Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029334.D
Acq On : 22 Jan 2024 16:36
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 23 01:28:47 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	3228	0.400	ng		0.00
7) Naphthalene-d8	10.711	136	8707	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	4871	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11213	0.400	ng		0.00
29) Chrysene-d12	21.510	240	10168	0.400	ng		0.00
35) Perylene-d12	23.905	264	9775	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	6948	0.868	ng		0.00
5) Phenol-d6	7.074	99	9085	0.856	ng		0.00
8) Nitrobenzene-d5	9.078	82	7394	0.916	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	11906	0.801	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	1894	1.268	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	19256	0.849	ng		0.00
27) Fluoranthene-d10	19.340	212	26734	0.786	ng		0.00
31) Terphenyl-d14	19.949	244	20899	0.820	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	3429	0.870	ng		97
3) n-Nitrosodimethylamine	3.716	42	3581	0.914	ng	#	97
6) bis(2-Chloroethyl)ether	7.349	93	8661	0.870	ng		99
9) Naphthalene	10.765	128	23116	0.853	ng		98
10) Hexachlorobutadiene	11.042	225	4992	0.850	ng	#	99
12) 2-Methylnaphthalene	12.382	142	14976	0.822	ng		100
16) Acenaphthylene	14.276	152	21072	0.851	ng		100
17) Acenaphthene	14.618	154	14167	0.843	ng		99
18) Fluorene	15.604	166	19206	0.835	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	1643	0.997	ng		86
21) 4-Bromophenyl-phenylether	16.510	248	6582	1.103	ng		98
22) Hexachlorobenzene	16.597	284	8291	0.850	ng		99
23) Atrazine	16.783	200	4749	0.862	ng		99
24) Pentachlorophenol	16.945	266	2683	0.891	ng		97
25) Phenanthrene	17.342	178	30674	0.820	ng		100
26) Anthracene	17.441	178	26768	0.818	ng		99
28) Fluoranthene	19.373	202	37084	0.808	ng		100
30) Pyrene	19.735	202	36952	0.861	ng		100
32) Benzo(a)anthracene	21.492	228	33898	0.864	ng		100
33) Chrysene	21.545	228	35729	0.853	ng		99
34) Bis(2-ethylhexyl)phtha...	21.447	149	16331	0.923	ng		100
36) Indeno(1,2,3-cd)pyrene	26.390	276	33710	0.771	ng		100
37) Benzo(b)fluoranthene	23.177	252	34245	0.832	ng		98
38) Benzo(k)fluoranthene	23.227	252	34499	0.862	ng		98
39) Benzo(a)pyrene	23.800	252	26641	0.803	ng		96
40) Dibenzo(a,h)anthracene	26.417	278	27632	0.783	ng		98
41) Benzo(g,h,i)perylene	27.145	276	29056	0.780	ng		99

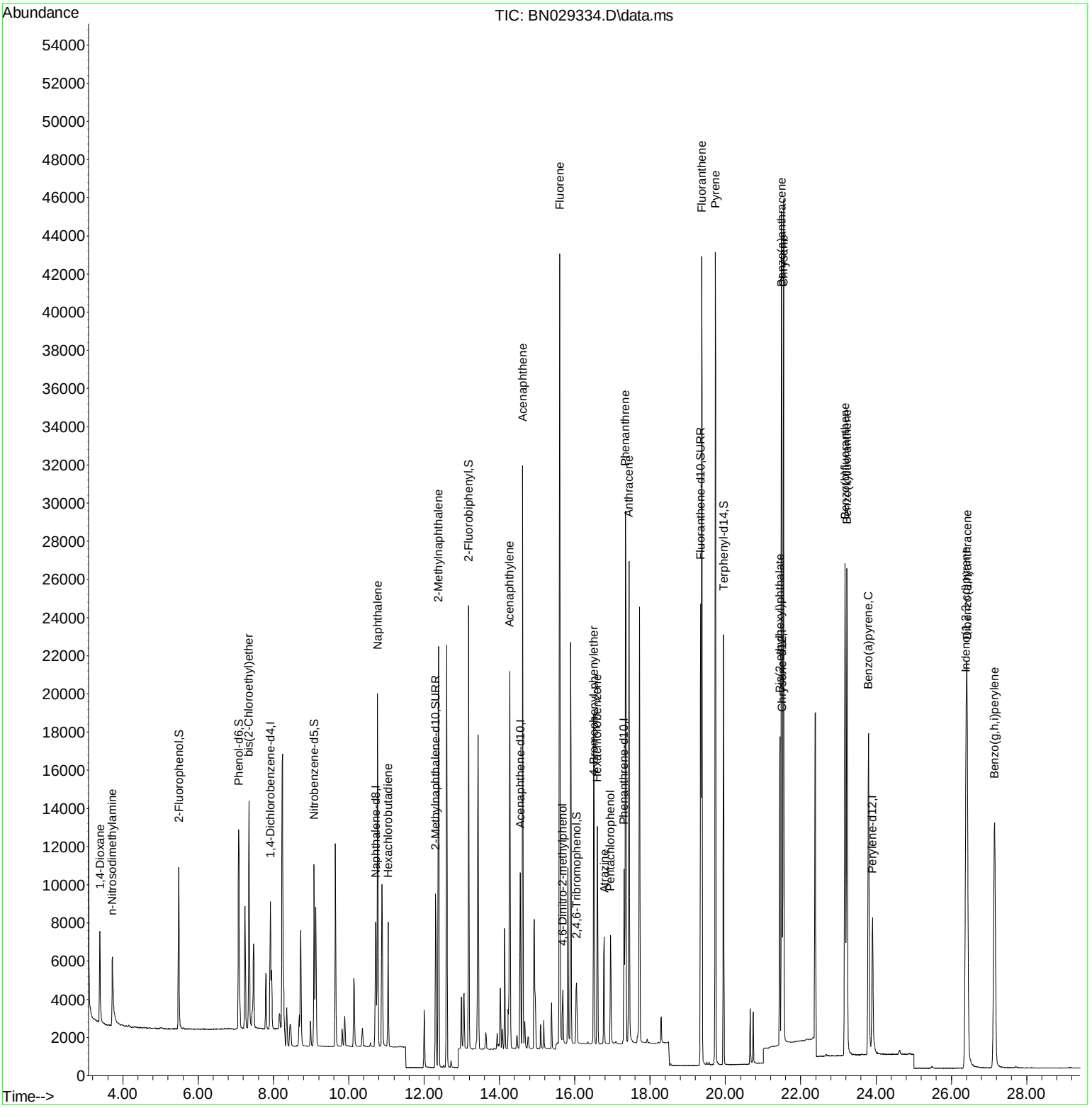
(#) = qualifier out of range (m) = manual integration (+) = signals summed

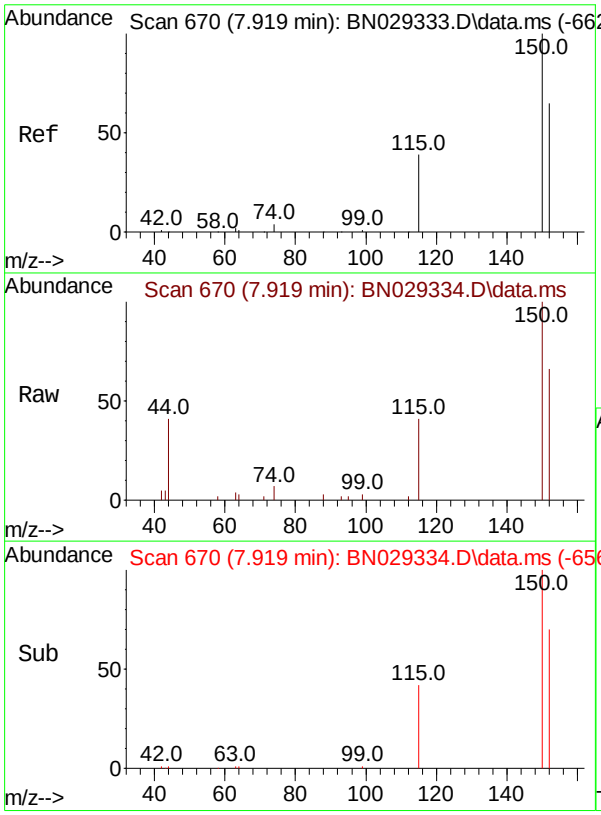
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029334.D
Acq On : 22 Jan 2024 16:36
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 23 01:28:47 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



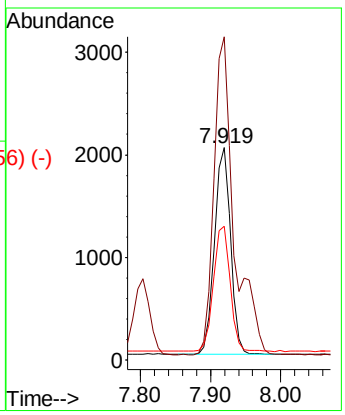


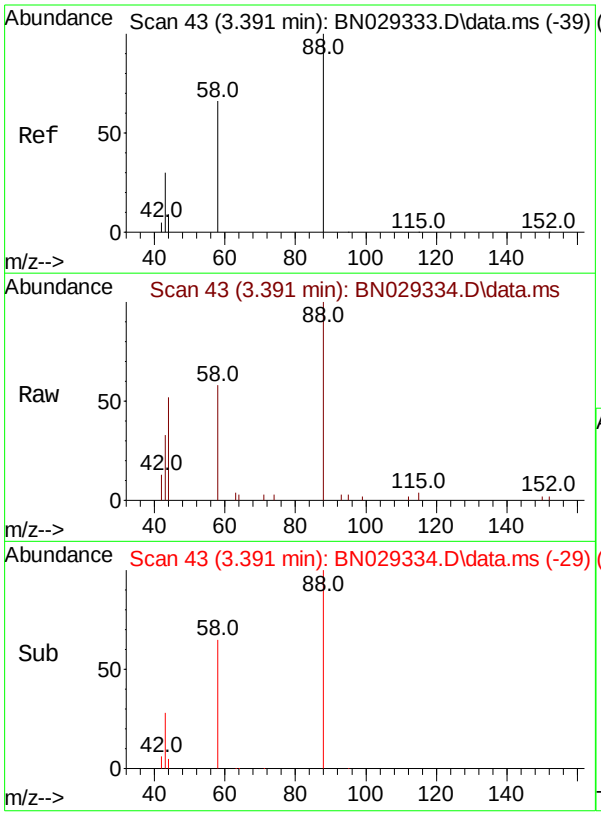
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3228

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.1	181.7
115	63.0	49.8	74.6

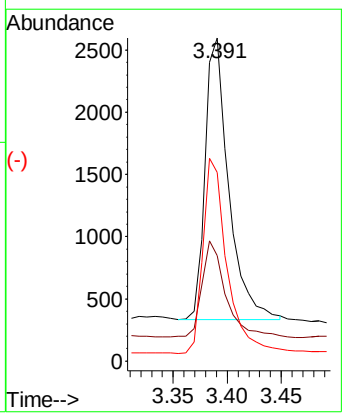


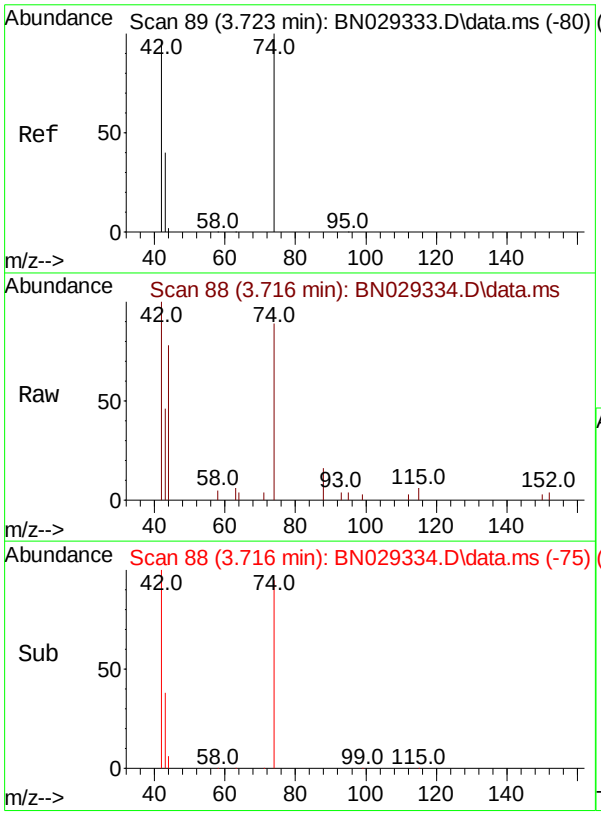


#2
1,4-Dioxane
Concen: 0.870 ng
RT: 3.391 min Scan# 43
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion: 88 Resp: 3429

Ion	Ratio	Lower	Upper
88	100		
43	33.5	29.2	43.8
58	71.1	57.8	86.8



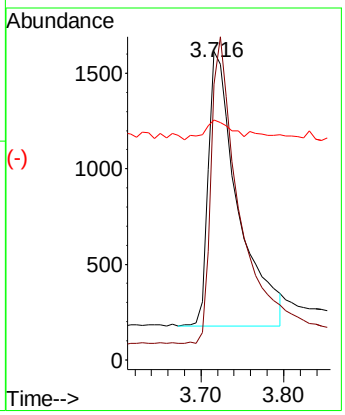


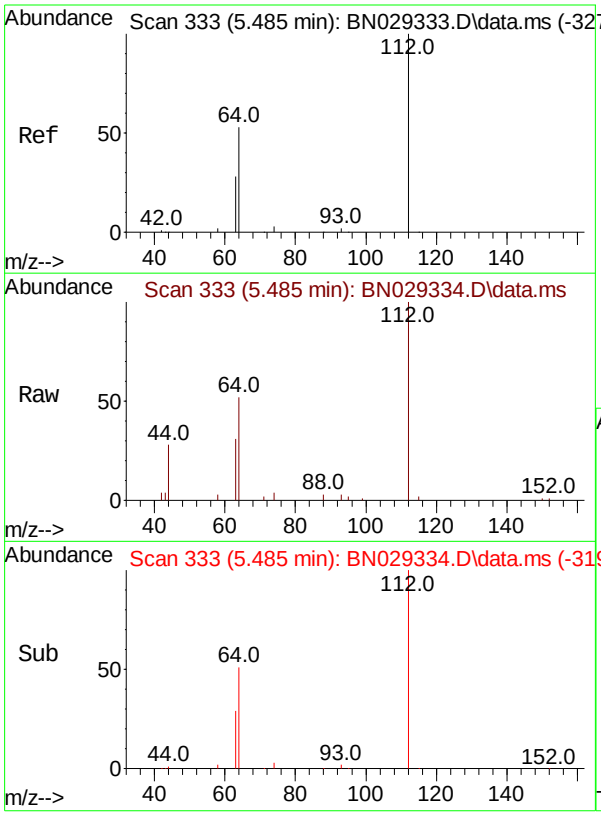
#3
n-Nitrosodimethylamine
Concen: 0.914 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3581

Ion	Ratio	Lower	Upper
42	100		
74	106.2	87.4	131.0
44	6.4	3.1	4.7#

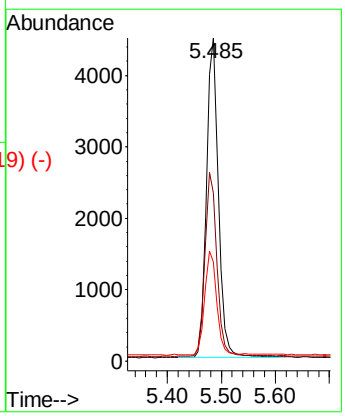


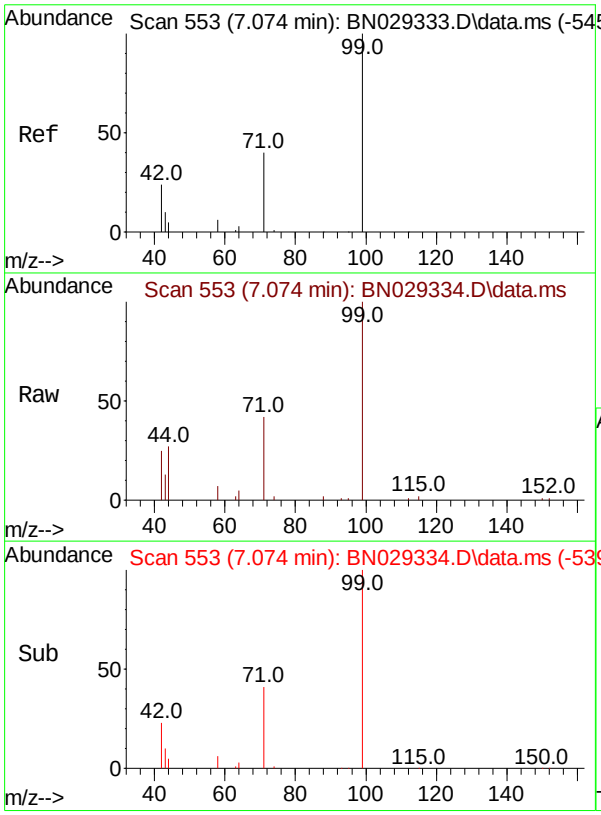


#4
2-Fluorophenol
Concen: 0.868 ng
RT: 5.485 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:112 Resp: 6948

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.6	71.4
63	32.9	27.0	40.6



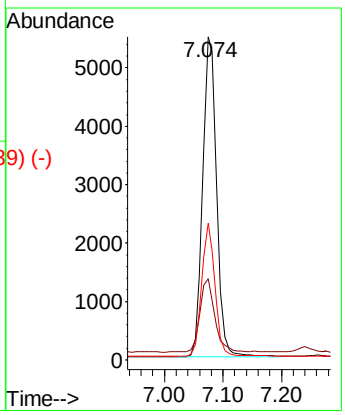


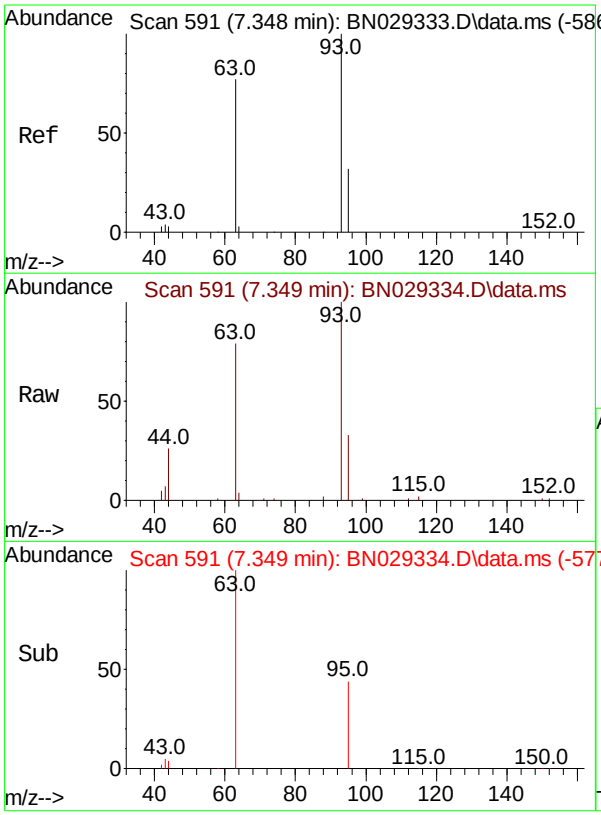
#5
Phenol-d6
Concen: 0.856 ng
RT: 7.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9085

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.3	28.9
71	39.3	31.0	46.6

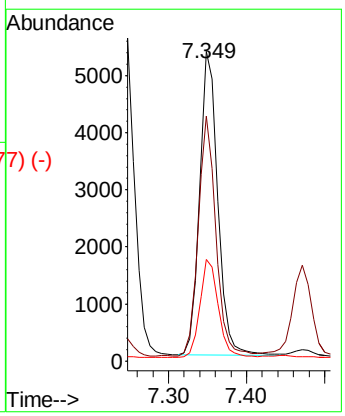


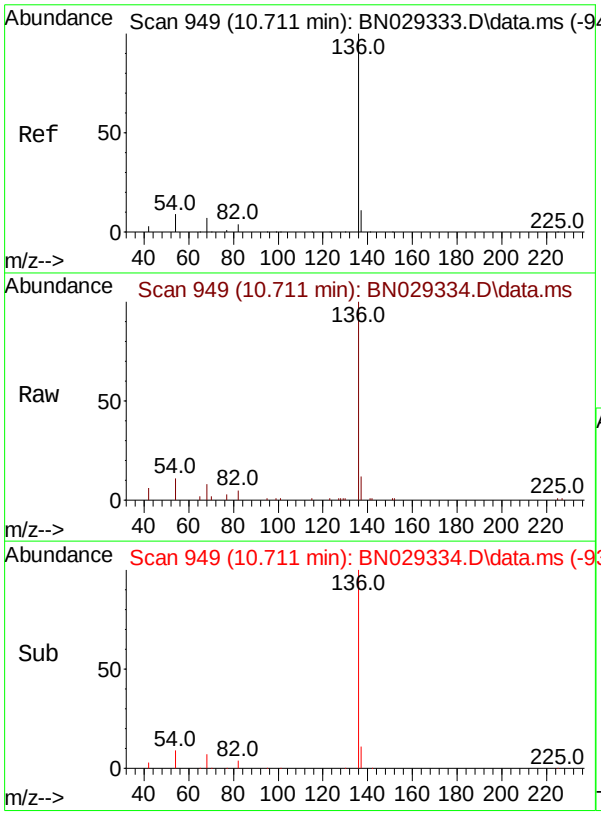


#6
bis(2-Chloroethyl)ether
Concen: 0.870 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion: 93 Resp: 8661

Ion	Ratio	Lower	Upper
93	100		
63	76.8	61.0	91.4
95	32.7	26.5	39.7



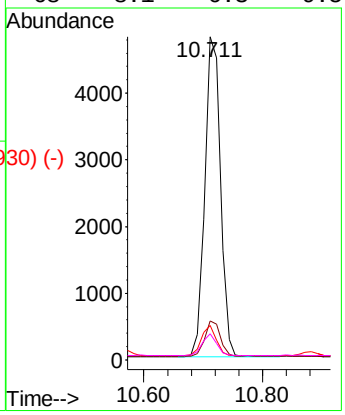


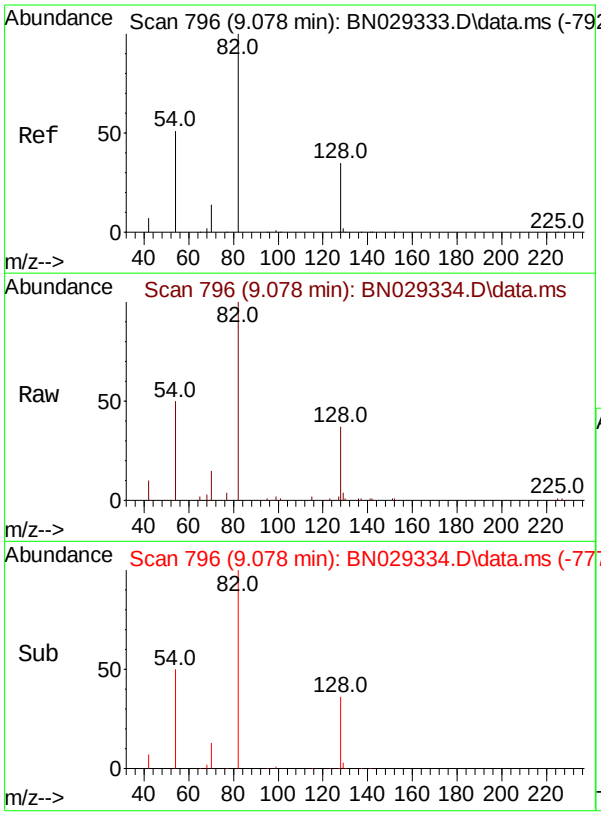
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.711 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 8707

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	10.7	7.9	11.9
68	8.1	6.3	9.5

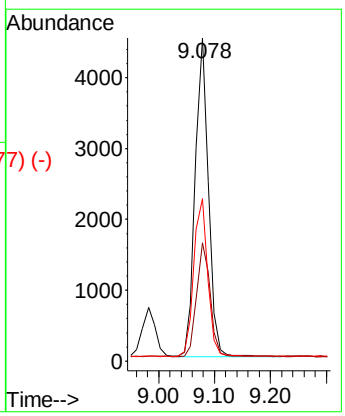


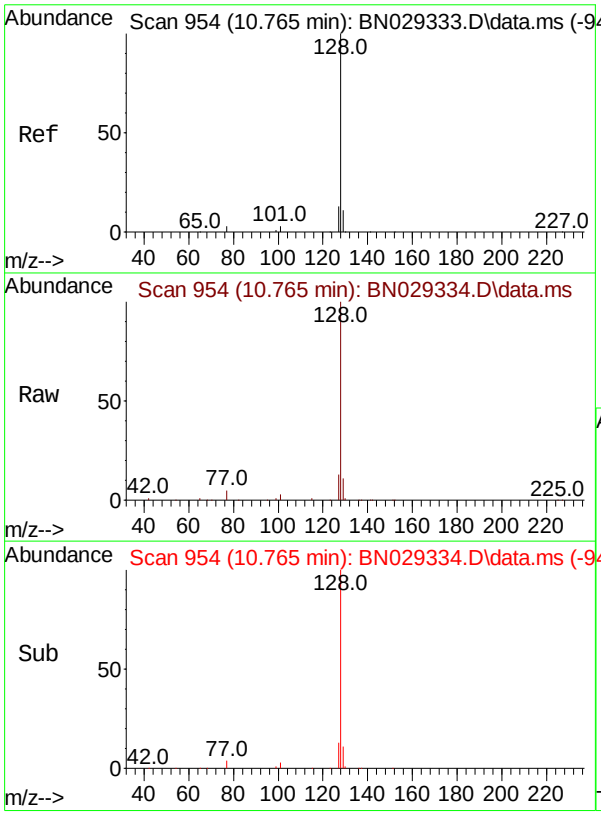


#8
Nitrobenzene-d5
Concen: 0.916 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion: 82 Resp: 7394

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.8	44.6
54	50.4	42.5	63.7



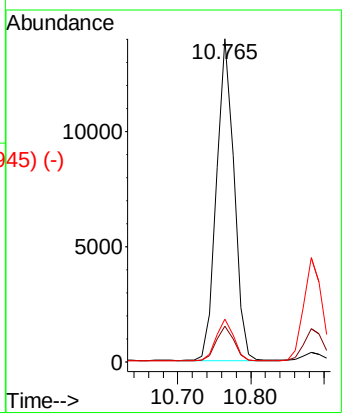


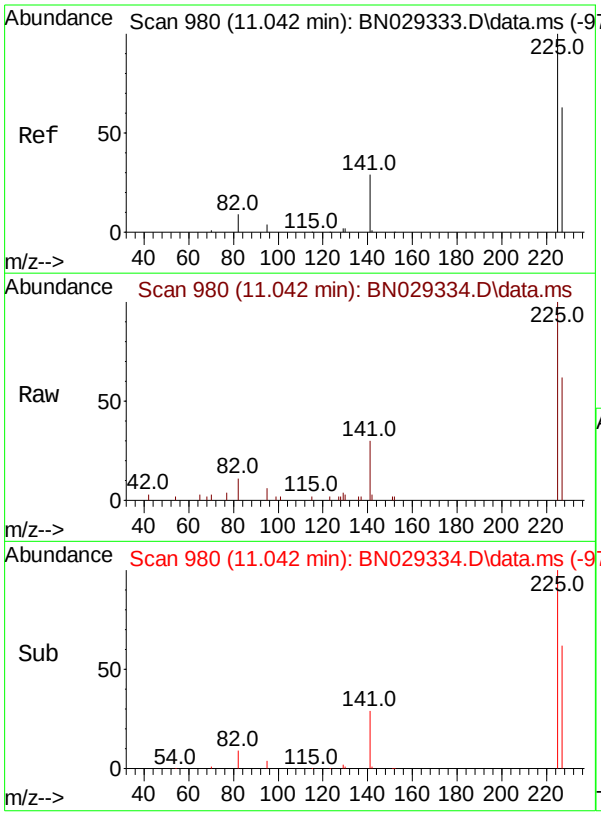
#9
Naphthalene
Concen: 0.853 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 23116

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.3	11.3	16.9

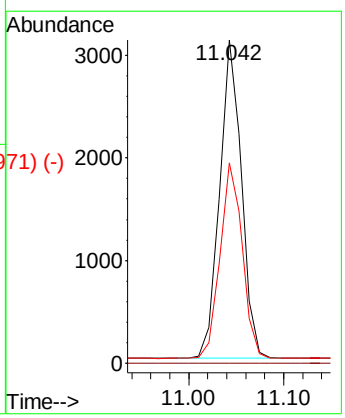


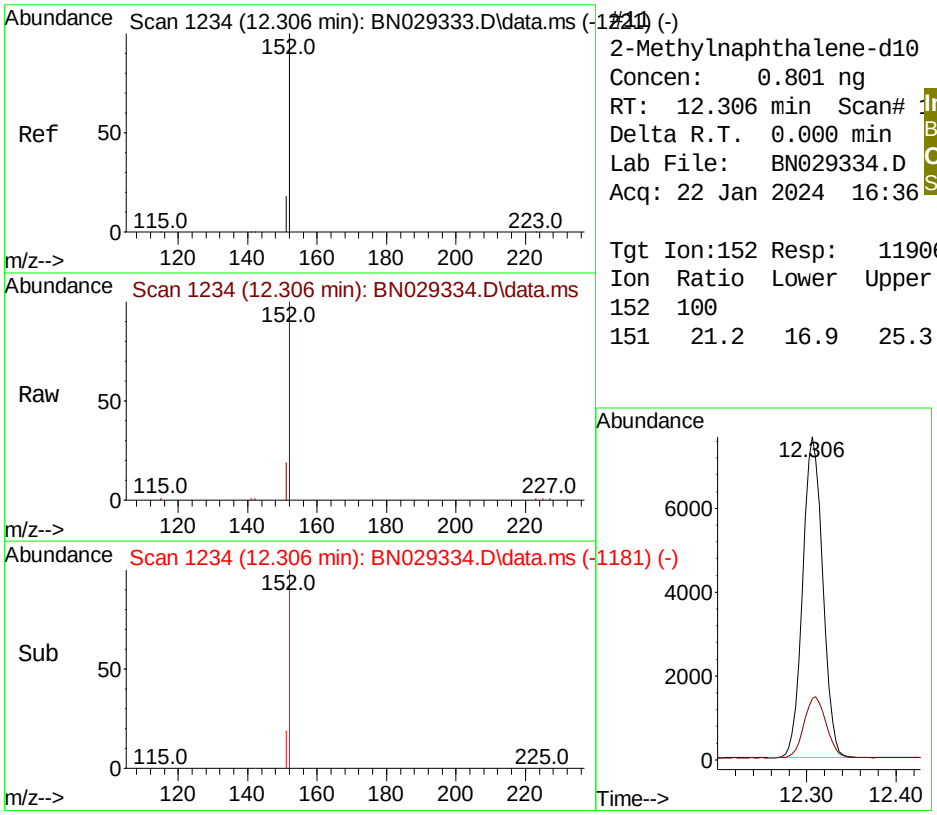


#10
Hexachlorobutadiene
Concen: 0.850 ng
RT: 11.042 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:225 Resp: 4992

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	50.6	76.0



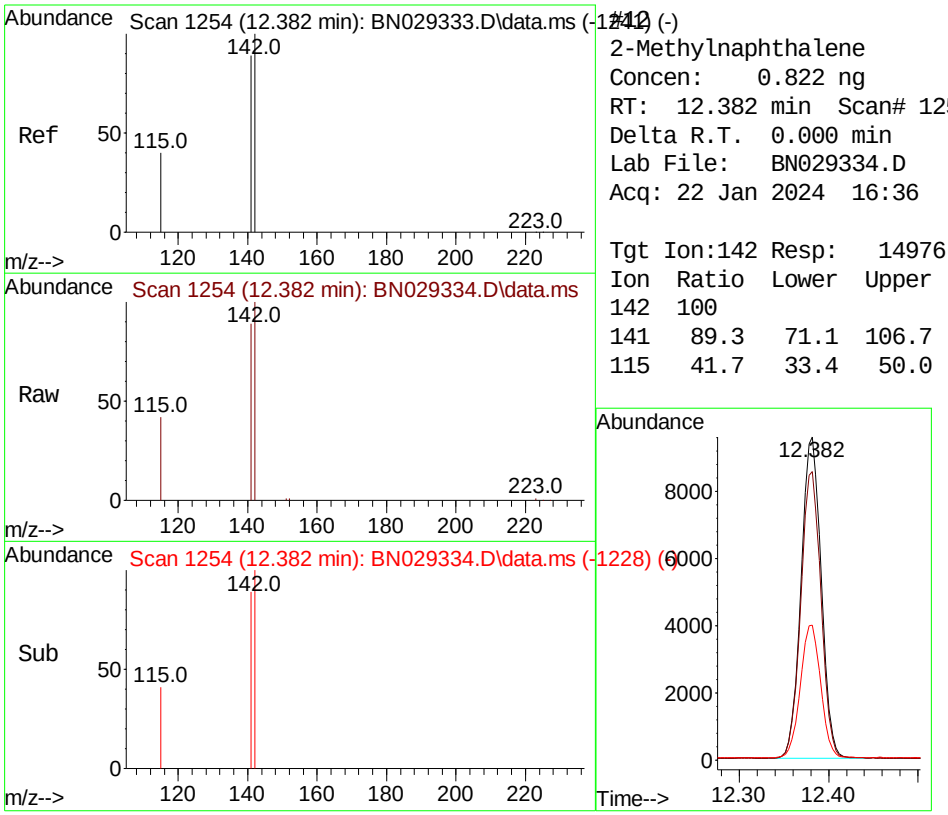


#11
2-Methylnaphthalene-d10
Concen: 0.801 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 11906

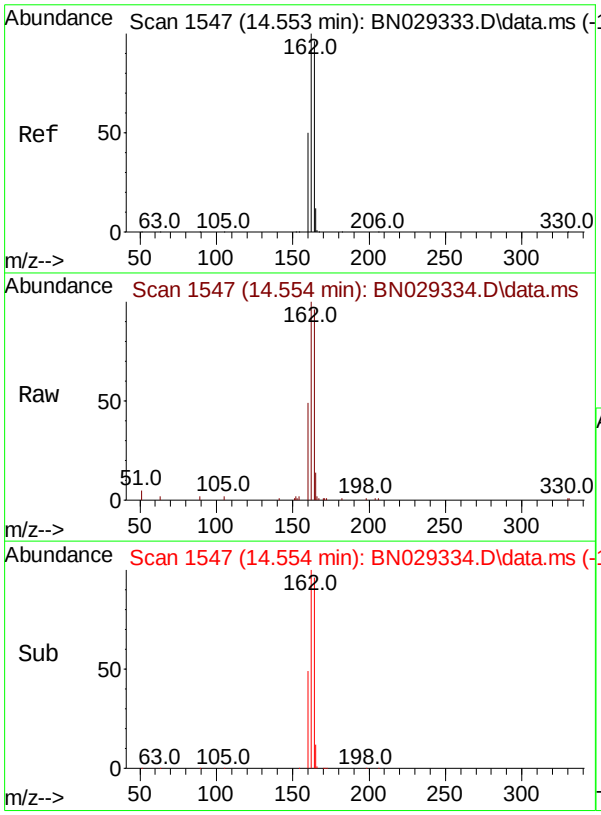
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3



#12
2-Methylnaphthalene
Concen: 0.822 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:142 Resp: 14976

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7
115	41.7	33.4	50.0

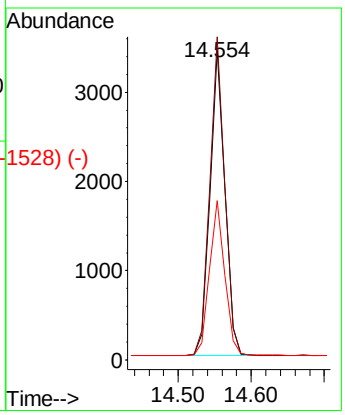


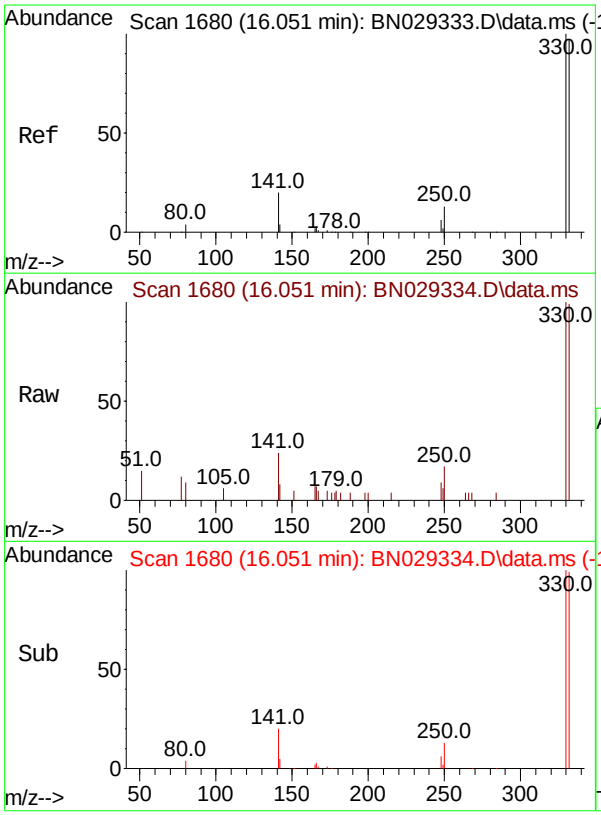
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 4871

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	51.4	42.1	63.1

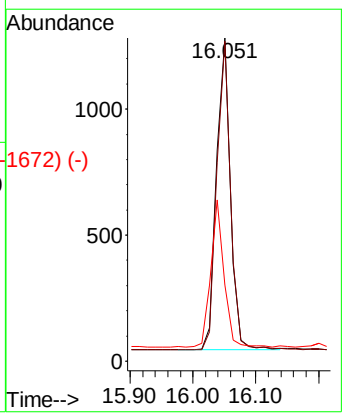


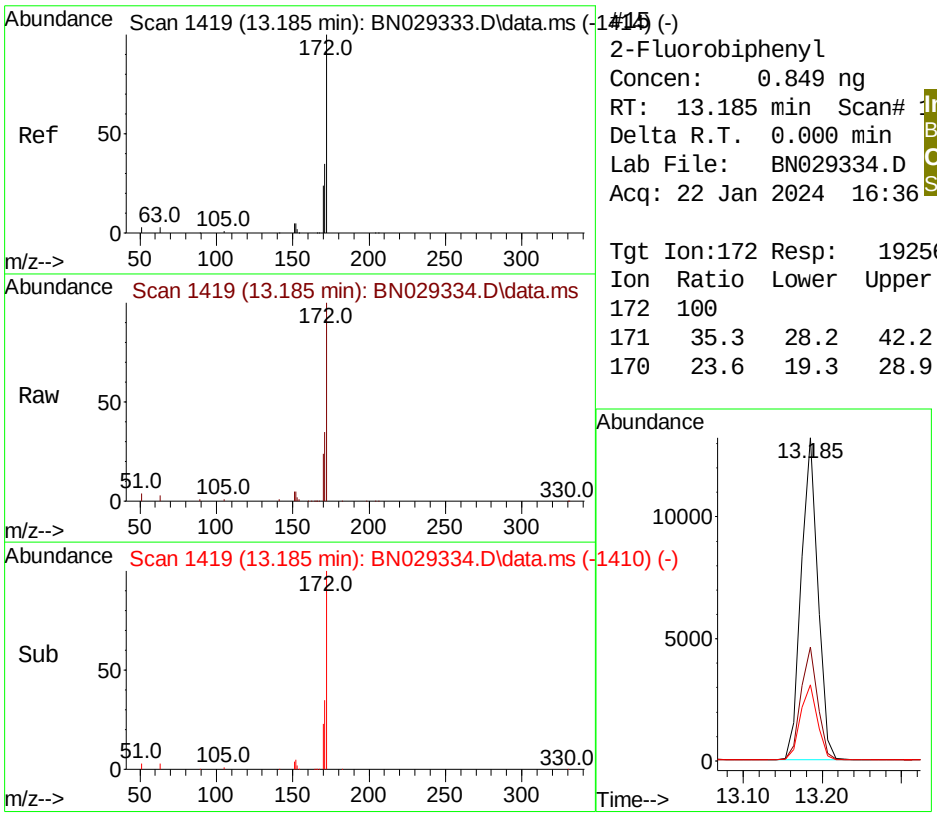


#14
2,4,6-Tribromophenol
Concen: 1.268 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:330 Resp: 1894

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	45.0	37.2	55.8



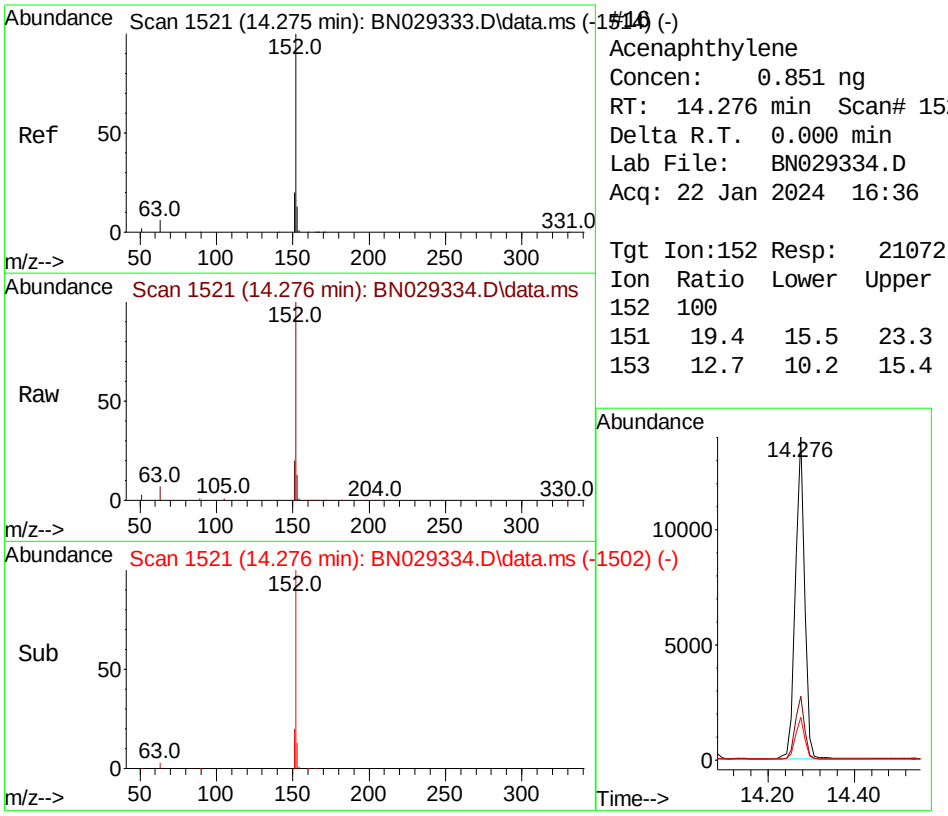


#15
2-Fluorobiphenyl
Concen: 0.849 ng
RT: 13.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 19256

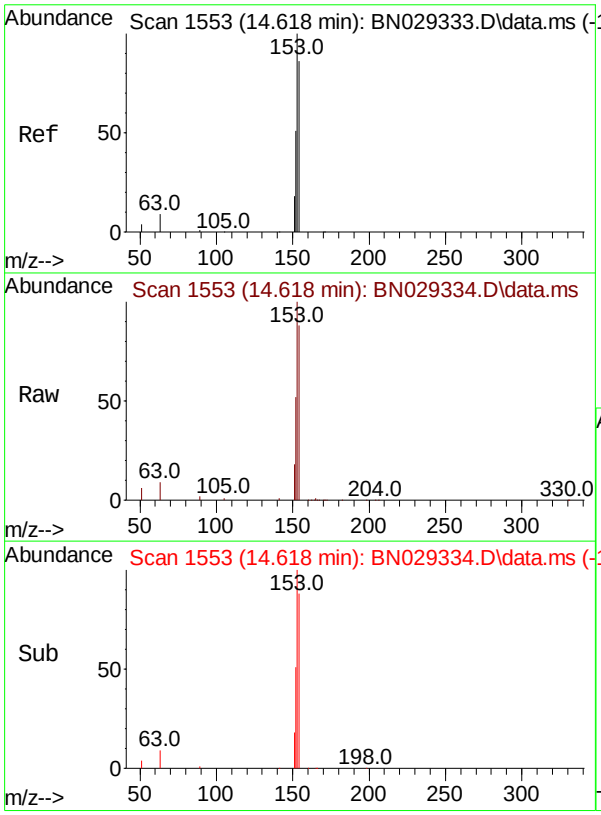
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.6	19.3	28.9



#16
Acenaphthylene
Concen: 0.851 ng
RT: 14.276 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:152 Resp: 21072

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.7	10.2	15.4

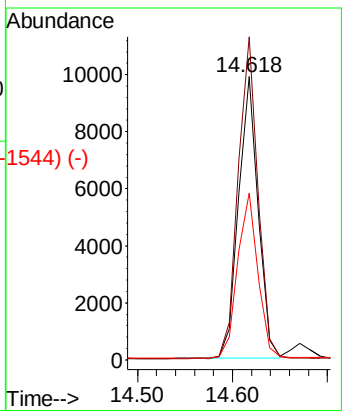


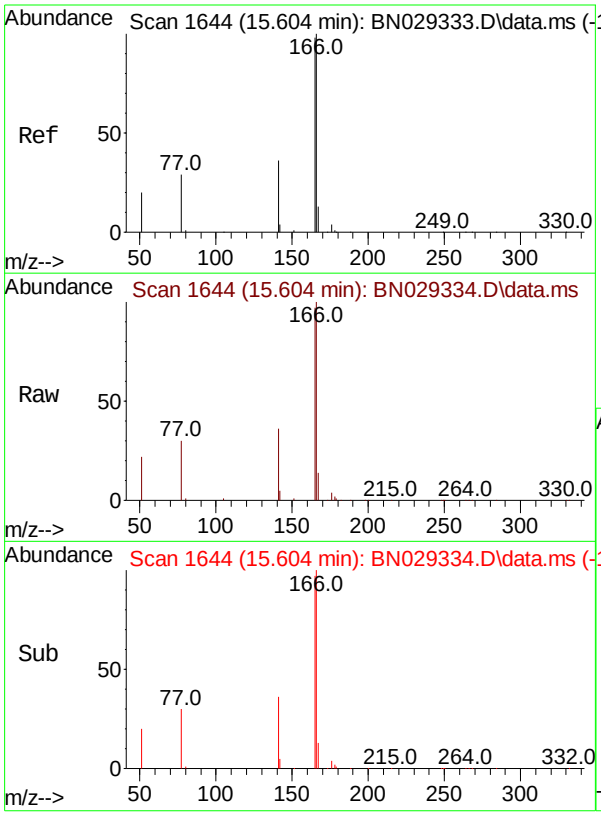
#17
Acenaphthene
Concen: 0.843 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 14167

Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.7	140.5
152	61.0	49.4	74.2

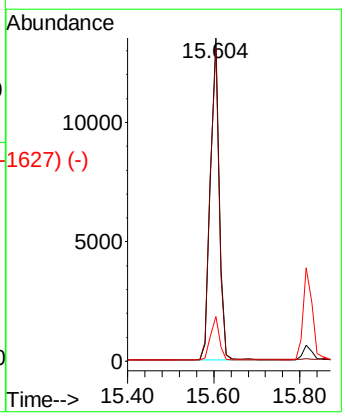


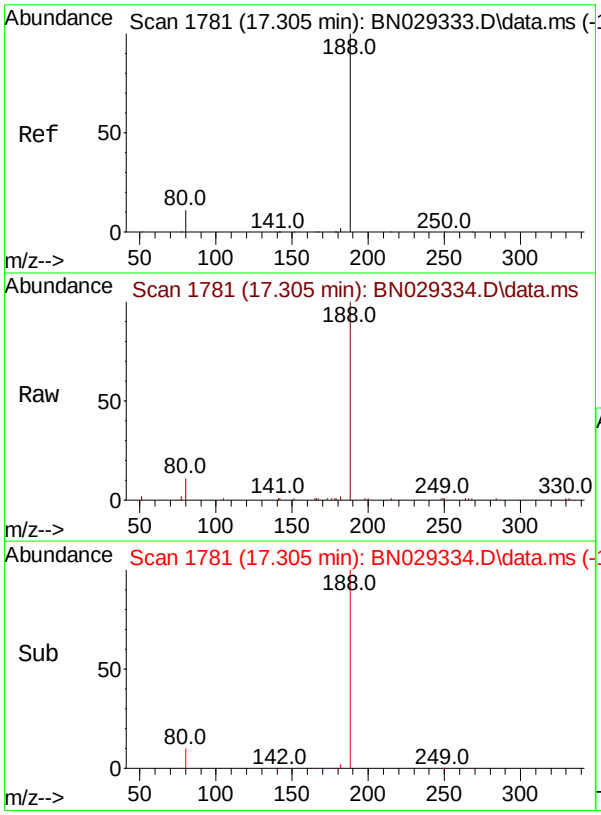


#18
Fluorene
Concen: 0.835 ng
RT: 15.604 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:166 Resp: 19206

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.4	119.2
167	13.4	10.9	16.3



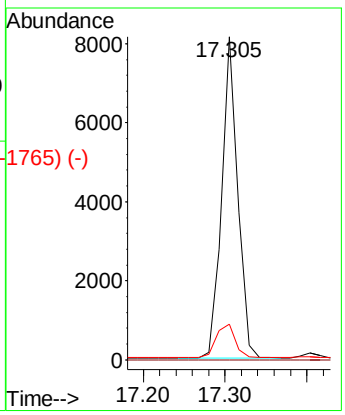


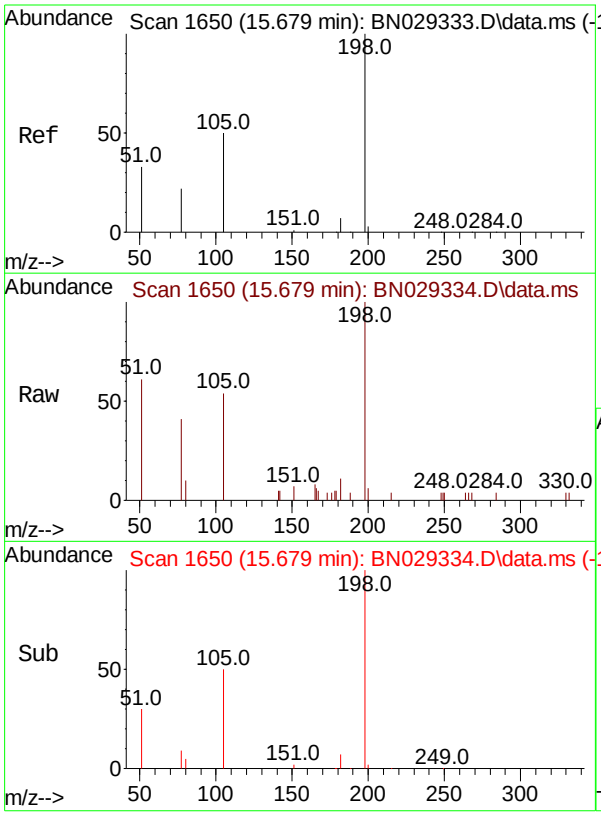
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 11213

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	9.4	14.2

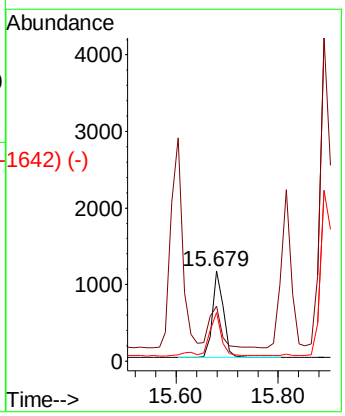


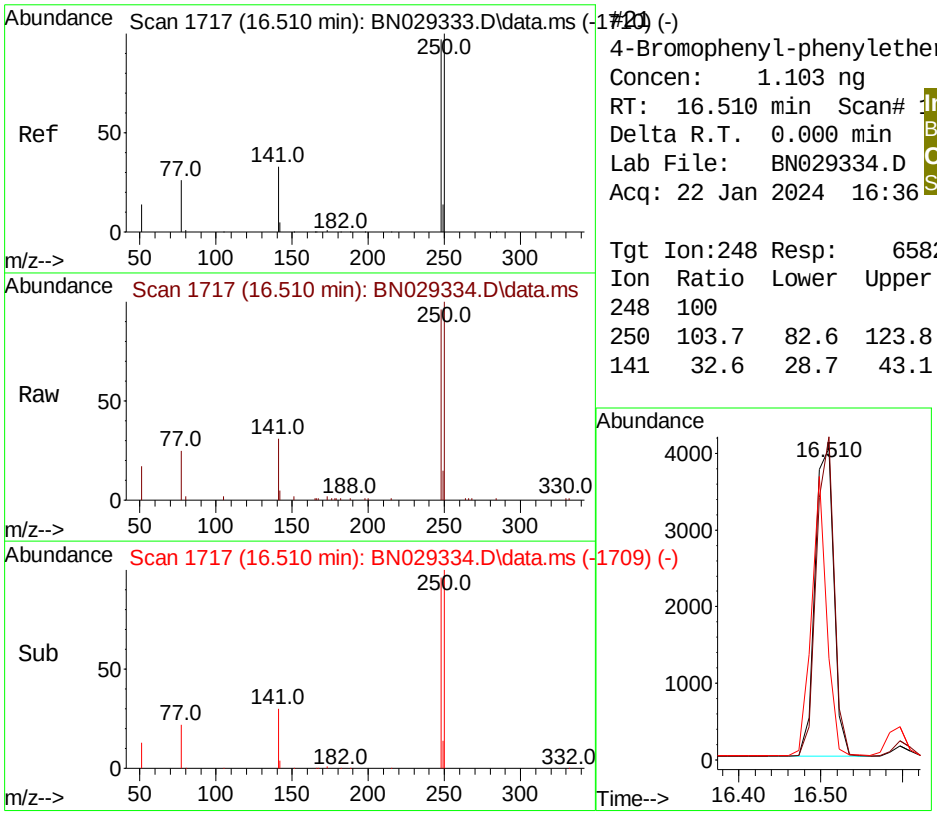


#20
4,6-Dinitro-2-methylphenol
Concen: 0.997 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:198 Resp: 1643

Ion	Ratio	Lower	Upper
198	100		
51	60.6	60.5	90.7
105	54.0	48.7	73.1



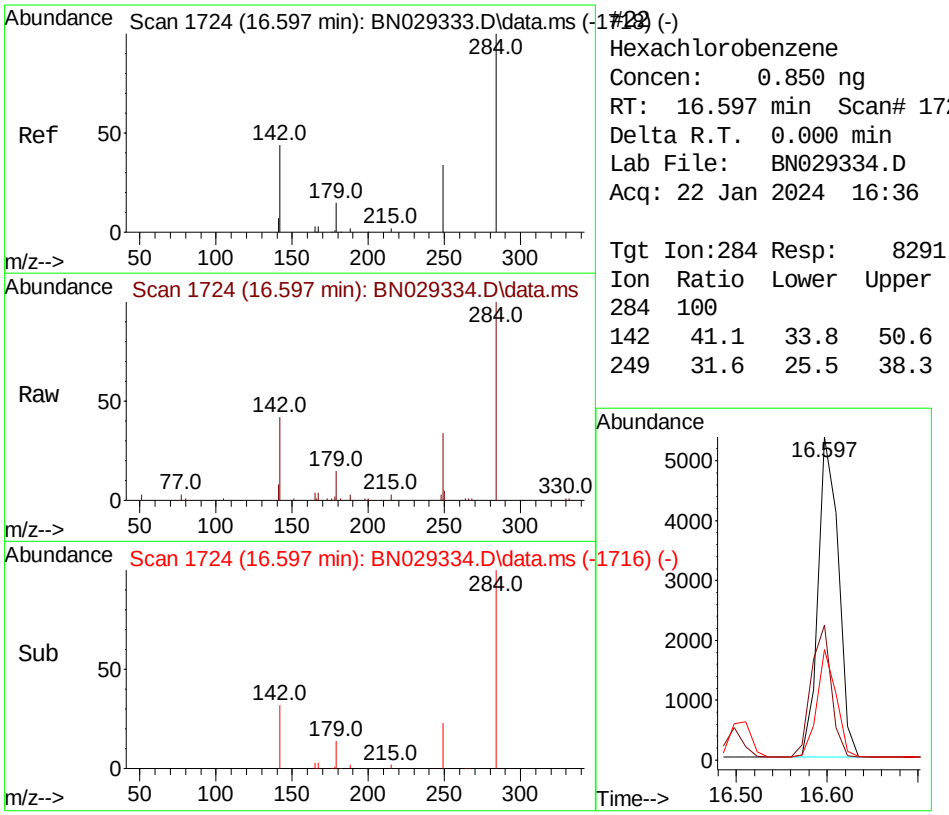


#21
4-Bromophenyl-phenylether
Concen: 1.103 ng
RT: 16.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 6582

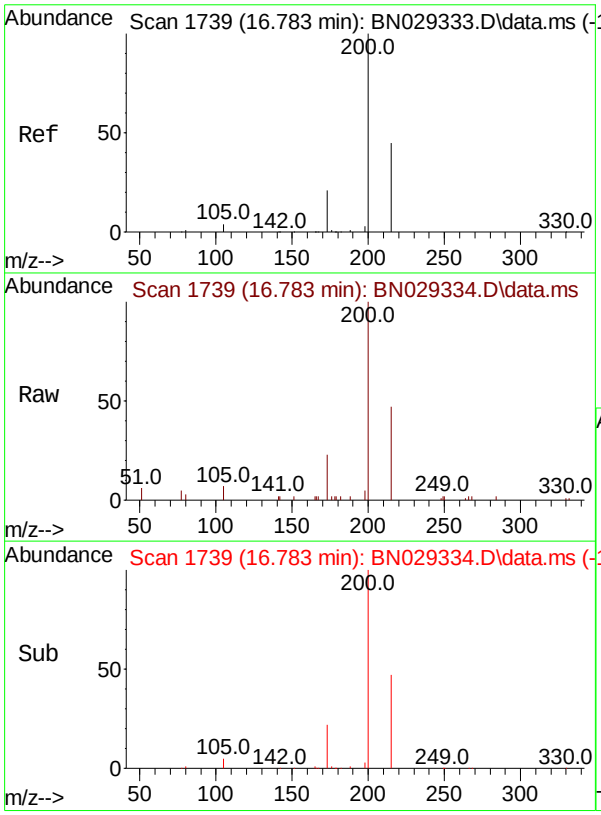
Ion	Ratio	Lower	Upper
248	100		
250	103.7	82.6	123.8
141	32.6	28.7	43.1



#22
Hexachlorobenzene
Concen: 0.850 ng
RT: 16.597 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:284 Resp: 8291

Ion	Ratio	Lower	Upper
284	100		
142	41.1	33.8	50.6
249	31.6	25.5	38.3

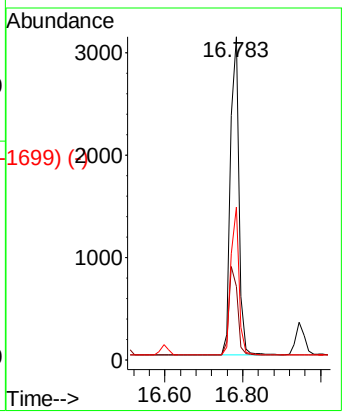


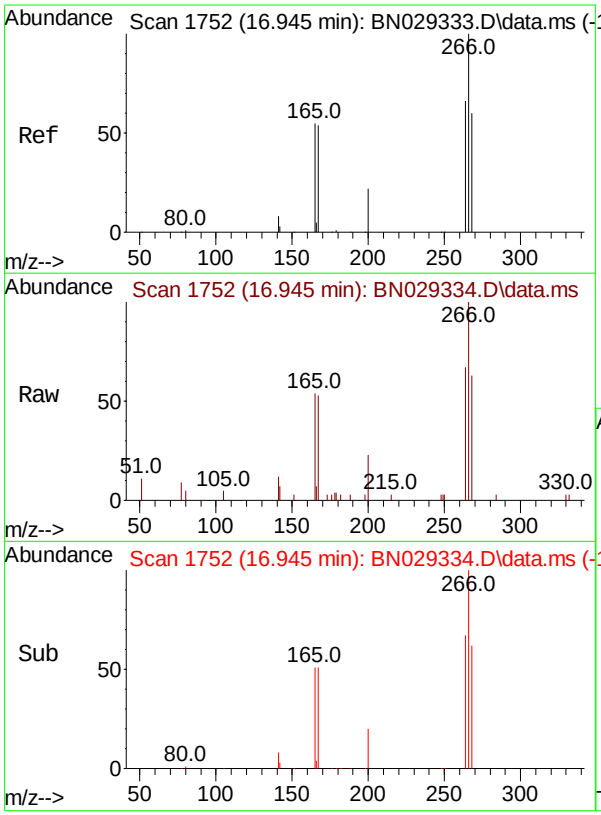
#23
Atrazine
Concen: 0.862 ng
RT: 16.783 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 4749

Ion	Ratio	Lower	Upper
200	100		
173	22.7	18.6	28.0
215	47.3	37.1	55.7

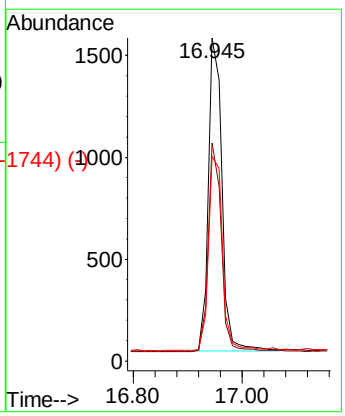


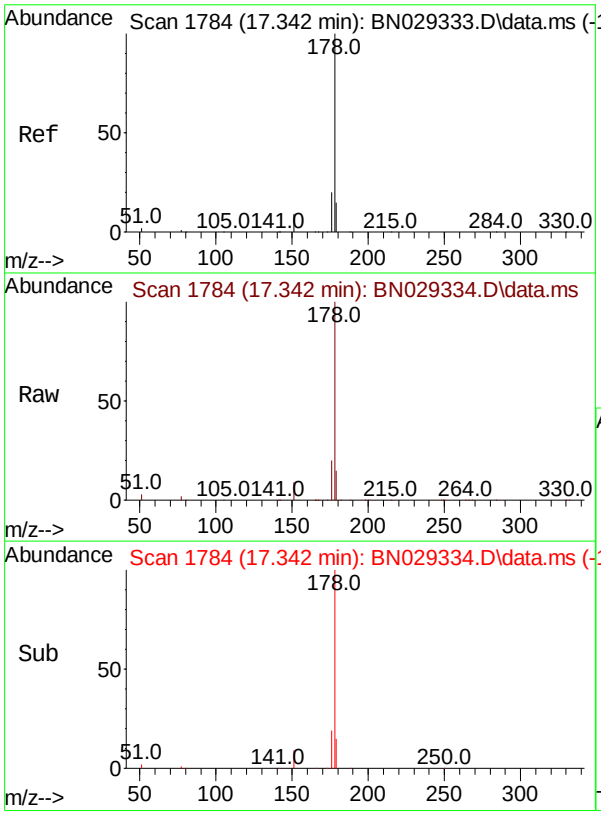


#24
Pentachlorophenol
Concen: 0.891 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:266 Resp: 2683

Ion	Ratio	Lower	Upper
266	100		
264	64.6	49.8	74.8
268	63.6	48.8	73.2



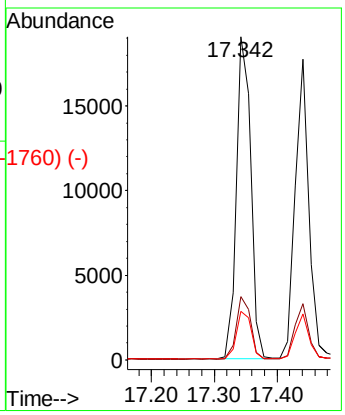


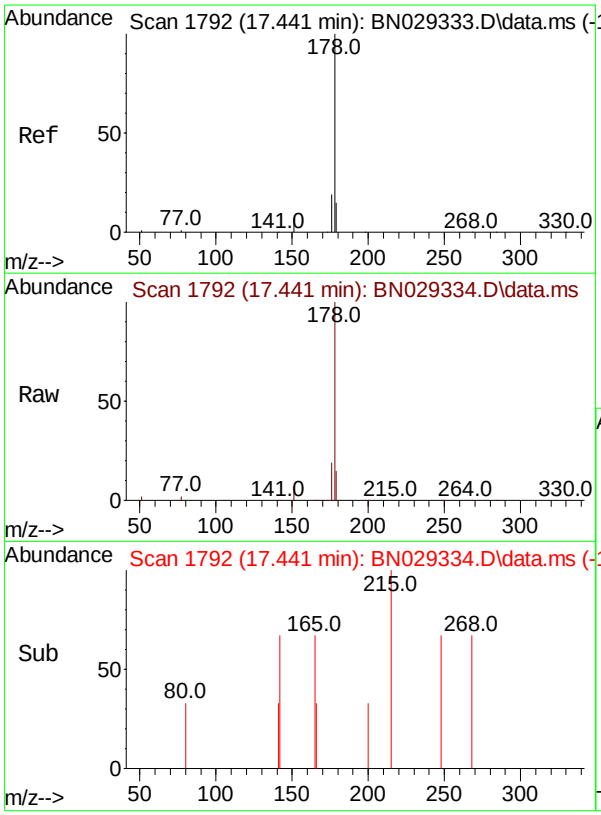
#25
Phenanthrene
Concen: 0.820 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 30674

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.4	18.6

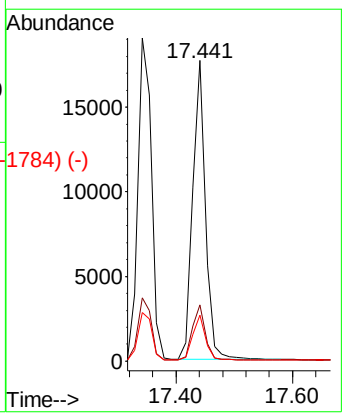


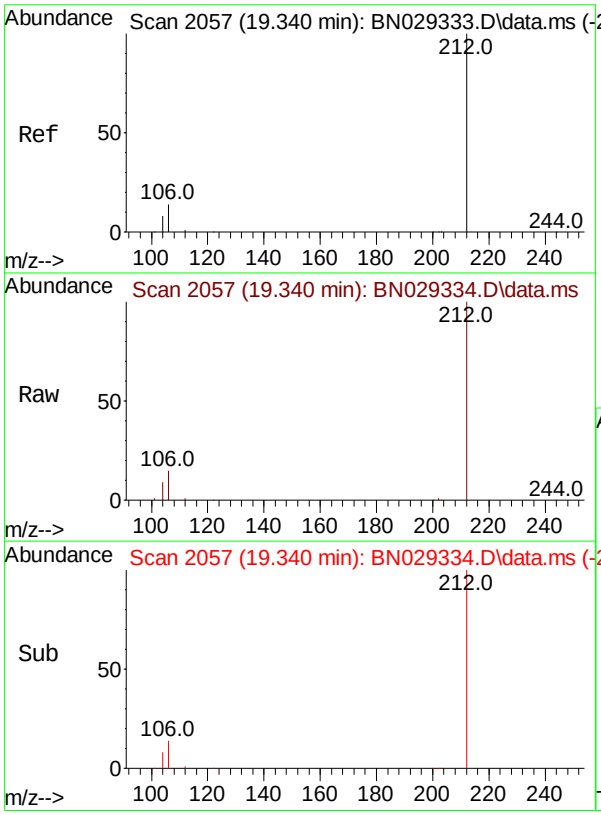


#26
Anthracene
Concen: 0.818 ng
RT: 17.441 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:178 Resp: 26768

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



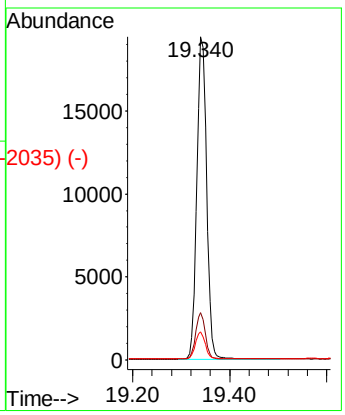


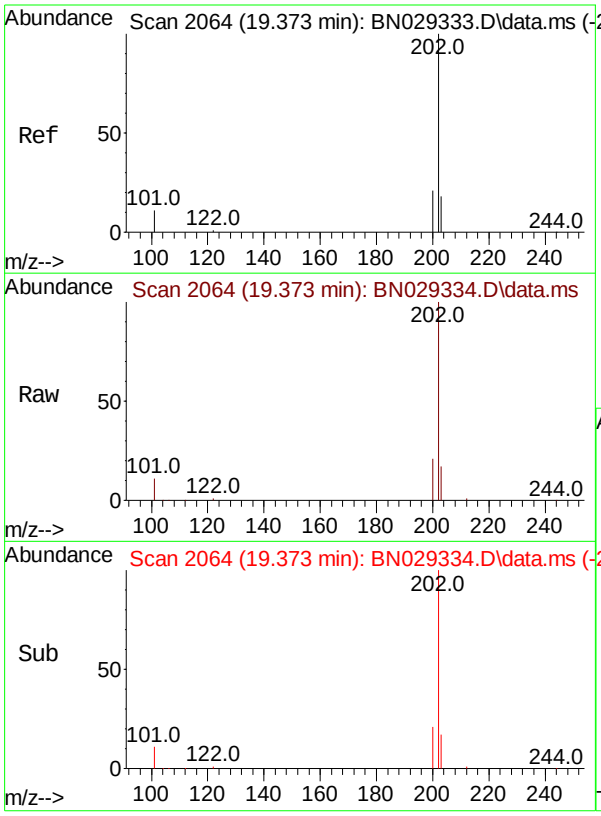
#27
Fluoranthene-d10
Concen: 0.786 ng
RT: 19.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 26734

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.4	17.0
104	8.3	6.8	10.2

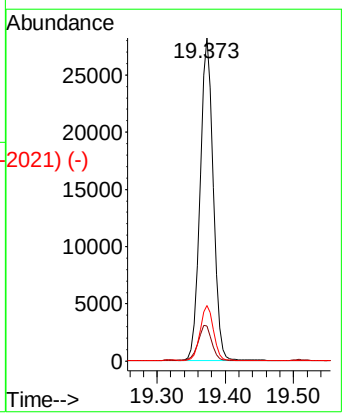


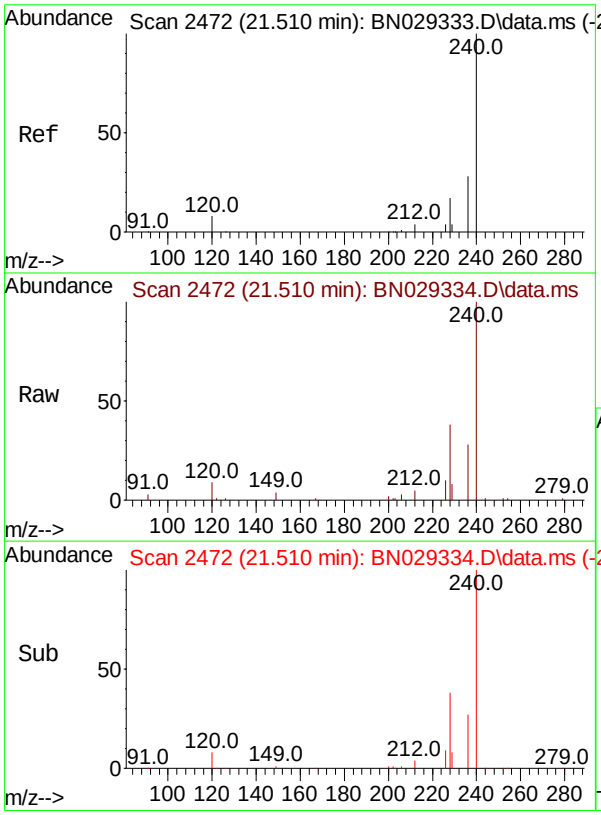


#28
Fluoranthene
Concen: 0.808 ng
RT: 19.373 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:202 Resp: 37084

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
203	17.3	13.8	20.8



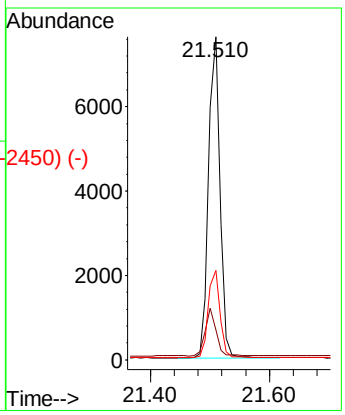


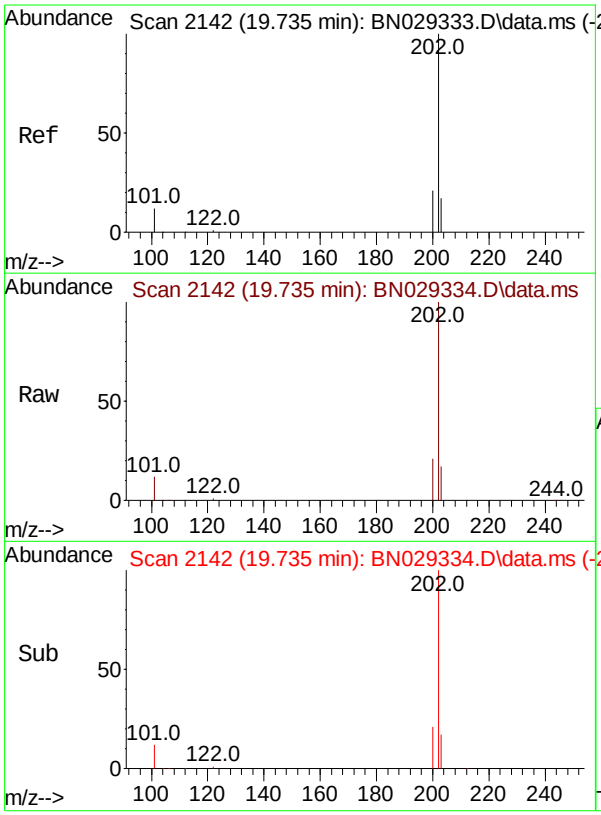
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 10168

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	27.6	23.0	34.4

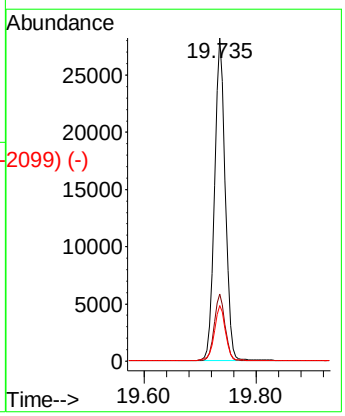


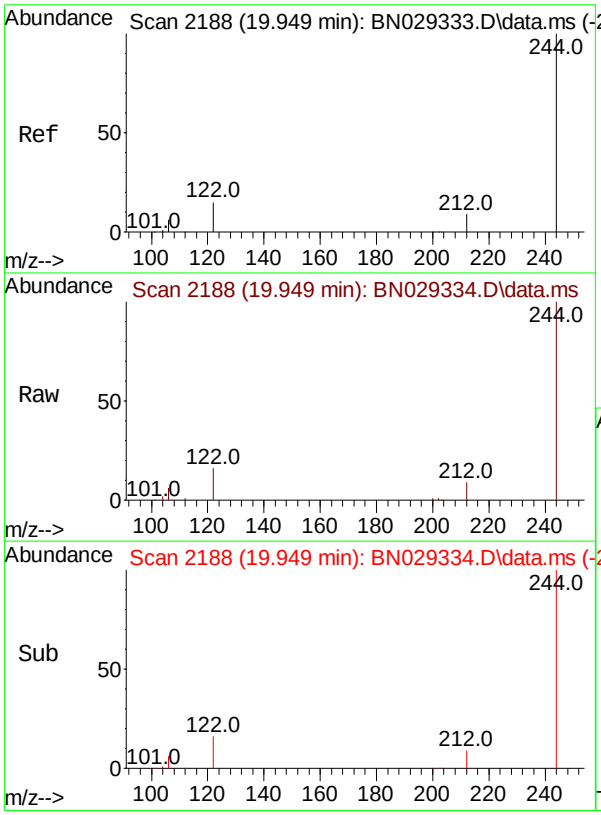


#30
Pyrene
Concen: 0.861 ng
RT: 19.735 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:202 Resp: 36952

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.1	21.1



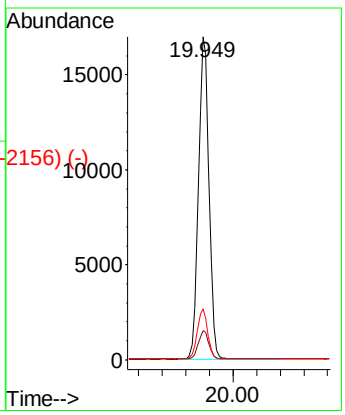


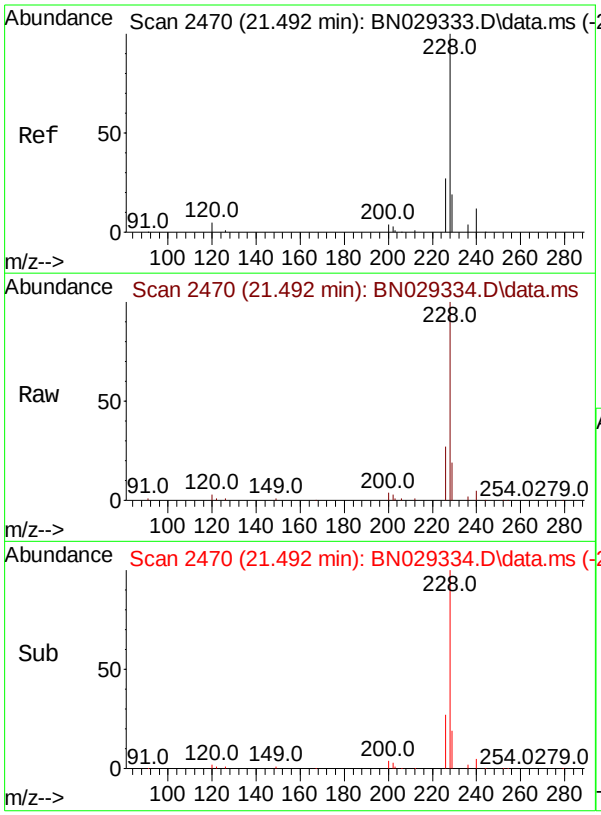
#31
Terphenyl-d14
Concen: 0.820 ng
RT: 19.949 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 20899

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	15.8	12.8	19.2

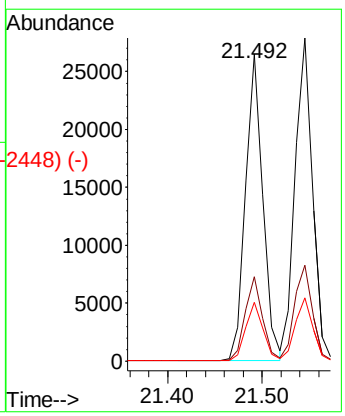


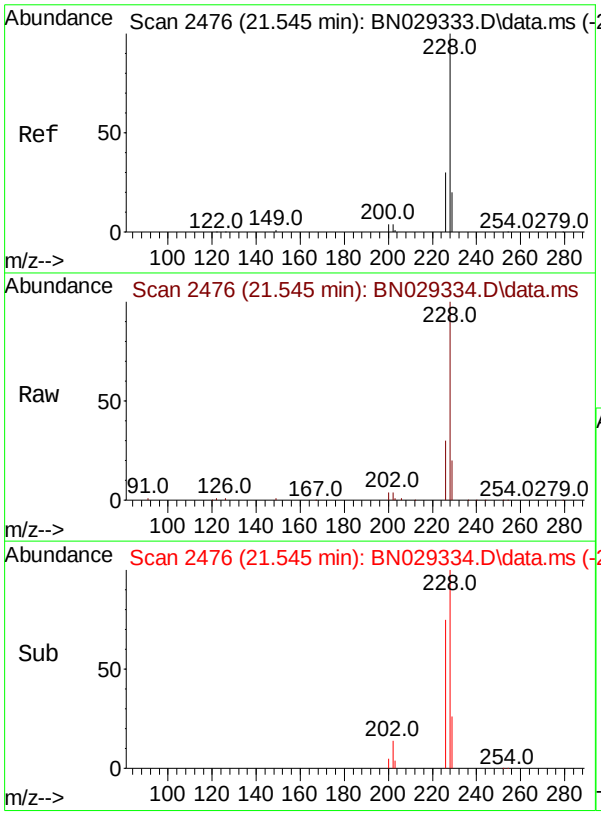


#32
Benzo(a)anthracene
Concen: 0.864 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:228 Resp: 33898

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.2	15.6	23.4



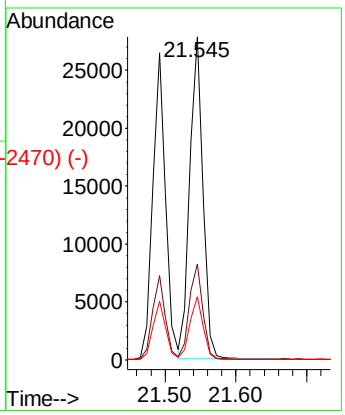


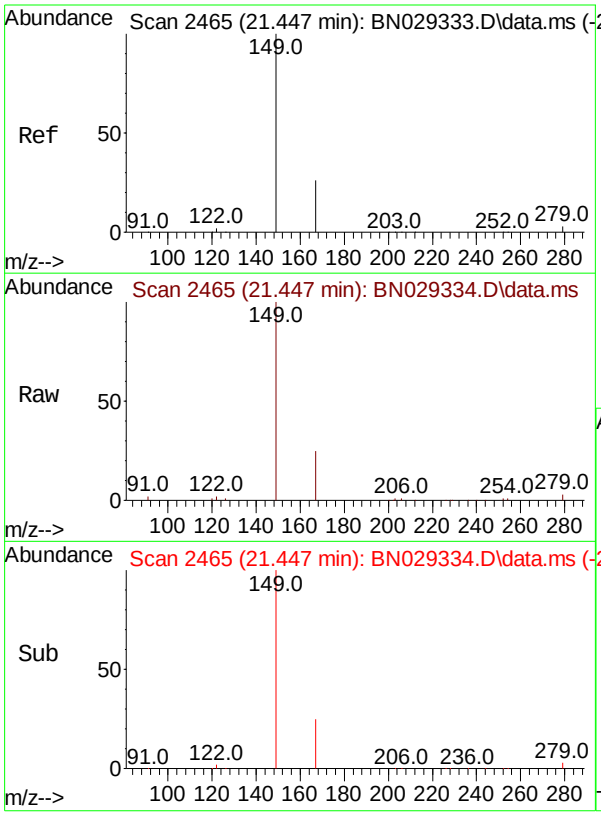
#33
Chrysene
Concen: 0.853 ng
RT: 21.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 35729

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	19.6	16.1	24.1

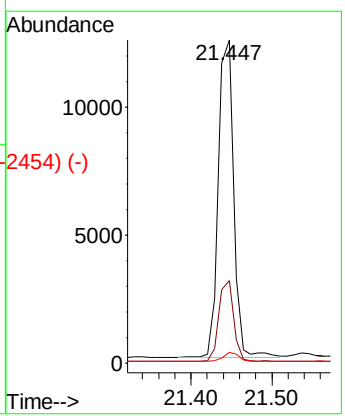


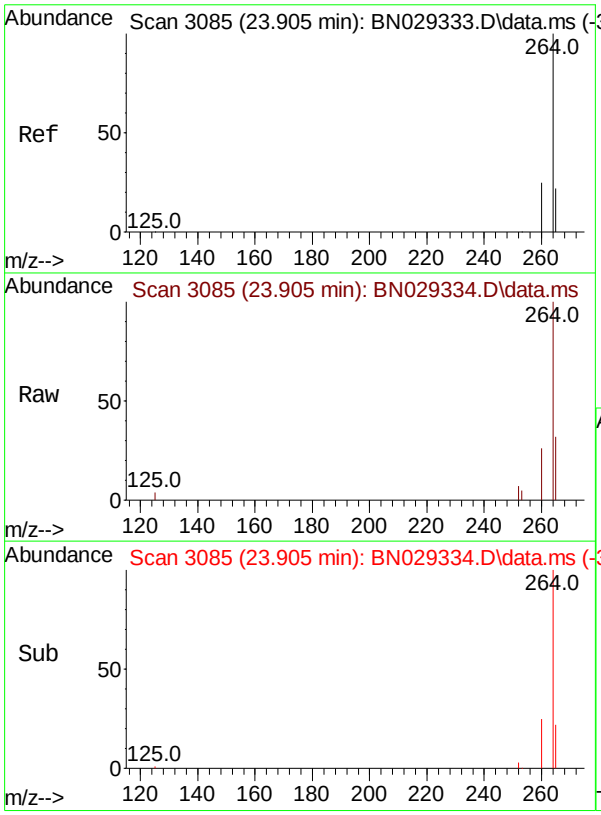


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.923 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:149 Resp: 16331

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.9	29.9
279	2.8	2.2	3.4



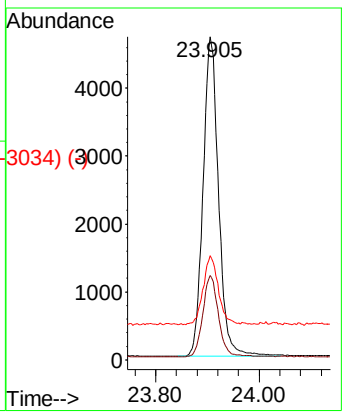


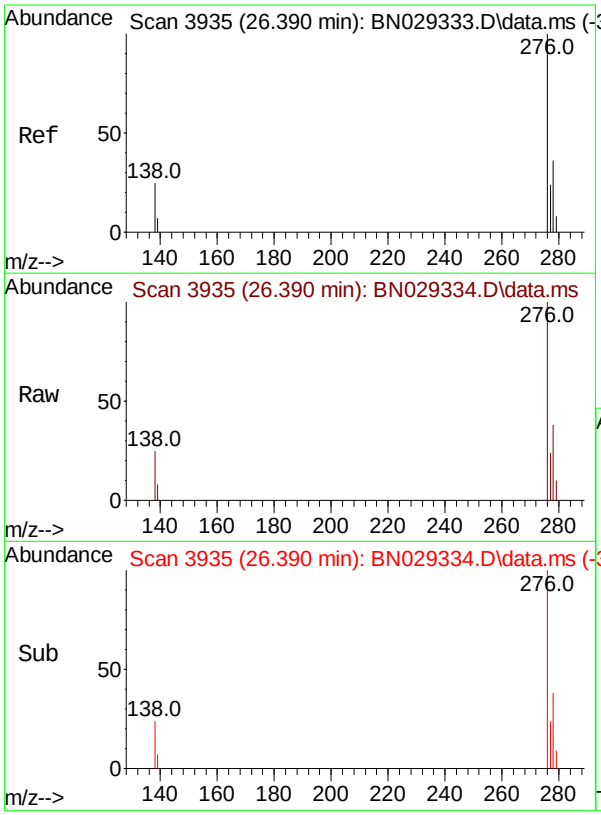
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.905 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 9775

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.6	31.0
265	32.3	24.8	37.2

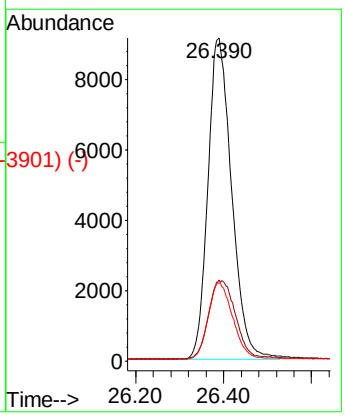


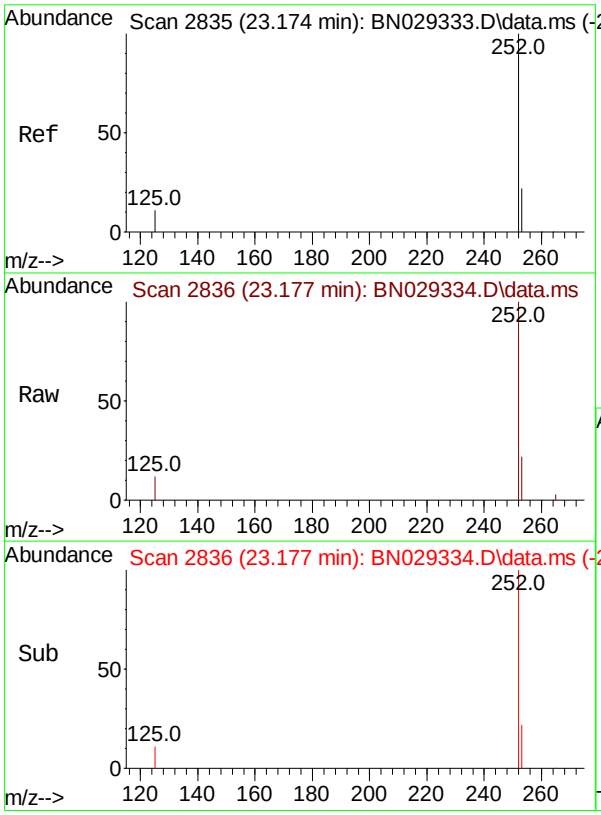


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.771 ng
RT: 26.390 min Scan# 3935
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:276 Resp: 33710

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.9	32.9
277	24.9	19.9	29.9



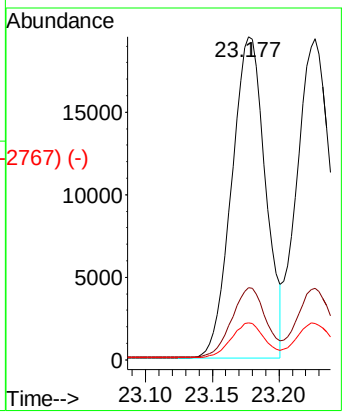


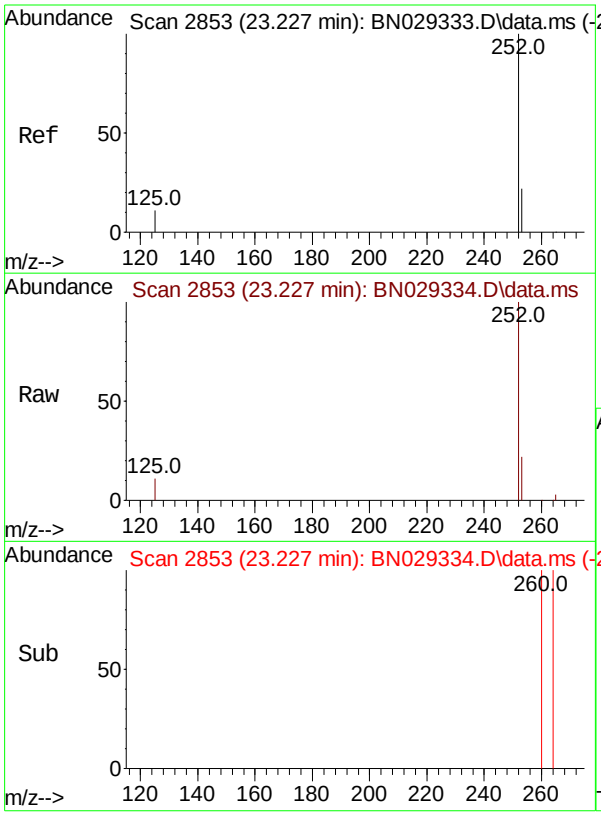
#37
Benzo(b)fluoranthene
Concen: 0.832 ng
RT: 23.177 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 34245

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	11.5	9.7	14.5

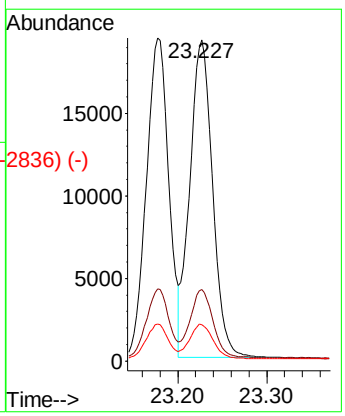


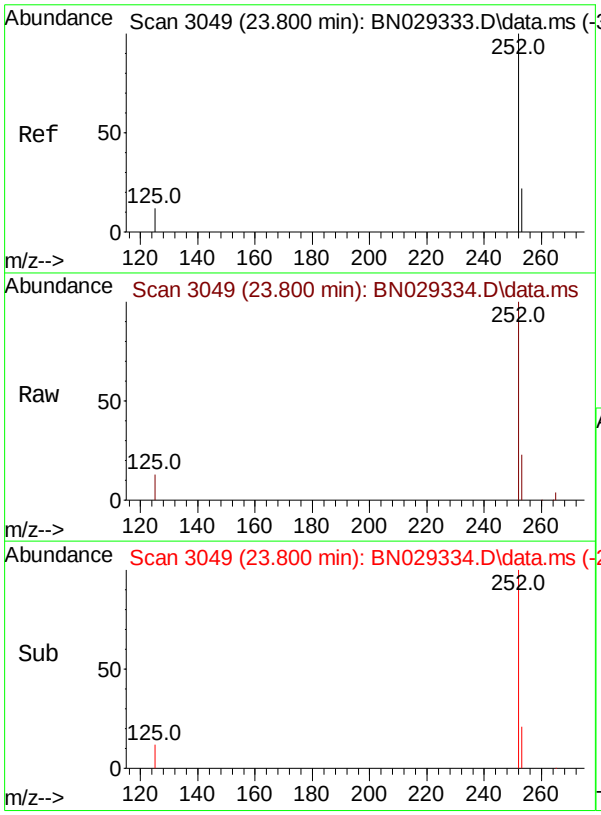


#38
Benzo(k)fluoranthene
Concen: 0.862 ng
RT: 23.227 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:252 Resp: 34499

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	11.4	9.7	14.5



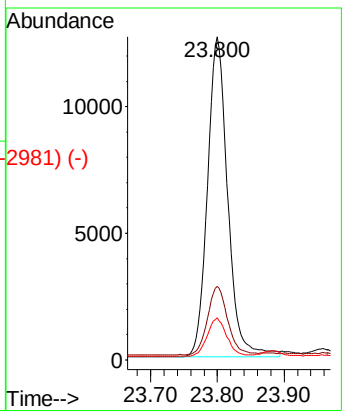


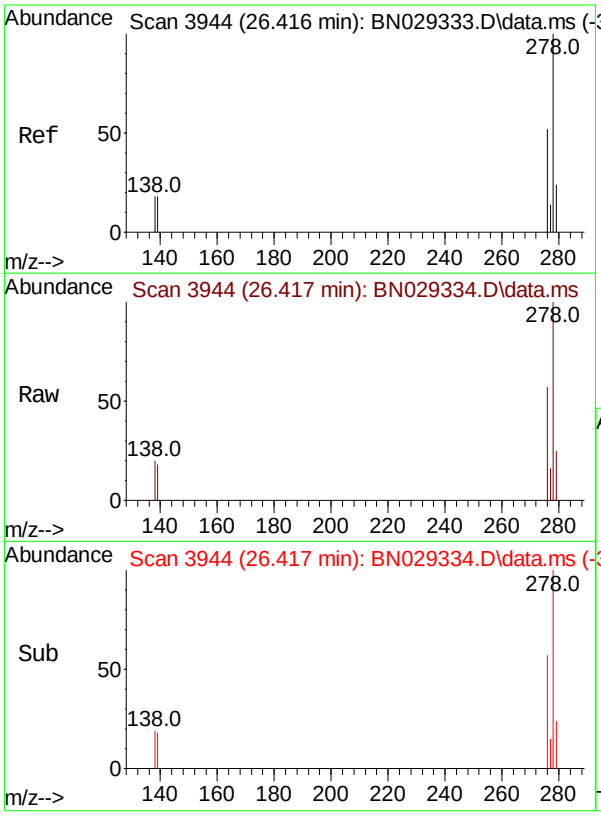
#39
Benzo(a)pyrene
Concen: 0.803 ng
RT: 23.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 26641

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.6	29.4
125	13.0	11.6	17.4

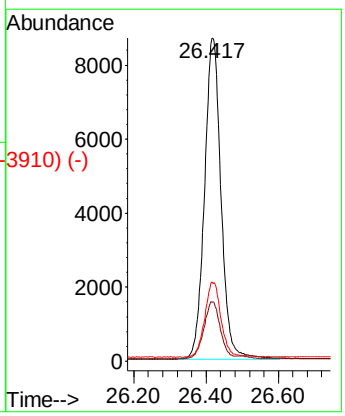


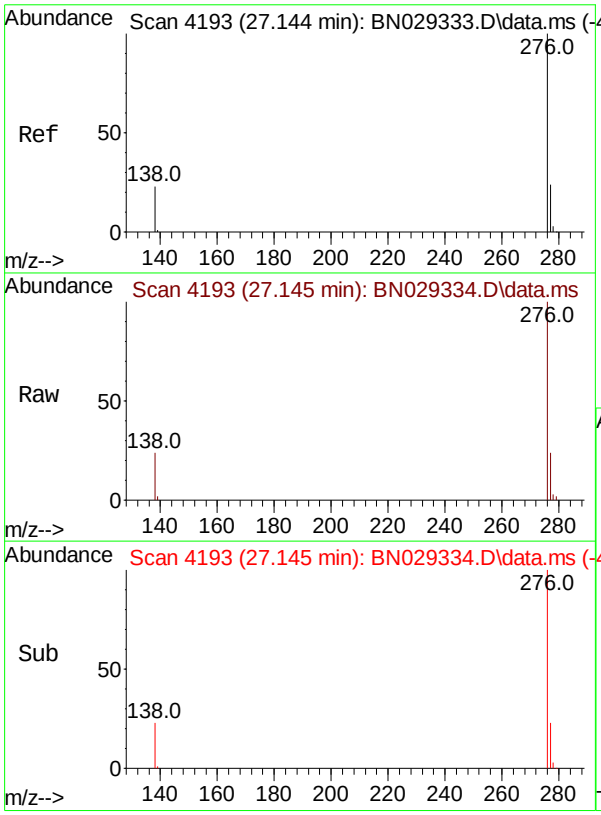


#40
Dibenzo(a,h)anthracene
Concen: 0.783 ng
RT: 26.417 min Scan# 3944
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Tgt Ion:278 Resp: 27632

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	24.6	20.5	30.7





#44
Benzo(g,h,i)perylene
Concen: 0.780 ng
RT: 27.145 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029334.D
Acq: 22 Jan 2024 16:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 29056

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	23.9	19.5	29.3