Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029336.D
Acq On : 22 Jan 2024 17:48
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 23 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 01:24:33 2024
Response via : Initial Calibration

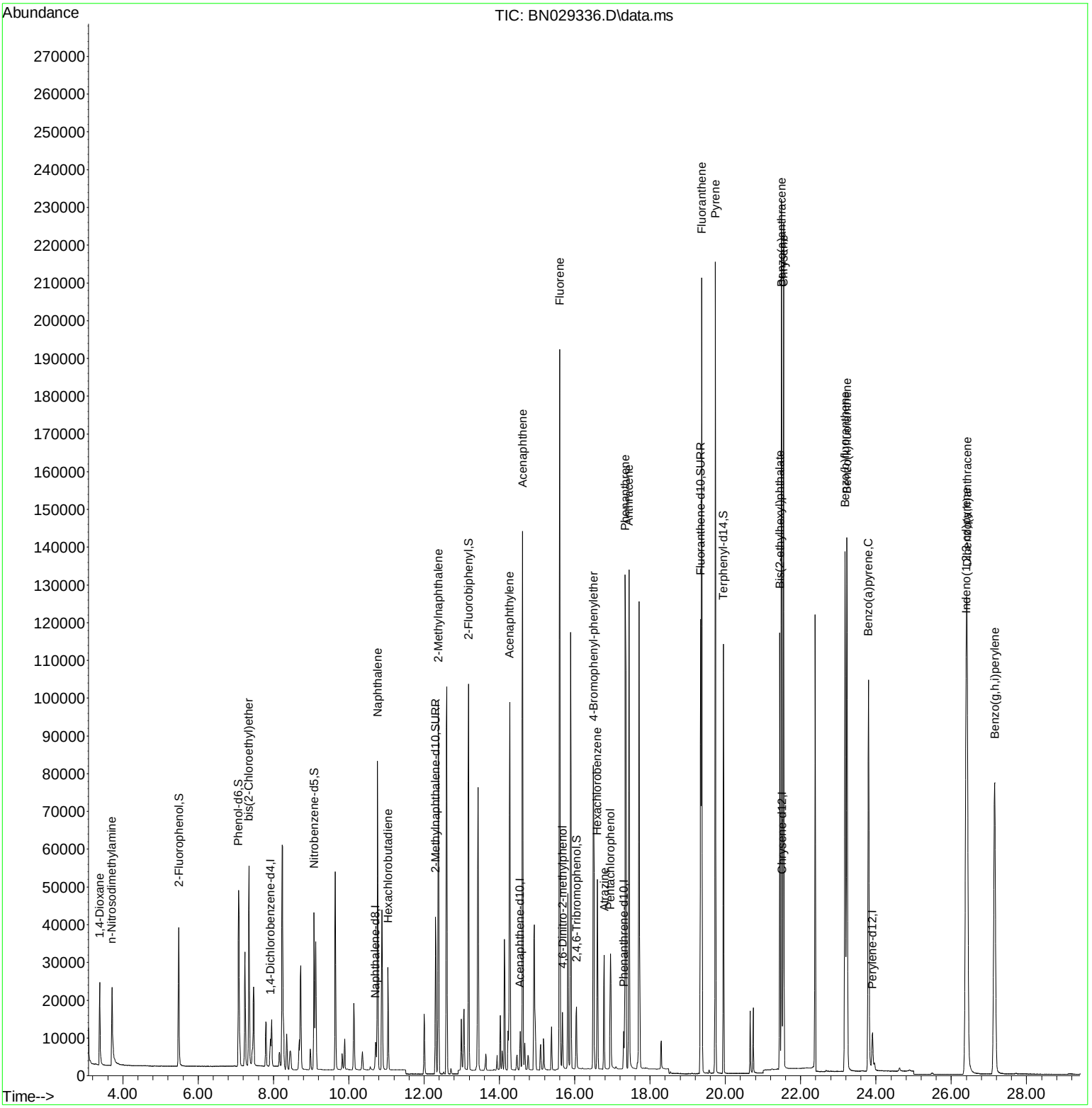
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3468	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9663	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5607	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	12452	0.400	ng		0.00
29) Chrysene-d12	21.510	240	12636	0.400	ng		0.00
35) Perylene-d12	23.908	264	13118	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	29825	3.470	ng		0.00
5) Phenol-d6	7.074	99	39867	3.496	ng		0.00
8) Nitrobenzene-d5	9.078	82	32416	3.618	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	54311	3.294	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	9789	5.691	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	85471	3.274	ng		0.00
27) Fluoranthene-d10	19.345	212	130475	3.455	ng		0.00
31) Terphenyl-d14	19.949	244	101968	3.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	14518	3.429	ng		95
3) n-Nitrosodimethylamine	3.709	42	16542	3.928	ng	#	100
6) bis(2-Chloroethyl)ether	7.349	93	37172	3.474	ng		100
9) Naphthalene	10.765	128	101277	3.367	ng		97
10) Hexachlorobutadiene	11.043	225	20888	3.207	ng	#	100
12) 2-Methylnaphthalene	12.382	142	67438	3.336	ng		99
16) Acenaphthylene	14.276	152	103412	3.626	ng		100
17) Acenaphthene	14.618	154	66367	3.430	ng		98
18) Fluorene	15.604	166	89869	3.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	8639	4.722	ng	#	82
21) 4-Bromophenyl-phenylether	16.498	248	30070	4.538	ng	#	65
22) Hexachlorobenzene	16.597	284	36458	3.364	ng		99
23) Atrazine	16.784	200	23821	3.892	ng		98
24) Pentachlorophenol	16.945	266	14696	4.394	ng		98
25) Phenanthrene	17.342	178	141800	3.412	ng		100
26) Anthracene	17.442	178	133249	3.667	ng		99
28) Fluoranthene	19.373	202	179808	3.527	ng		100
30) Pyrene	19.735	202	183455	3.438	ng		100
32) Benzo(a)anthracene	21.492	228	181678	3.727	ng		100
33) Chrysene	21.546	228	177715	3.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.447	149	95892	4.360	ng		99
36) Indeno(1,2,3-cd)pyrene	26.393	276	200942	3.426	ng		100
37) Benzo(b)fluoranthene	23.180	252	182150	3.296	ng		97
38) Benzo(k)fluoranthene	23.230	252	184623	3.439	ng		97
39) Benzo(a)pyrene	23.803	252	154077	3.463	ng		94
40) Dibenzo(a,h)anthracene	26.420	278	162801	3.438	ng		96
41) Benzo(g,h,i)perylene	27.153	276	168640	3.375	ng		98

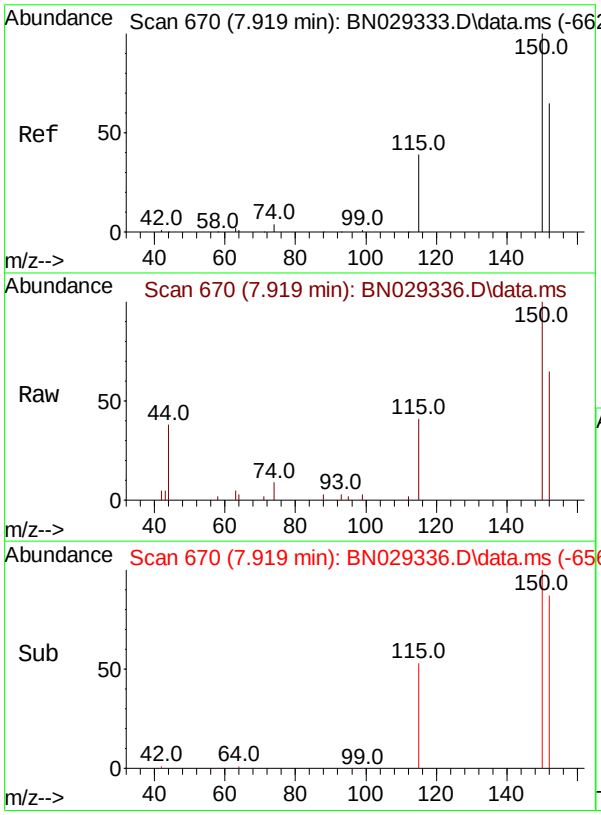
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029336.D
Acq On : 22 Jan 2024 17:48
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 23 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 01:24:33 2024
Response via : Initial Calibration



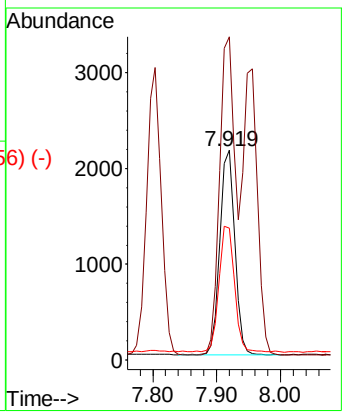


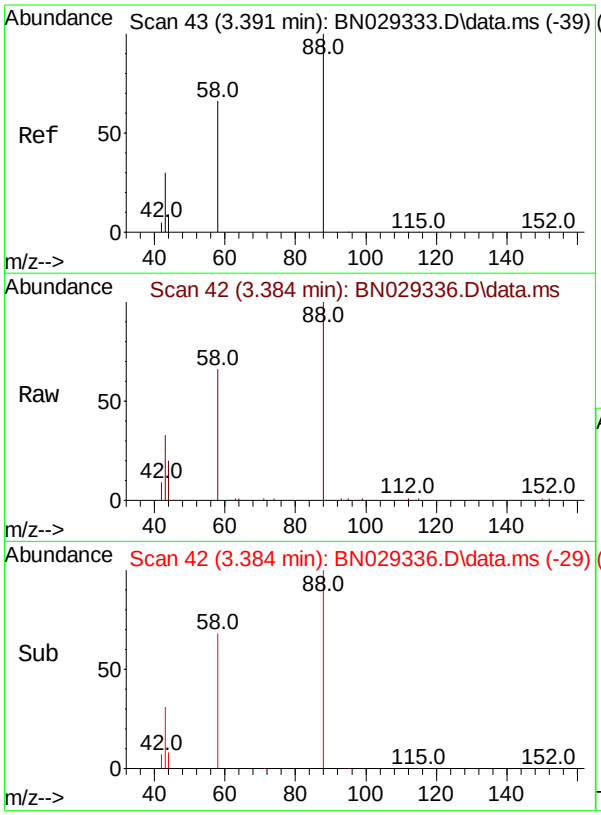
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3468

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.1	181.7
115	62.8	49.8	74.6

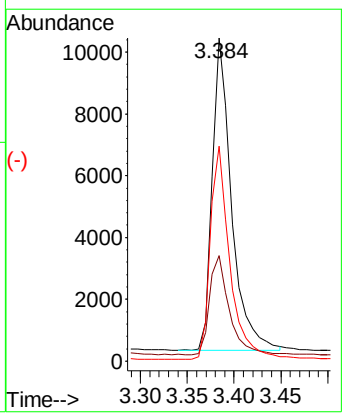


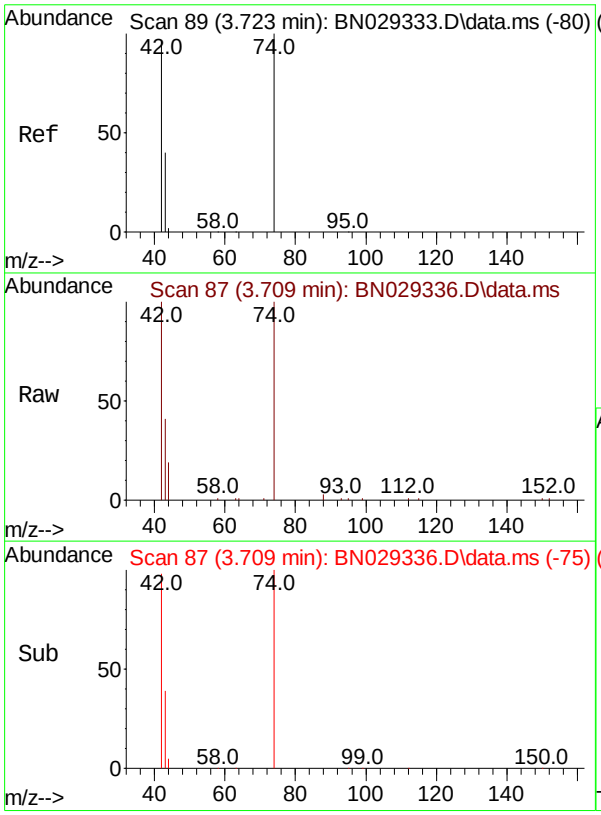


#2
1,4-Dioxane
Concen: 3.429 ng
RT: 3.384 min Scan# 42
Delta R.T. -0.007 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion: 88 Resp: 14518

Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.2	43.8
58	68.6	57.8	86.8



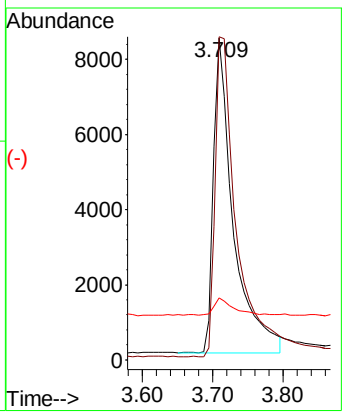


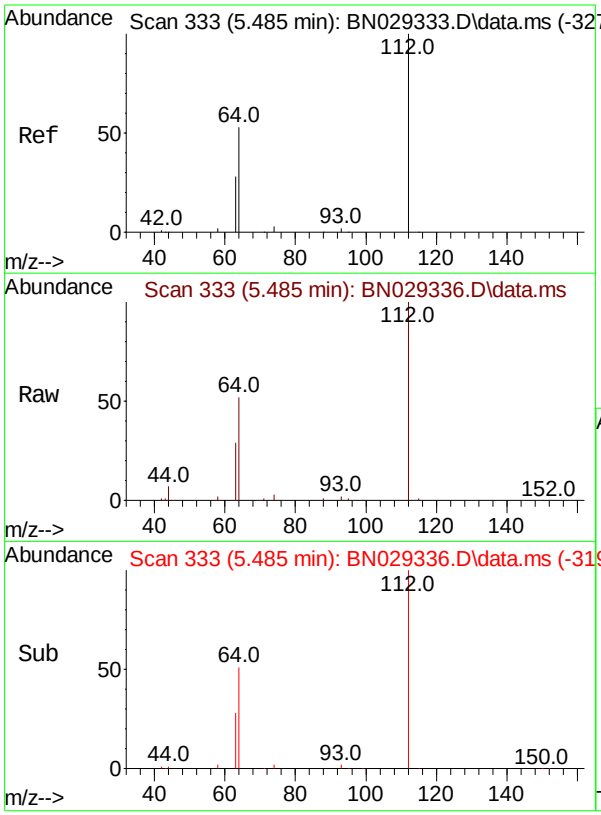
#3
n-Nitrosodimethylamine
Concen: 3.928 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 16542

Ion	Ratio	Lower	Upper
42	100		
74	109.2	87.4	131.0
44	5.6	3.1	4.7#

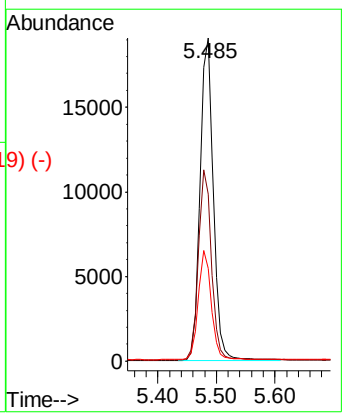


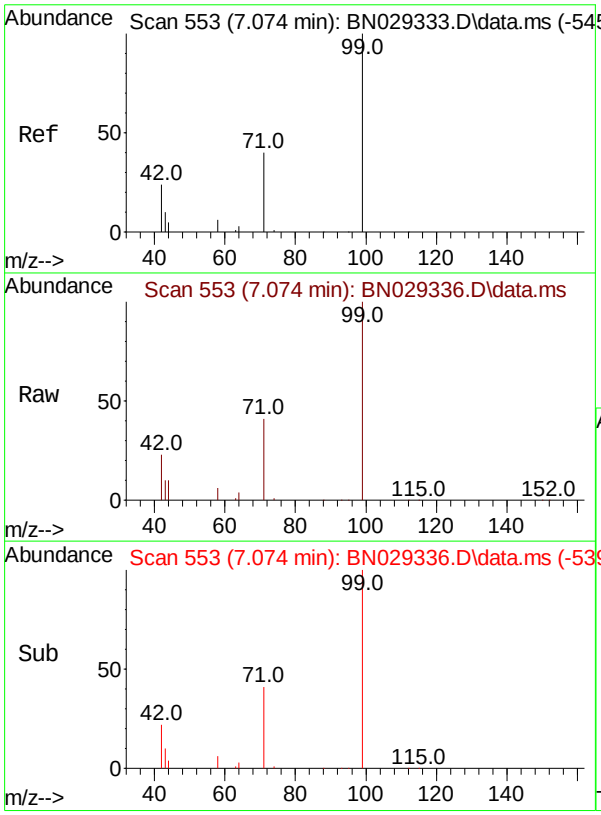


#4
2-Fluorophenol
Concen: 3.470 ng
RT: 5.485 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:112 Resp: 29825

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	33.0	27.0	40.6



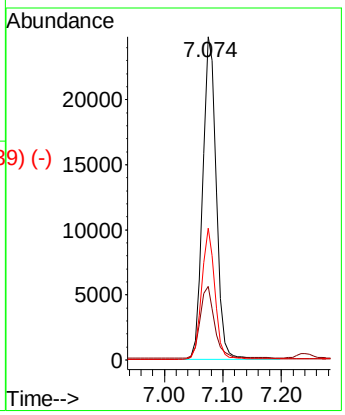


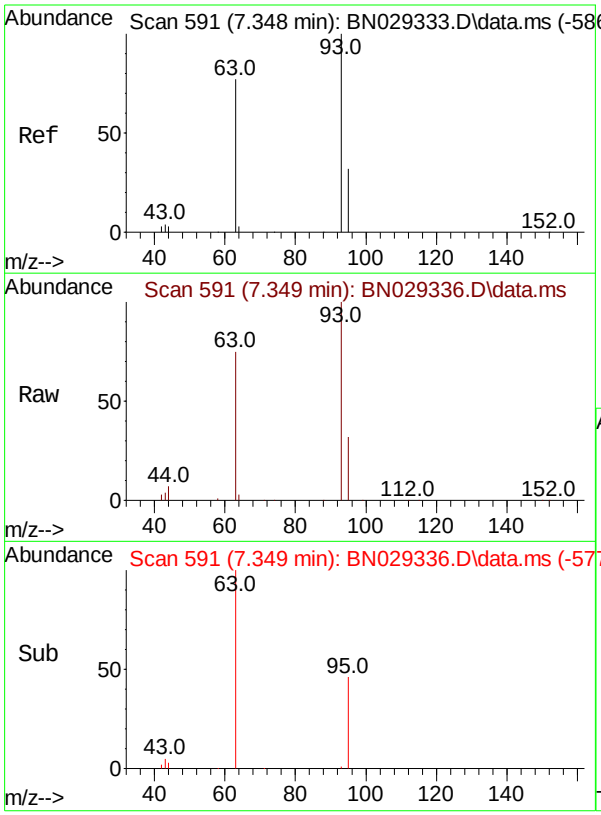
#5
Phenol-d6
Concen: 3.496 ng
RT: 7.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 39867

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.3	28.9
71	39.3	31.0	46.6

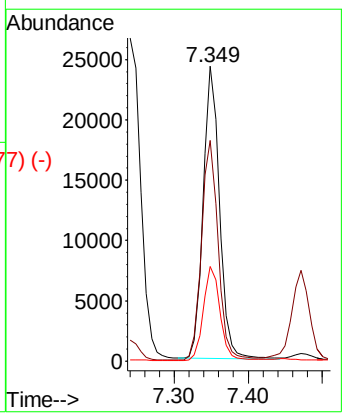


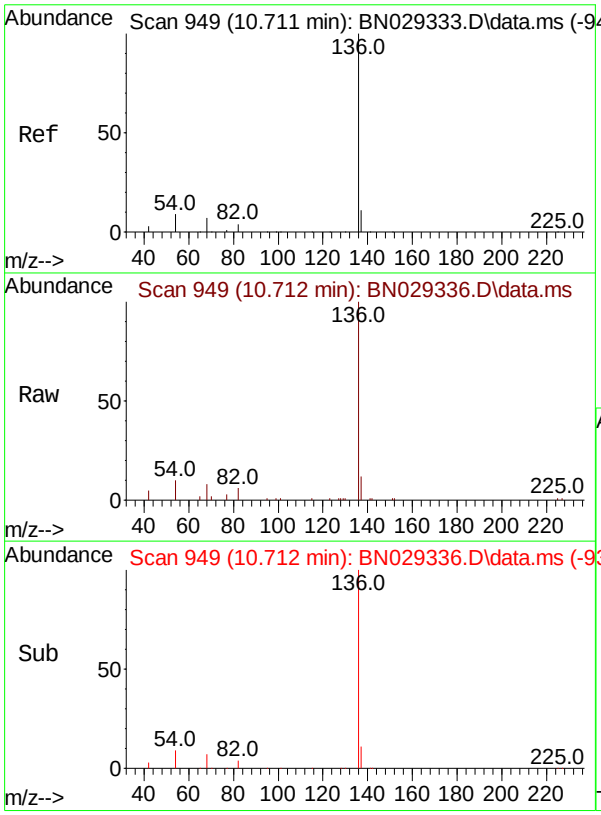


#6
bis(2-Chloroethyl)ether
Concen: 3.474 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion: 93 Resp: 37172

Ion	Ratio	Lower	Upper
93	100		
63	76.4	61.0	91.4
95	32.7	26.5	39.7



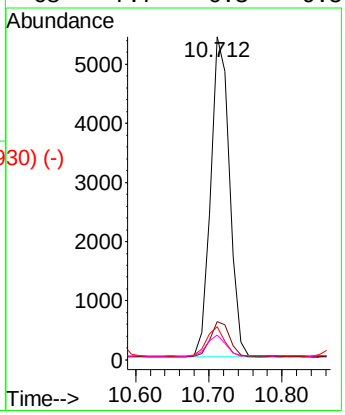


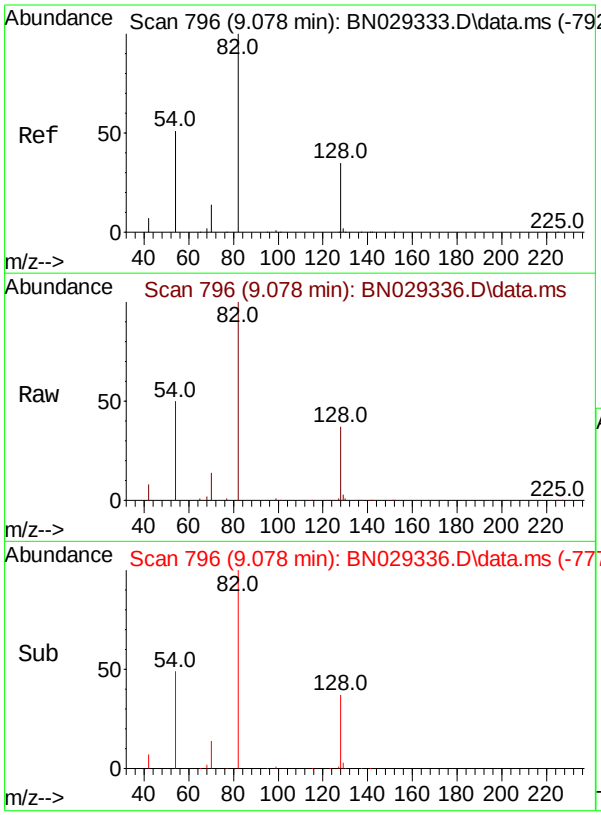
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 9663

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	10.3	7.9	11.9
68	7.7	6.3	9.5

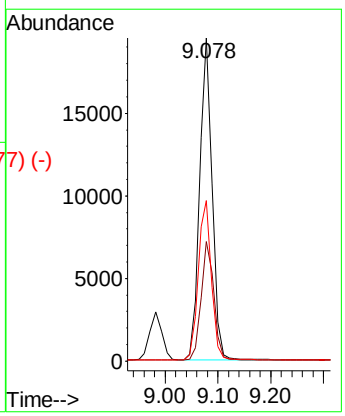


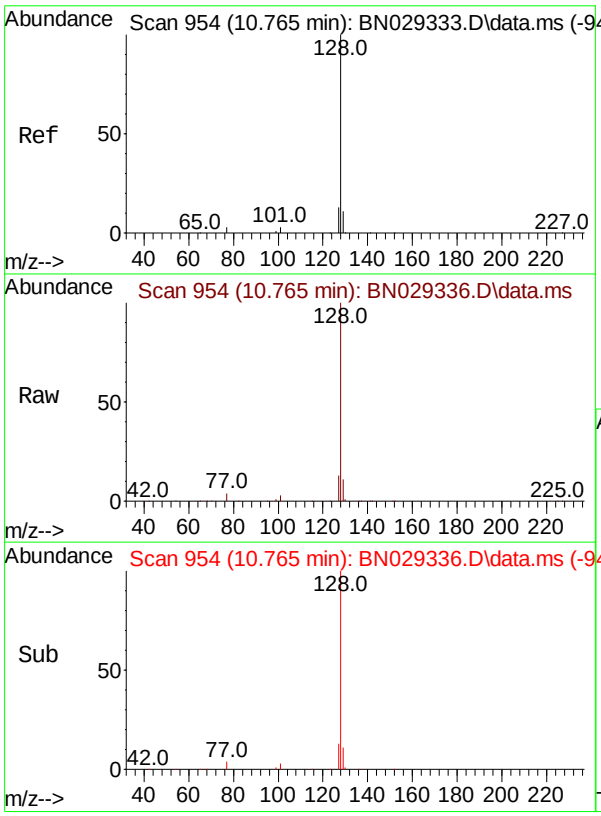


#8
Nitrobenzene-d5
Concen: 3.618 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion: 82 Resp: 32416

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.6
54	49.7	42.5	63.7



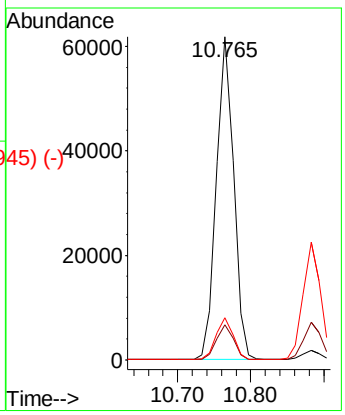


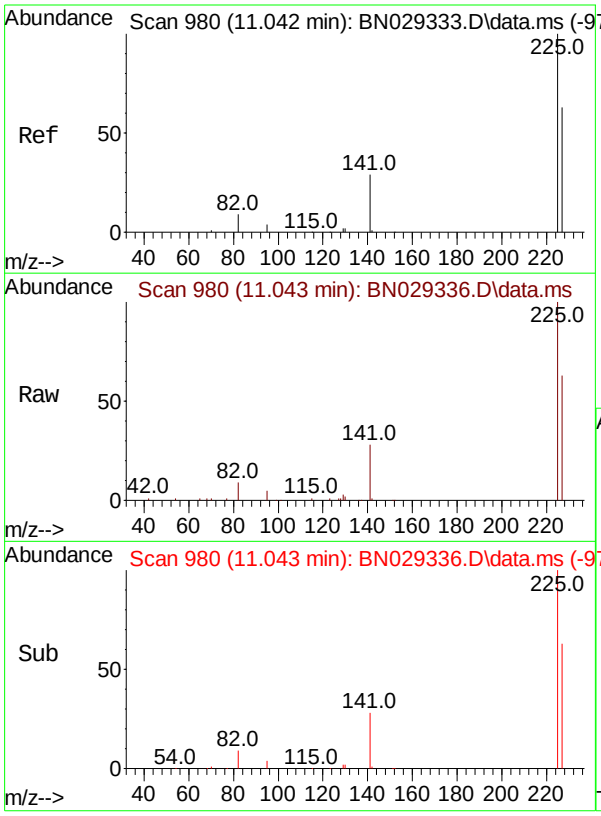
#9
Naphthalene
Concen: 3.367 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 101277

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.6	14.4
127	13.1	11.3	16.9

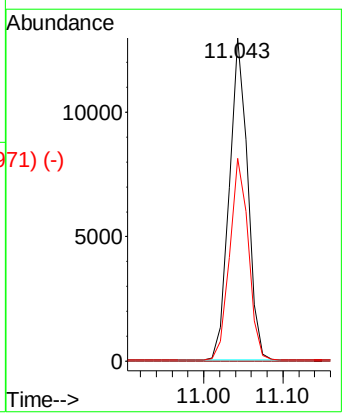


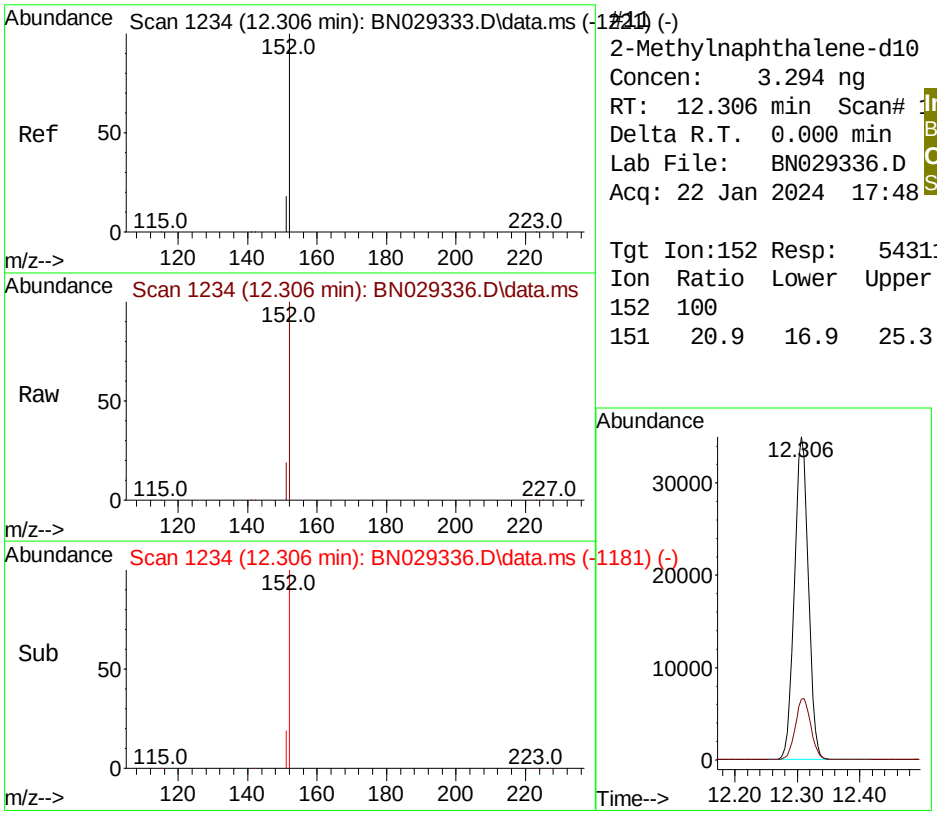


#10
Hexachlorobutadiene
Concen: 3.207 ng
RT: 11.043 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:225 Resp: 20888

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.6	76.0



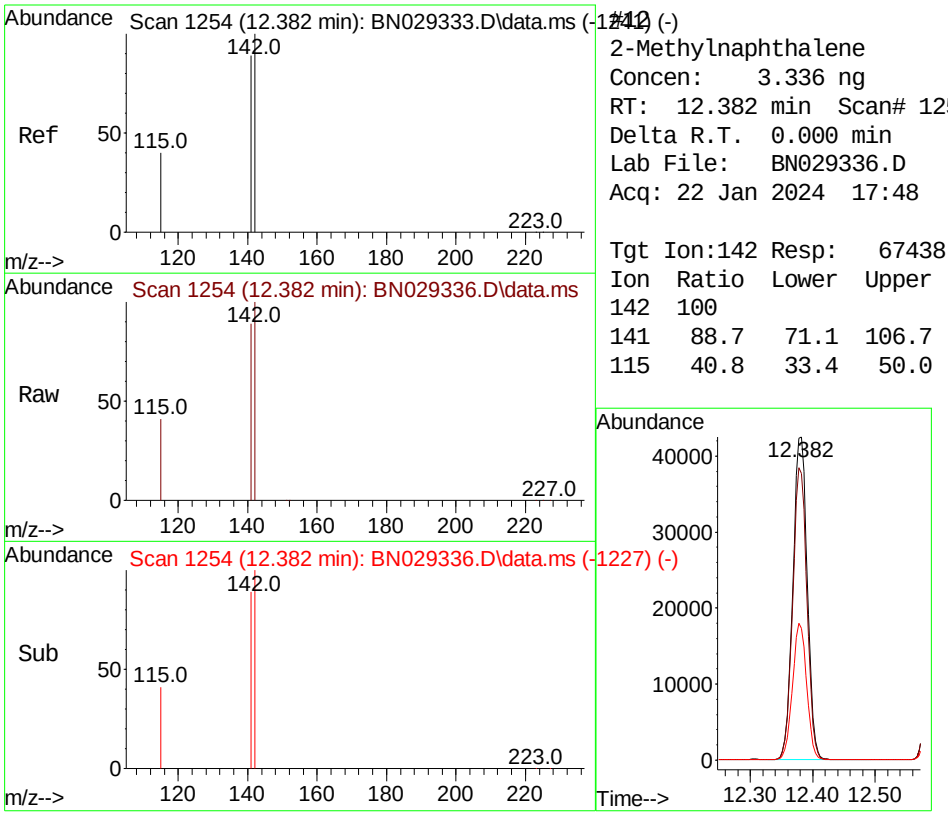


#11
2-Methylnaphthalene-d10
Concen: 3.294 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 54311

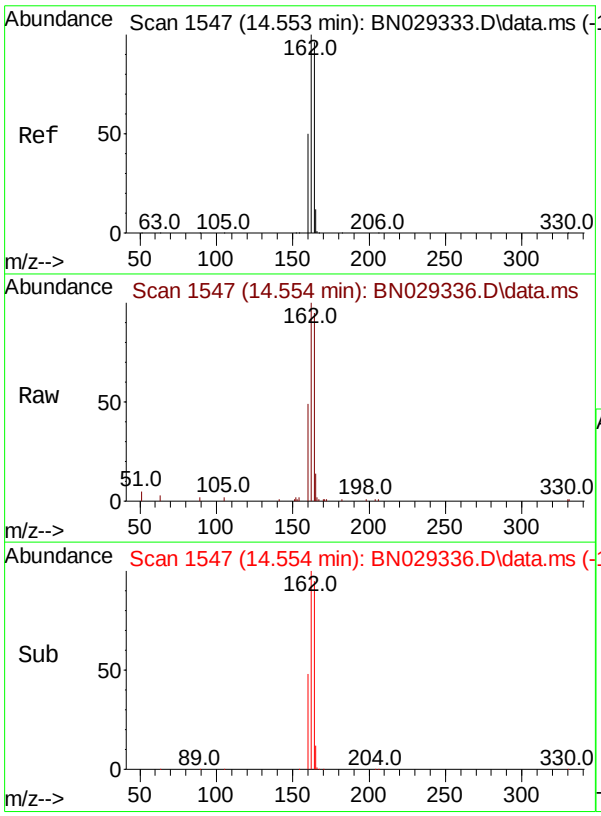
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3



#12
2-Methylnaphthalene
Concen: 3.336 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:142 Resp: 67438

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7
115	40.8	33.4	50.0

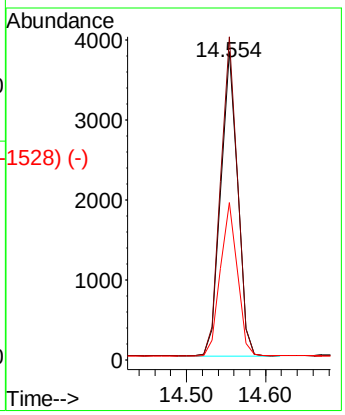


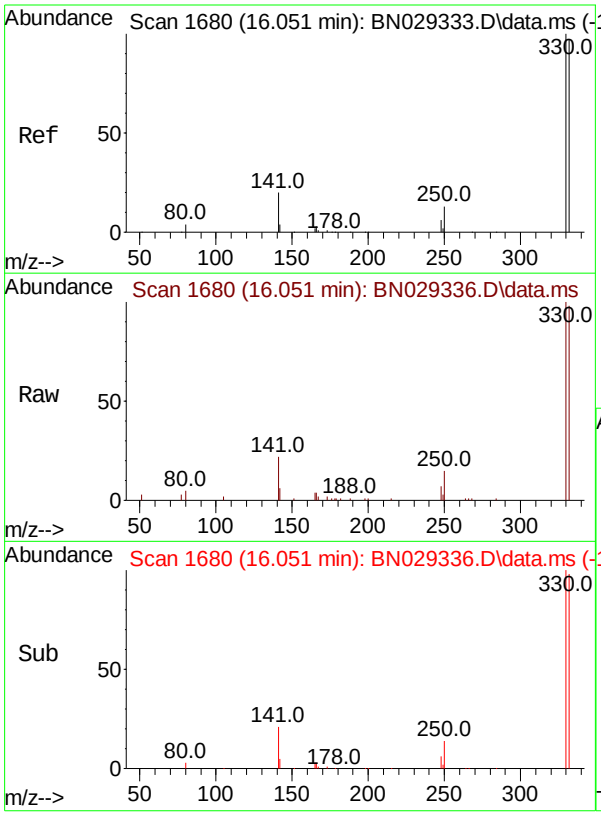
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 5607

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	51.1	42.1	63.1

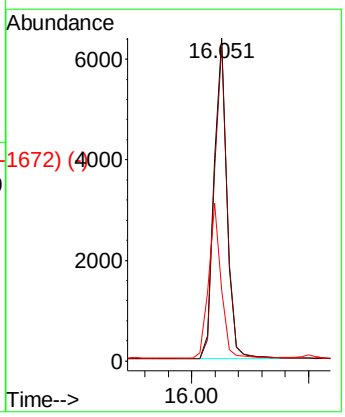


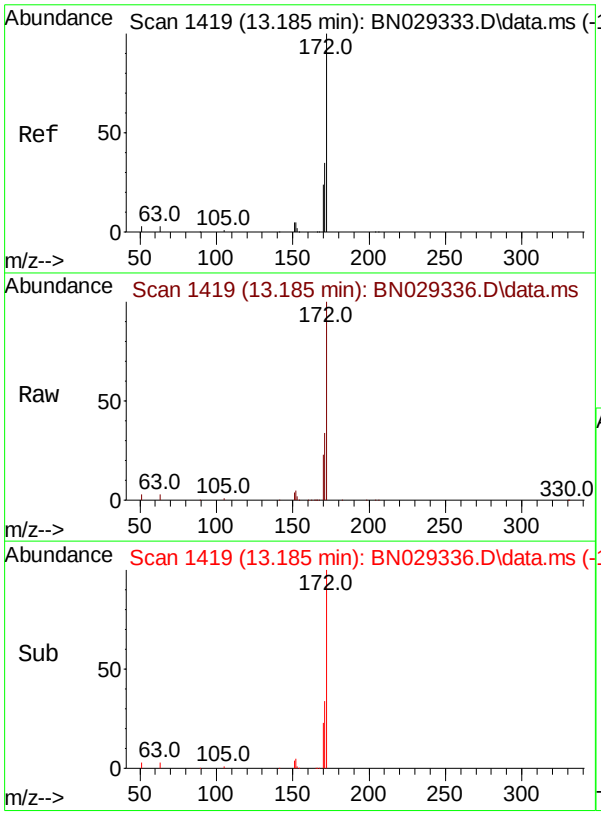


#14
2,4,6-Tribromophenol
Concen: 5.691 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:330 Resp: 9789

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	47.1	37.2	55.8



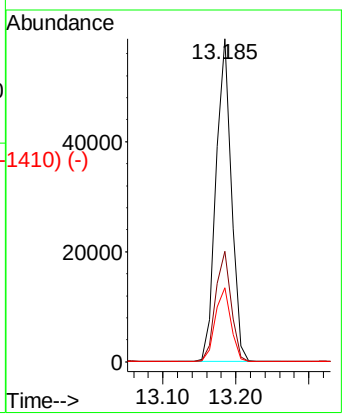


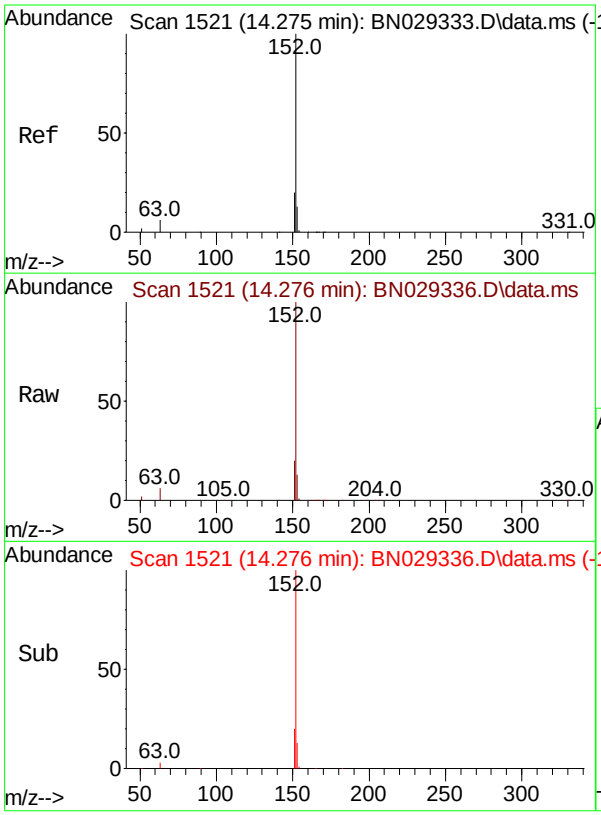
#15
2-Fluorobiphenyl
Concen: 3.274 ng
RT: 13.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 85471

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.9	19.3	28.9

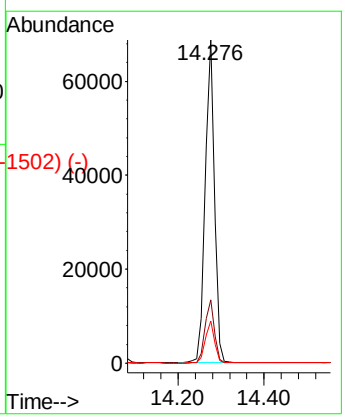


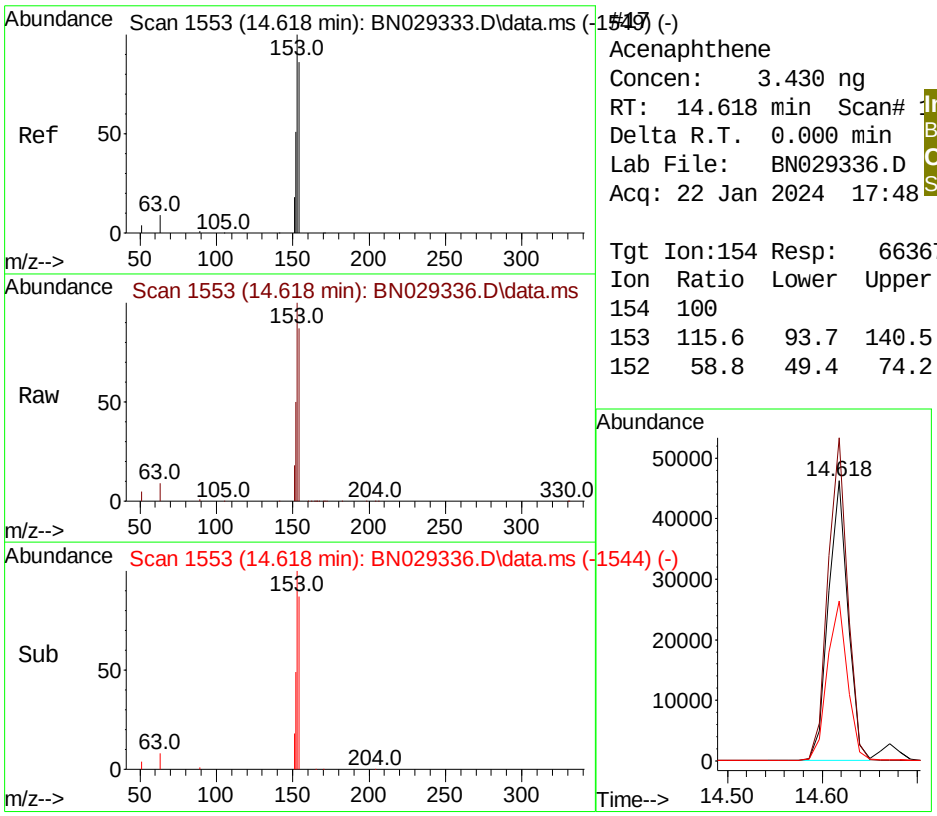


#16
Acenaphthylene
Concen: 3.626 ng
RT: 14.276 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:152 Resp: 103412

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.2	15.4



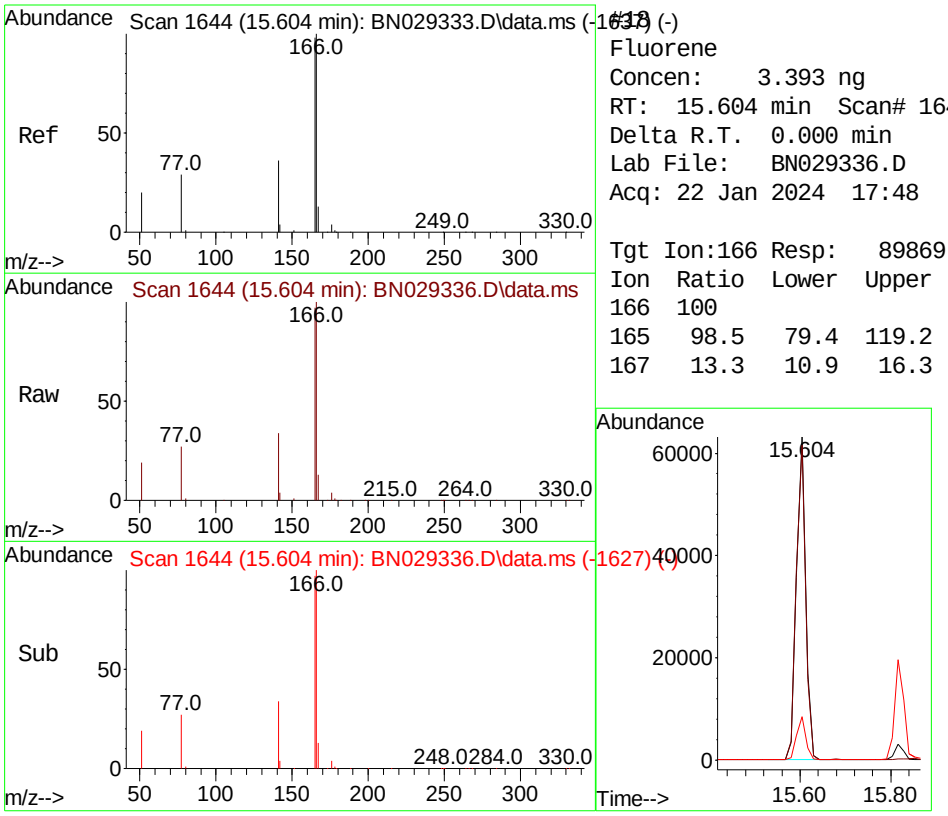


#17
Acenaphthene
Concen: 3.430 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 66367

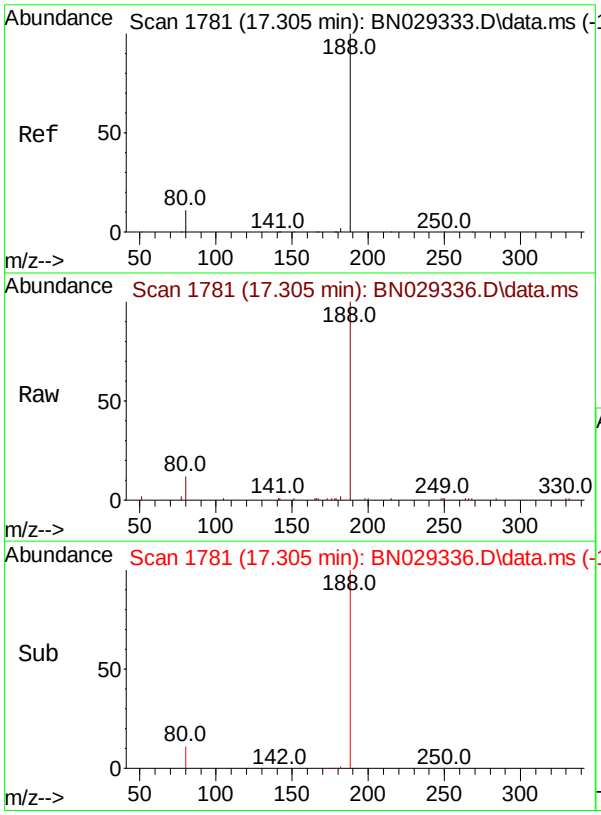
Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.7	140.5
152	58.8	49.4	74.2



#18
Fluorene
Concen: 3.393 ng
RT: 15.604 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:166 Resp: 89869

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.2
167	13.3	10.9	16.3

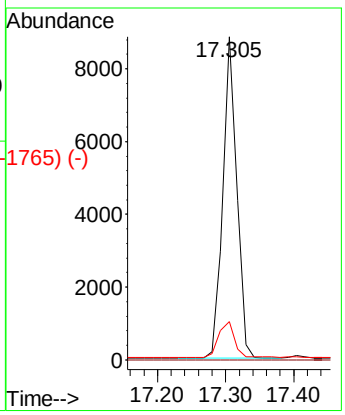


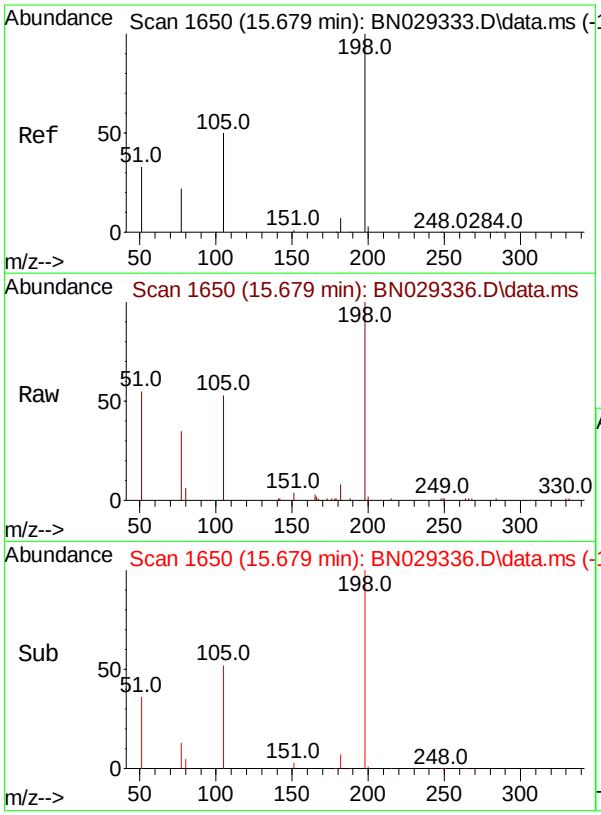
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 12452

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	9.4	14.2

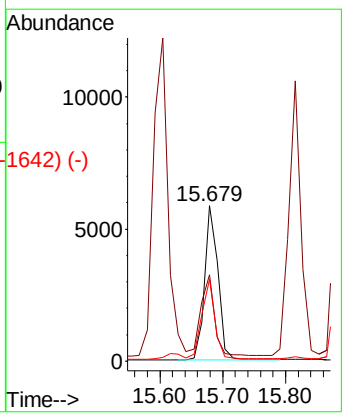


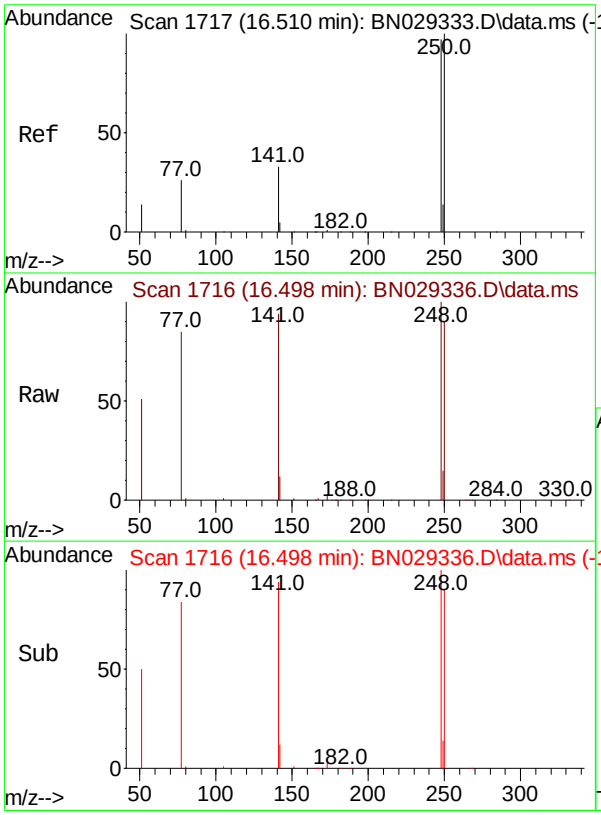


#20
4,6-Dinitro-2-methylphenol
Concen: 4.722 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:198 Resp: 8639

Ion	Ratio	Lower	Upper
198	100		
51	55.5	60.5	90.7#
105	52.8	48.7	73.1



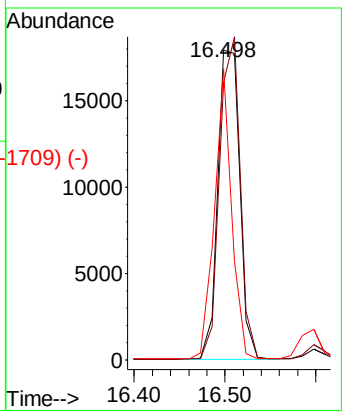


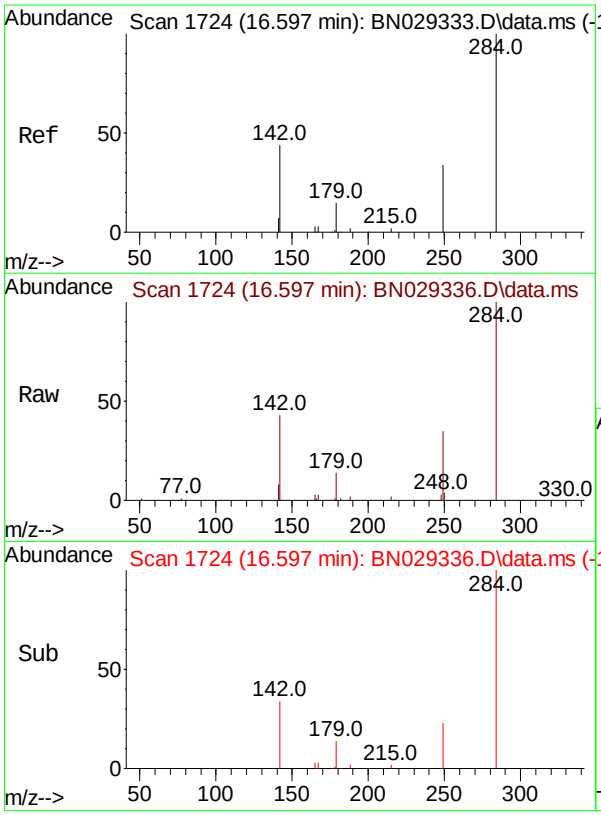
#21
4-Bromophenyl-phenylether
Concen: 4.538 ng
RT: 16.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 30070

Ion	Ratio	Lower	Upper
248	100		
250	89.7	82.6	123.8
141	94.1	28.7	43.1#

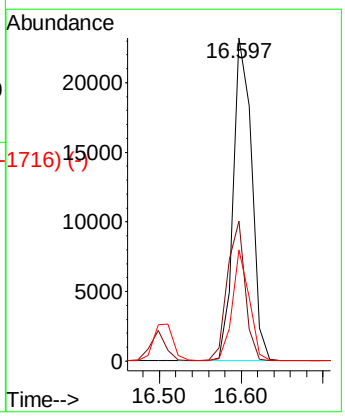


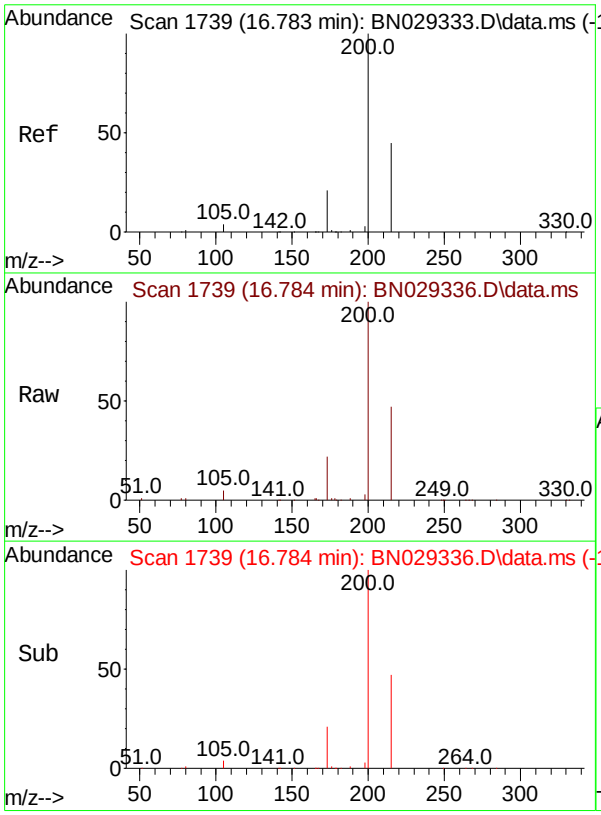


#22
Hexachlorobenzene
Concen: 3.364 ng
RT: 16.597 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:284 Resp: 36458

Ion	Ratio	Lower	Upper
284	100		
142	41.9	33.8	50.6
249	31.3	25.5	38.3



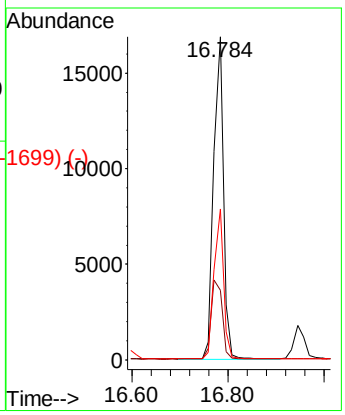


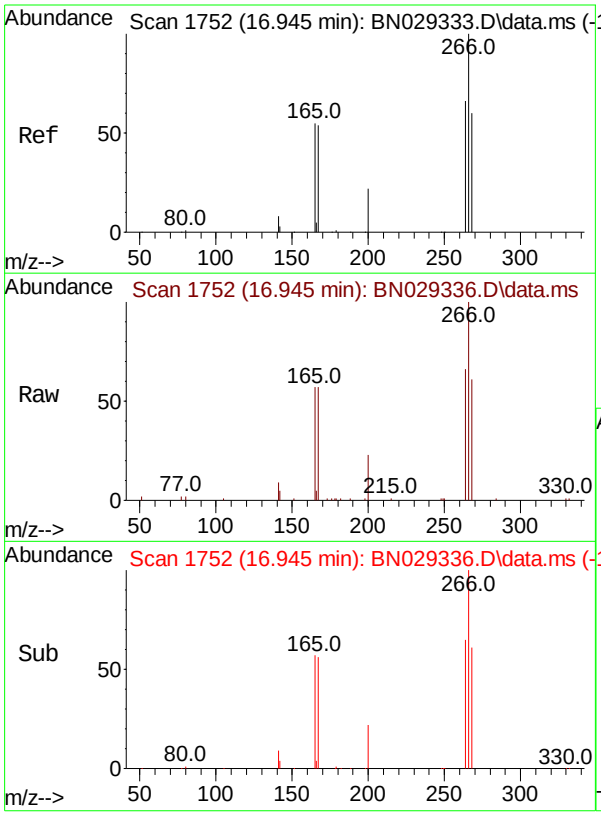
#23
Atrazine
Concen: 3.892 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 23821

Ion	Ratio	Lower	Upper
200	100		
173	21.5	18.6	28.0
215	46.8	37.1	55.7

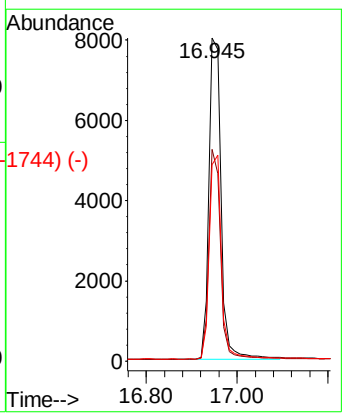


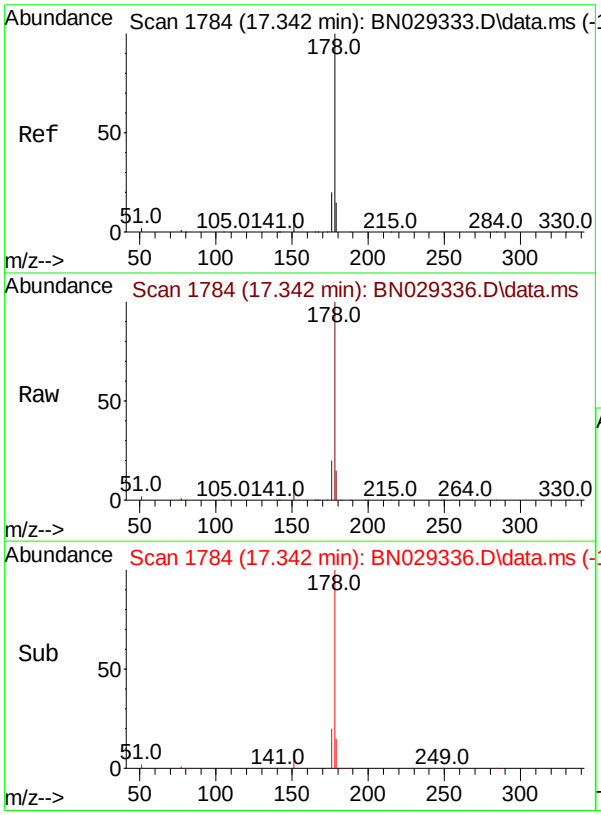


#24
Pentachlorophenol
Concen: 4.394 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:266 Resp: 14696

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.8
268	63.4	48.8	73.2



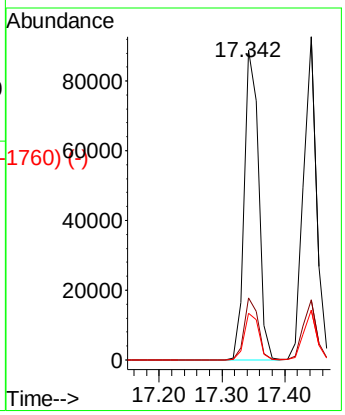


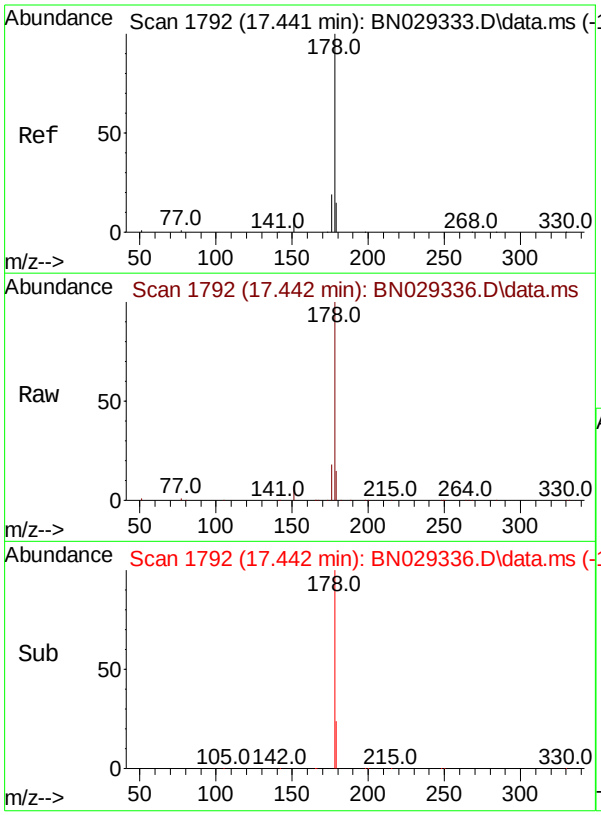
#25
Phenanthrene
Concen: 3.412 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 141800

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.4	18.6

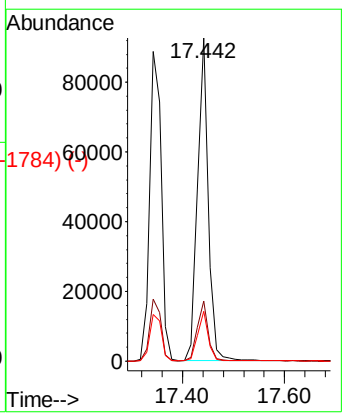


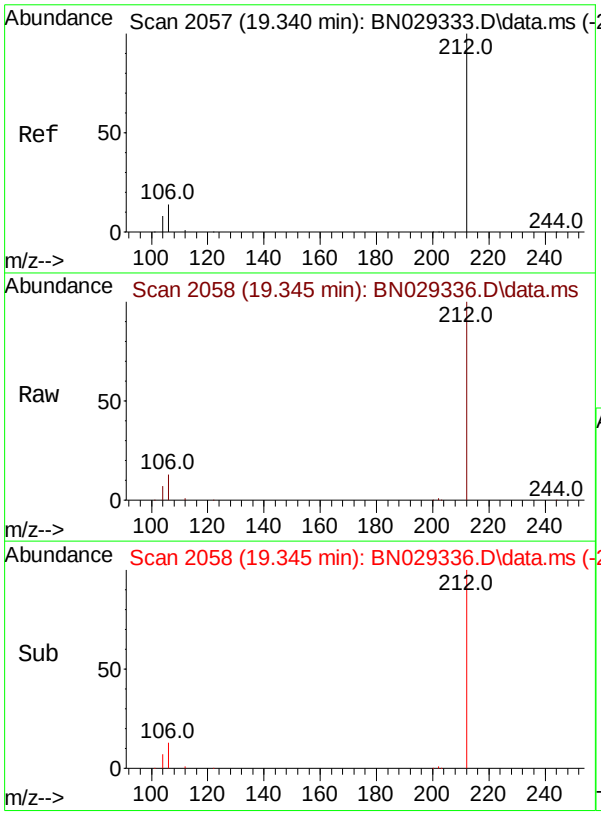


#26
Anthracene
Concen: 3.667 ng
RT: 17.442 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:178 Resp: 133249

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.2	12.1	18.1



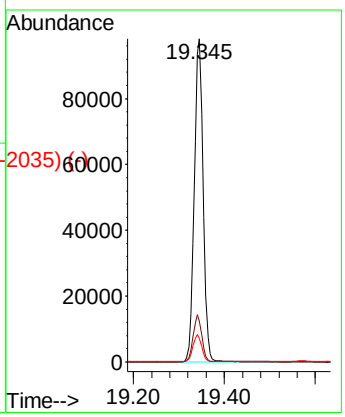


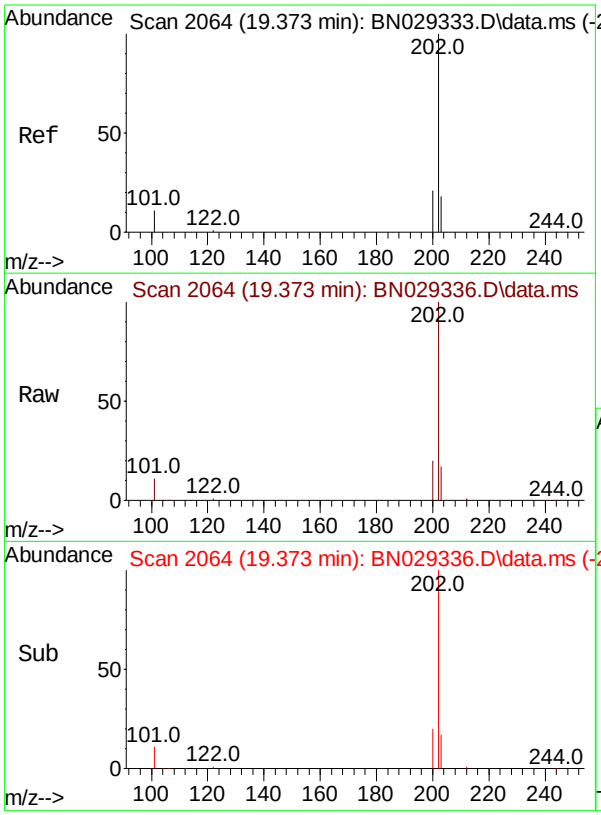
#27
Fluoranthene-d10
Concen: 3.455 ng
RT: 19.345 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 130475

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.4	17.0
104	8.3	6.8	10.2

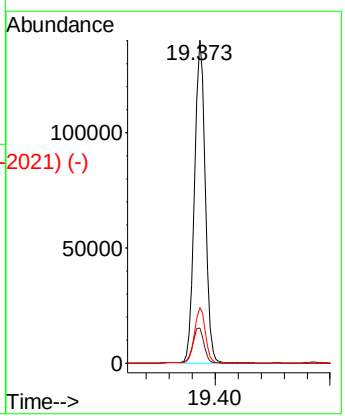


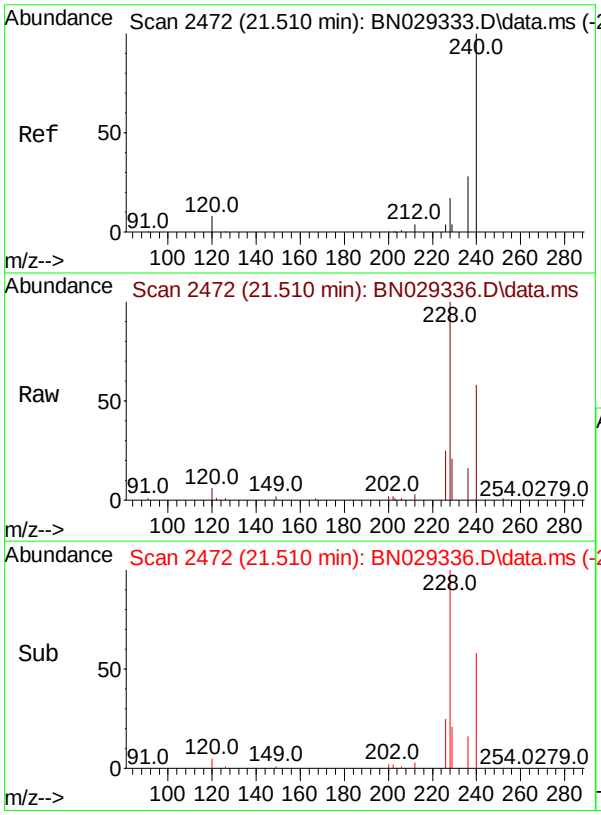


#28
Fluoranthene
Concen: 3.527 ng
RT: 19.373 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:202 Resp: 179808

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.3	13.8	20.8



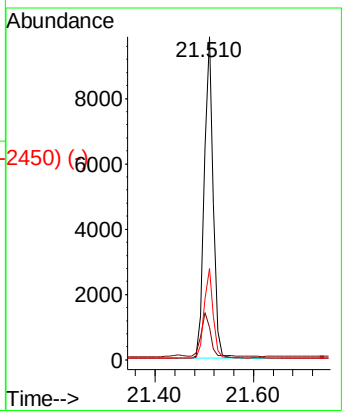


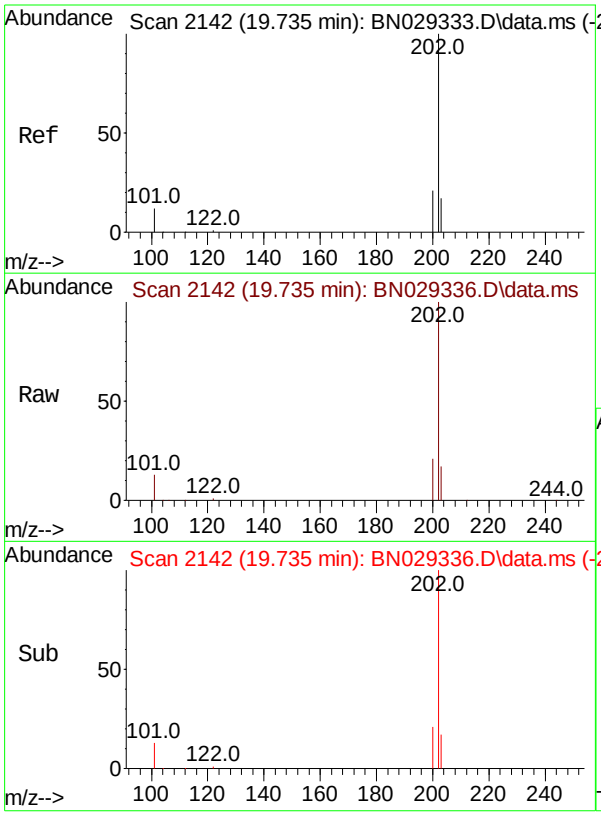
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 12636

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	28.3	23.0	34.4

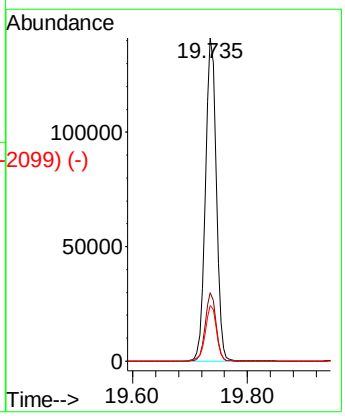


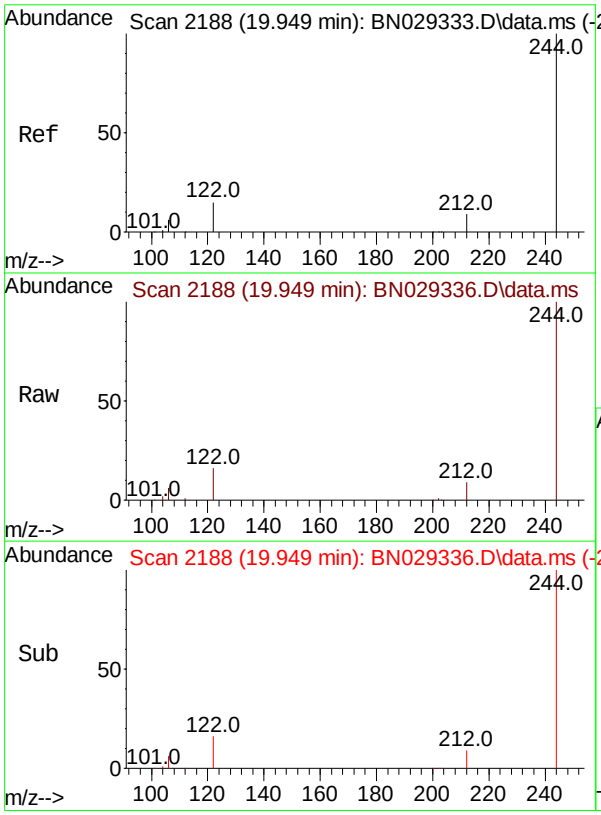


#30
Pyrene
Concen: 3.438 ng
RT: 19.735 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:202 Resp: 183455

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.1	21.1



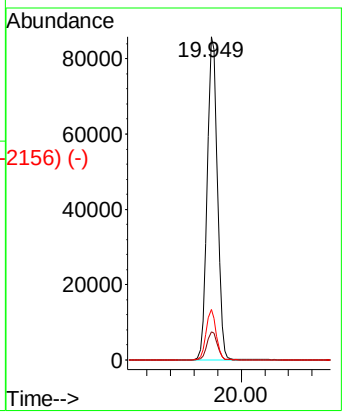


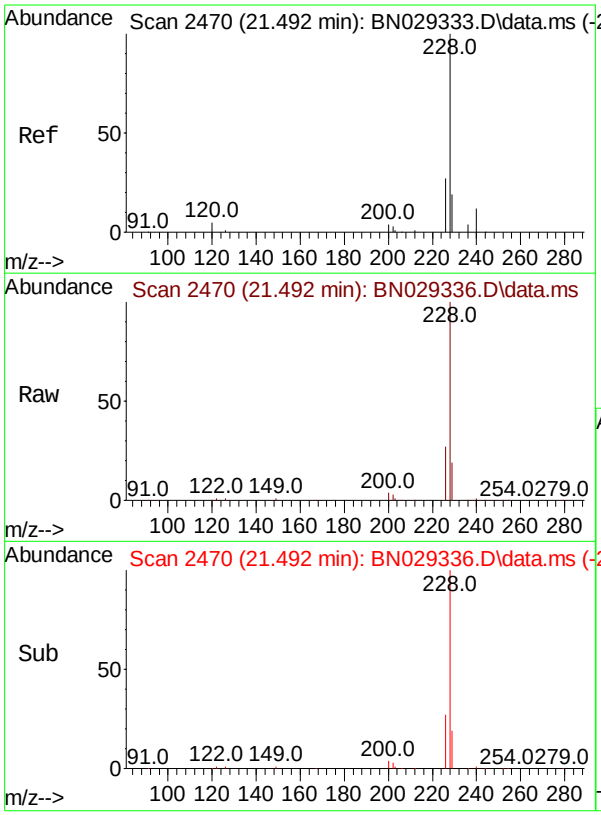
#31
Terphenyl-d14
Concen: 3.218 ng
RT: 19.949 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 101968

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	15.6	12.8	19.2

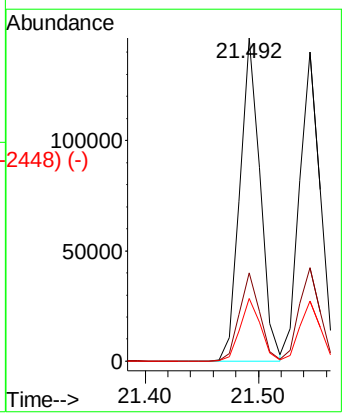


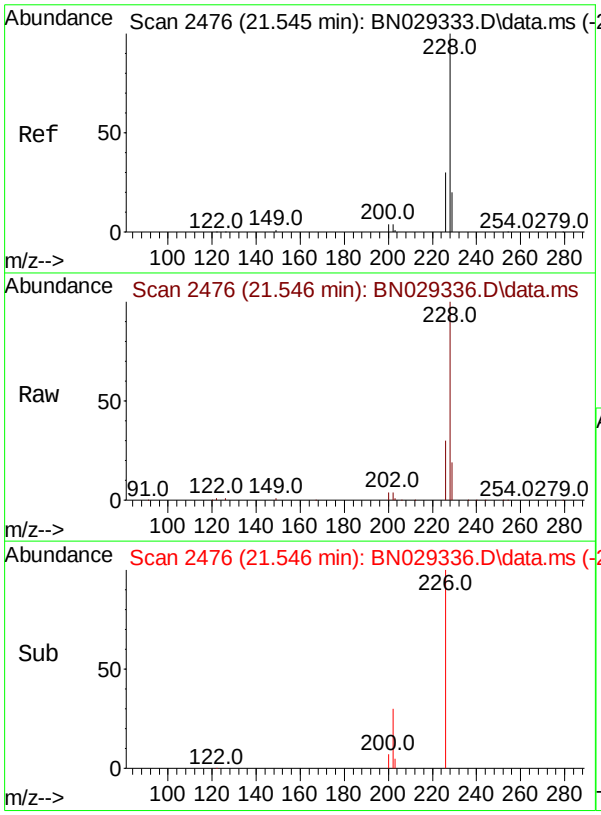


#32
Benzo(a)anthracene
Concen: 3.727 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:228 Resp: 181678

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.3	15.6	23.4



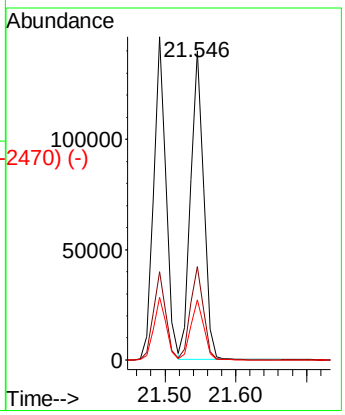


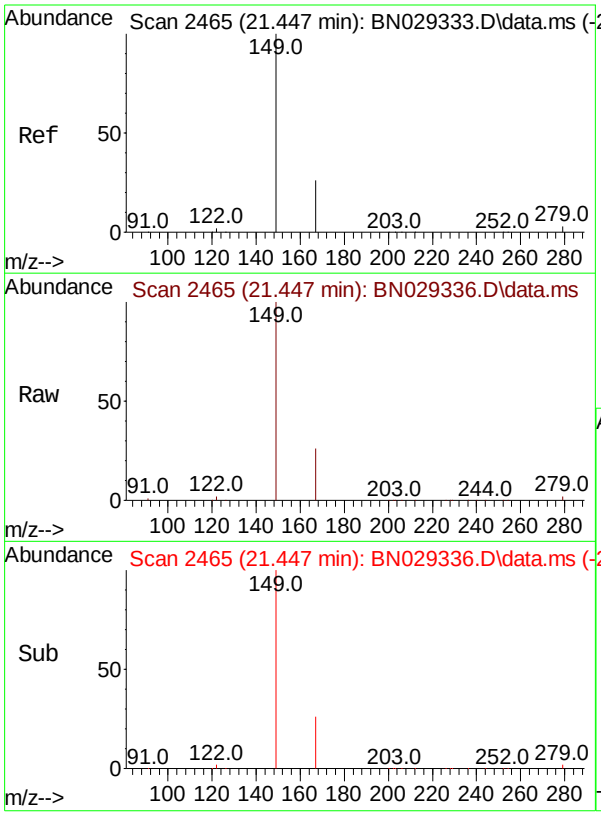
#33
Chrysene
Concen: 3.413 ng
RT: 21.546 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 177715

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	19.4	16.1	24.1

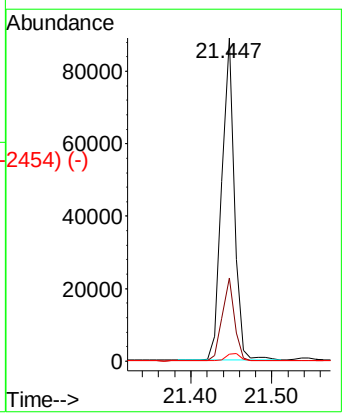


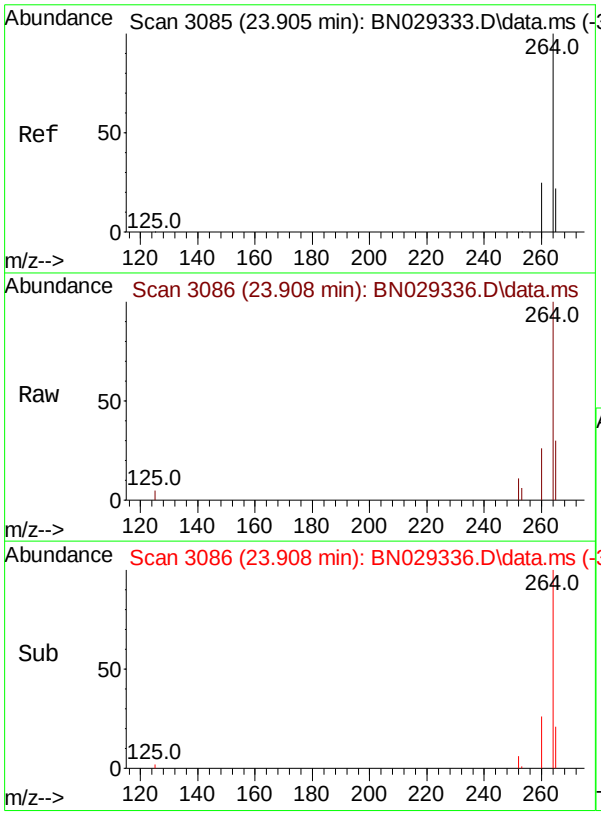


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.360 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:149 Resp: 95892

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.9	29.9
279	2.7	2.2	3.4



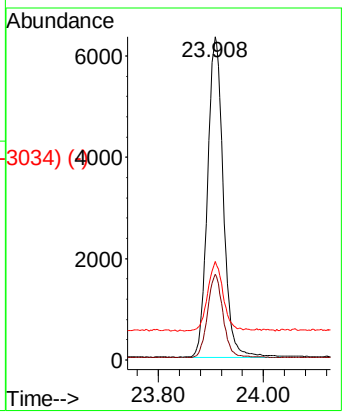


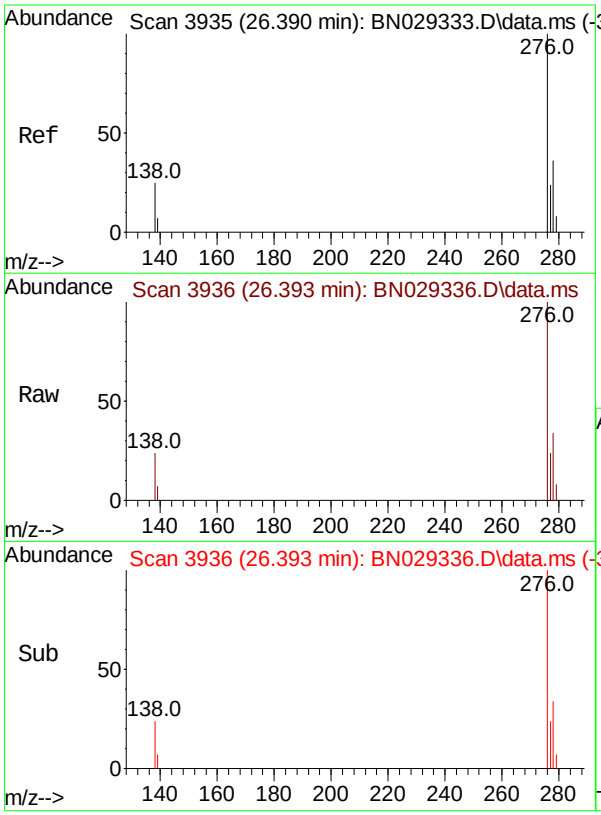
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.908 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 13118

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.6	31.0
265	30.4	24.8	37.2

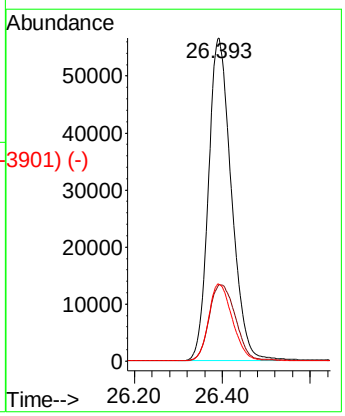


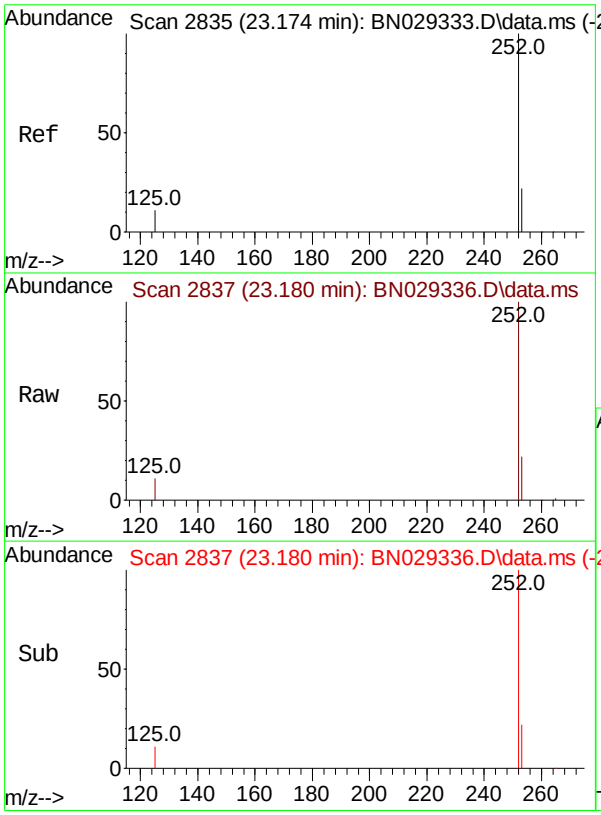


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.426 ng
RT: 26.393 min Scan# 3936
Delta R.T. 0.003 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:276 Resp: 200942

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.9	32.9
277	24.8	19.9	29.9



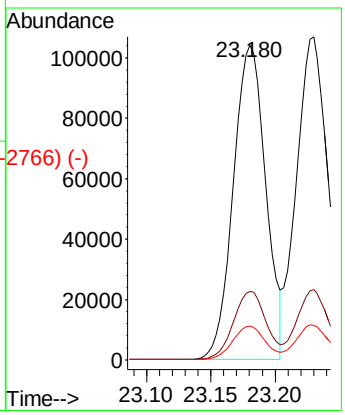


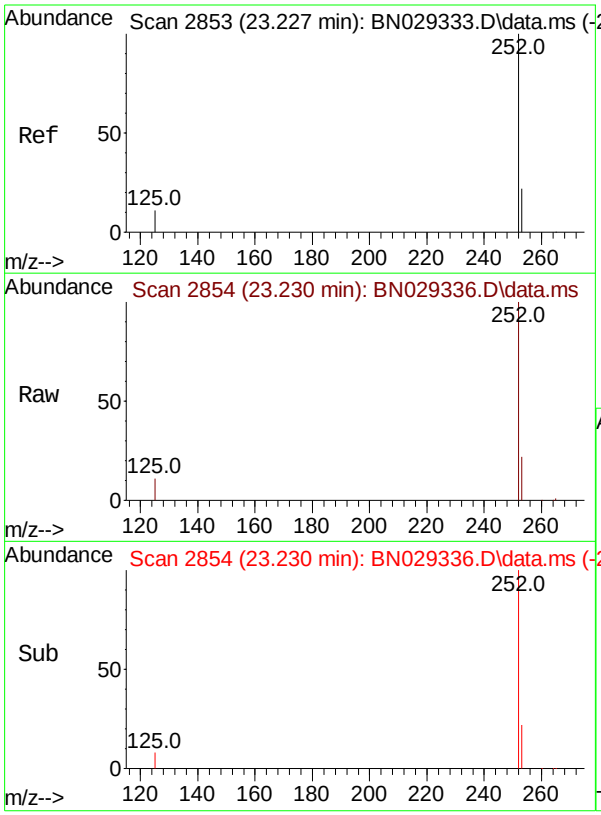
#37
Benzo(b)fluoranthene
Concen: 3.296 ng
RT: 23.180 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 182150

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	10.8	9.7	14.5

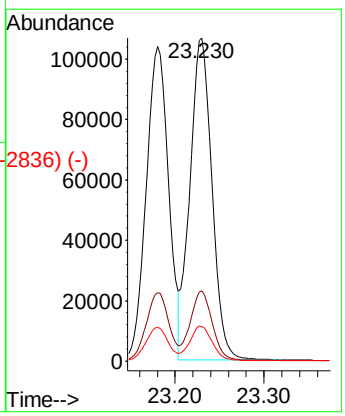


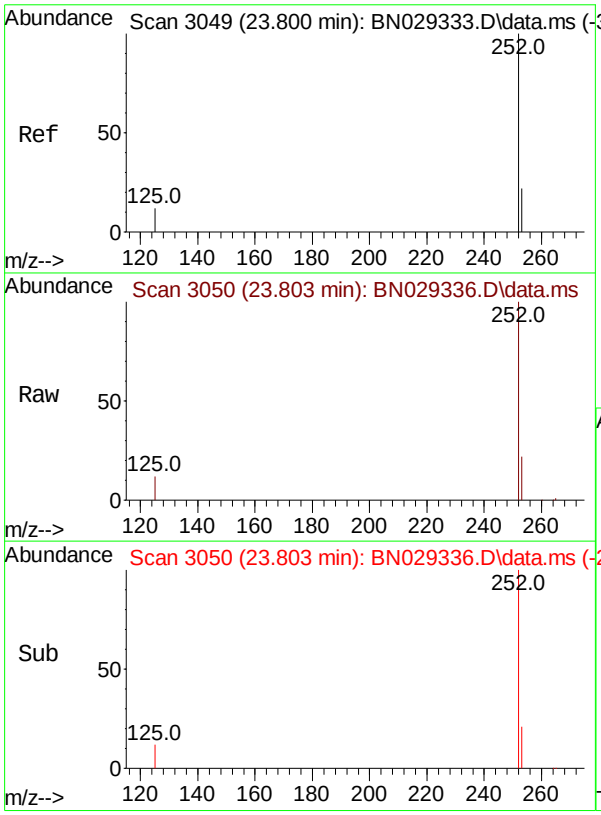


#38
Benzo(k)fluoranthene
Concen: 3.439 ng
RT: 23.230 min Scan# 2854
Delta R.T. 0.003 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:252 Resp: 184623

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	10.7	9.7	14.5



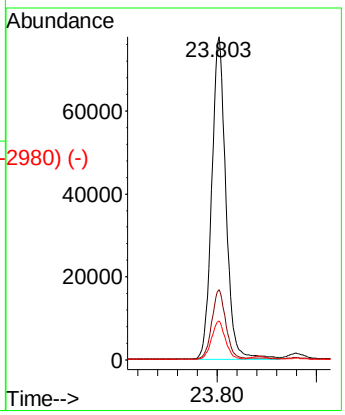


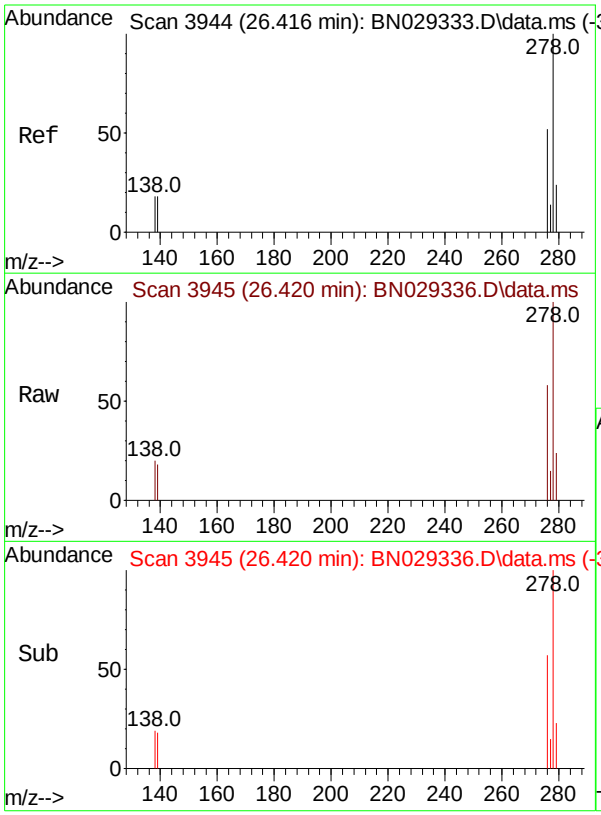
#39
Benzo(a)pyrene
Concen: 3.463 ng
RT: 23.803 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 154077

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.6	29.4
125	12.0	11.6	17.4

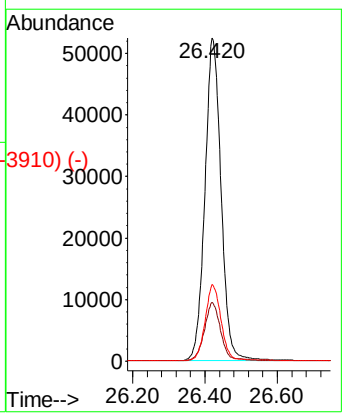


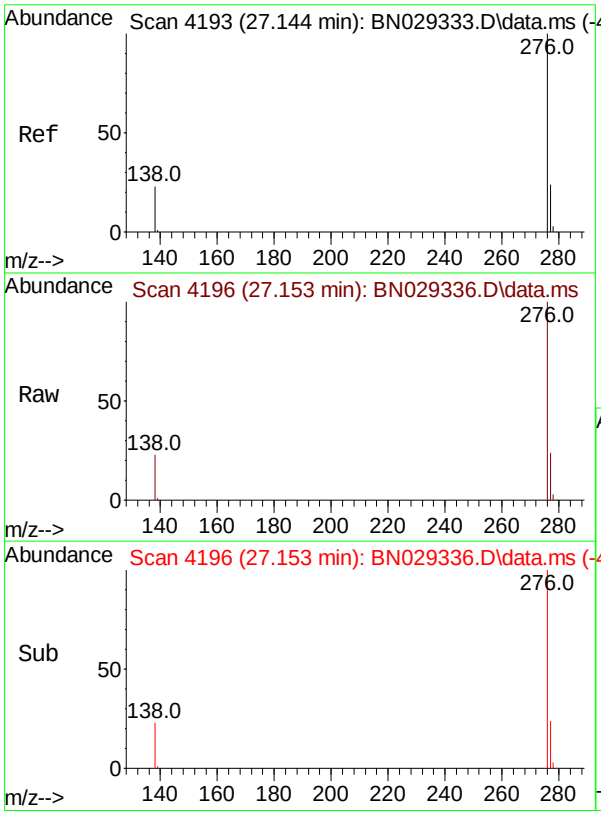


#40
Dibenzo(a,h)anthracene
Concen: 3.438 ng
RT: 26.420 min Scan# 3945
Delta R.T. 0.003 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Tgt Ion:278 Resp: 162801

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	23.7	20.5	30.7





#4158 (-)
Benzo(g,h,i)perylene
Concen: 3.375 ng
RT: 27.153 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN029336.D
Acq: 22 Jan 2024 17:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 168640

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	23.3	19.5	29.3