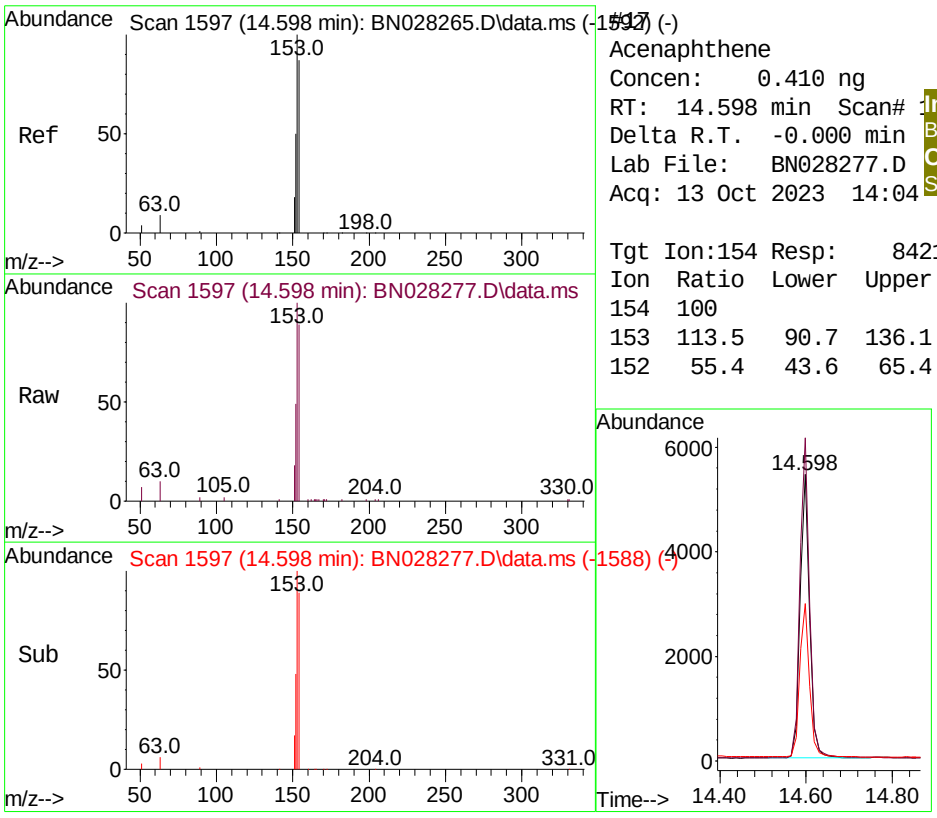
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.9	18.7	28.1



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.266 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:152 Resp: 12175

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.6	16.0

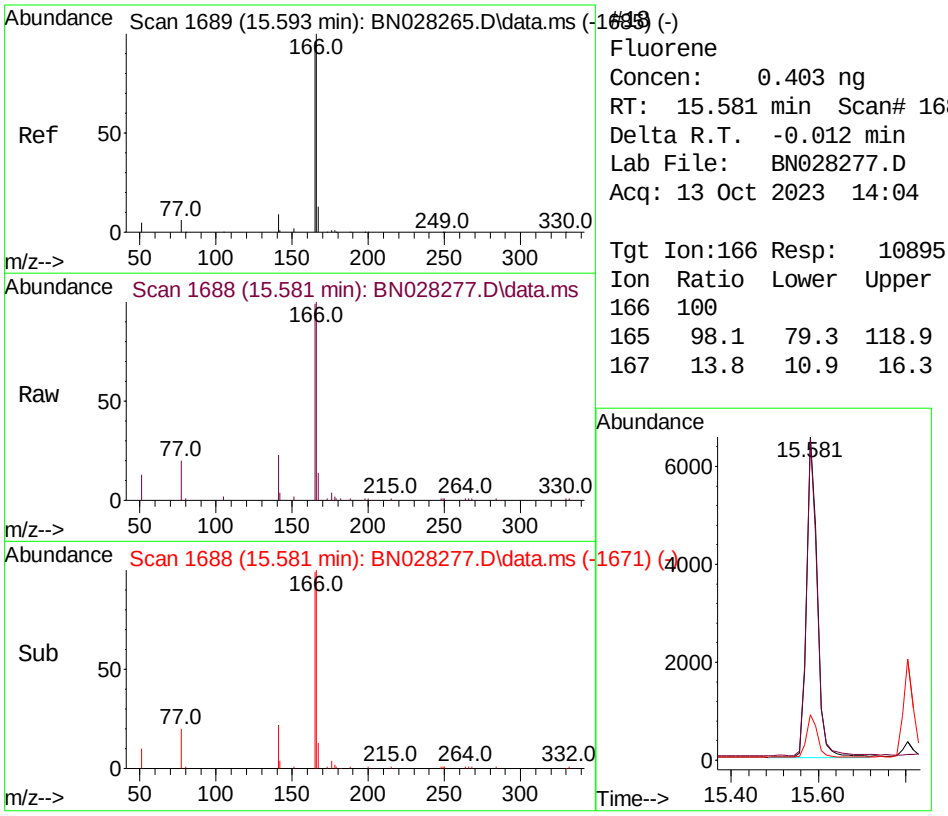


#17
Acenaphthene
Concen: 0.410 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8421

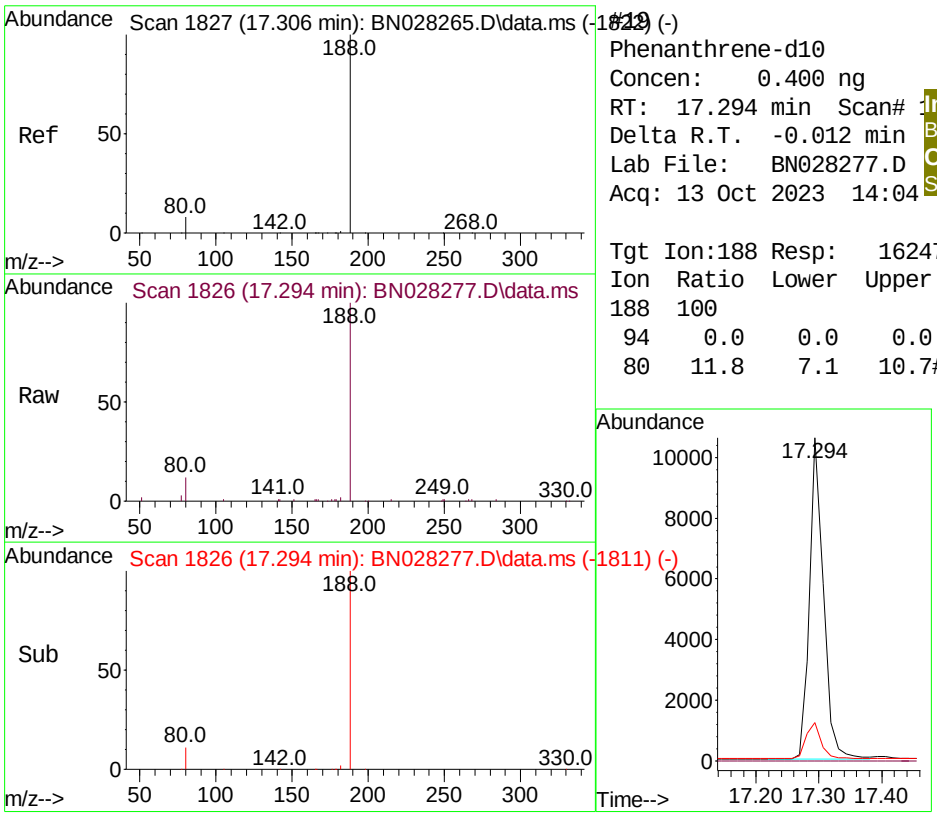
Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.7	136.1
152	55.4	43.6	65.4



#18
Fluorene
Concen: 0.403 ng
RT: 15.581 min Scan# 1688
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:166 Resp: 10895

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.3	118.9
167	13.8	10.9	16.3

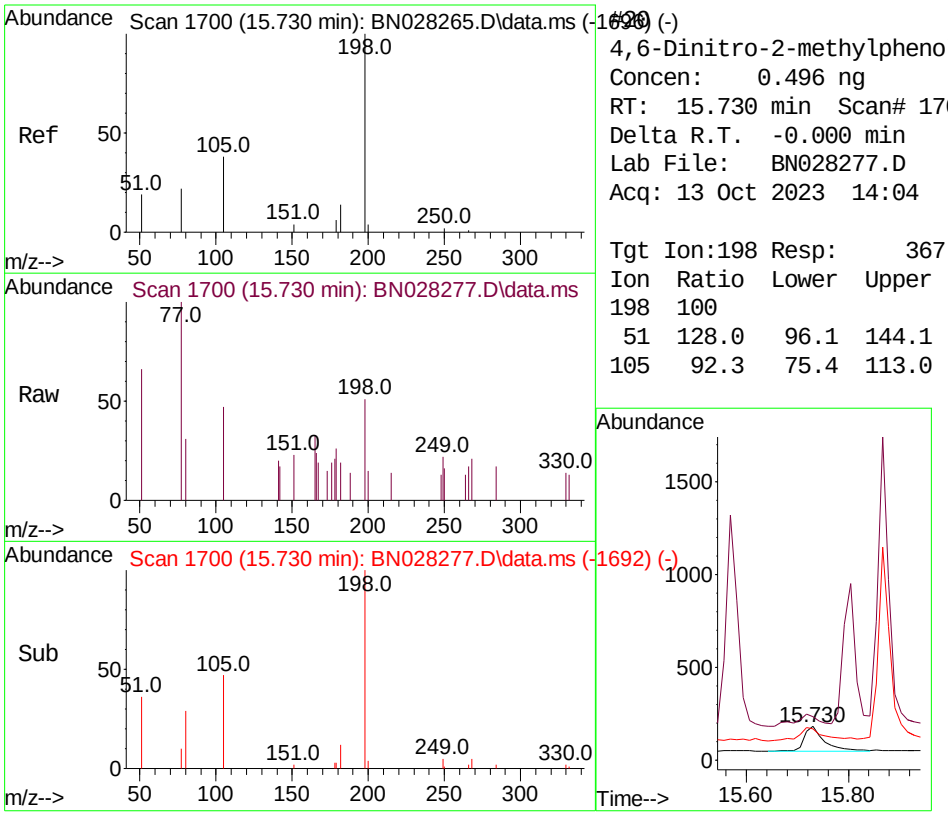


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 16247

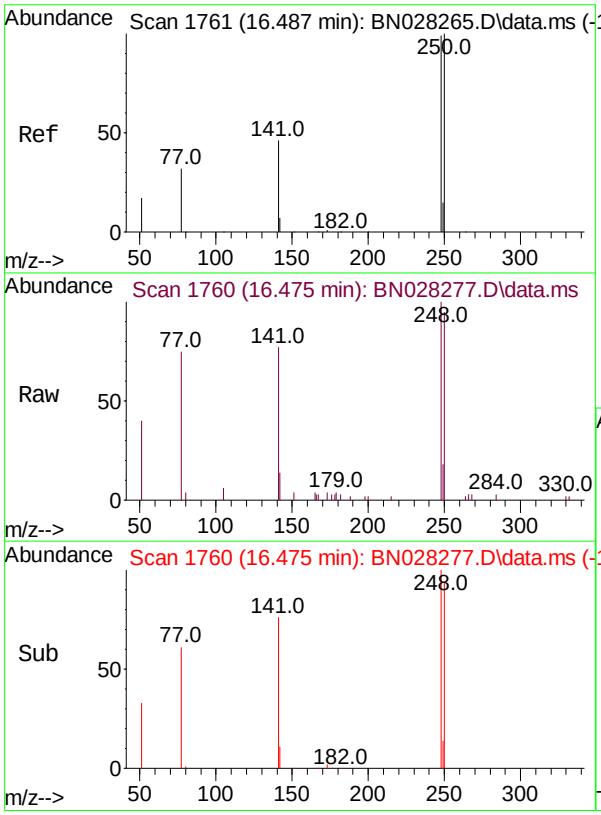
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.1	10.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.496 ng
RT: 15.730 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
51	128.0	96.1	144.1
105	92.3	75.4	113.0

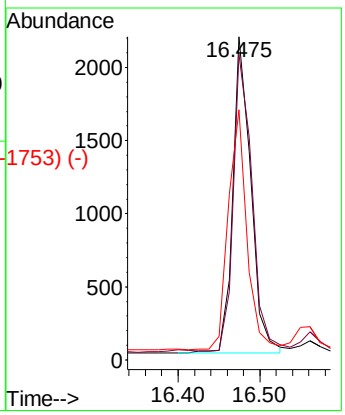


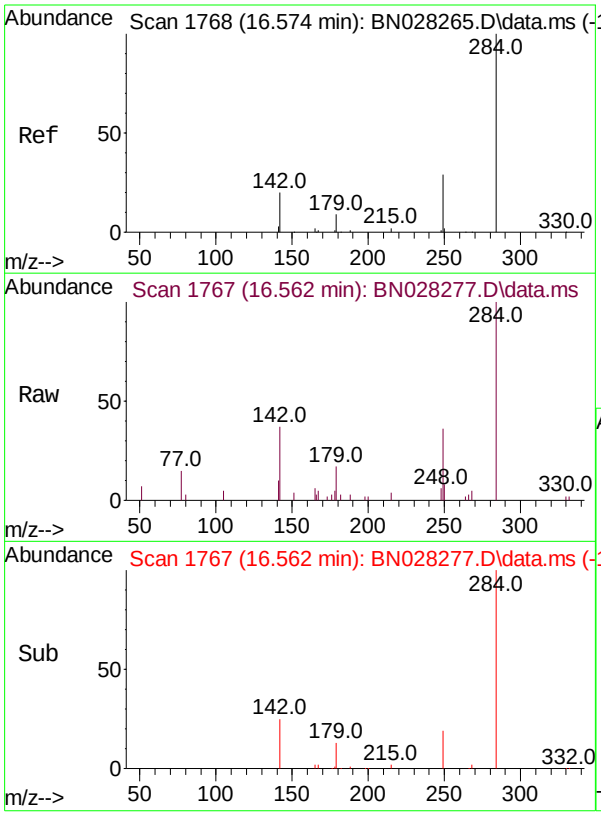
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3338

Ion	Ratio	Lower	Upper
248	100		
250	94.6	80.5	120.7
141	77.3	38.9	58.3#

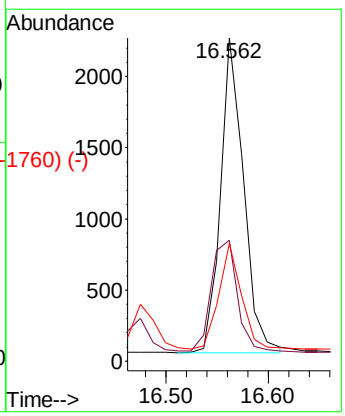


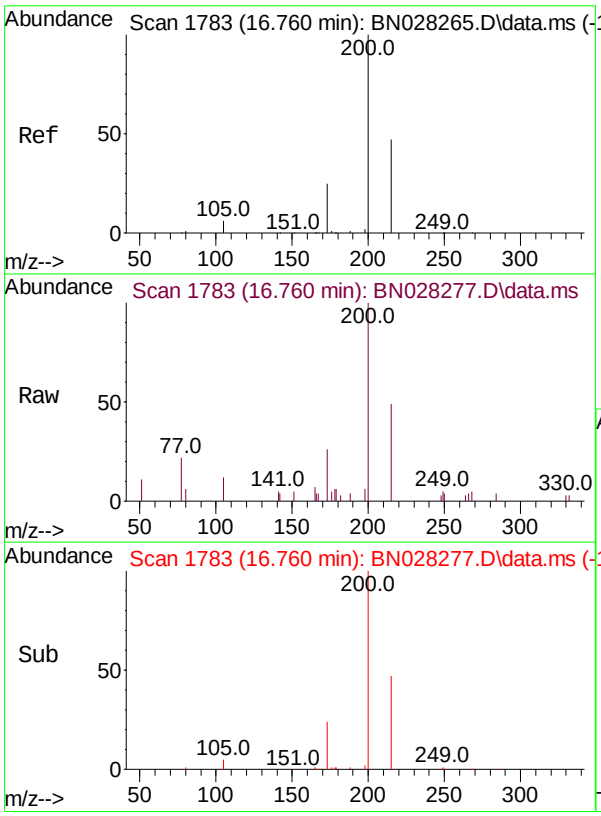


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.562 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:284 Resp: 3495

Ion	Ratio	Lower	Upper
284	100		
142	39.3	32.1	48.1
249	32.7	25.5	38.3



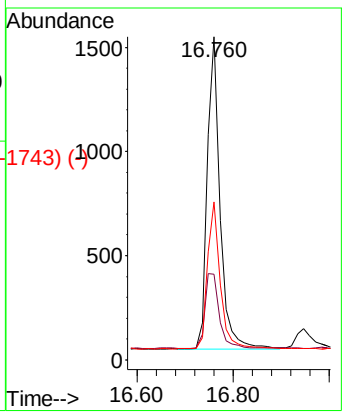


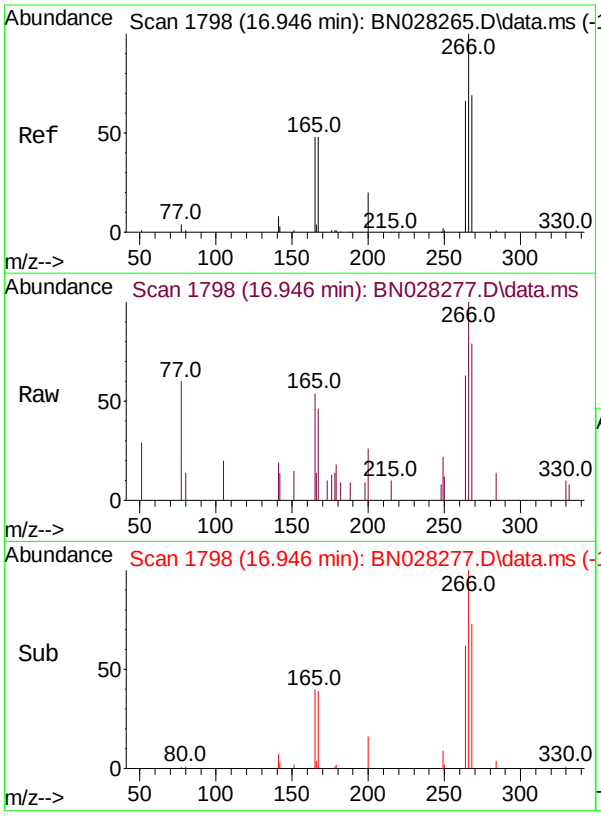
#23
Atrazine
Concen: 0.353 ng
RT: 16.760 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2766

Ion	Ratio	Lower	Upper
200	100		
173	26.4	21.6	32.4
215	48.9	39.0	58.6

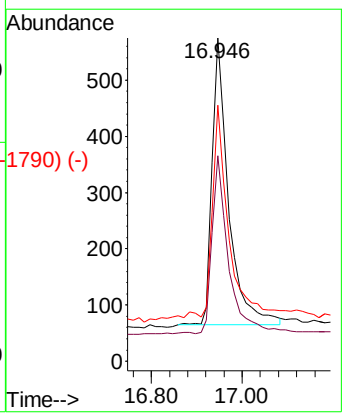


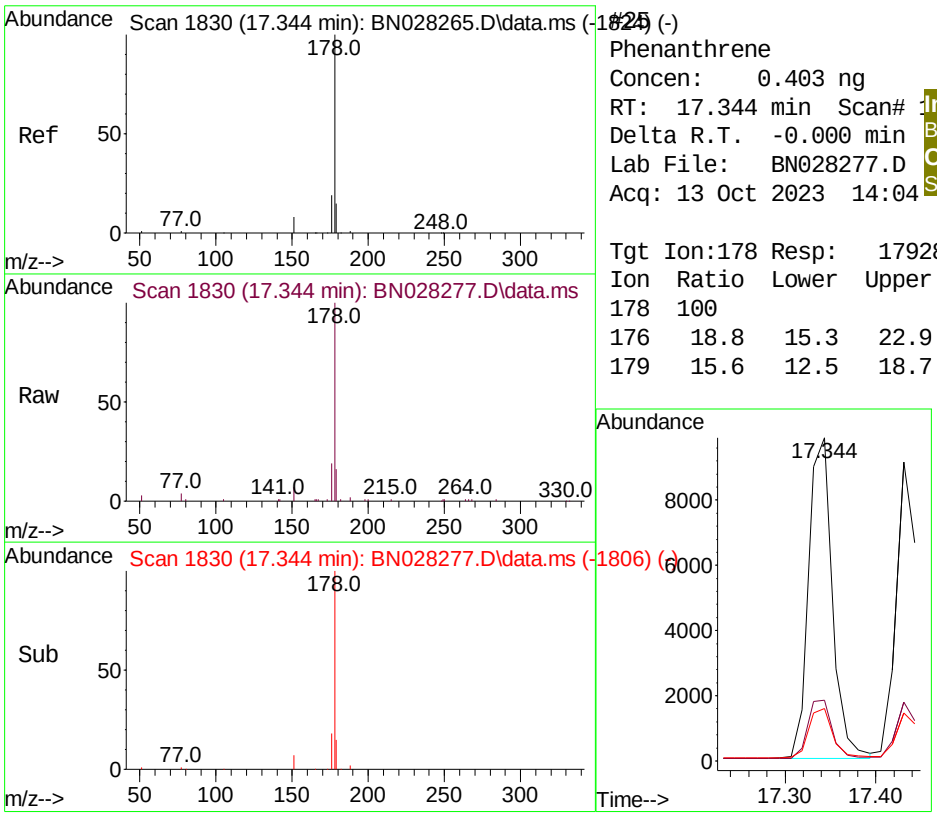


#24
Pentachlorophenol
Concen: 0.324 ng
RT: 16.946 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:266 Resp: 1275

Ion	Ratio	Lower	Upper
266	100		
264	61.6	51.5	77.3
268	72.5	56.6	84.8



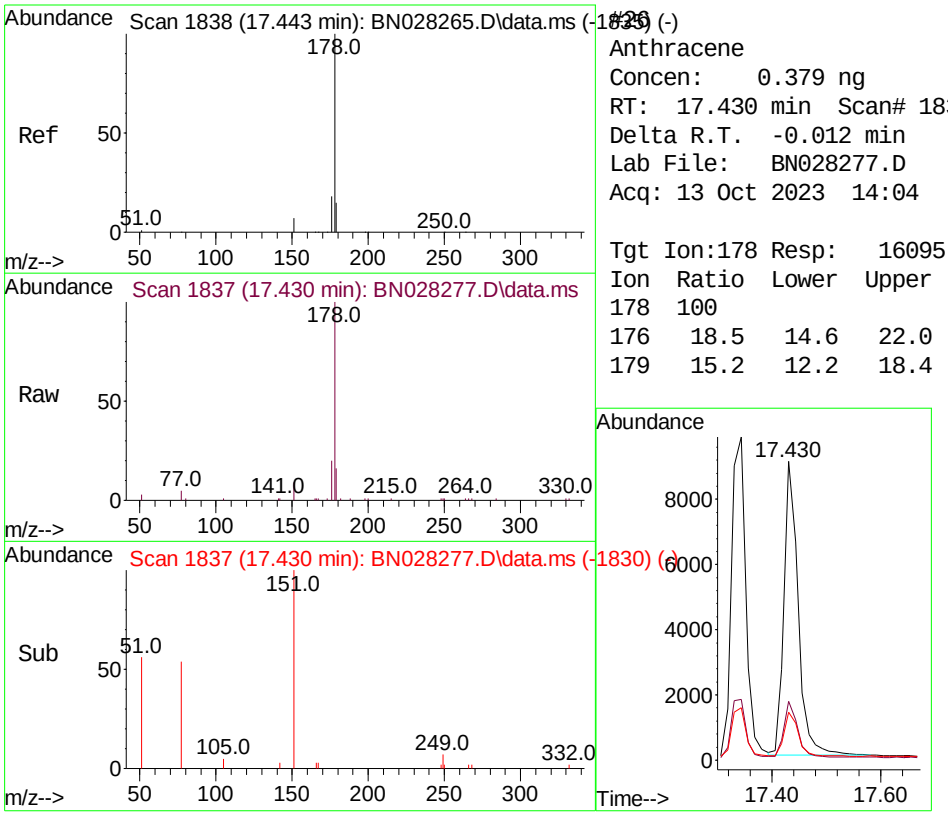


#25
Phenanthrene
Concen: 0.403 ng
RT: 17.344 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17928

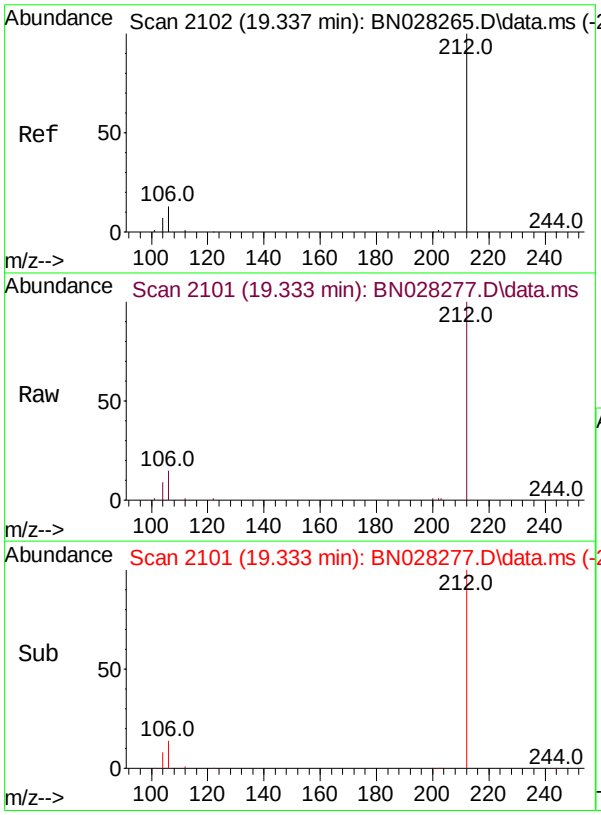
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.5	18.7



#26
Anthracene
Concen: 0.379 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:178 Resp: 16095

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.2	12.2	18.4

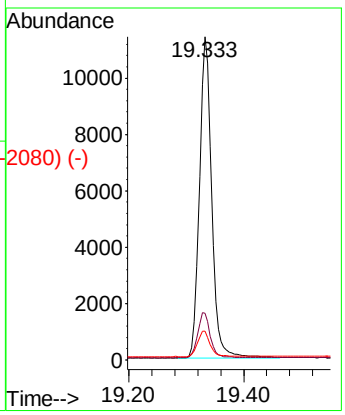


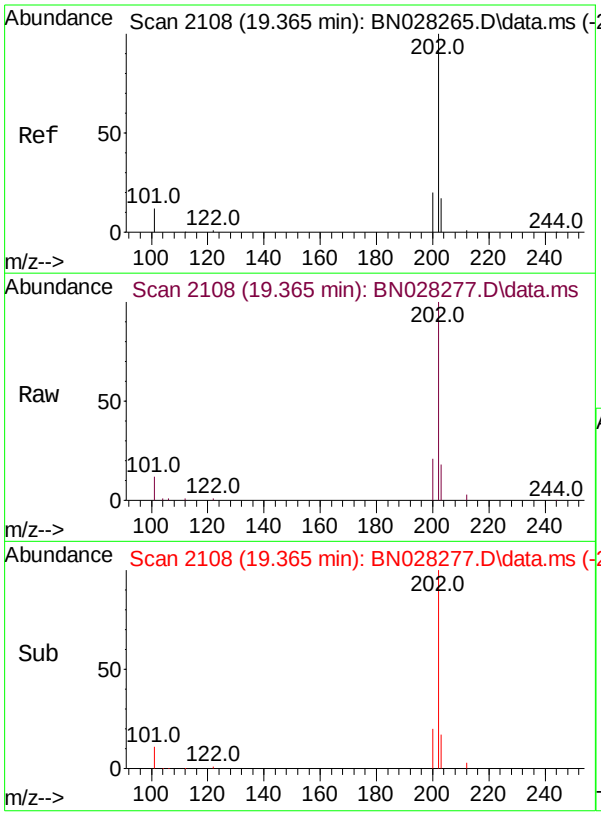
#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.333 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 16917

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.5	17.3
104	8.1	6.7	10.1

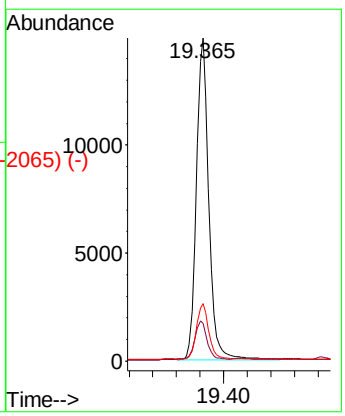


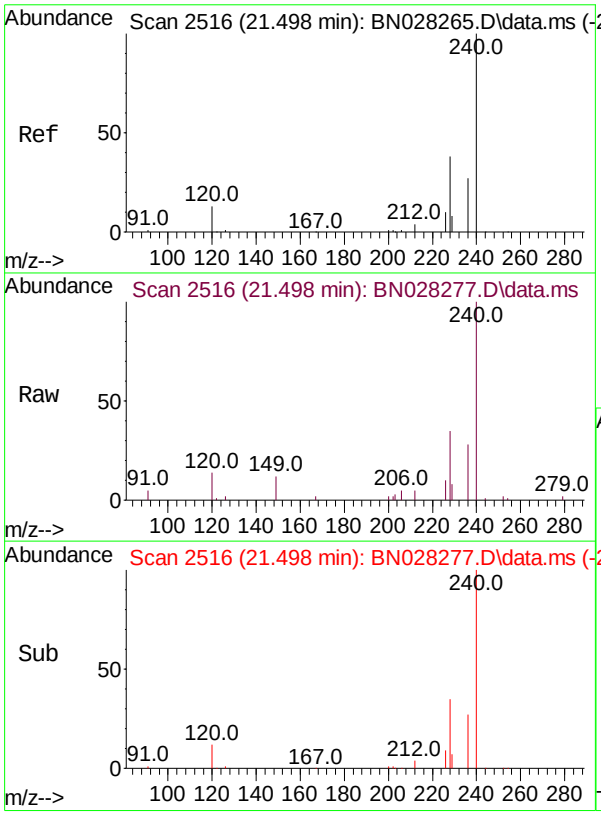


#28
Fluoranthene
Concen: 0.388 ng
RT: 19.365 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:202 Resp: 21702

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
203	17.2	13.9	20.9



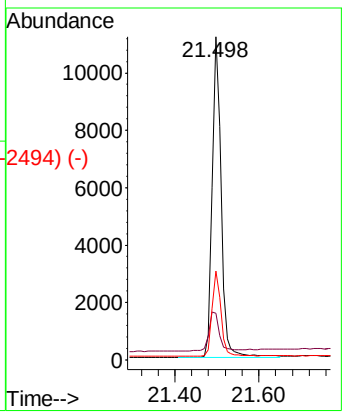


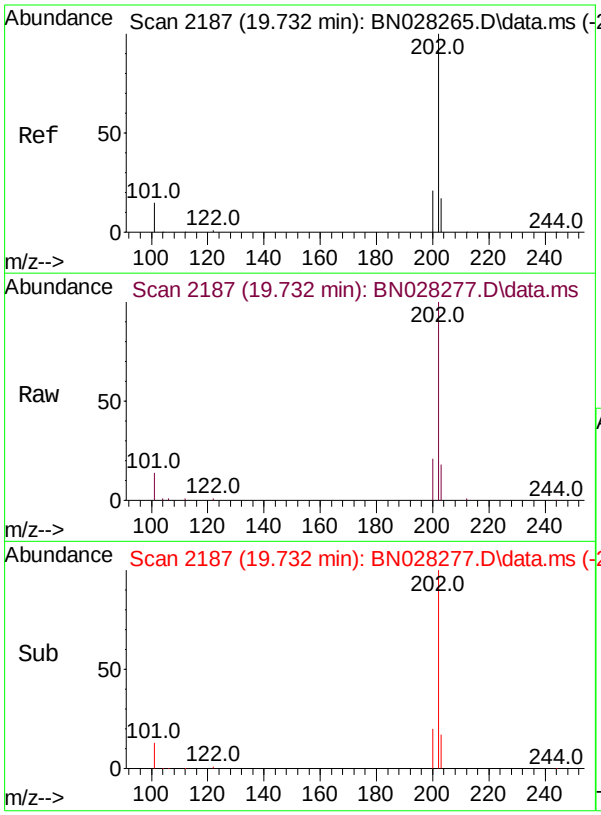
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16332

Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.4	20.0
236	27.5	22.7	34.1

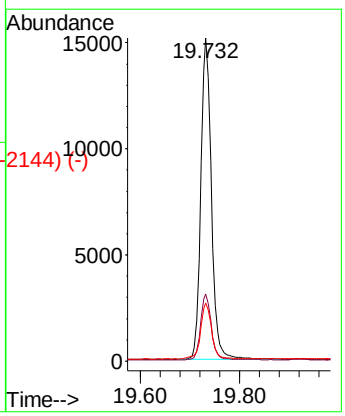


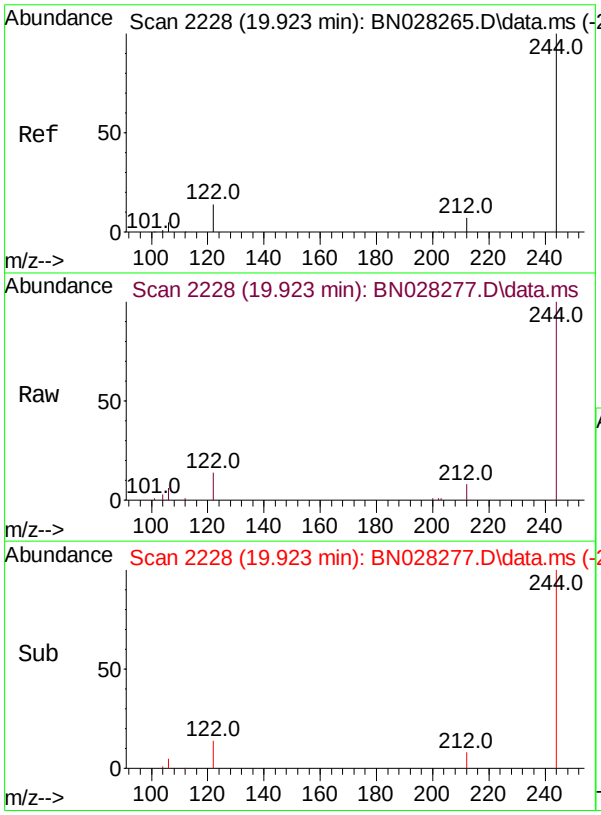


#30
Pyrene
Concen: 0.402 ng
RT: 19.732 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:202 Resp: 22468

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	18.0	14.5	21.7



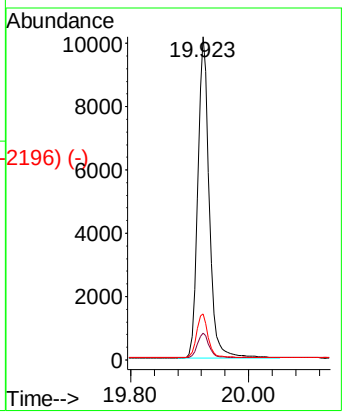


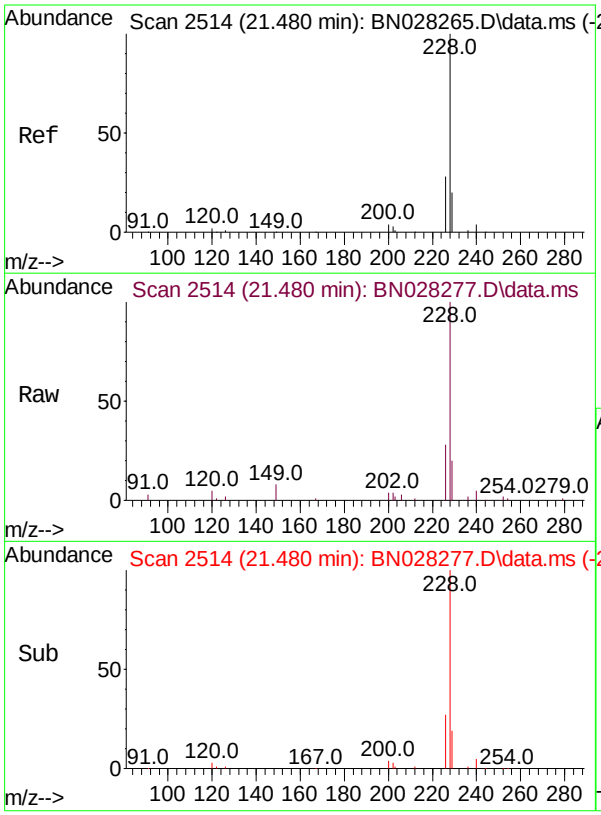
#31 (-)
Terphenyl-d14
Concen: 0.395 ng
RT: 19.923 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13693

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	14.3	11.7	17.5

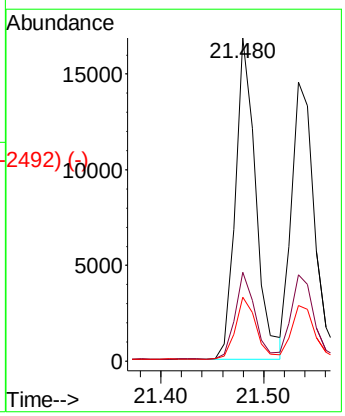


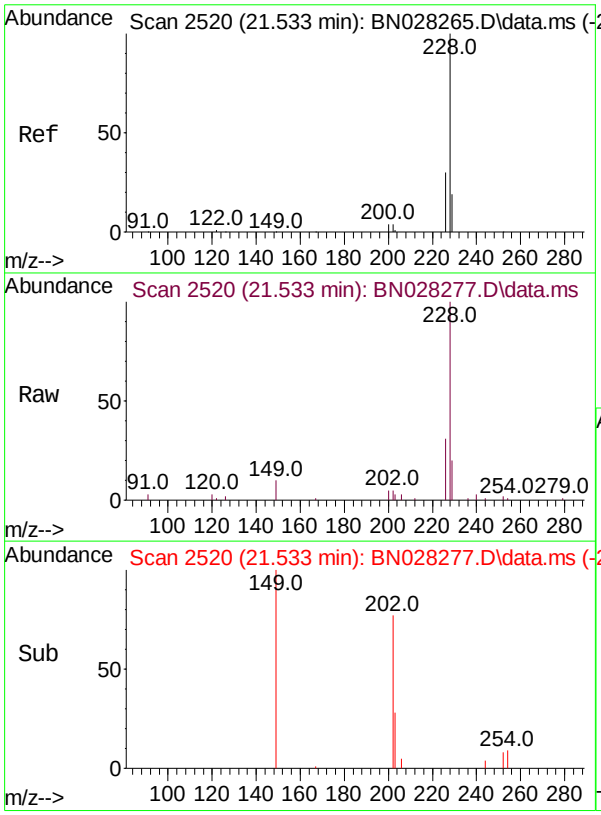


#32 (-)
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:228 Resp: 23010

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.9	34.3
229	19.9	16.6	24.8



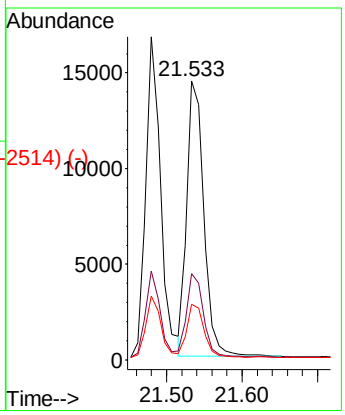


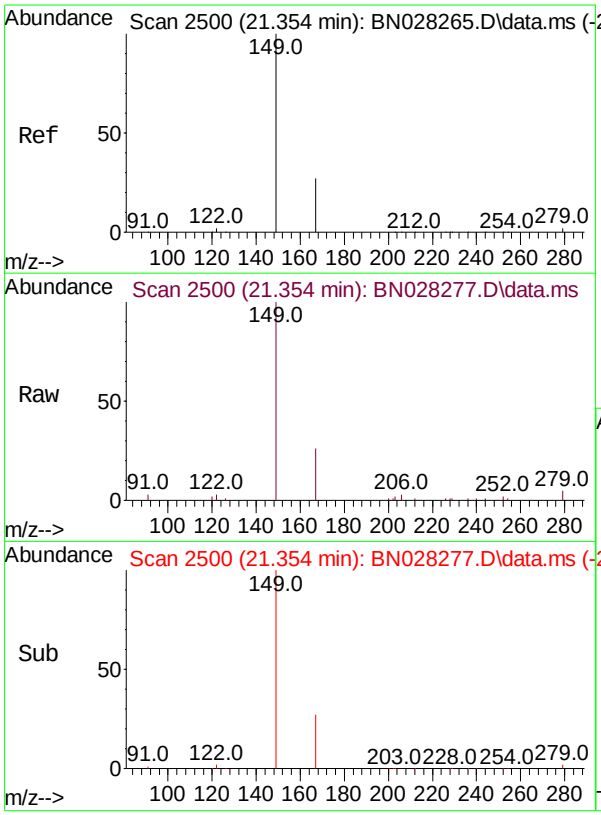
#33
Chrysene
Concen: 0.405 ng
RT: 21.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 22470

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	19.8	16.6	25.0

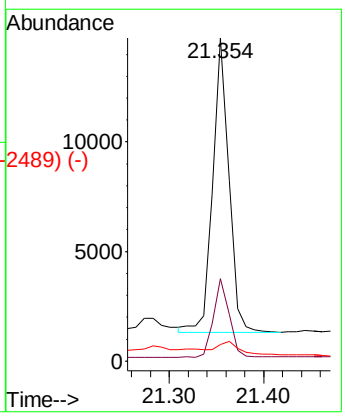


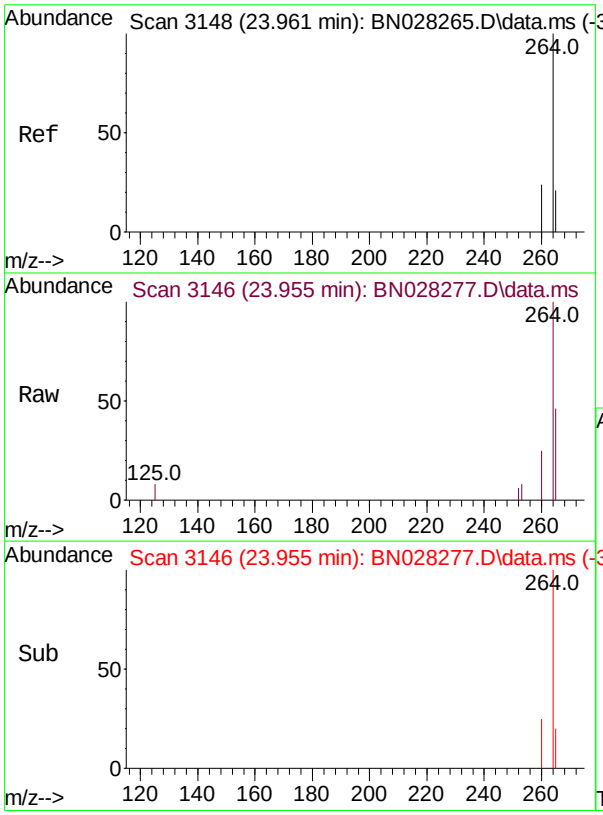


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.354 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:149 Resp: 15858

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.6	34.0
279	5.6	4.2	6.2



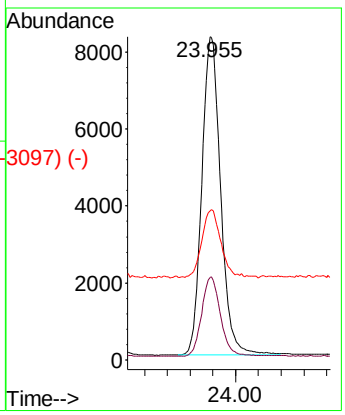


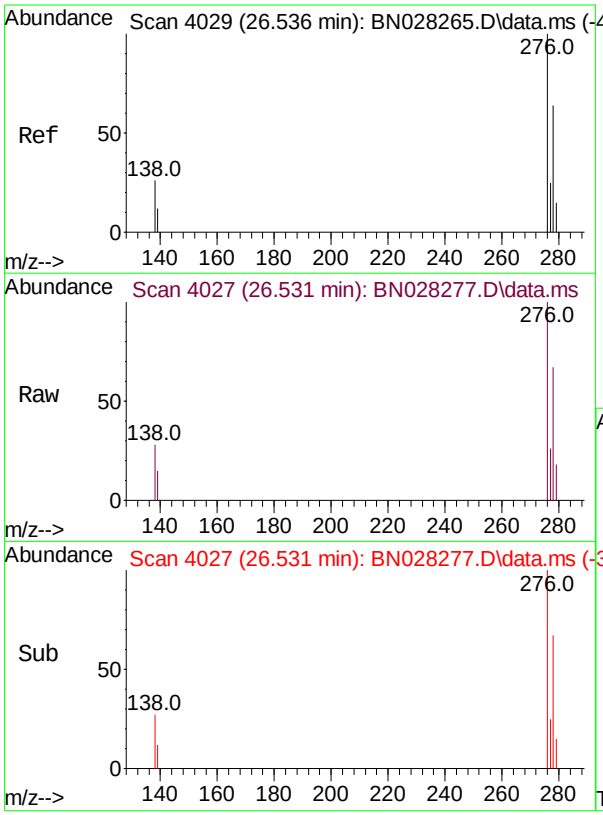
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.955 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 19022

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.7	31.1
265	46.1	38.3	57.5

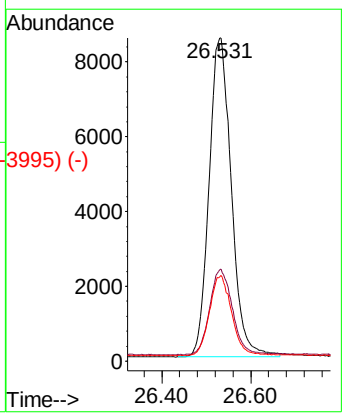


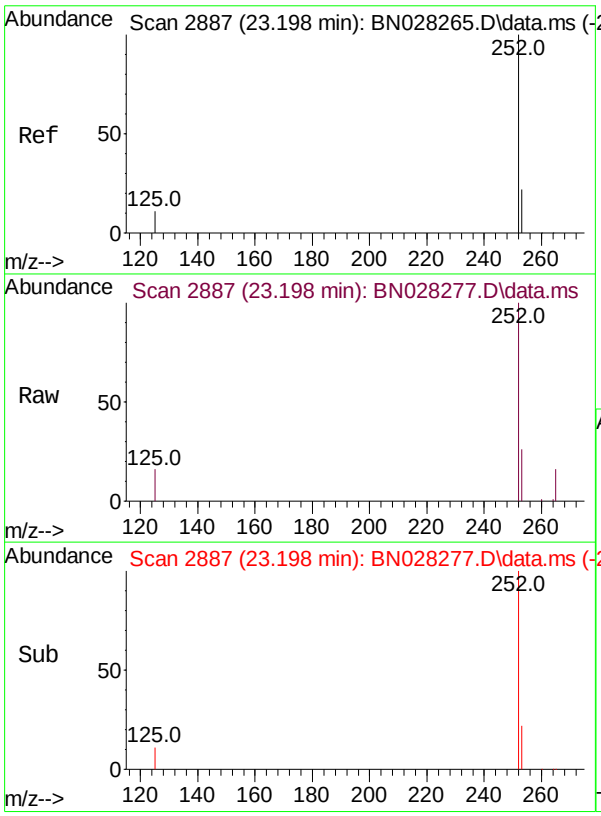


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.531 min Scan# 4027
Delta R.T. -0.006 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:276 Resp: 29585

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.3	31.9
277	24.7	20.0	30.0



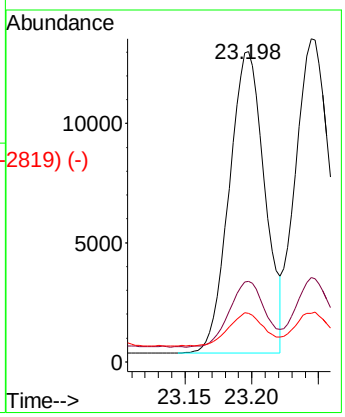


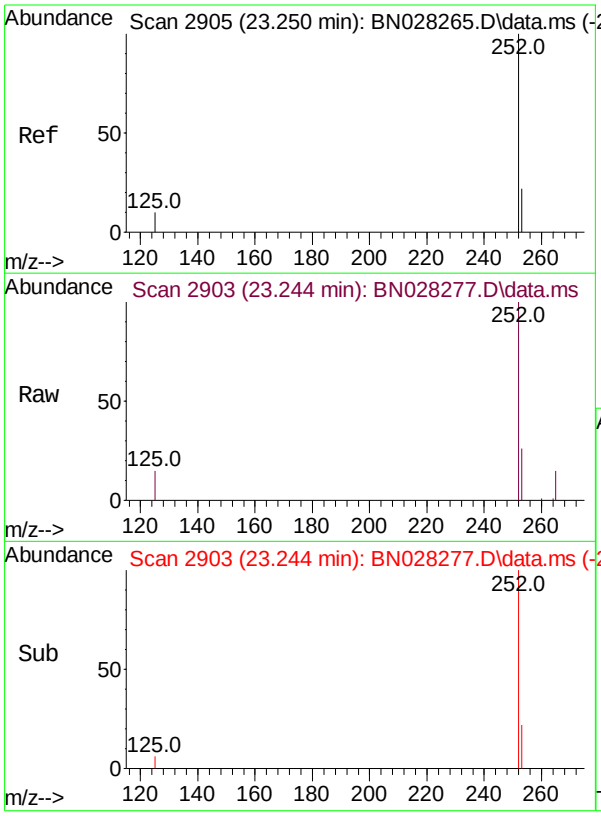
#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.198 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23367

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.8	32.8
125	15.6	15.6	23.4

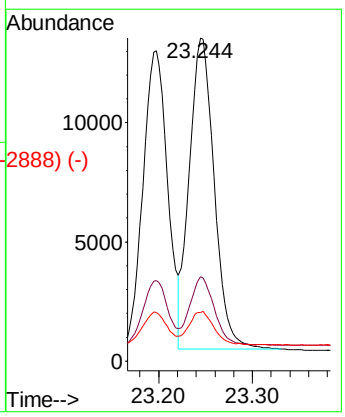


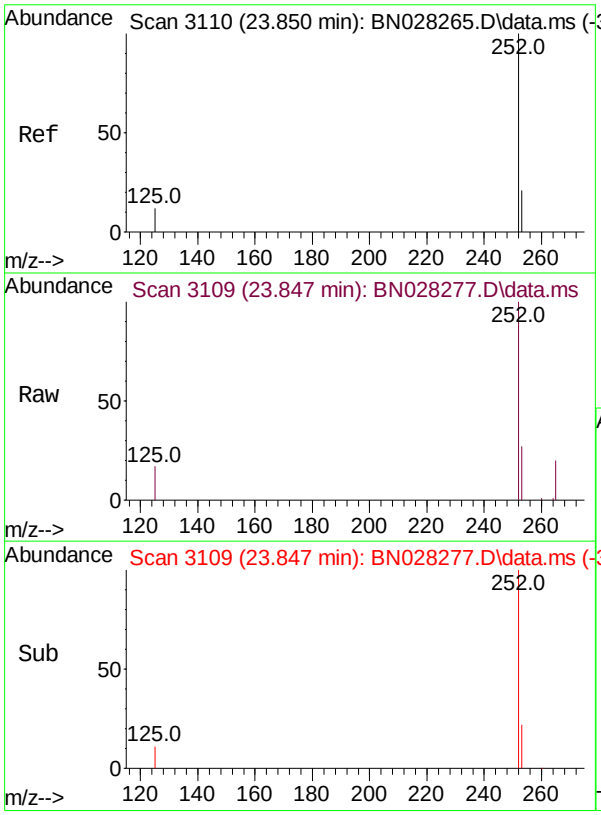


#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.244 min Scan# 2903
Delta R.T. -0.006 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:252 Resp: 24090

Ion	Ratio	Lower	Upper
252	100		
253	26.1	22.0	33.0
125	15.0	15.3	22.9#



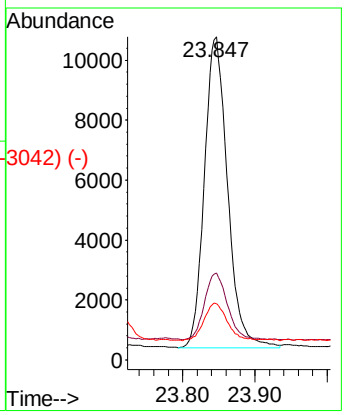


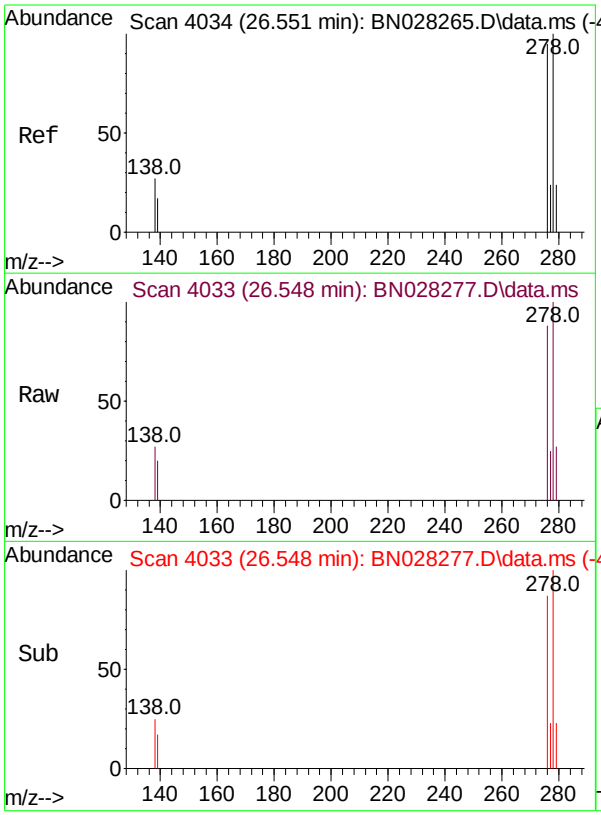
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.847 min Scan# 1
Delta R.T. -0.003 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23032

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.7	34.1
125	17.4	17.0	25.6

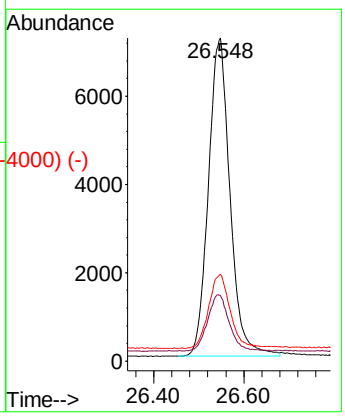


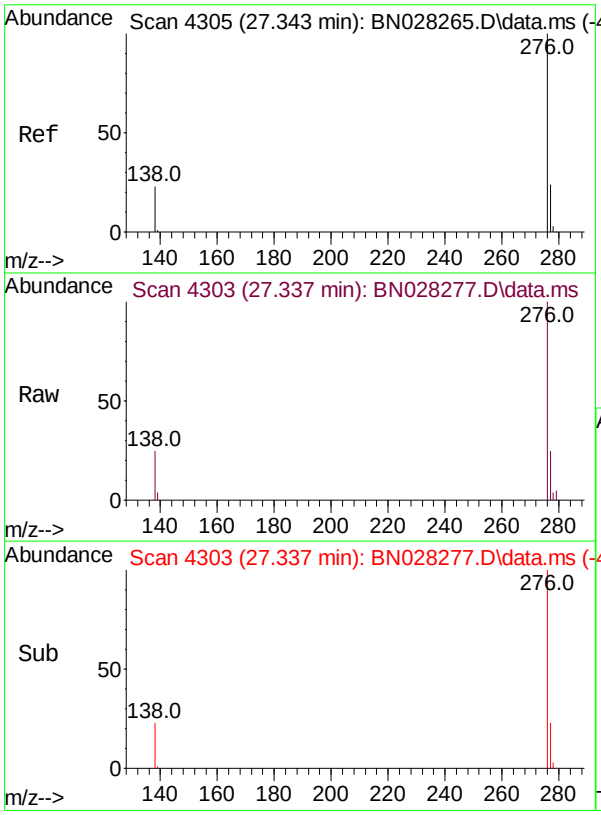


#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.548 min Scan# 4033
Delta R.T. -0.003 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Tgt Ion:278 Resp: 24103

Ion	Ratio	Lower	Upper
278	100		
139	20.3	18.8	28.2
279	27.0	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.337 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN028277.D
Acq: 13 Oct 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25215

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.7	32.5
138	25.3	21.7	32.5