Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029227.D
Acq On : 09 Jan 2024 14:32
Operator : MA/JU
Sample : PB158280BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Quant Time: Jan 09 15:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

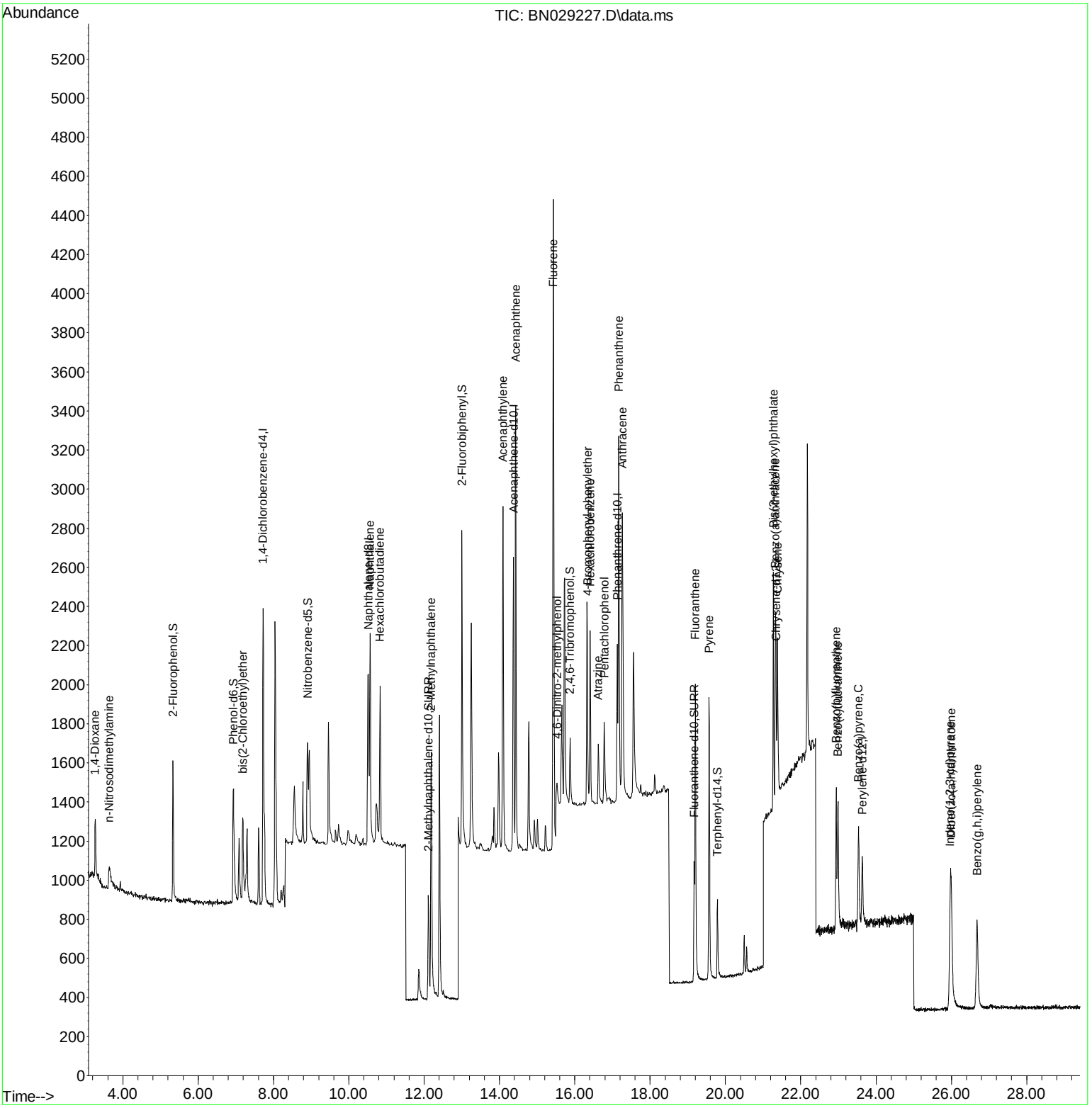
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	793	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	1487	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	839	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1260	0.400	ng	#	0.00
29) Chrysene-d12	21.349	240	379	0.400	ng	#	0.00
35) Perylene-d12	23.633	264	479	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	579	0.314	ng		0.00
5) Phenol-d6	6.937	99	666	0.322	ng		0.00
8) Nitrobenzene-d5	8.907	82	671	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.114	152	922	0.359	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	227	0.351	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1726	0.384	ng		0.00
27) Fluoranthene-d10	19.169	212	843	0.328	ng		0.00
31) Terphenyl-d14	19.791	244	450	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	254	0.353	ng	#	64
3) n-Nitrosodimethylamine	3.637	42	177	0.293	ng	#	78
6) bis(2-Chloroethyl)ether	7.183	93	438	0.310	ng		99
9) Naphthalene	10.562	128	1571	0.348	ng		99
10) Hexachlorobutadiene	10.829	225	513	0.399	ng	#	97
12) 2-Methylnaphthalene	12.185	142	1134	0.340	ng		96
16) Acenaphthylene	14.094	152	1953	0.355	ng		99
17) Acenaphthene	14.436	154	1184	0.347	ng		98
18) Fluorene	15.430	166	1631	0.331	ng		96
20) 4,6-Dinitro-2-methylph...	15.530	198	135	0.320	ng	#	80
21) 4-Bromophenyl-phenylether	16.337	248	421	0.386	ng		93
22) Hexachlorobenzene	16.411	284	547	0.428	ng		95
23) Atrazine	16.622	200	387	0.367	ng		96
24) Pentachlorophenol	16.784	266	277	0.334	ng		96
25) Phenanthrene	17.169	178	2132	0.382	ng		99
26) Anthracene	17.268	178	1971	0.362	ng		98
28) Fluoranthene	19.201	202	1664	0.333	ng	#	97
30) Pyrene	19.568	202	1667	0.437	ng		97
32) Benzo(a)anthracene	21.331	228	793	0.362	ng		99
33) Chrysene	21.385	228	832	0.380	ng		96
34) Bis(2-ethylhexyl)phtha...	21.277	149	1354	0.427	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.967	276	1258	0.379	ng	#	81
37) Benzo(b)fluoranthene	22.943	252	942	0.363	ng		96
38) Benzo(k)fluoranthene	22.990	252	984	0.392	ng		96
39) Benzo(a)pyrene	23.534	252	891	0.379	ng		94
40) Dibenzo(a,h)anthracene	25.999	278	915	0.360	ng		91
41) Benzo(g,h,i)perylene	26.683	276	1110	0.394	ng		99

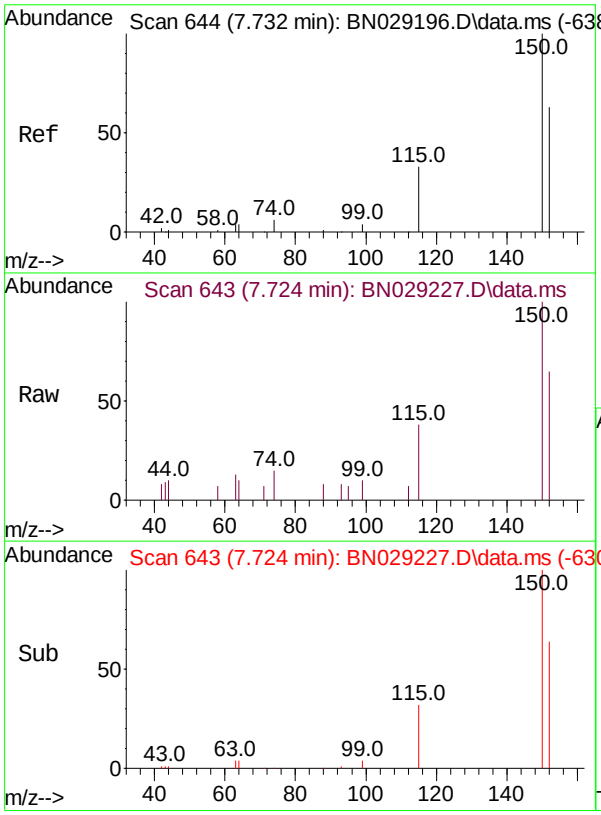
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029227.D
Acq On : 09 Jan 2024 14:32
Operator : MA/JU
Sample : PB158280BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Quant Time: Jan 09 15:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration



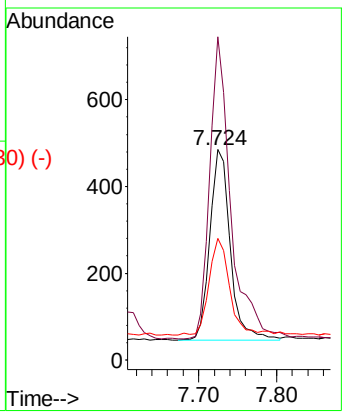


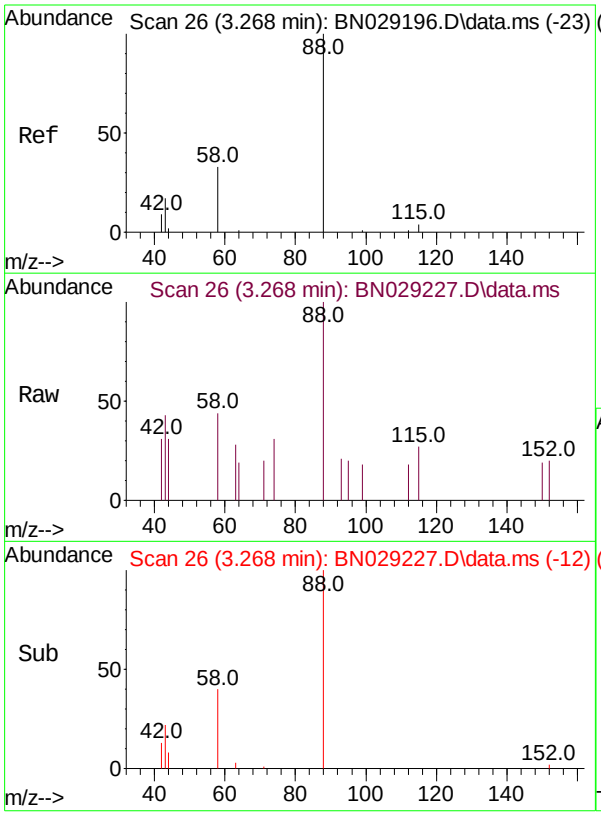
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:152 Resp: 793

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.2	183.2
115	57.9	48.2	72.4

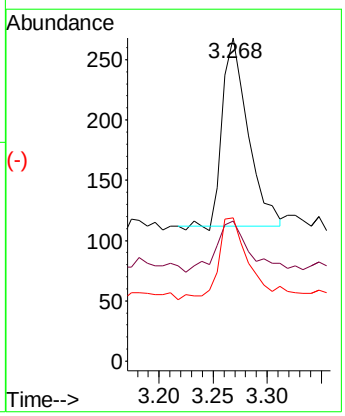


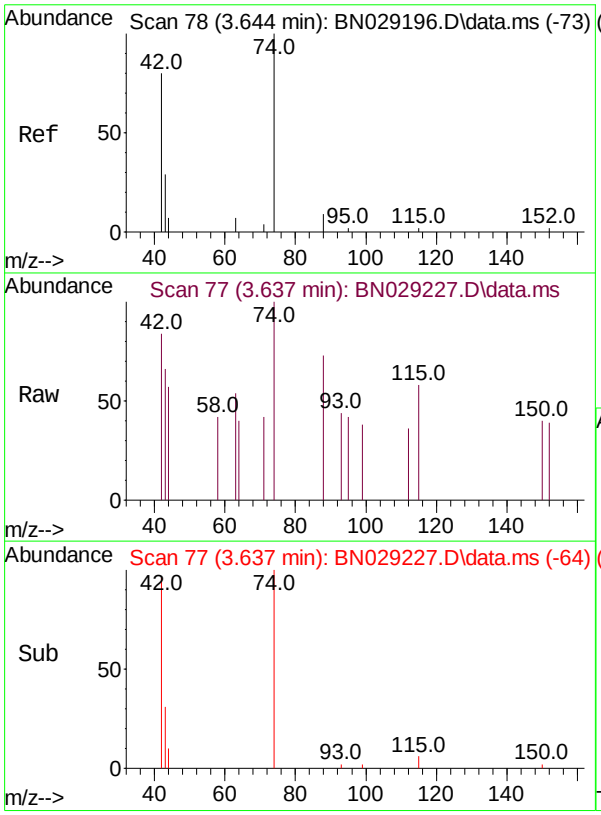


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.268 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion: 88 Resp: 254

Ion	Ratio	Lower	Upper
88	100		
43	35.4	19.0	28.4#
58	53.1	23.1	34.7#



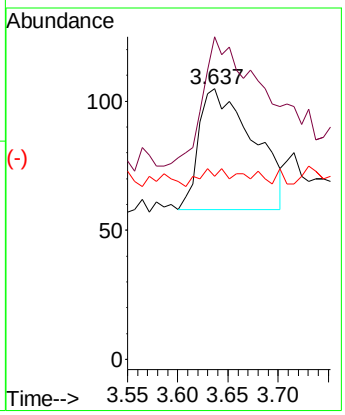


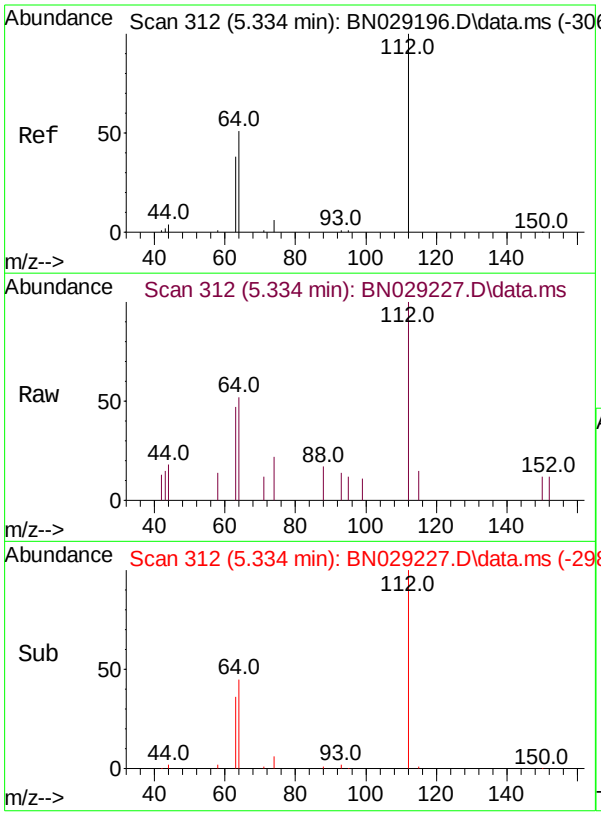
#3
n-Nitrosodimethylamine
Concen: 0.293 ng
RT: 3.637 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion: 42 Resp: 177

Ion	Ratio	Lower	Upper
42	100		
74	105.6	106.8	160.2#
44	7.9	5.6	8.4

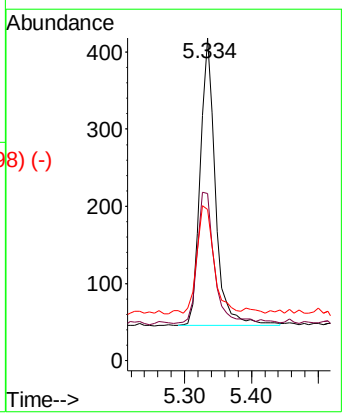


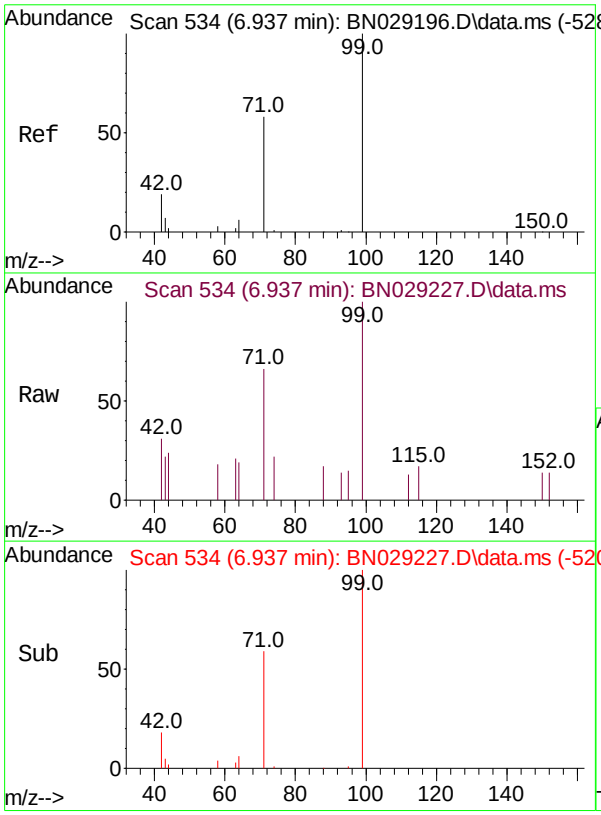


#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.334 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:112 Resp: 579

Ion	Ratio	Lower	Upper
112	100		
64	51.6	38.8	58.2
63	42.7	30.6	45.8



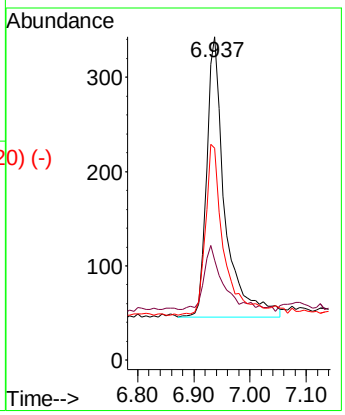


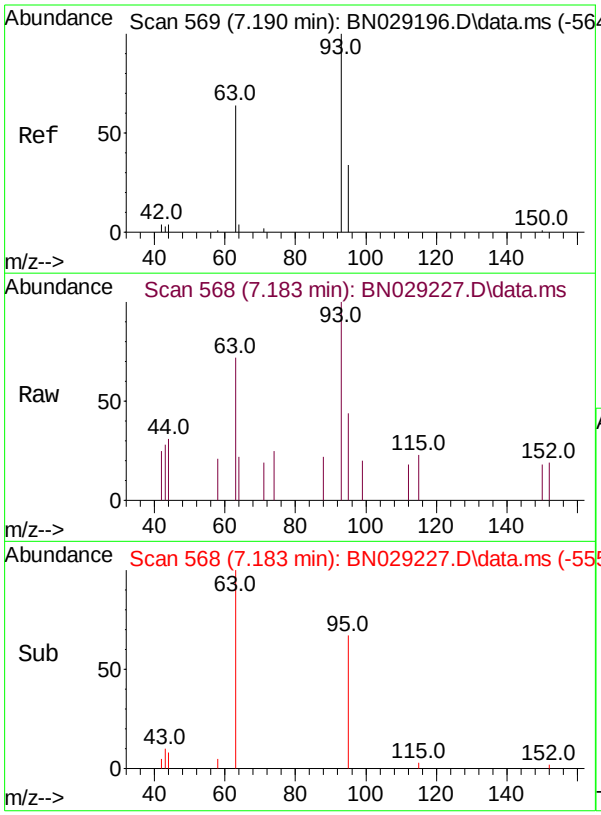
#5
Phenol-d6
Concen: 0.322 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion: 99 Resp: 666

Ion	Ratio	Lower	Upper
99	100		
42	26.4	18.3	27.5
71	60.8	48.6	73.0

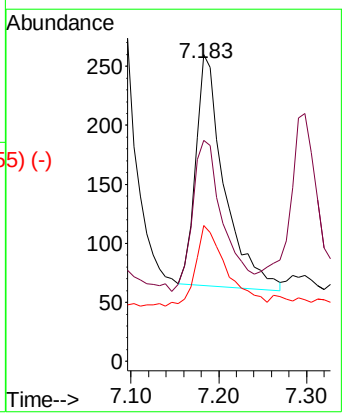


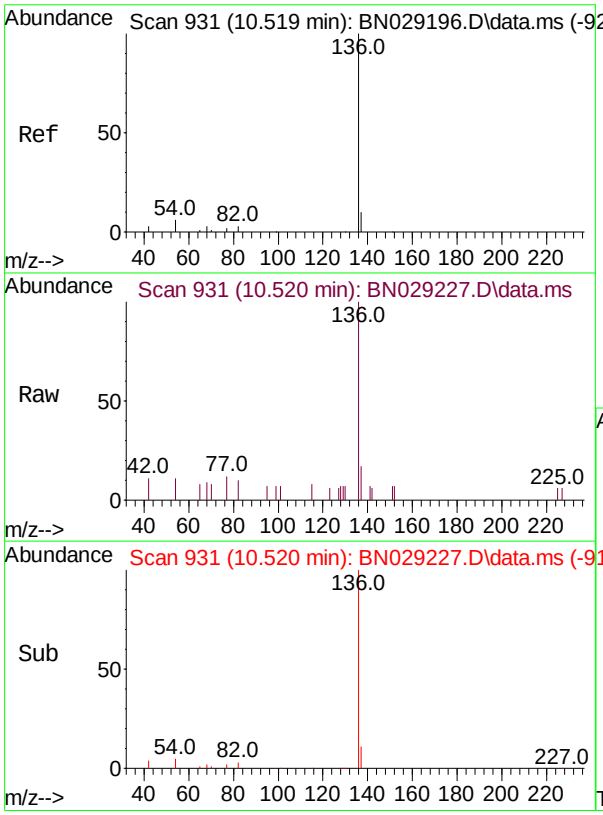


#6
bis(2-Chloroethyl)ether
Concen: 0.310 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion: 93 Resp: 438

Ion	Ratio	Lower	Upper
93	100		
63	71.2	56.6	85.0
95	37.9	29.9	44.9



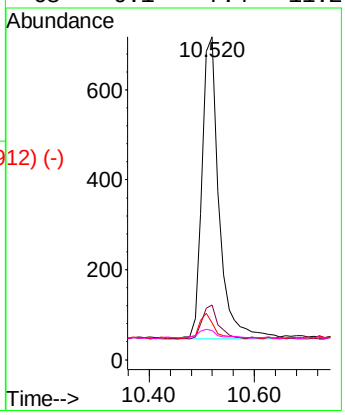


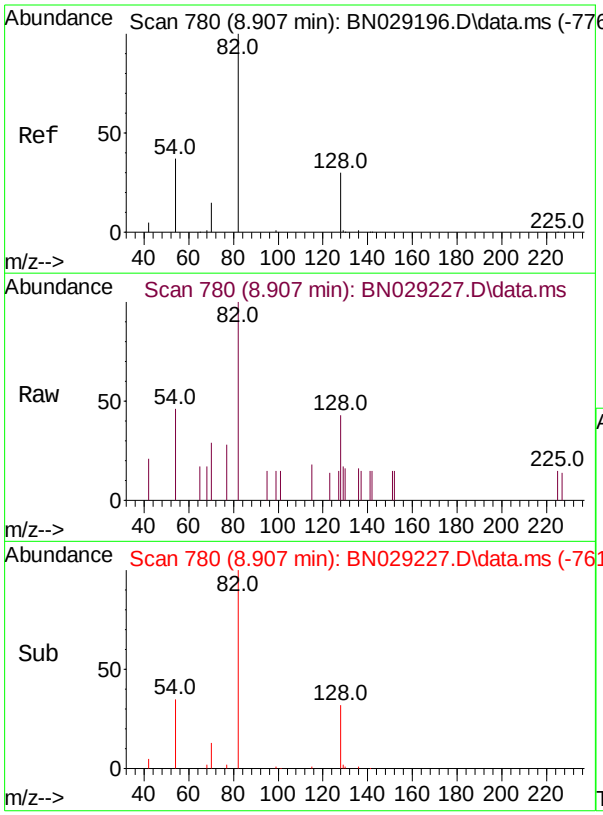
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.001 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:136 Resp: 1487

Ion	Ratio	Lower	Upper
136	100		
137	17.0	13.0	19.4
54	11.4	9.8	14.6
68	9.1	7.4	11.2

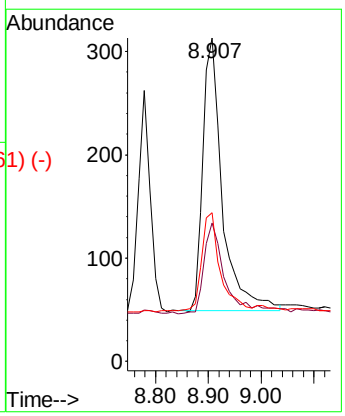


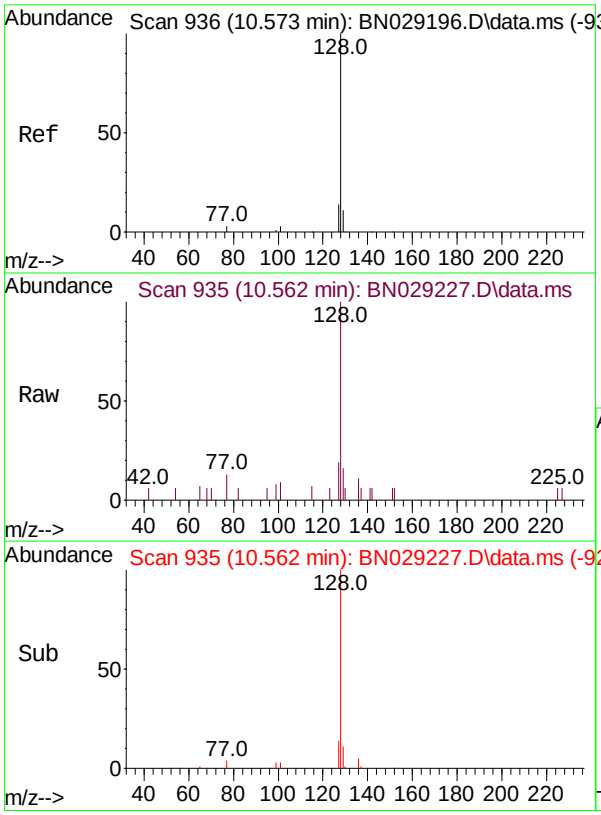


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion: 82 Resp: 671

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	46.0	38.8	58.2



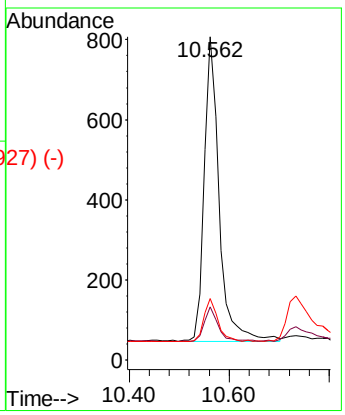


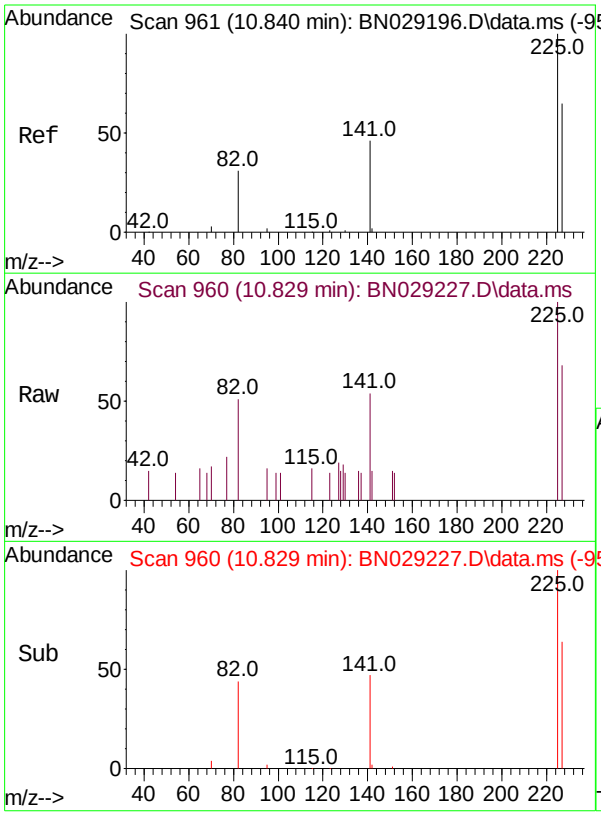
#9
Naphthalene
Concen: 0.348 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:128 Resp: 1571

Ion	Ratio	Lower	Upper
128	100		
129	16.5	13.4	20.2
127	19.0	15.5	23.3

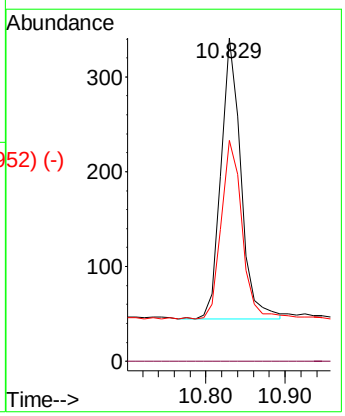


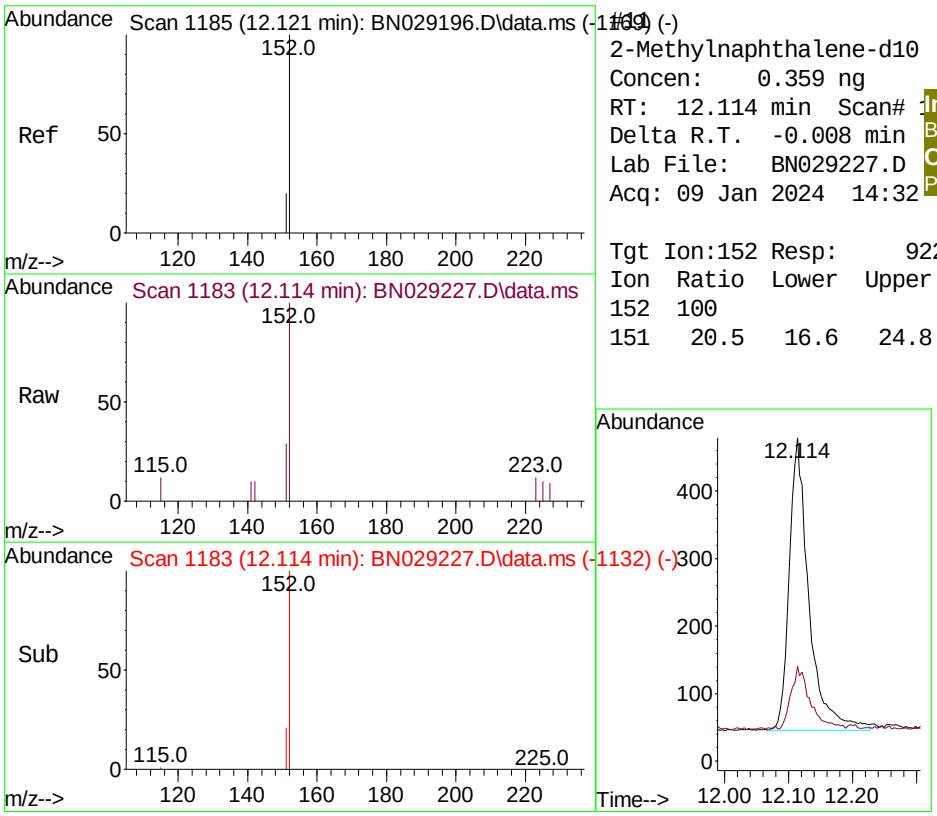


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:225 Resp: 513

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.3	51.0	76.6



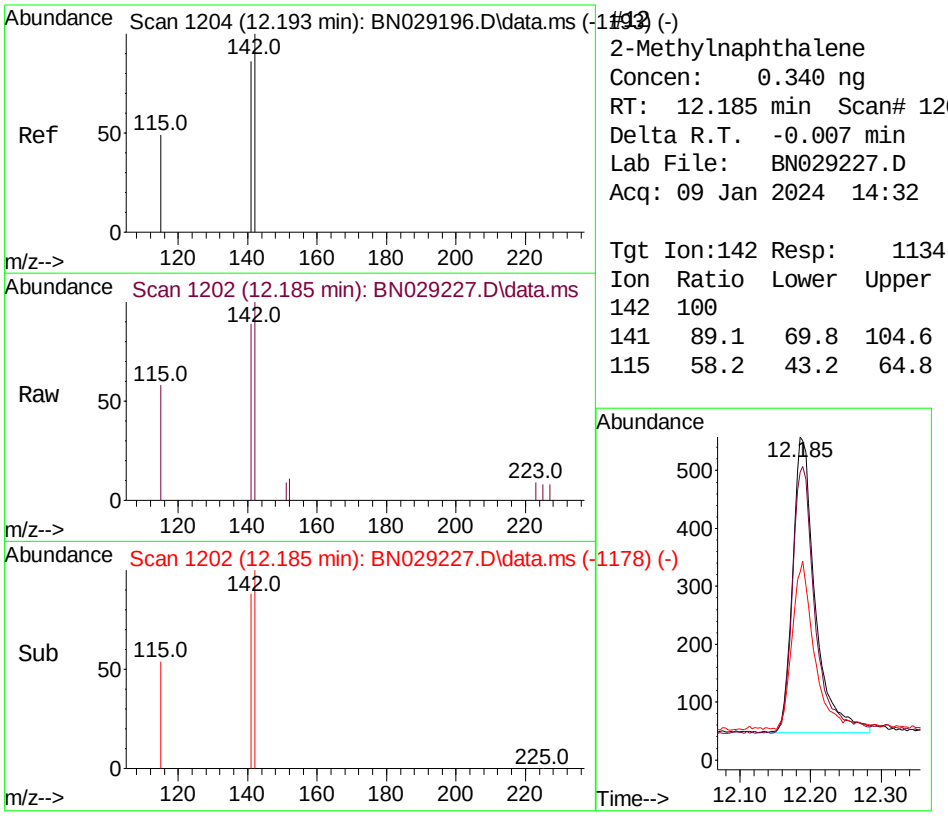


#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.114 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:152 Resp: 922

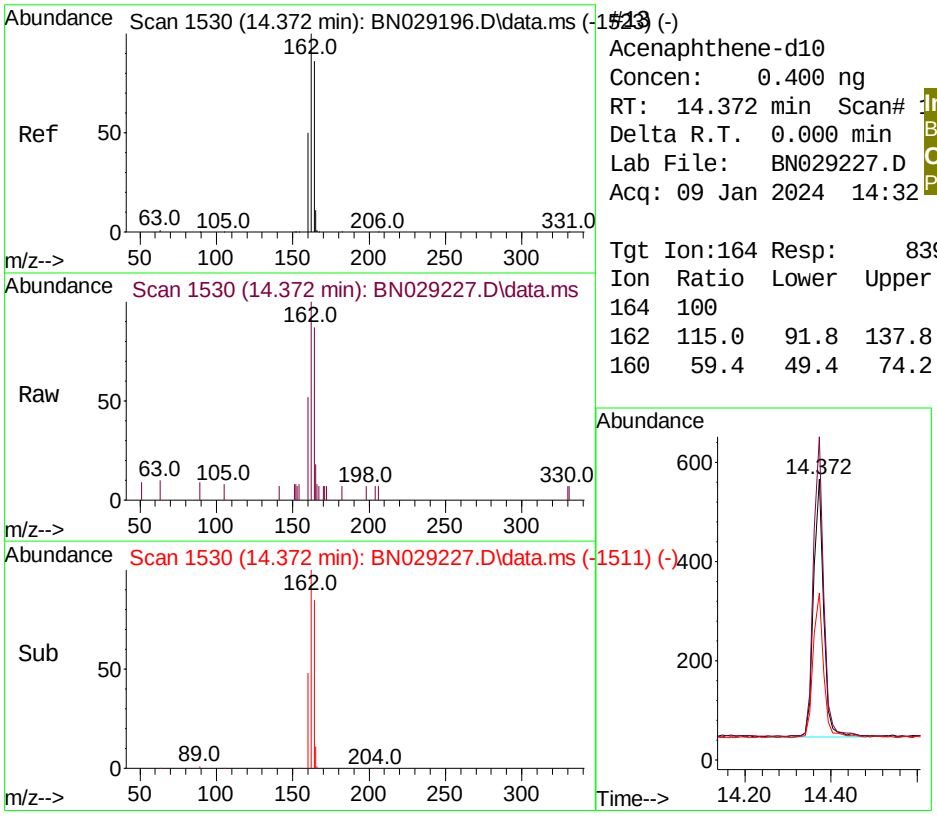
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8



#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.185 min Scan# 1202
Delta R.T. -0.007 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:142 Resp: 1134

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	58.2	43.2	64.8

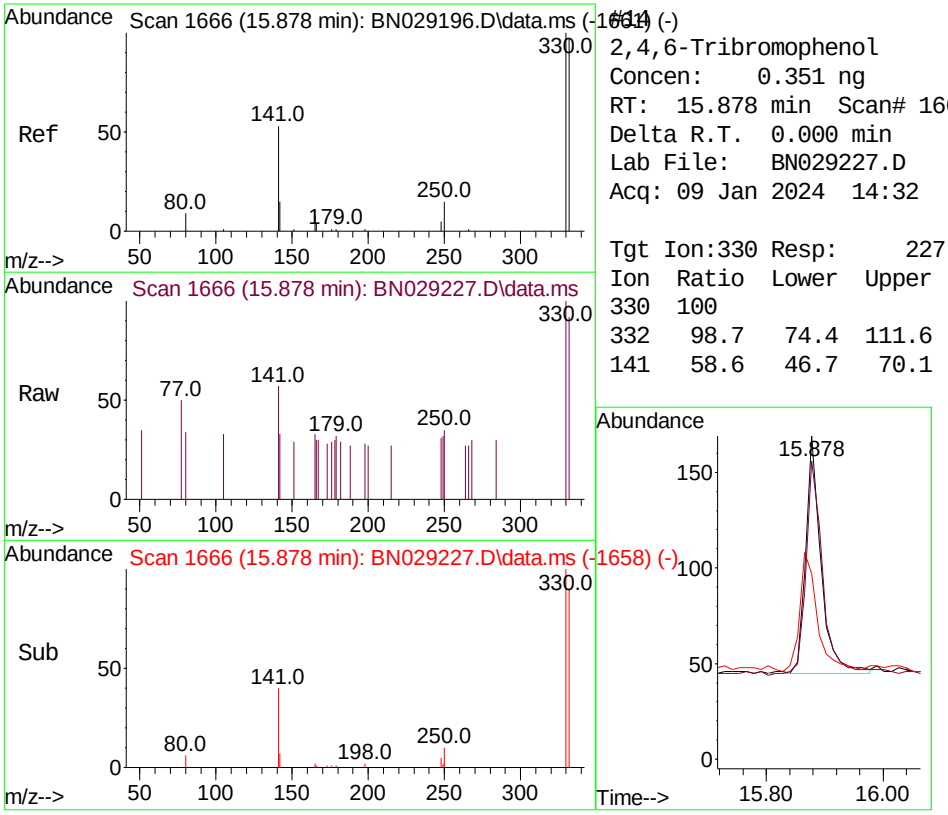


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:164 Resp: 839

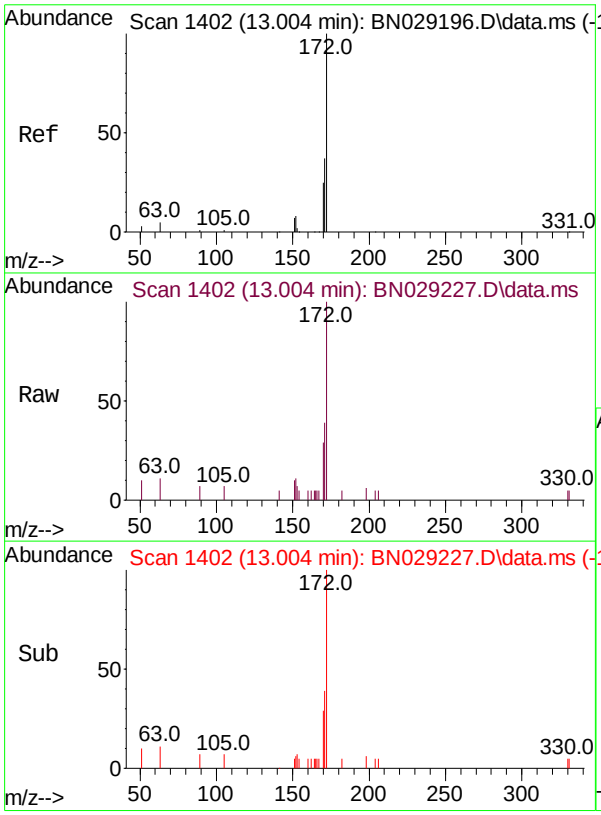
Ion	Ratio	Lower	Upper
164	100		
162	115.0	91.8	137.8
160	59.4	49.4	74.2



#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.878 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:330 Resp: 227

Ion	Ratio	Lower	Upper
330	100		
332	98.7	74.4	111.6
141	58.6	46.7	70.1

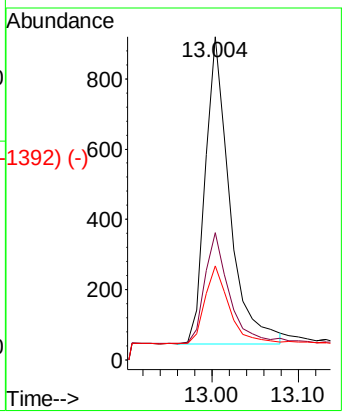


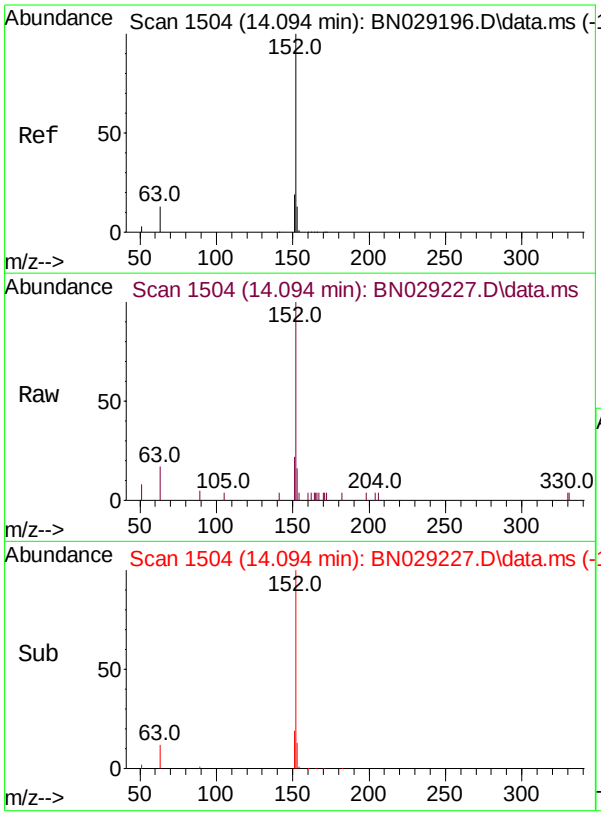
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:172 Resp: 1726

Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.8	49.2
170	29.1	24.0	36.0

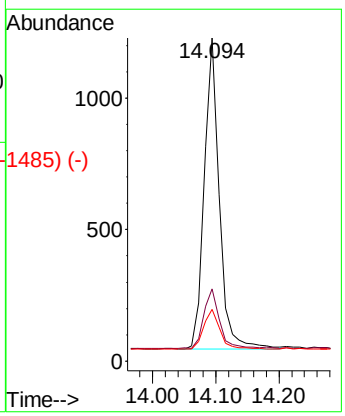


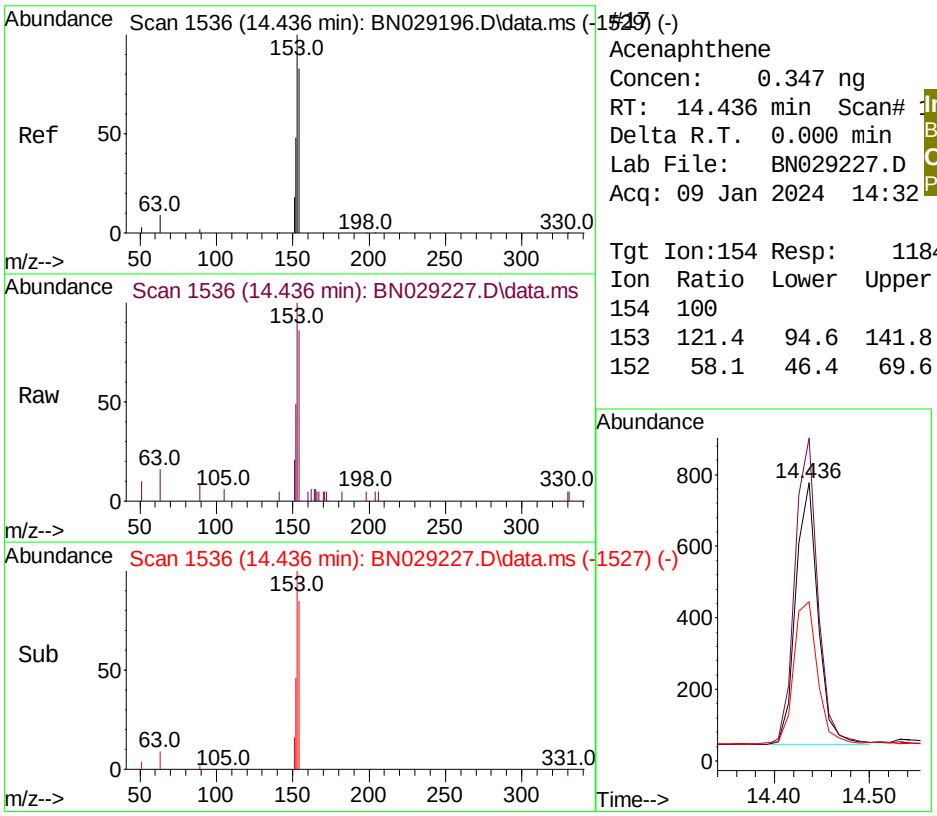


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.094 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:152 Resp: 1953

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.8	10.8	16.2



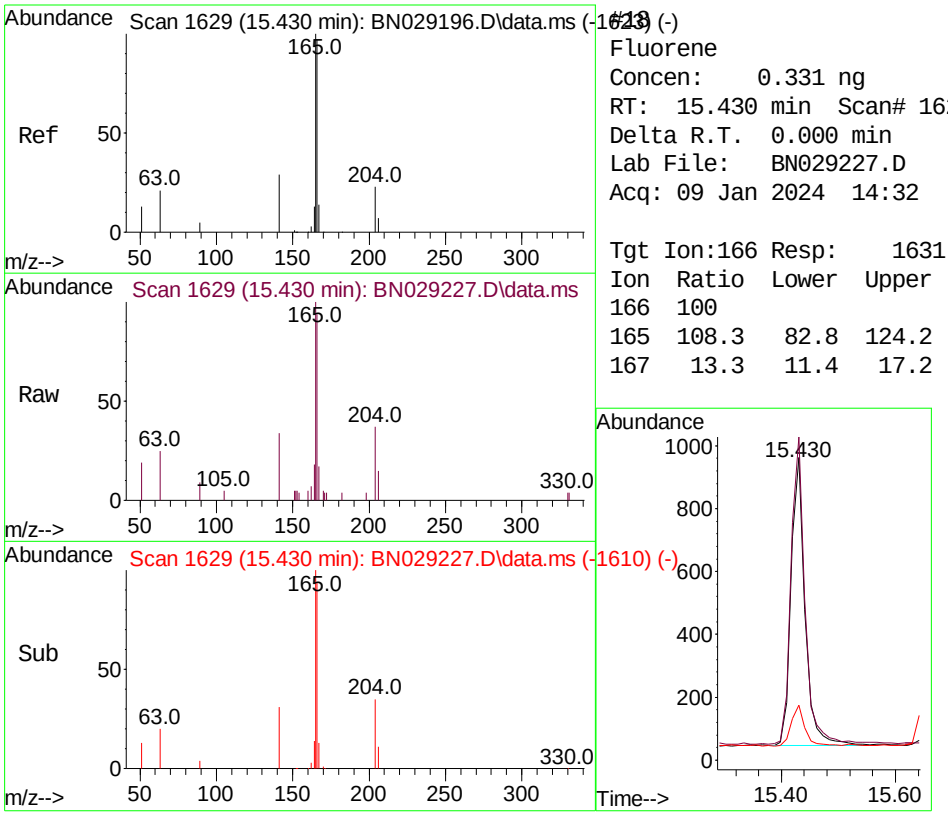


#17
Acenaphthene
Concen: 0.347 ng
RT: 14.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:154 Resp: 1184

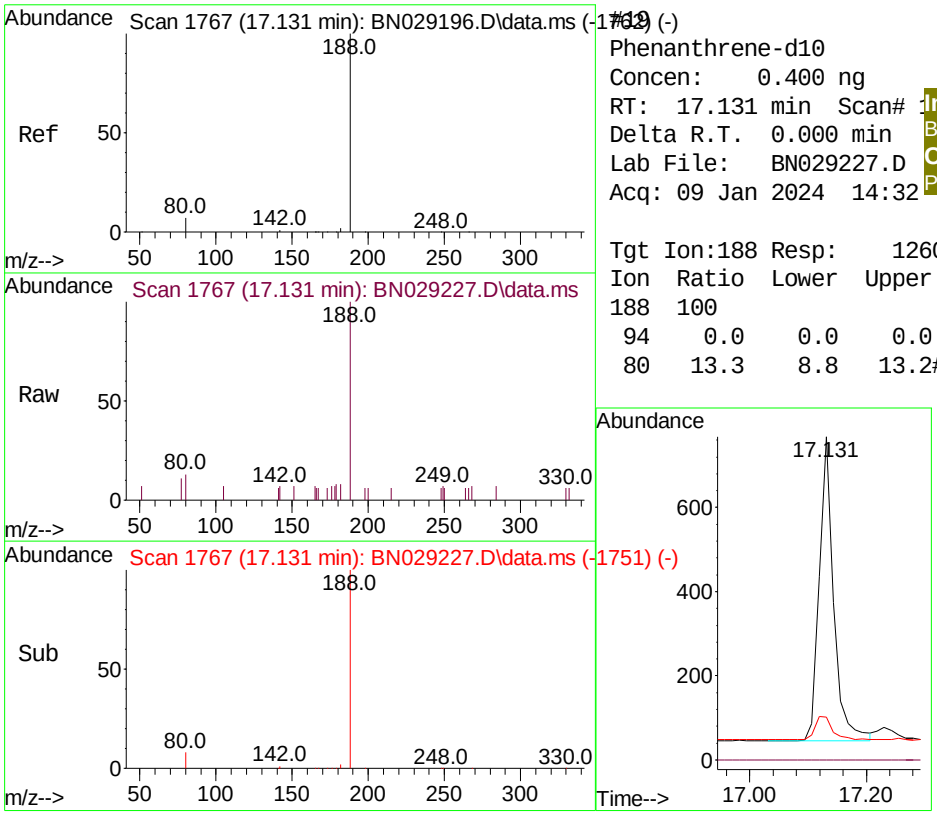
Ion	Ratio	Lower	Upper
154	100		
153	121.4	94.6	141.8
152	58.1	46.4	69.6



#18
Fluorene
Concen: 0.331 ng
RT: 15.430 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:166 Resp: 1631

Ion	Ratio	Lower	Upper
166	100		
165	108.3	82.8	124.2
167	13.3	11.4	17.2

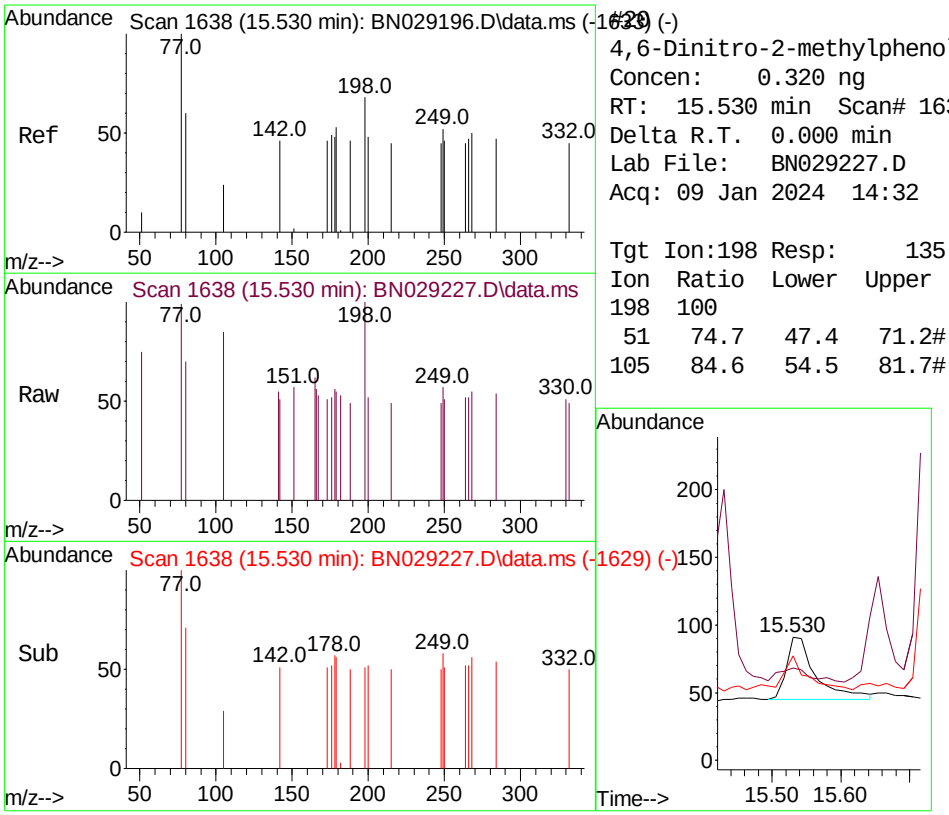


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:188 Resp: 1260

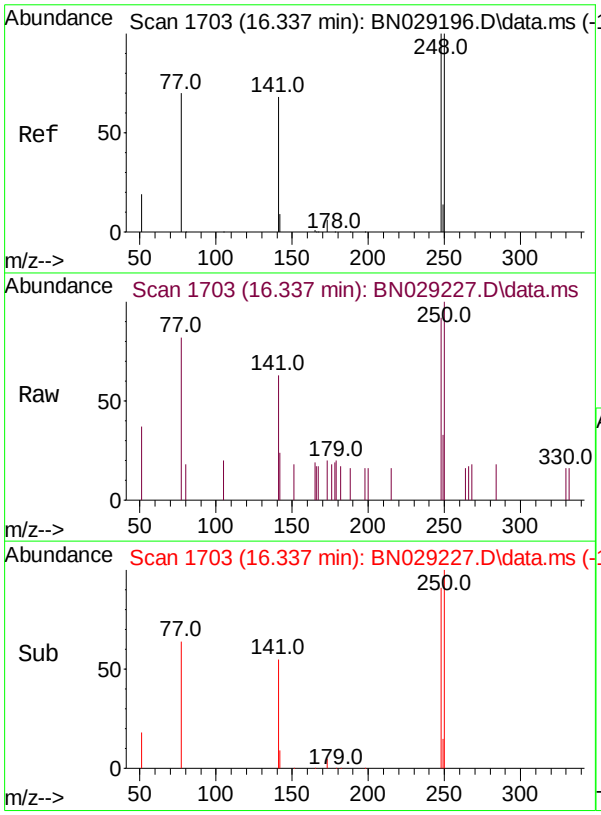
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	8.8	13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.530 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:198 Resp: 135

Ion	Ratio	Lower	Upper
198	100		
51	74.7	47.4	71.2#
105	84.6	54.5	81.7#

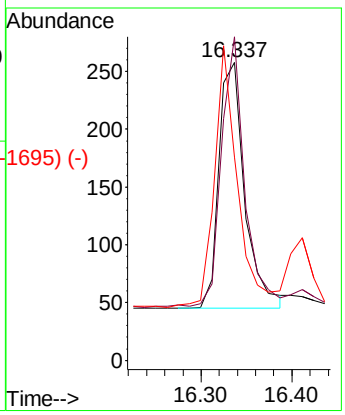


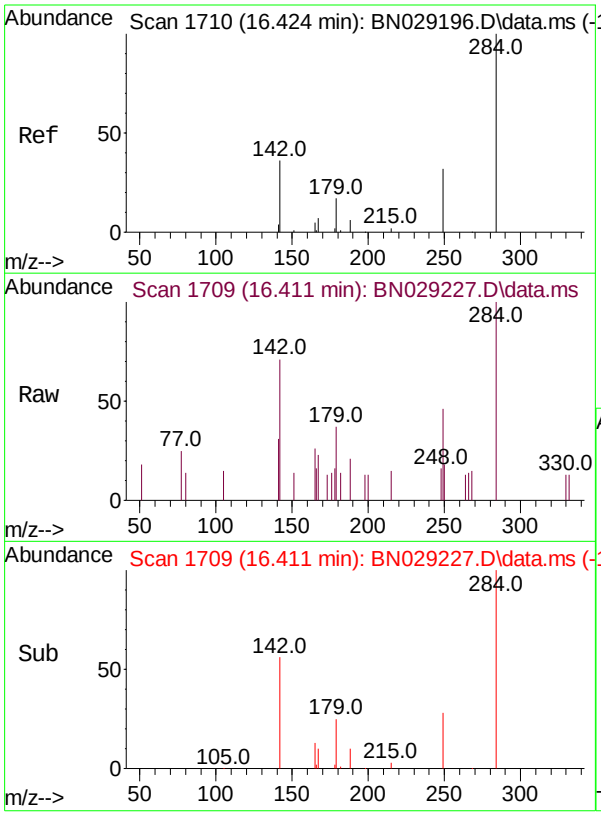
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:248 Resp: 421

Ion	Ratio	Lower	Upper
248	100		
250	108.5	80.8	121.2
141	68.2	58.6	87.8

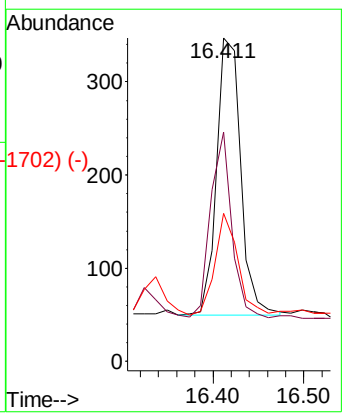


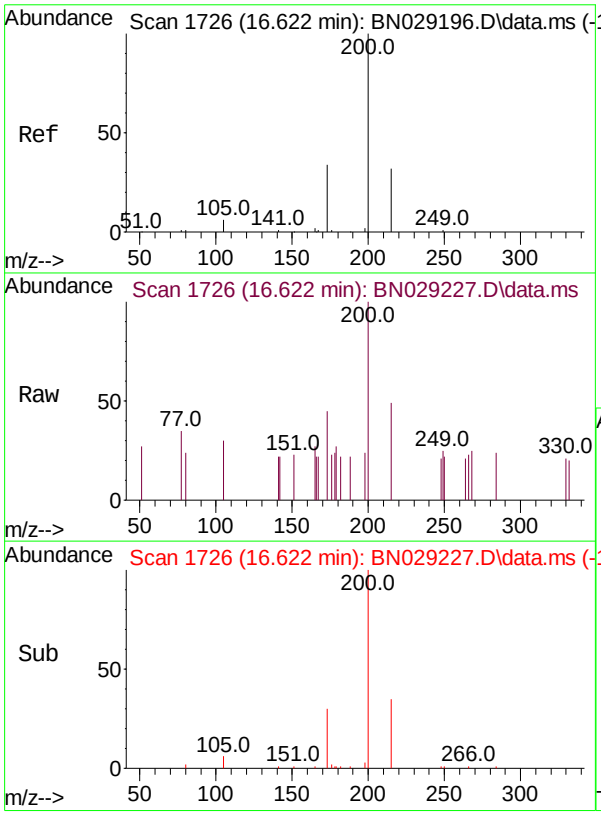


#22
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.411 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:284 Resp: 547

Ion	Ratio	Lower	Upper
284	100		
142	58.3	49.9	74.9
249	34.7	26.3	39.5



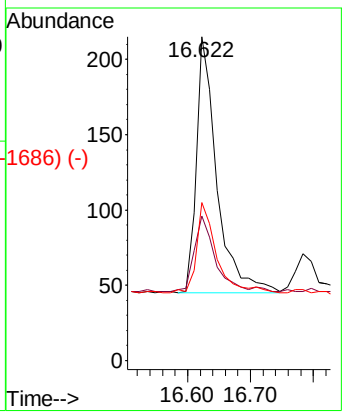


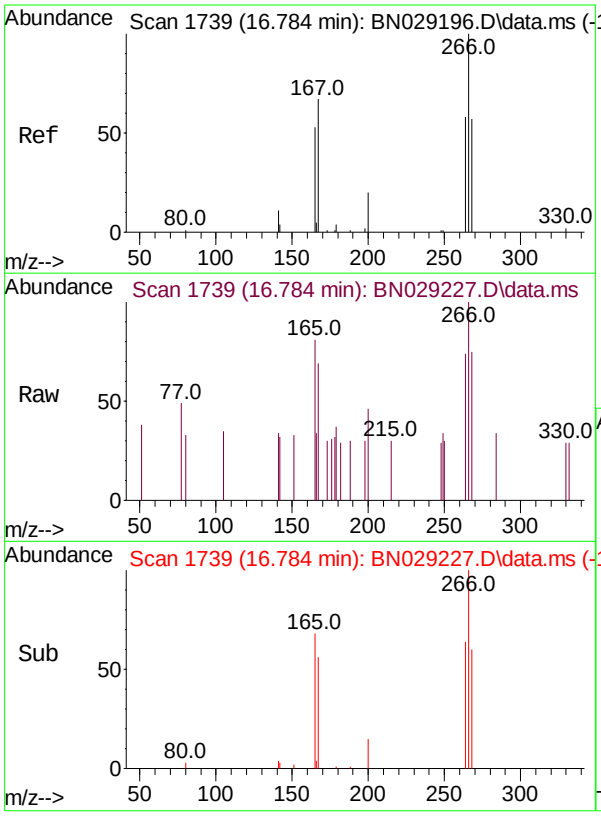
#22
Atrazine
Concen: 0.367 ng
RT: 16.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:200 Resp: 387

Ion	Ratio	Lower	Upper
200	100		
173	44.7	36.6	54.8
215	48.8	35.3	52.9

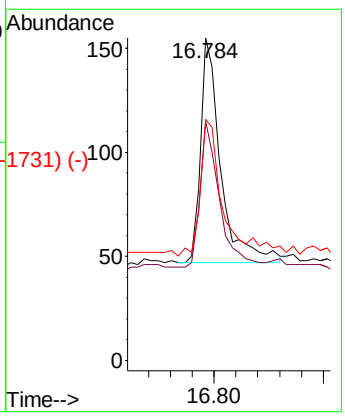


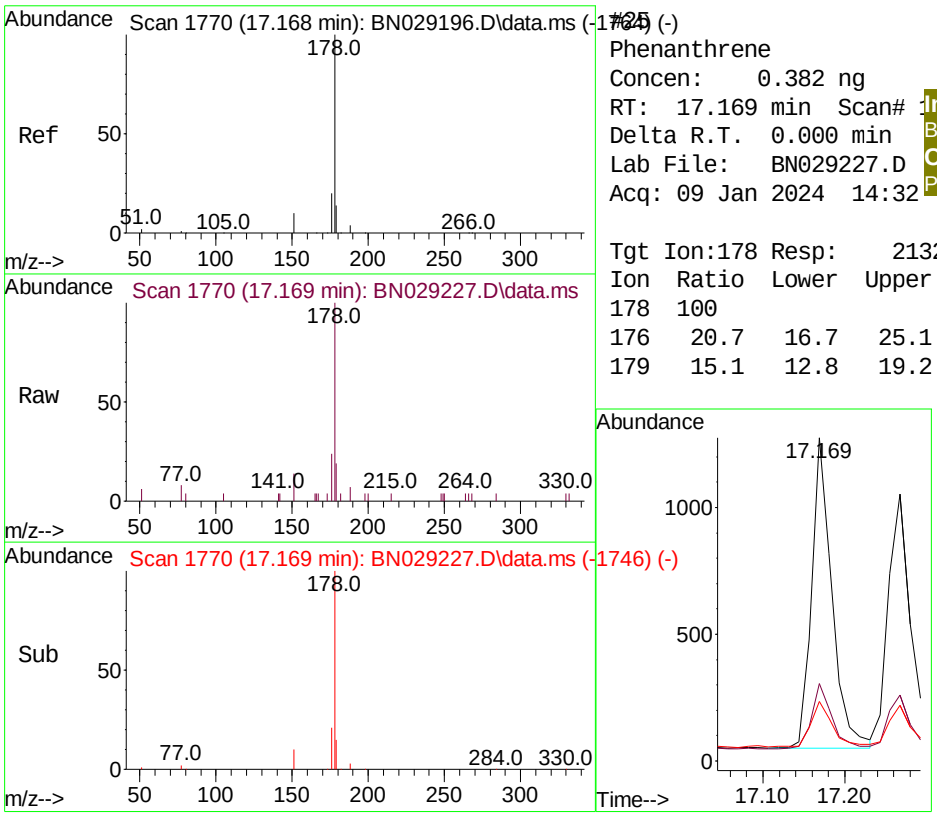


#24
Pentachlorophenol
Concen: 0.334 ng
RT: 16.784 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:266 Resp: 277

Ion	Ratio	Lower	Upper
266	100		
264	61.7	44.4	66.6
268	61.4	49.4	74.2



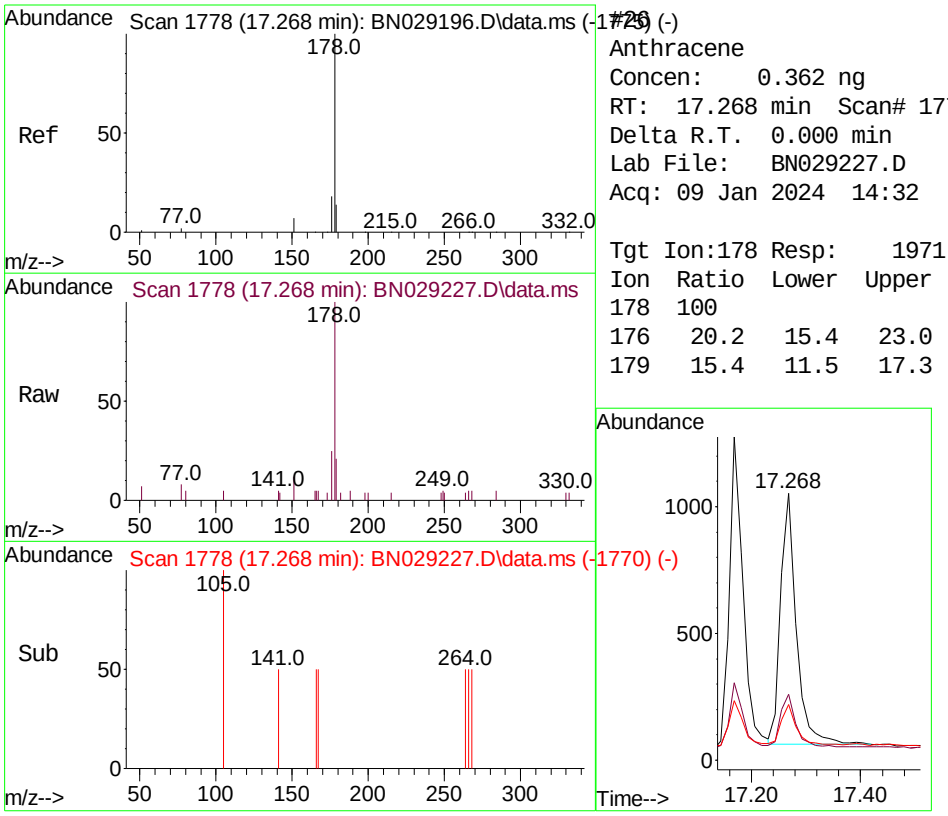


#25
Phenanthrene
Concen: 0.382 ng
RT: 17.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:178 Resp: 2132

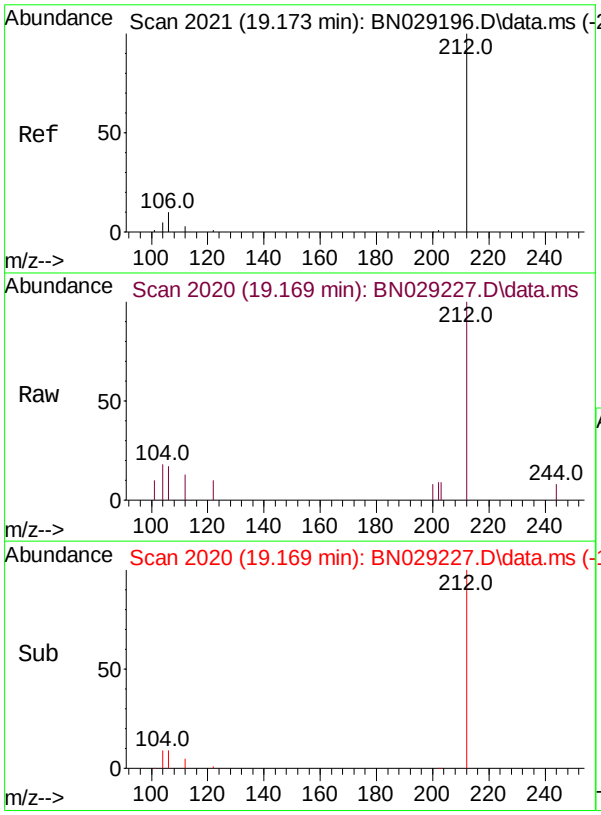
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.7	25.1
179	15.1	12.8	19.2



#26
Anthracene
Concen: 0.362 ng
RT: 17.268 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:178 Resp: 1971

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	15.4	11.5	17.3

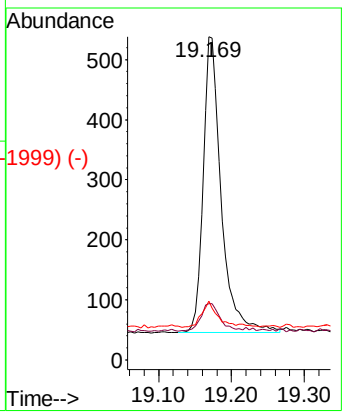


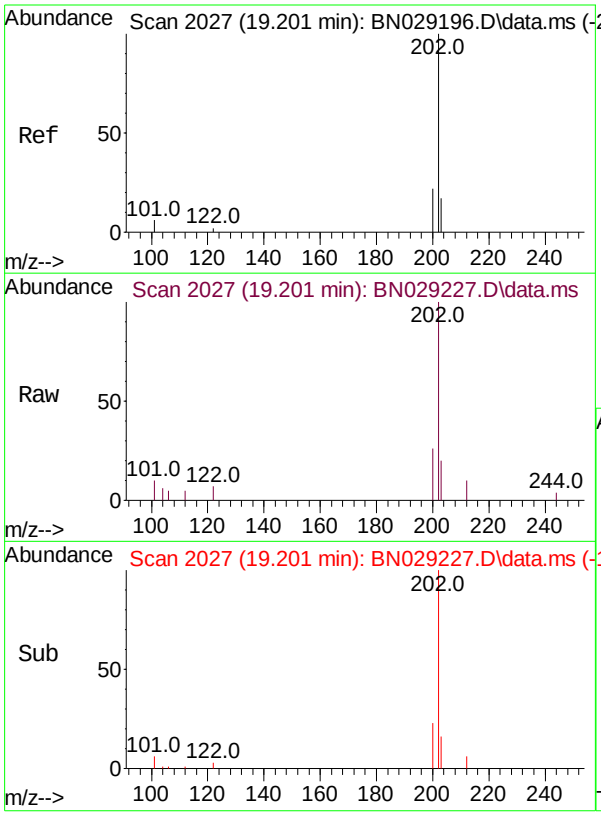
#27
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.169 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:212 Resp: 843

Ion	Ratio	Lower	Upper
212	100		
106	10.0	9.7	14.5
104	7.8	6.3	9.5

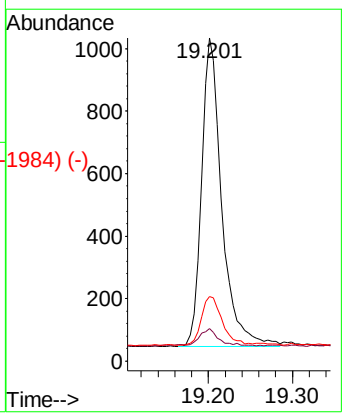


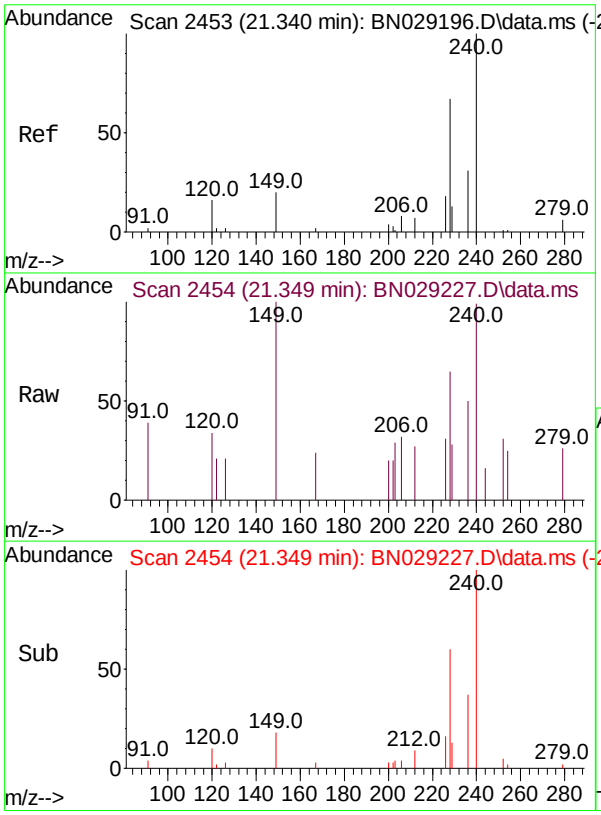


#28
Fluoranthene
Concen: 0.333 ng
RT: 19.201 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:202 Resp: 1664

Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.8	8.6#
203	16.5	13.6	20.4



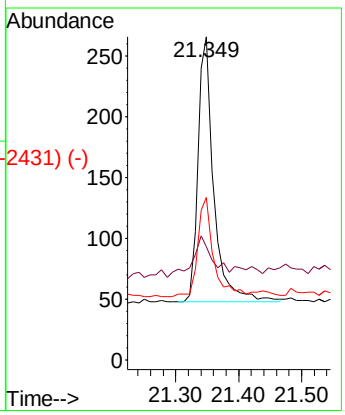


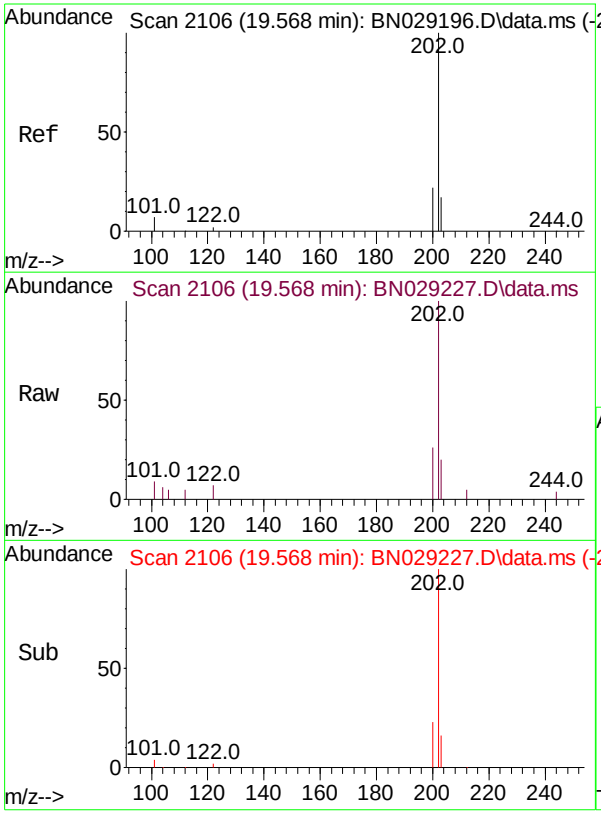
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:240 Resp: 379

Ion	Ratio	Lower	Upper
240	100		
120	35.0	24.6	36.8
236	50.4	32.0	48.0#

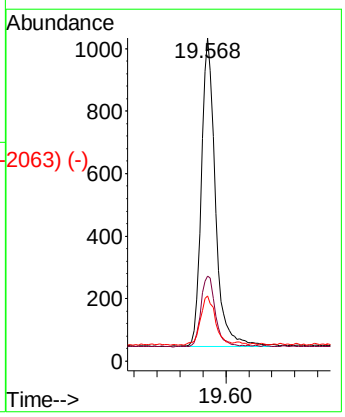


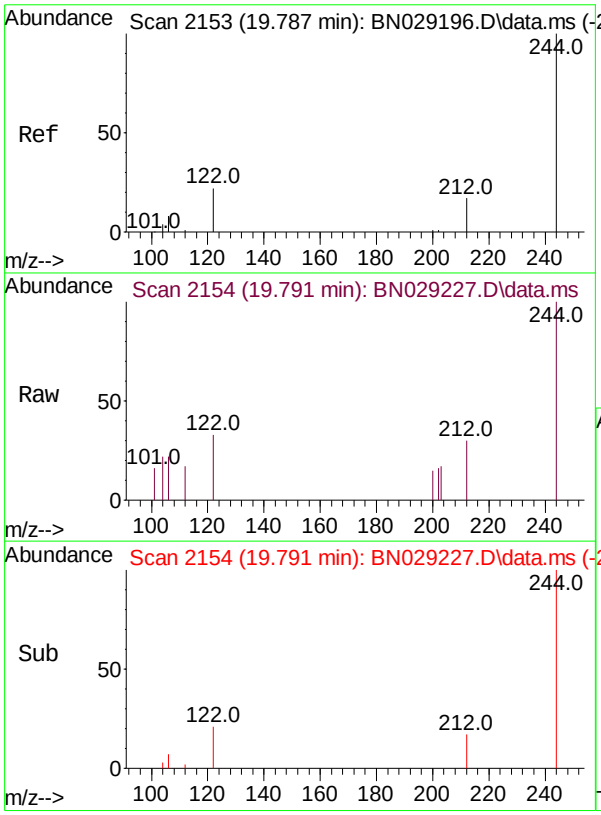


#30
Pyrene
Concen: 0.437 ng
RT: 19.568 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:202 Resp: 1667

Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.2	27.4
203	16.6	14.8	22.2



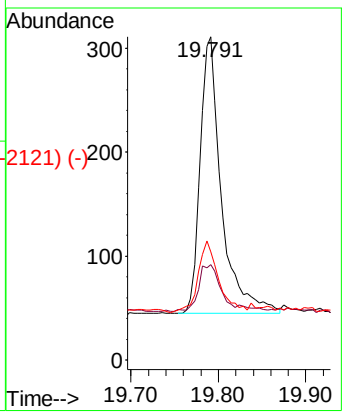


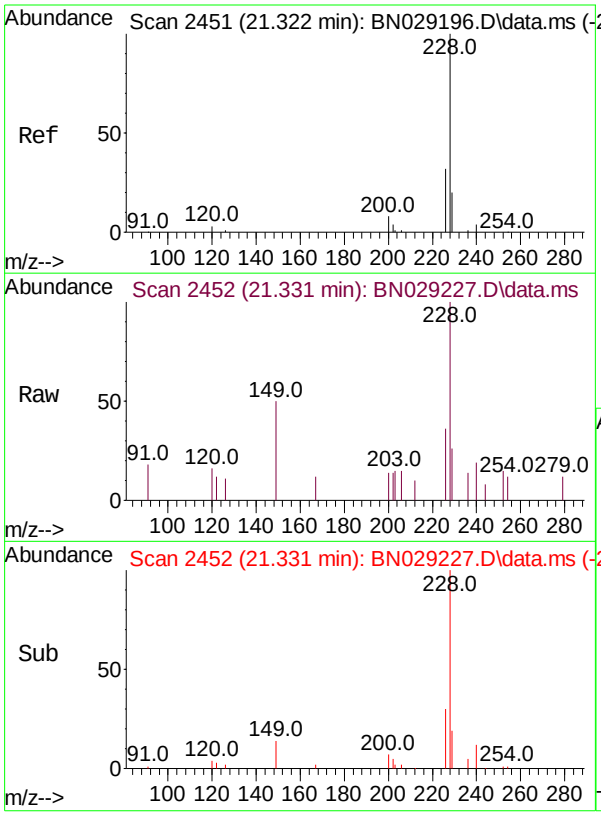
#84
Terphenyl-d14
Concen: 0.383 ng
RT: 19.791 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:244 Resp: 450

Ion	Ratio	Lower	Upper
244	100		
212	29.6	20.1	30.1
122	33.4	23.9	35.9

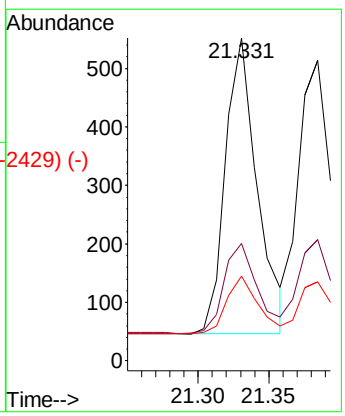


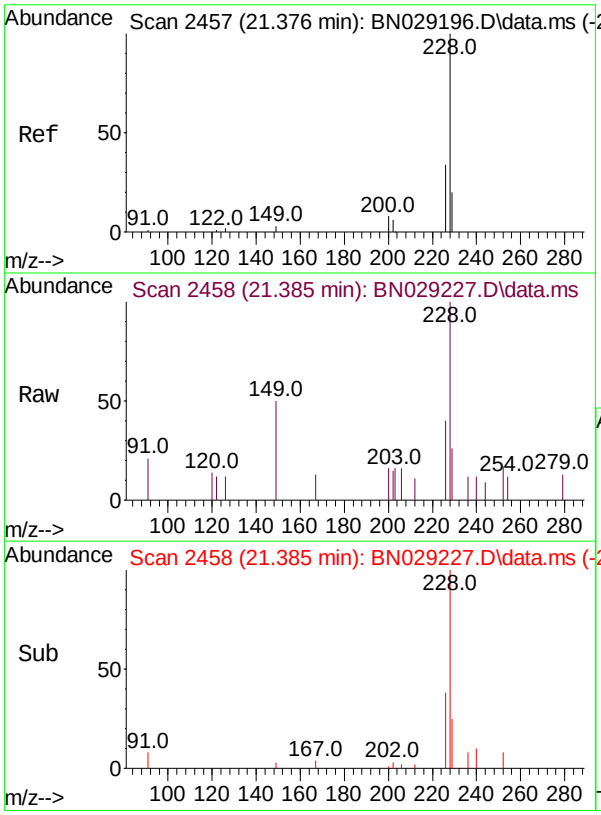


#82
Benzo(a)anthracene
Concen: 0.362 ng
RT: 21.331 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:228 Resp: 793

Ion	Ratio	Lower	Upper
228	100		
226	36.4	29.0	43.4
229	26.3	20.1	30.1



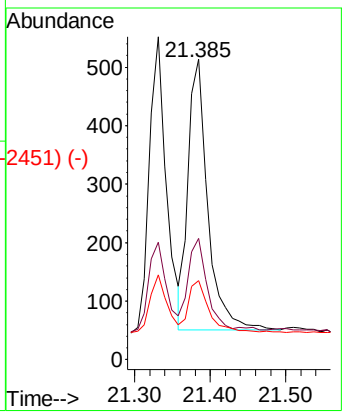


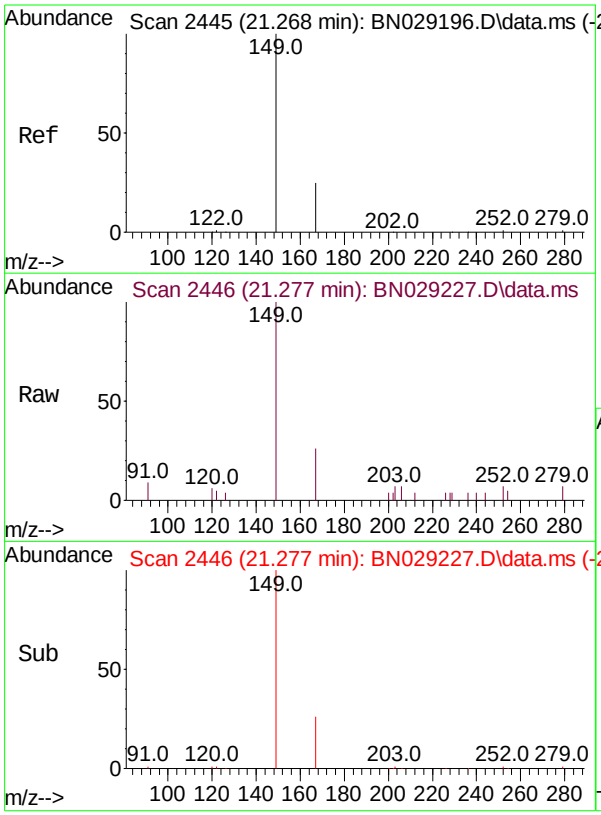
#33
Chrysene
Concen: 0.380 ng
RT: 21.385 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:228 Resp: 832

Ion	Ratio	Lower	Upper
228	100		
226	40.3	30.4	45.6
229	26.3	19.8	29.6

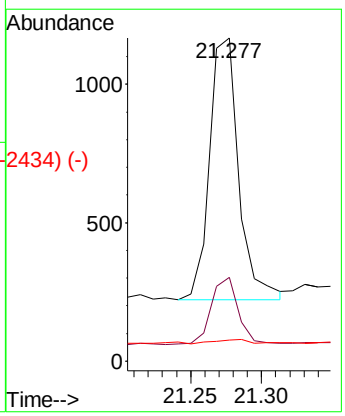


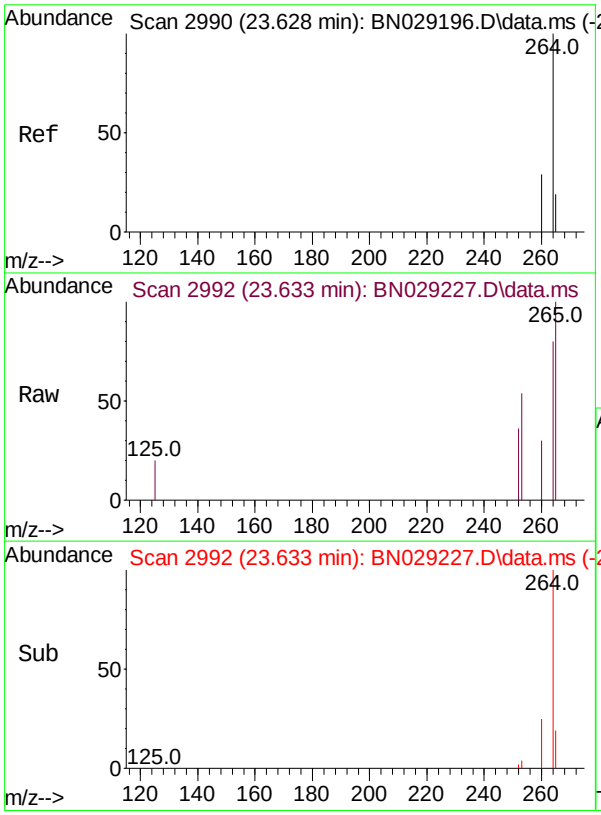


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.277 min Scan# 2446
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:149 Resp: 1354

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.7	31.1
279	2.0	2.4	3.6#



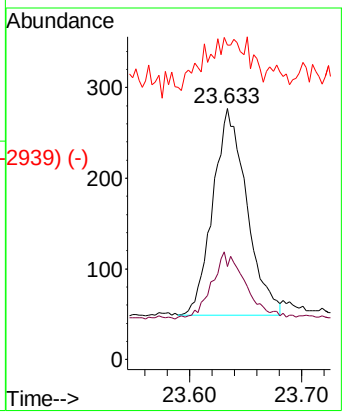


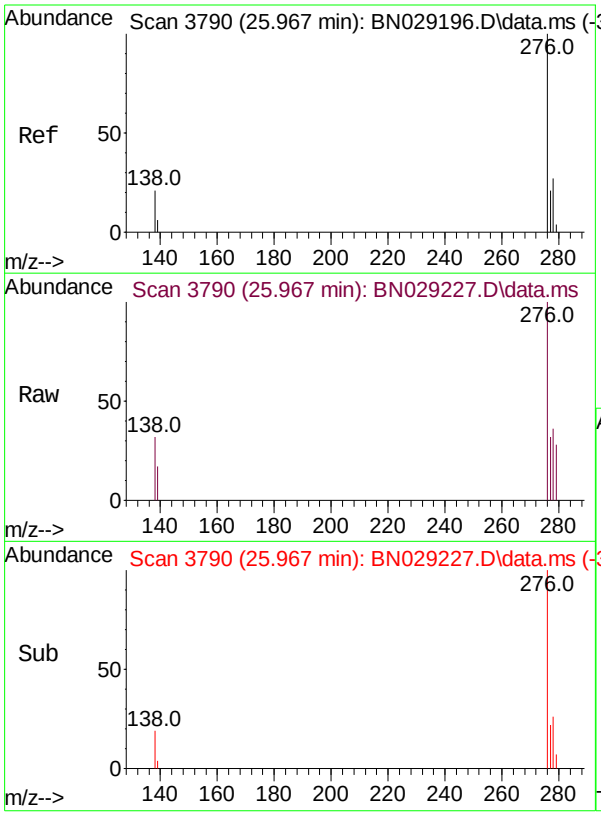
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:264 Resp: 479

Ion	Ratio	Lower	Upper
264	100		
260	37.2	30.2	45.4
265	125.3	88.1	132.1

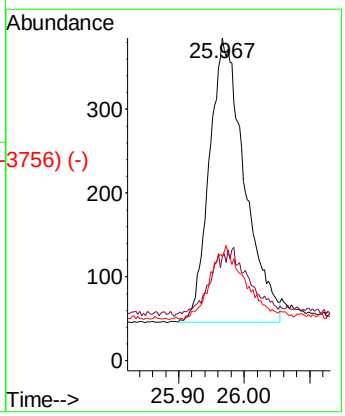


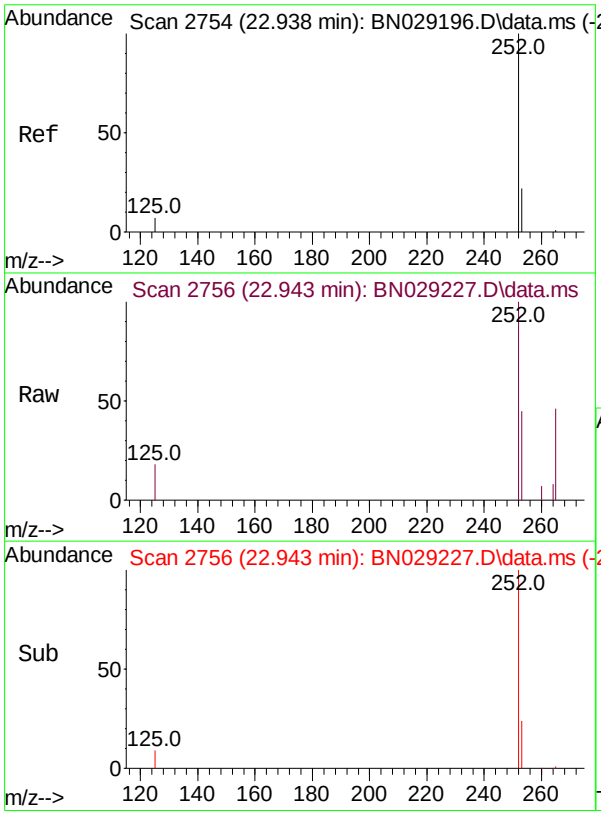


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.967 min Scan# 3790
Delta R.T. 0.000 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:276 Resp: 1258

Ion	Ratio	Lower	Upper
276	100		
138	8.3	18.4	27.6#
277	24.4	17.2	25.8



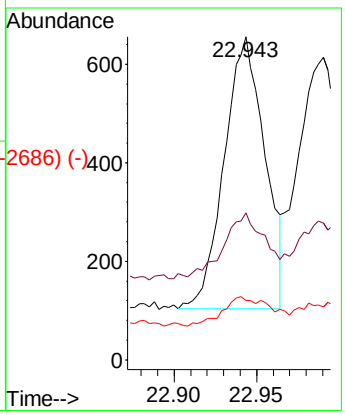


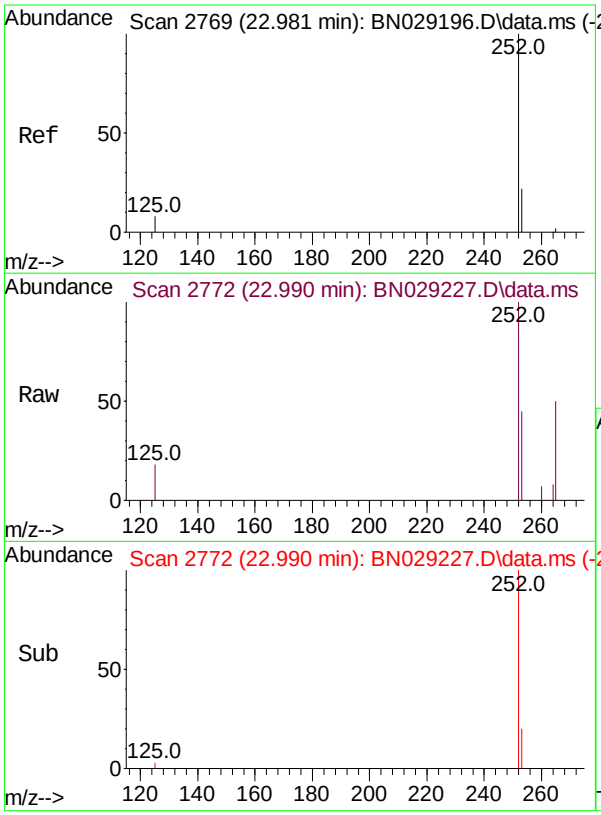
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.943 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:252 Resp: 942

Ion	Ratio	Lower	Upper
252	100		
253	45.4	34.3	51.5
125	18.4	13.4	20.0

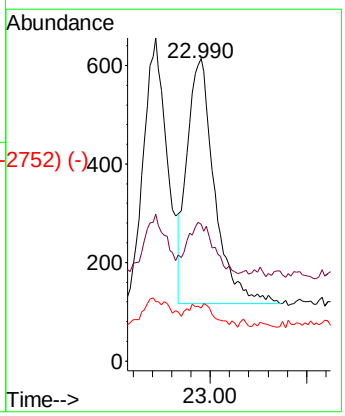


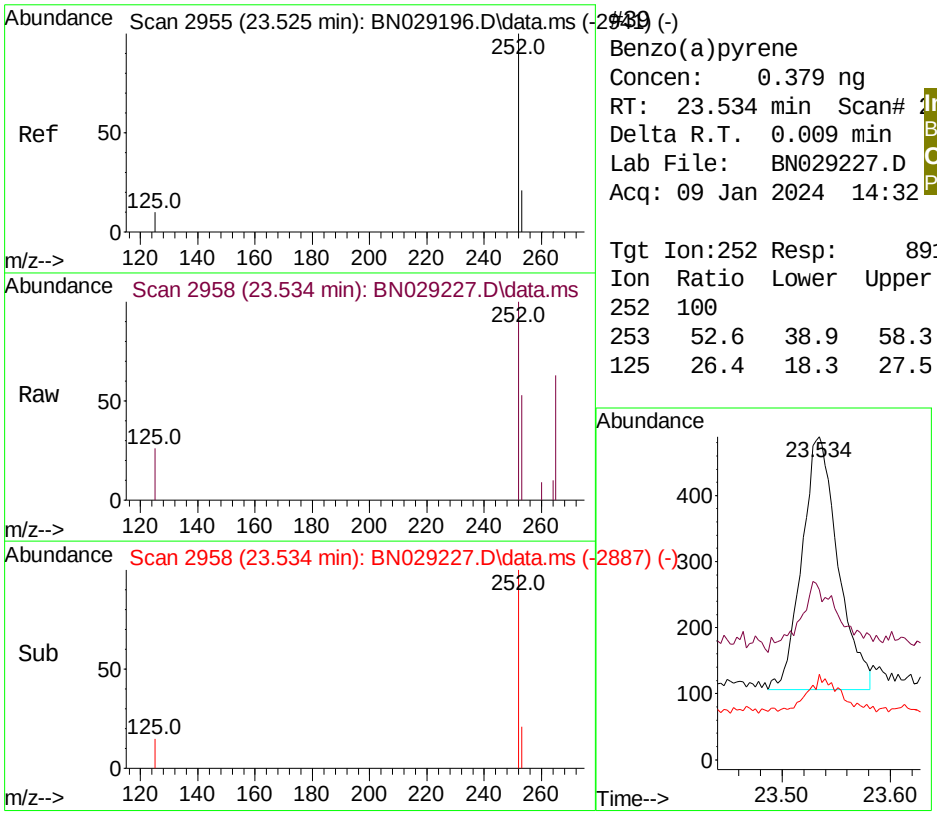


#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.990 min Scan# 2772
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:252 Resp: 984

Ion	Ratio	Lower	Upper
252	100		
253	45.3	33.4	50.0
125	17.6	13.9	20.9



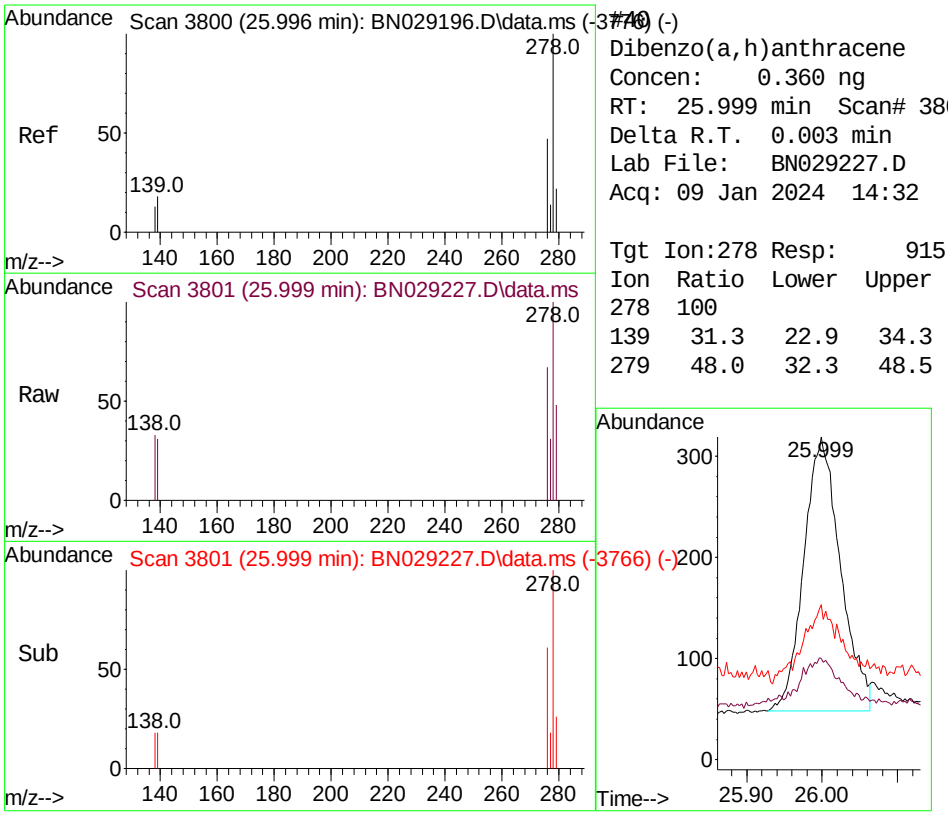


#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.534 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:252 Resp: 891

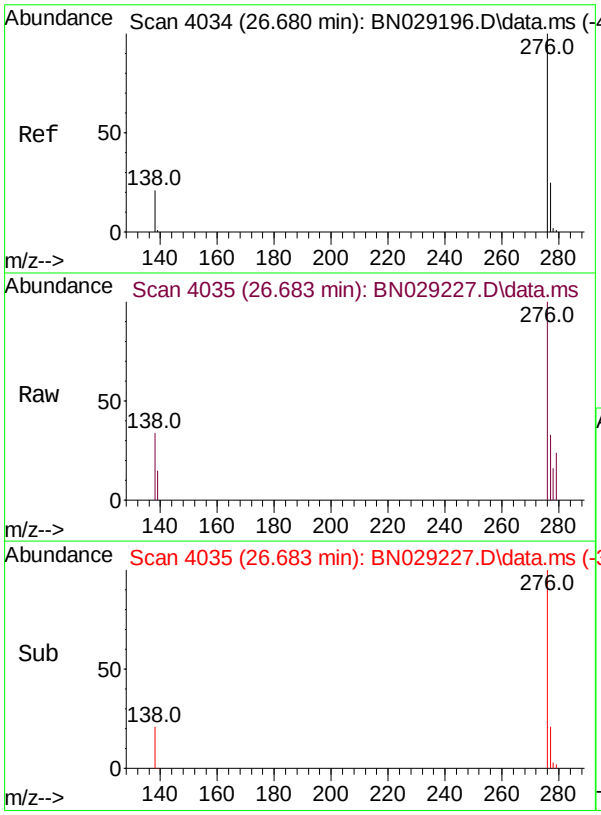
Ion	Ratio	Lower	Upper
252	100		
253	52.6	38.9	58.3
125	26.4	18.3	27.5



#40
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 25.999 min Scan# 3801
Delta R.T. 0.003 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Tgt Ion:278 Resp: 915

Ion	Ratio	Lower	Upper
278	100		
139	31.3	22.9	34.3
279	48.0	32.3	48.5



#41
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 26.683 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029227.D
Acq: 09 Jan 2024 14:32

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Tgt Ion:276 Resp: 1110

Ion	Ratio	Lower	Upper
276	100		
277	32.7	26.4	39.6
138	33.5	26.0	39.0