Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029332.D
Acq On : 22 Jan 2024 15:24
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 23 01:28:27 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

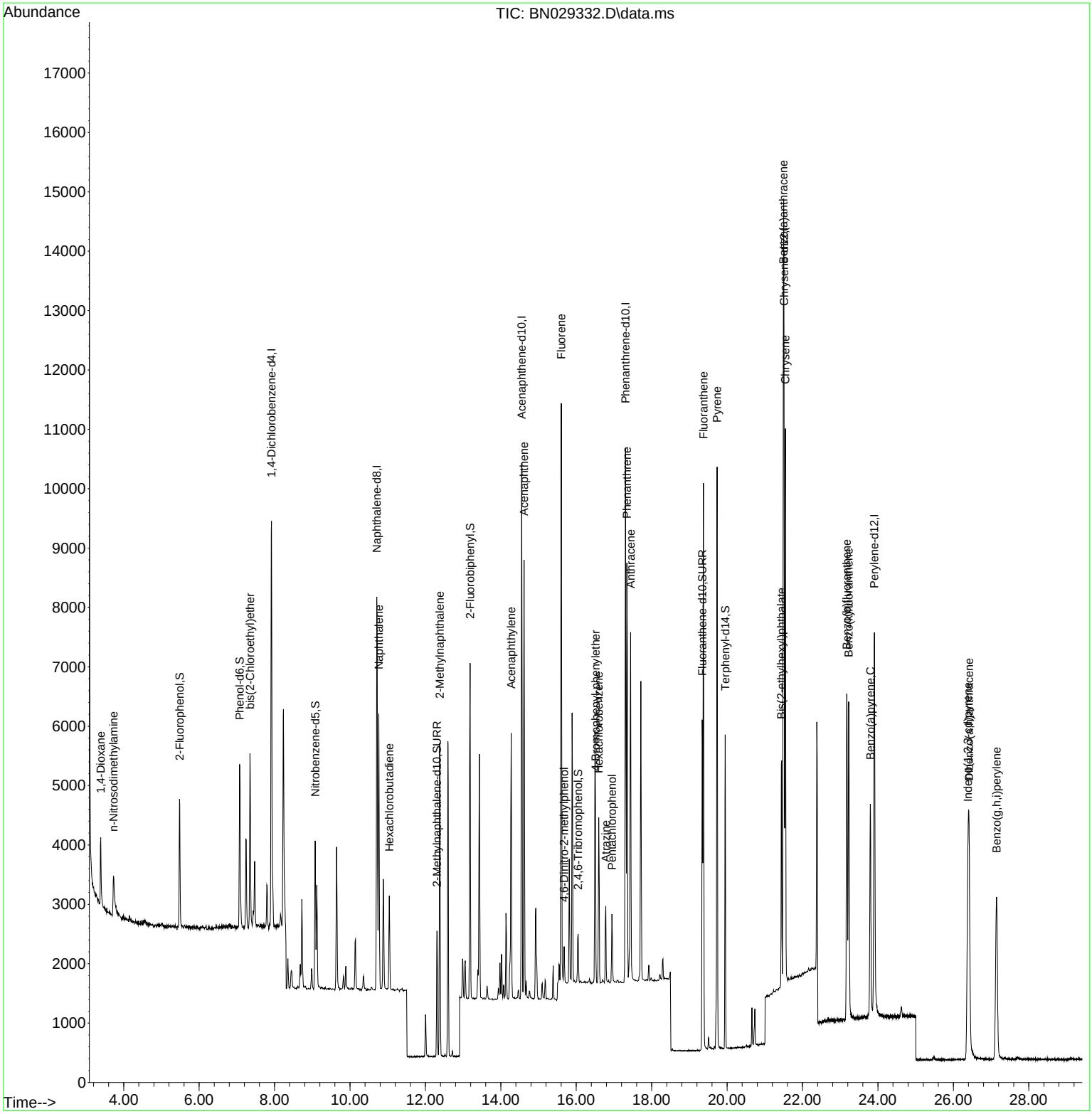
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3364	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	8975	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	4836	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11127	0.400	ng		0.00
29) Chrysene-d12	21.510	240	9372	0.400	ng		0.00
35) Perylene-d12	23.905	264	9290	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	1769	0.212	ng		0.00
5) Phenol-d6	7.074	99	2344	0.212	ng		0.00
8) Nitrobenzene-d5	9.078	82	1939	0.233	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	2833	0.185	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	497	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	4759	0.211	ng		0.00
27) Fluoranthene-d10	19.341	212	6130	0.182	ng		0.00
31) Terphenyl-d14	19.949	244	4895	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	839	0.204	ng		98
3) n-Nitrosodimethylamine	3.731	42	781	0.191	ng	#	97
6) bis(2-Chloroethyl)ether	7.349	93	2170	0.209	ng		100
9) Naphthalene	10.765	128	5762	0.206	ng		99
10) Hexachlorobutadiene	11.043	225	1237	0.204	ng	#	99
12) 2-Methylnaphthalene	12.382	142	3642	0.194	ng		98
16) Acenaphthylene	14.276	152	4800	0.195	ng		99
17) Acenaphthene	14.618	154	3397	0.204	ng		99
18) Fluorene	15.605	166	4634	0.203	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	346	0.212	ng	#	70
21) 4-Bromophenyl-phenylether	16.511	248	1638	0.277	ng		98
22) Hexachlorobenzene	16.598	284	2031	0.210	ng		99
23) Atrazine	16.784	200	1102	0.201	ng		97
24) Pentachlorophenol	16.945	266	544	0.182	ng		96
25) Phenanthrene	17.342	178	7613	0.205	ng		100
26) Anthracene	17.442	178	6345	0.195	ng		99
28) Fluoranthene	19.373	202	8514	0.187	ng		99
30) Pyrene	19.736	202	8652	0.219	ng		100
32) Benzo(a)anthracene	21.492	228	7402	0.205	ng		99
33) Chrysene	21.546	228	7924	0.205	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	4059	0.249	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.385	276	6986	0.168	ng		100
37) Benzo(b)fluoranthene	23.175	252	7637	0.195	ng		96
38) Benzo(k)fluoranthene	23.224	252	7282	0.192	ng	#	94
39) Benzo(a)pyrene	23.797	252	5658	0.180	ng		94
40) Dibenzo(a,h)anthracene	26.417	278	5565	0.166	ng		95
41) Benzo(g,h,i)perylene	27.145	276	6260	0.177	ng		98

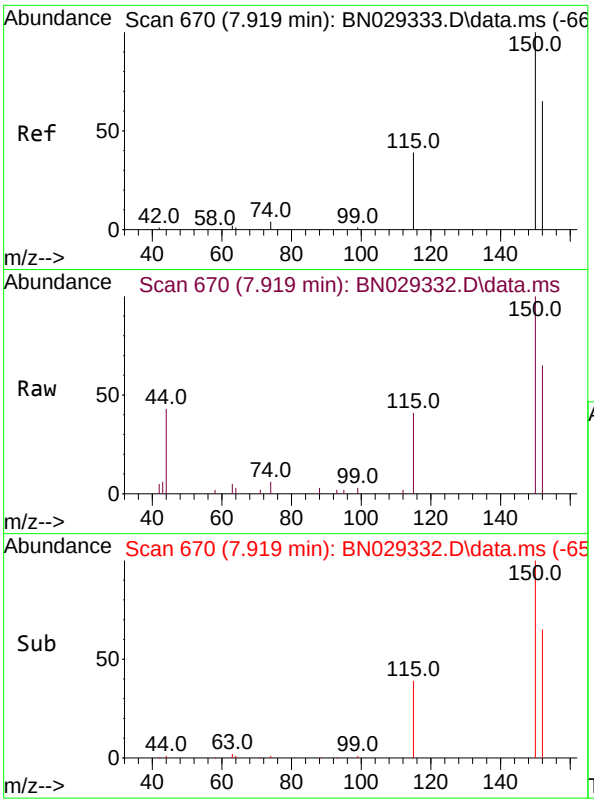
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012224\
Data File : BN029332.D
Acq On : 22 Jan 2024 15:24
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 23 01:28:27 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



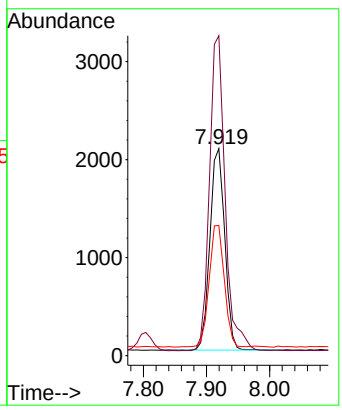


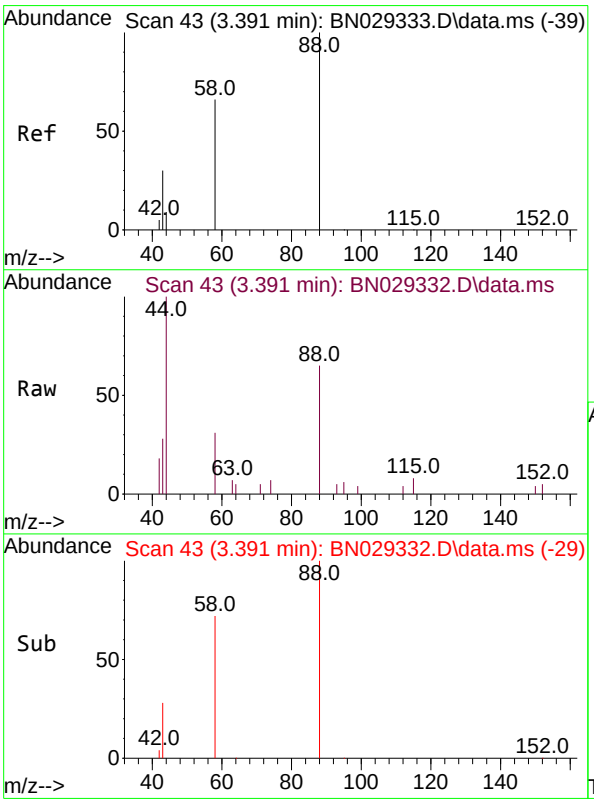
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3364

Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.1	181.7
115	62.9	49.8	74.6

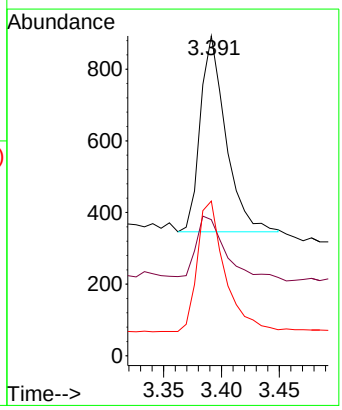


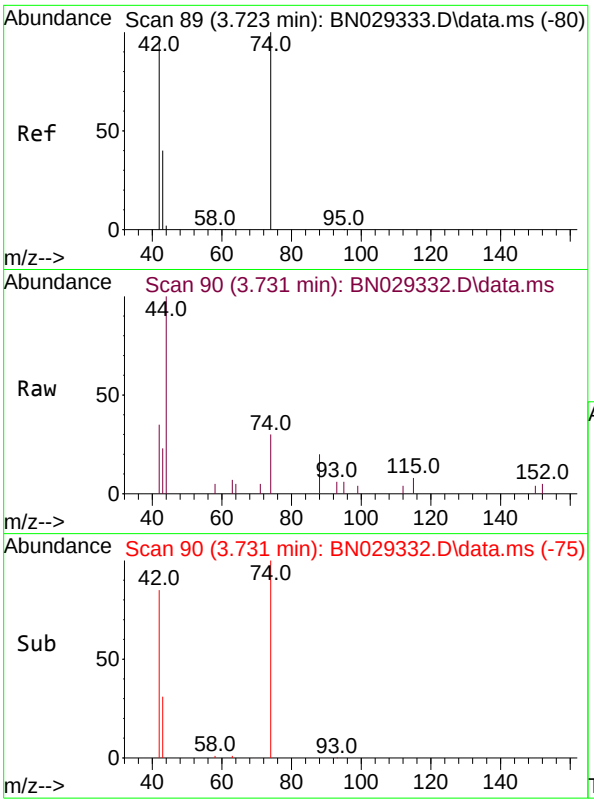


#2
1,4-Dioxane
Concen: 0.204 ng
RT: 3.391 min Scan# 43
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion: 88 Resp: 839

Ion	Ratio	Lower	Upper
88	100		
43	33.5	29.2	43.8
58	71.6	57.8	86.8



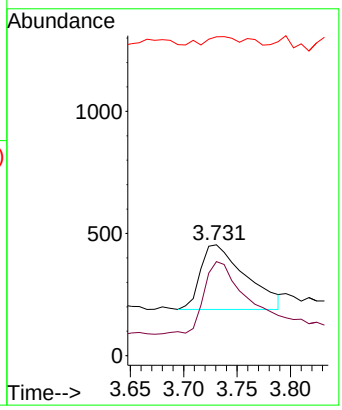


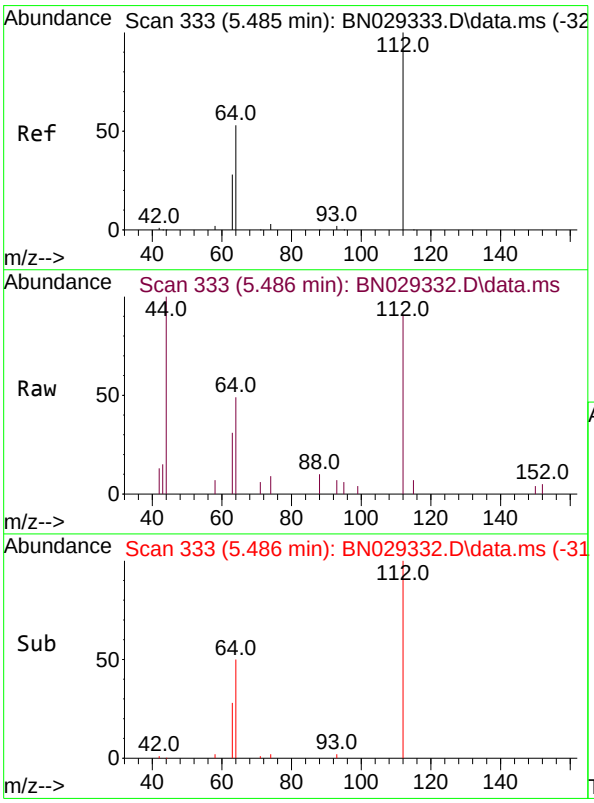
#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.731 min Scan# 90
Delta R.T. 0.008 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 781

Ion	Ratio	Lower	Upper
42	100		
74	111.5	87.4	131.0
44	8.2	3.1	4.7#

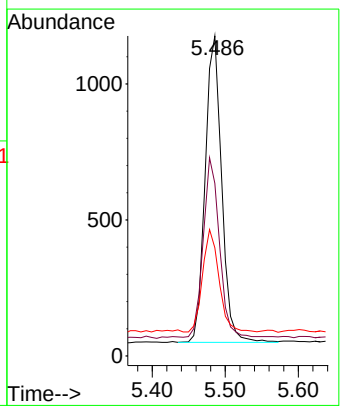


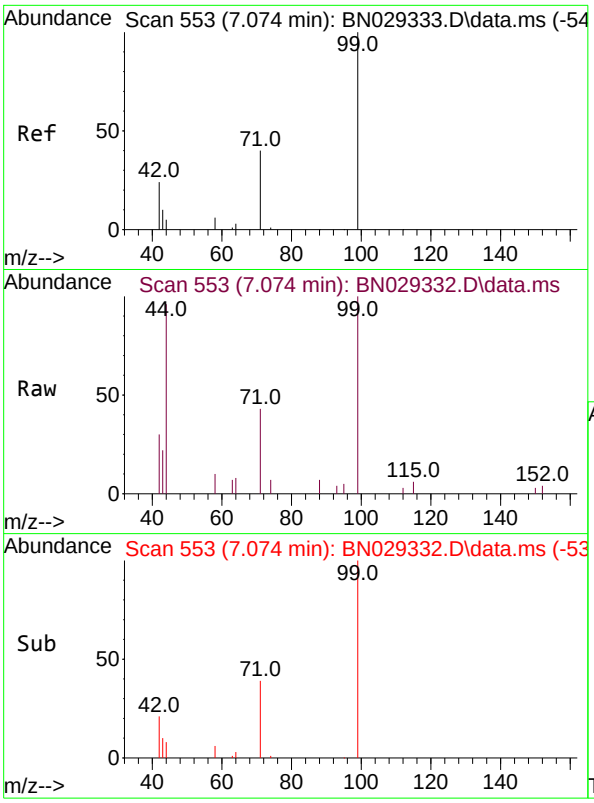


#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.486 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:112 Resp: 1769

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.6	71.4
63	33.2	27.0	40.6



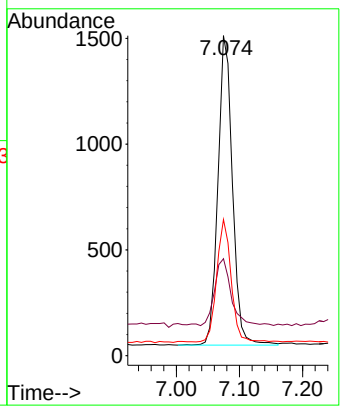


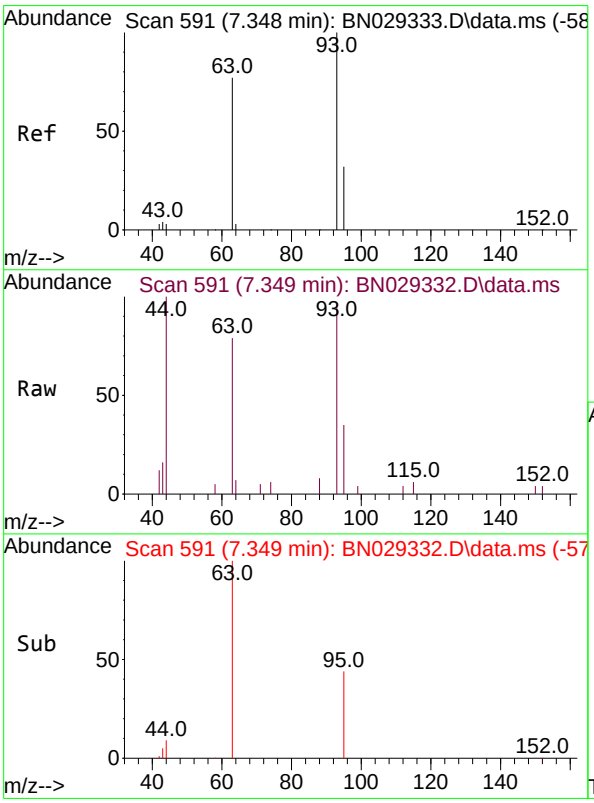
#5
Phenol-d6
Concen: 0.212 ng
RT: 7.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2344

Ion	Ratio	Lower	Upper
99	100		
42	25.5	19.3	28.9
71	39.2	31.0	46.6

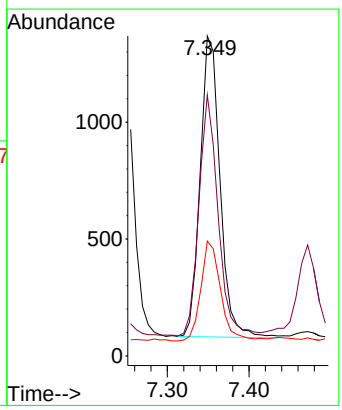


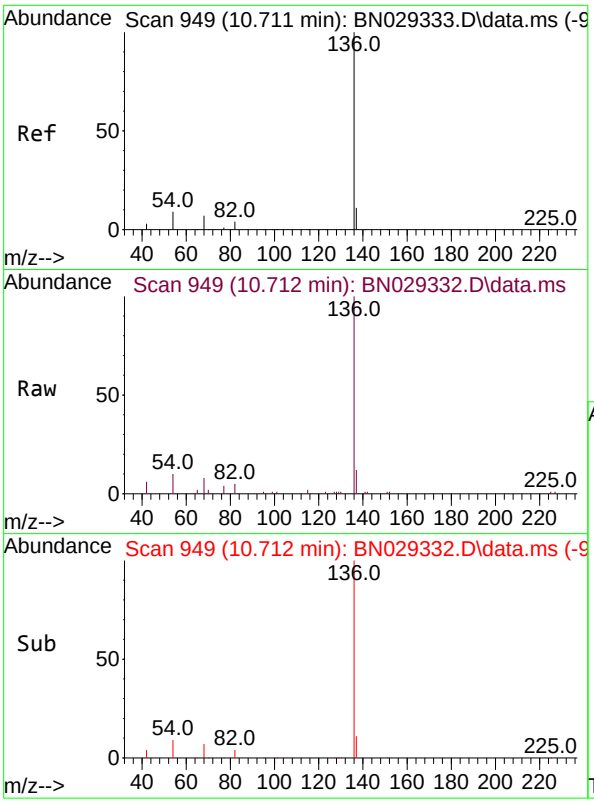


#6
bis(2-Chloroethyl)ether
Concen: 0.209 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion: 93 Resp: 2170

Ion	Ratio	Lower	Upper
93	100		
63	76.3	61.0	91.4
95	32.9	26.5	39.7



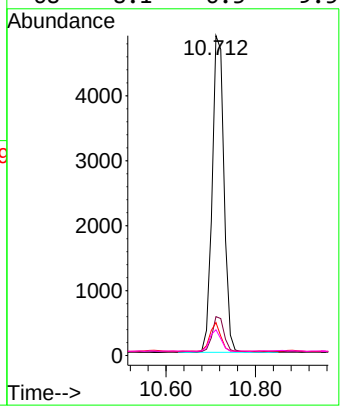


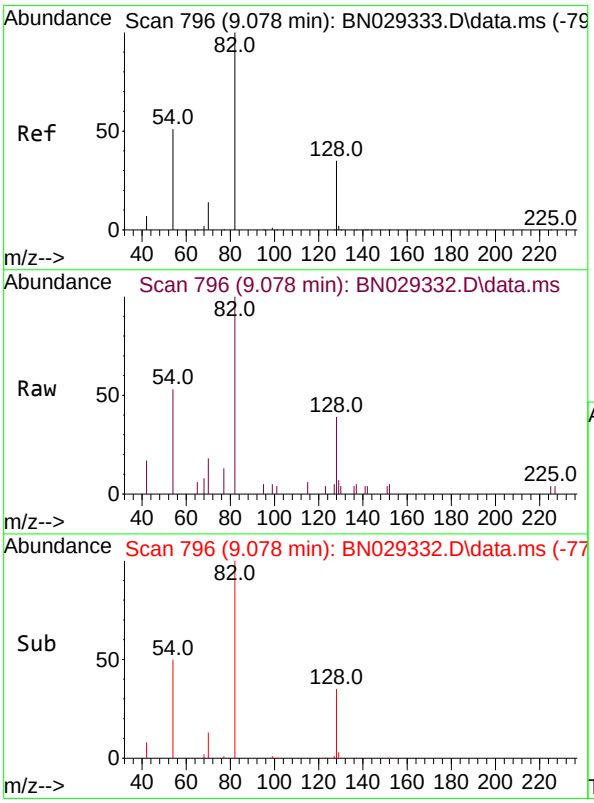
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 8975

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	10.3	7.9	11.9
68	8.1	6.3	9.5

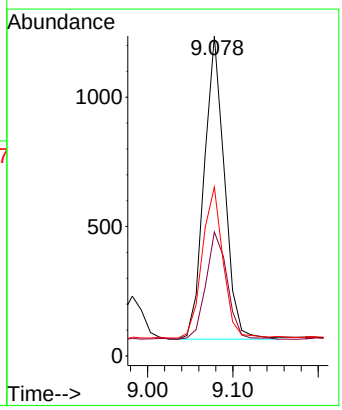


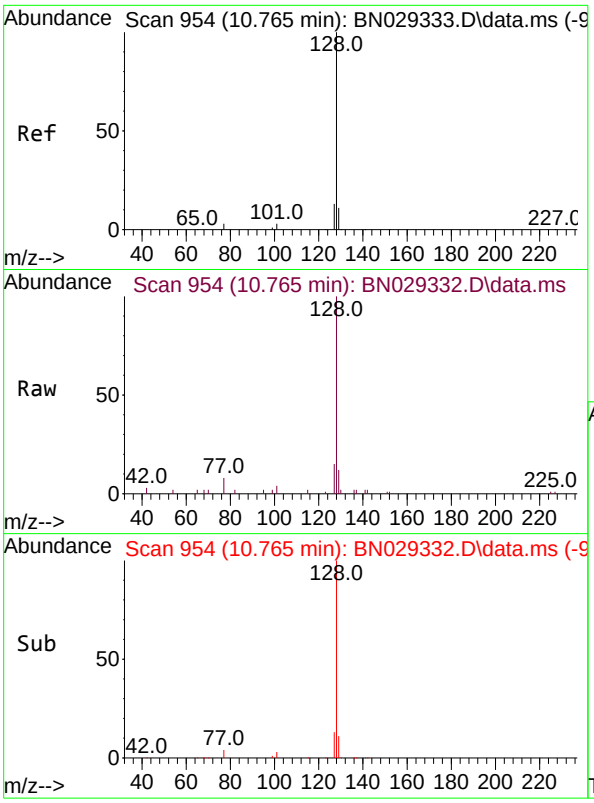


#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion: 82 Resp: 1939

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.8	44.6
54	52.8	42.5	63.7



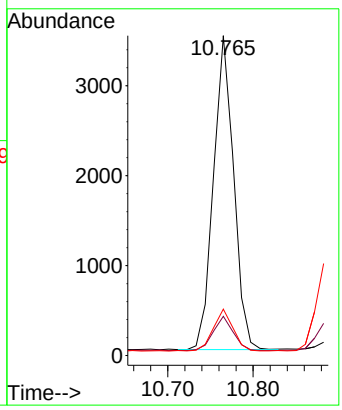


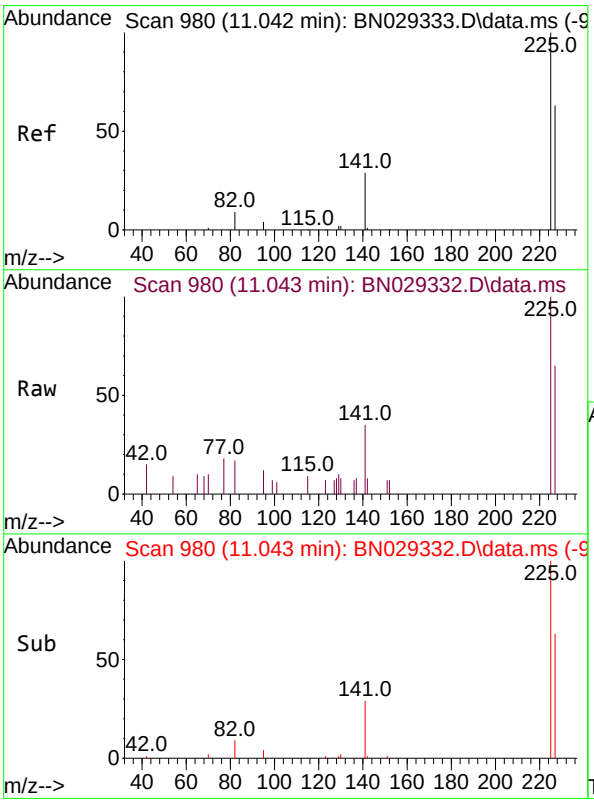
#9
Naphthalene
Concen: 0.206 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 5762

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.5	11.3	16.9

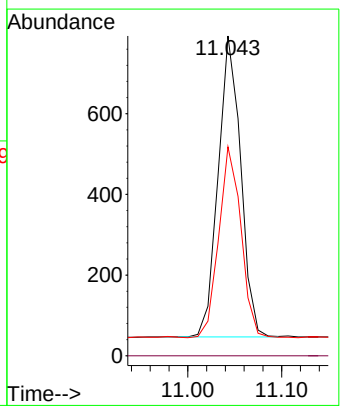


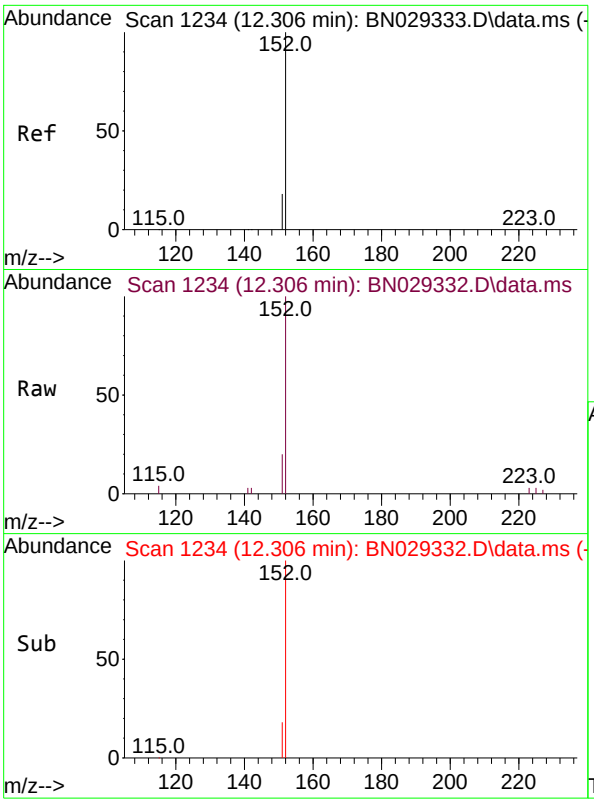


#10
Hexachlorobutadiene
Concen: 0.204 ng
RT: 11.043 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:225 Resp: 1237

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.6	76.0



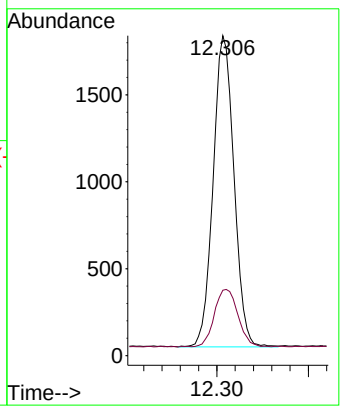


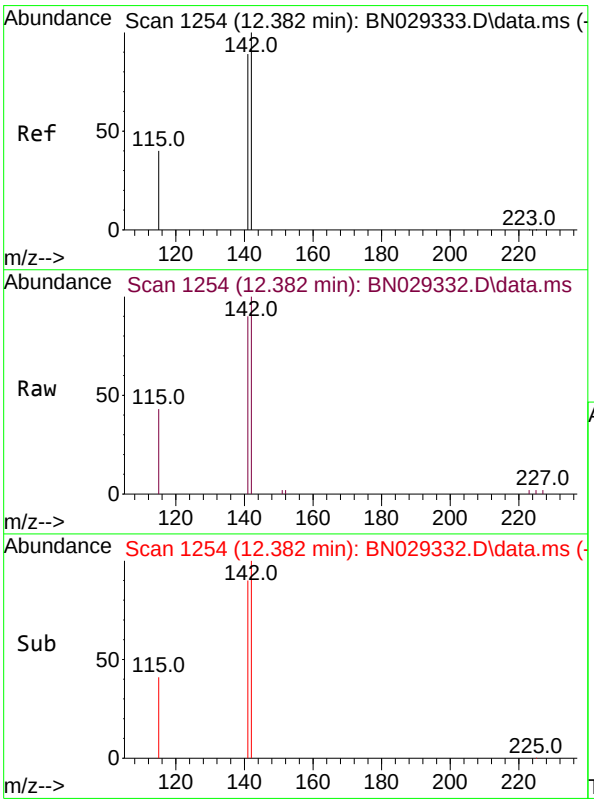
#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2833

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3

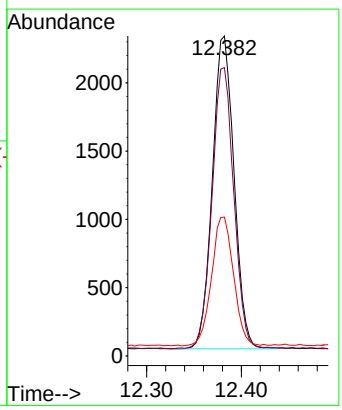


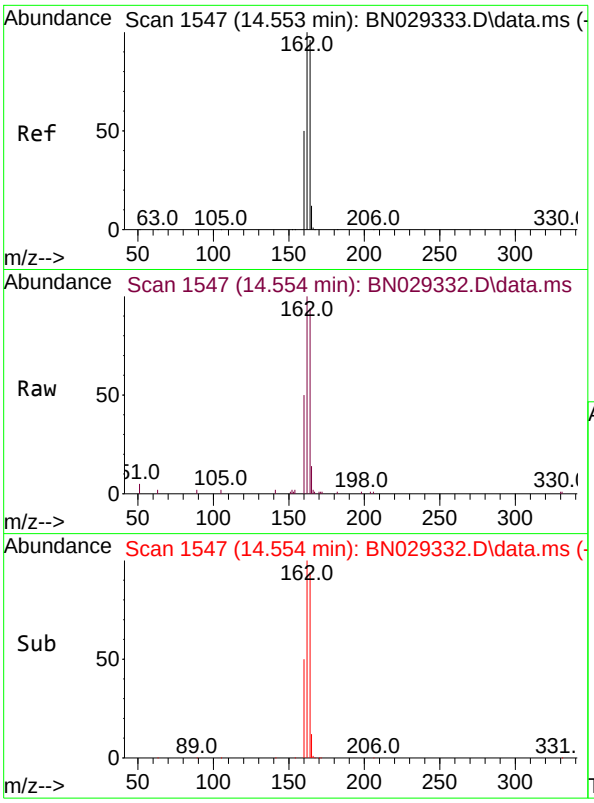


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:142 Resp: 3642

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	43.4	33.4	50.0



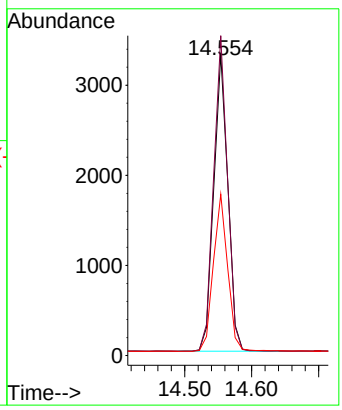


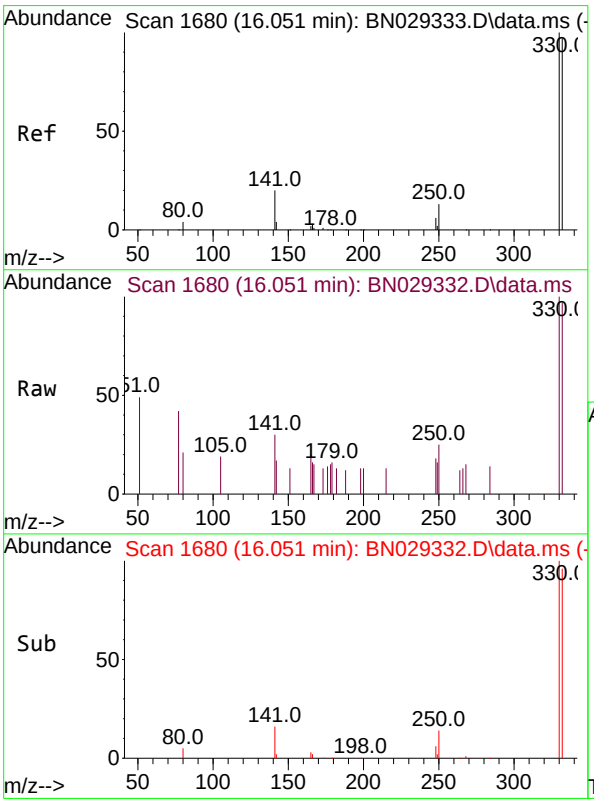
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 4836

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.5	125.3
160	53.5	42.1	63.1

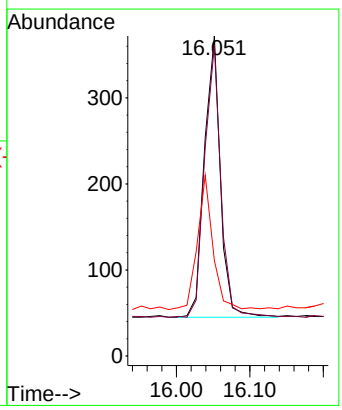


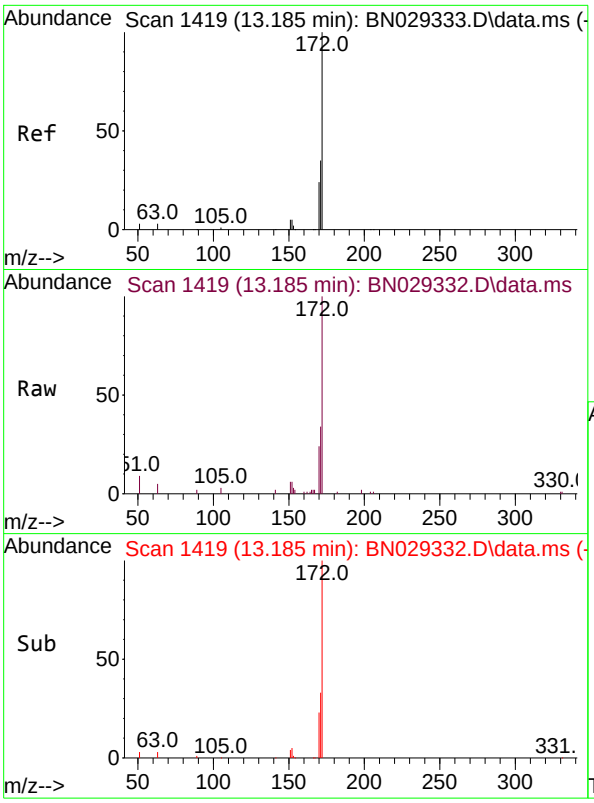


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:330 Resp: 497

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	46.1	37.2	55.8



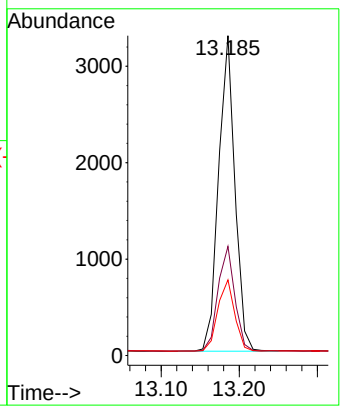


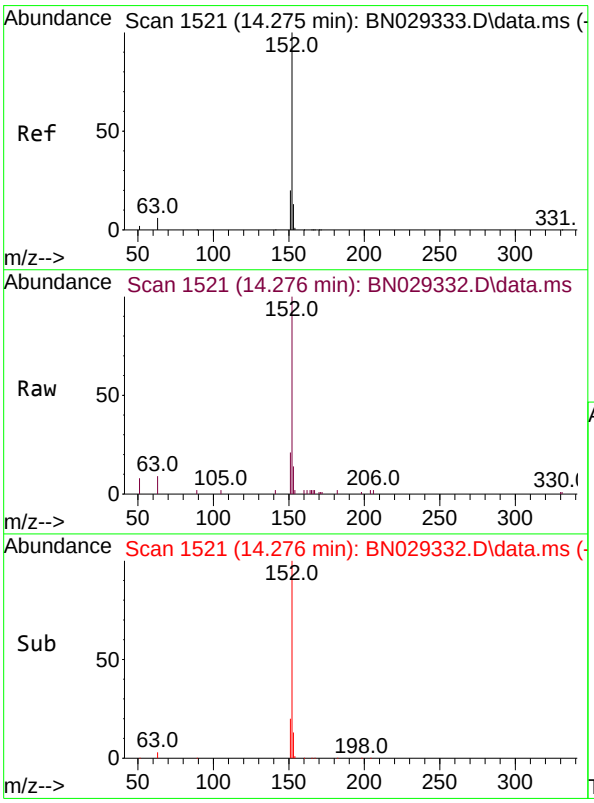
#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 13.185 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 4759

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	23.7	19.3	28.9

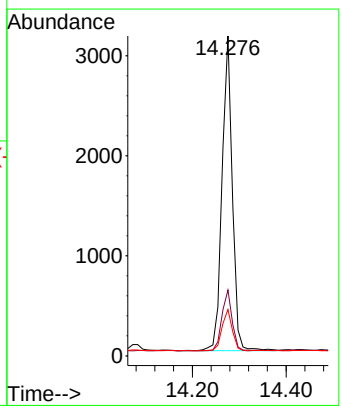


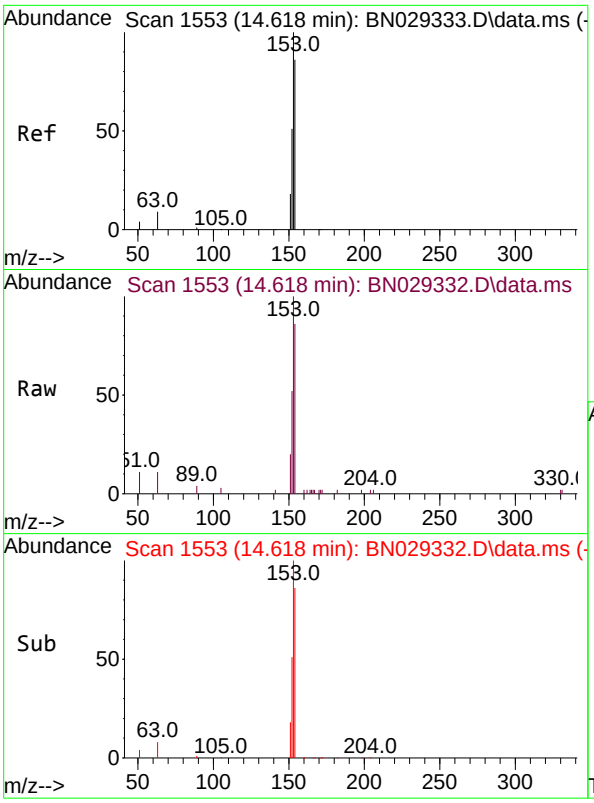


#16
Acenaphthylene
Concen: 0.195 ng
RT: 14.276 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:152 Resp: 4800

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.1	10.2	15.4





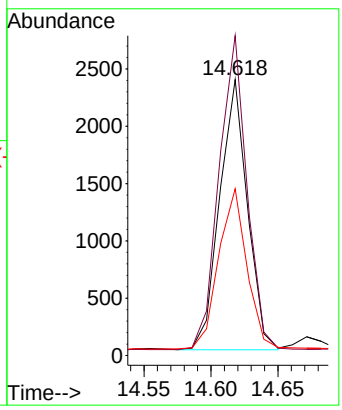
#17
Acenaphthene
Concen: 0.204 ng
RT: 14.618 min Scan# 1

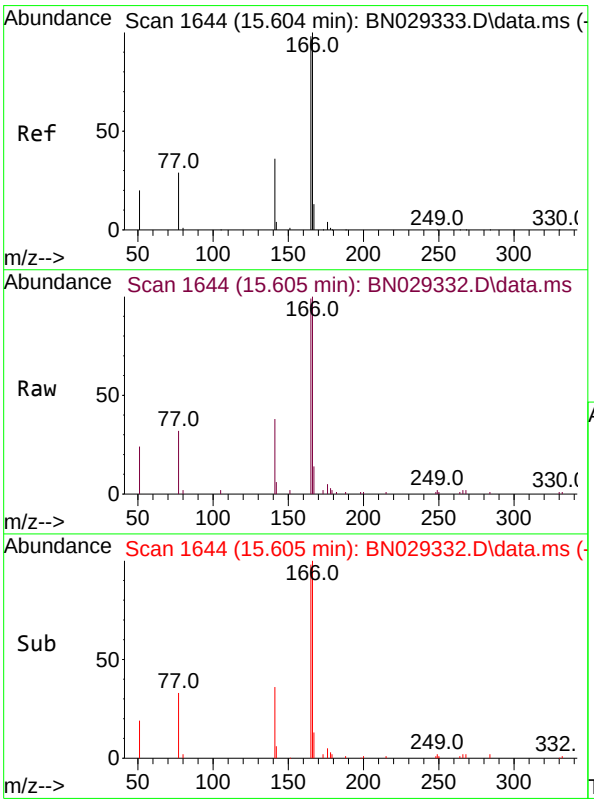
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:154 Resp: 3397

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.7	140.5
152	61.1	49.4	74.2

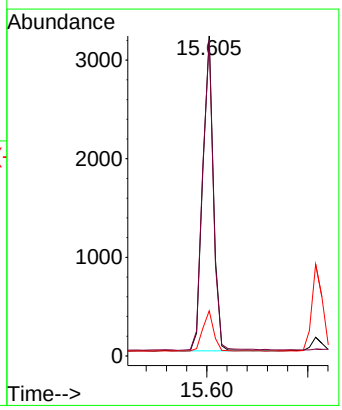


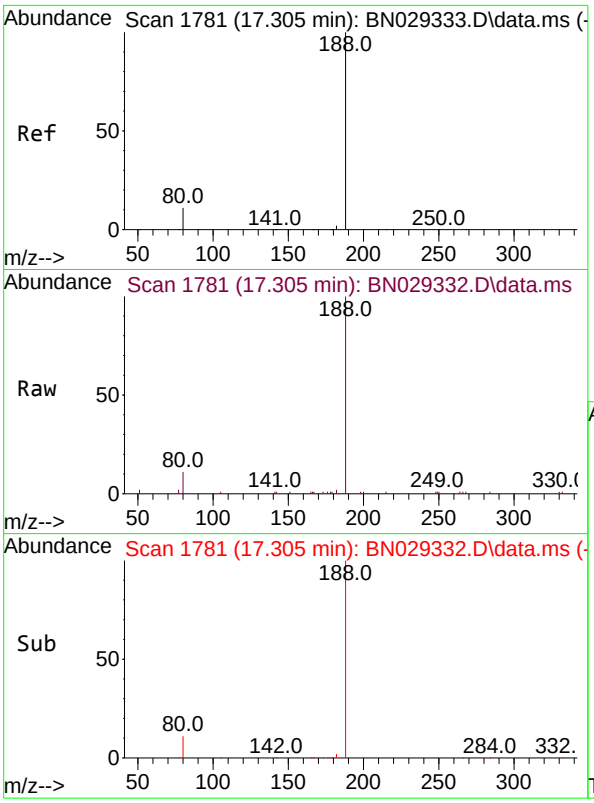


#18
Fluorene
Concen: 0.203 ng
RT: 15.605 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:166 Resp: 4634

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.4	119.2
167	12.9	10.9	16.3



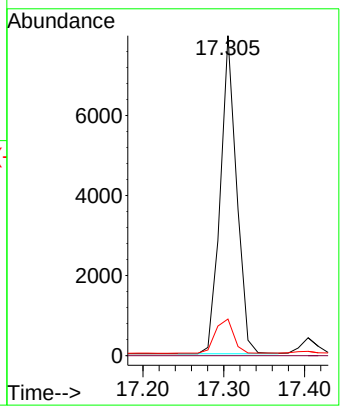


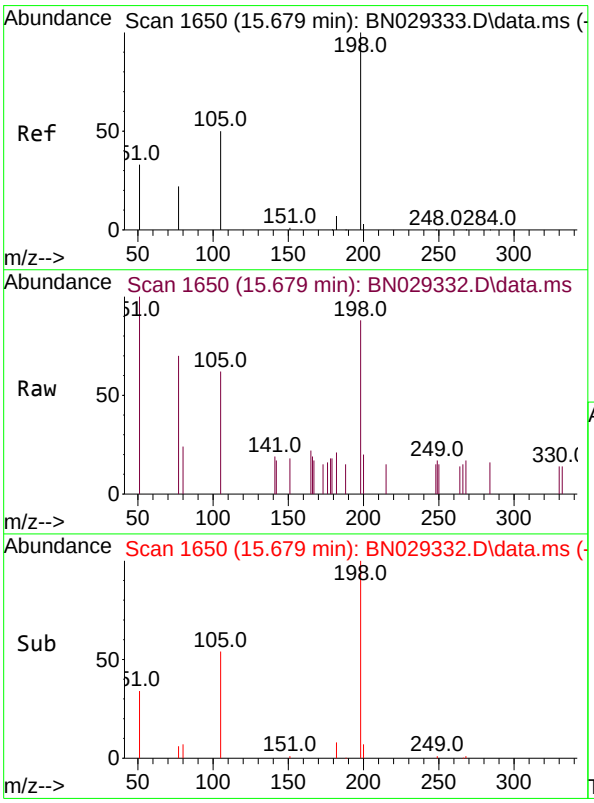
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 11127

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.4	14.2

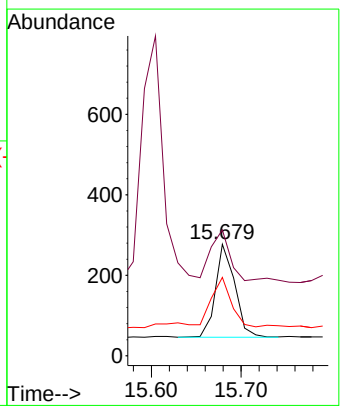


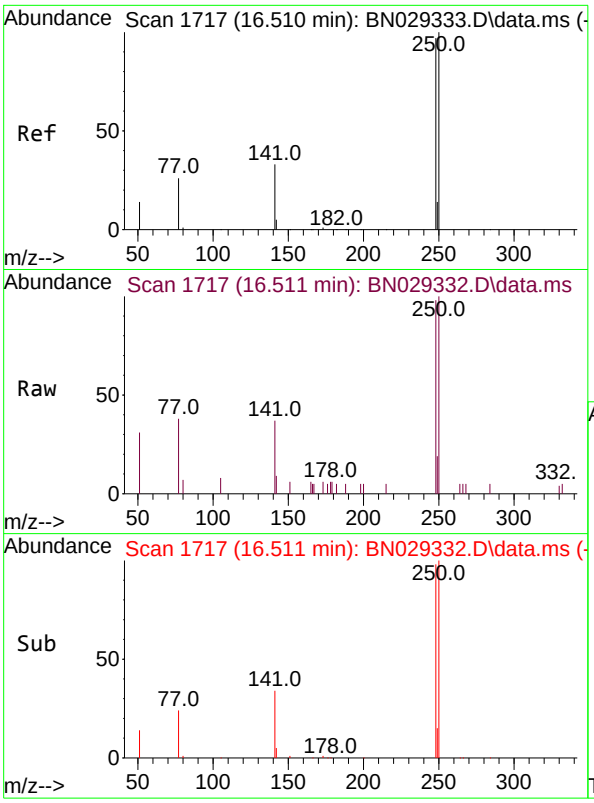


#20
4,6-Dinitro-2-methylphenol
Concen: 0.212 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:198 Resp: 346

Ion	Ratio	Lower	Upper
198	100		
51	113.0	60.5	90.7#
105	70.4	48.7	73.1



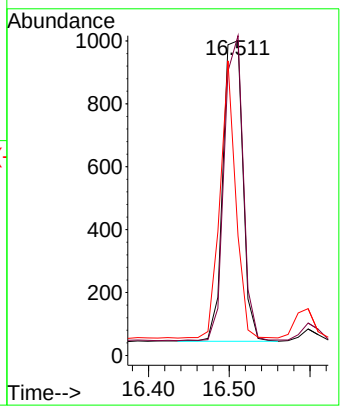


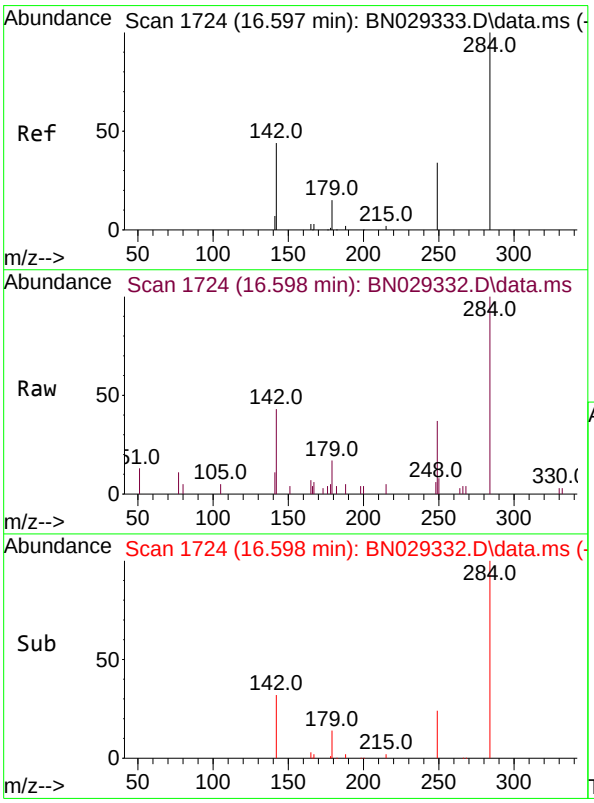
#21
4-Bromophenyl-phenylether
Concen: 0.277 ng
RT: 16.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1638

Ion	Ratio	Lower	Upper
248	100		
250	101.6	82.6	123.8
141	38.0	28.7	43.1

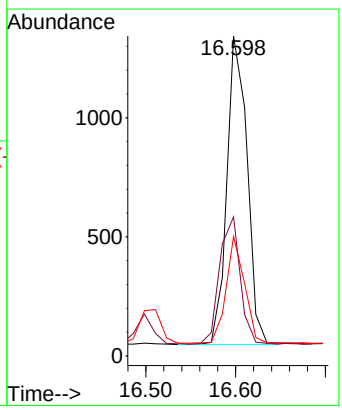


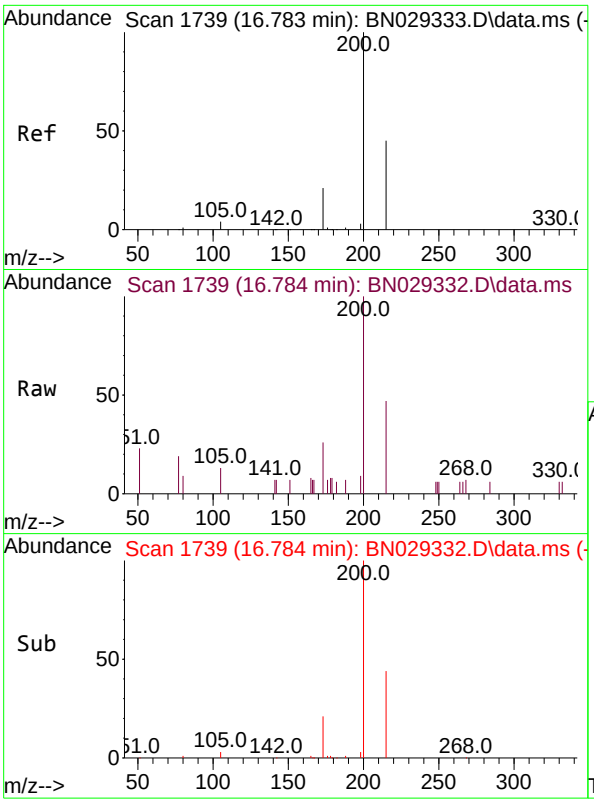


#22
Hexachlorobenzene
Concen: 0.210 ng
RT: 16.598 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:284 Resp: 2031

Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.8	50.6
249	31.2	25.5	38.3



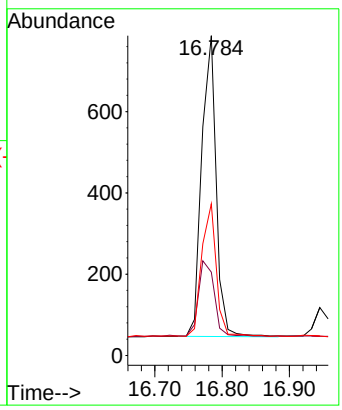


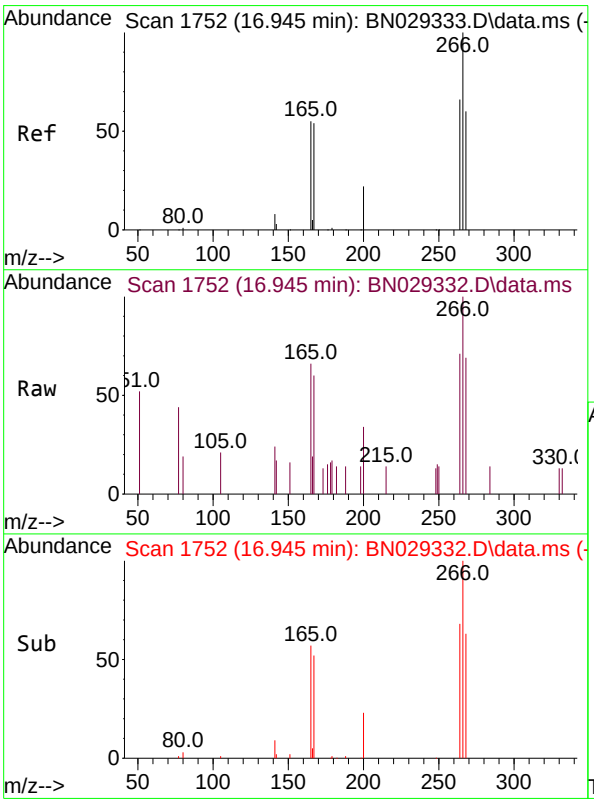
#23
Atrazine
Concen: 0.201 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1102

Ion	Ratio	Lower	Upper
200	100		
173	26.0	18.6	28.0
215	47.4	37.1	55.7

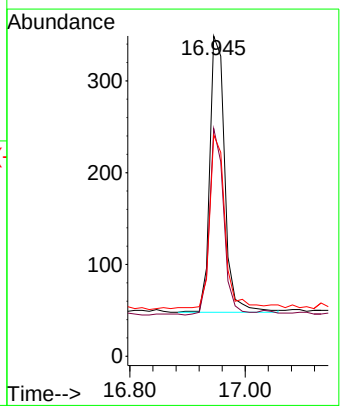


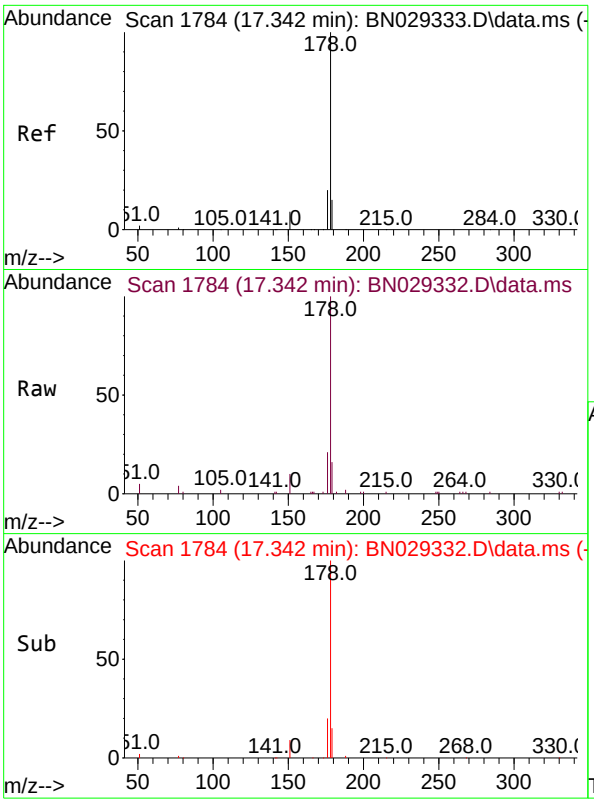


#24
Pentachlorophenol
Concen: 0.182 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:266 Resp: 544

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.8	74.8
268	65.3	48.8	73.2



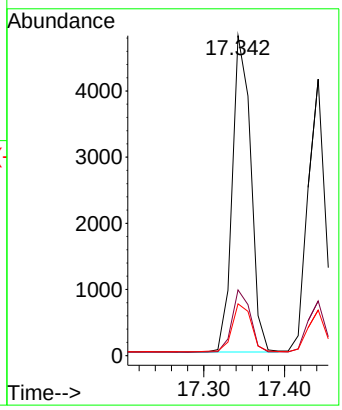


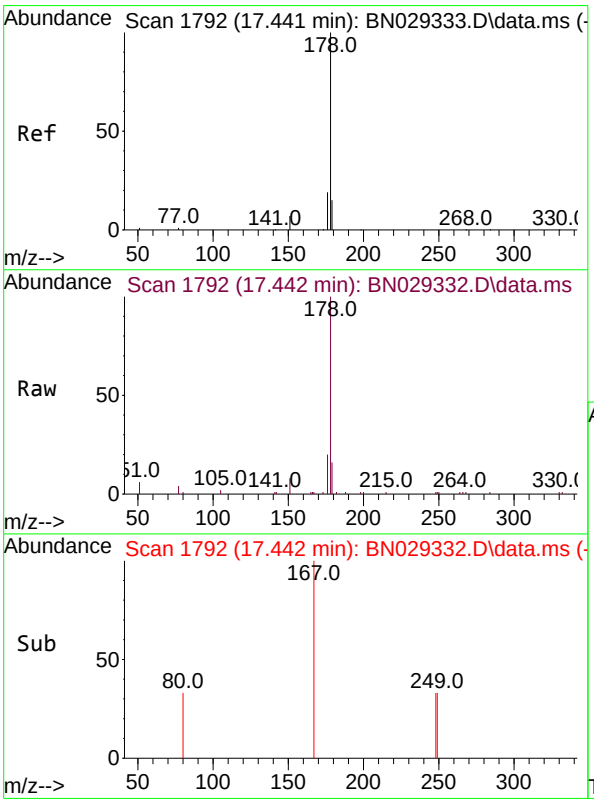
#25
Phenanthrene
Concen: 0.205 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 7613

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.4	18.6

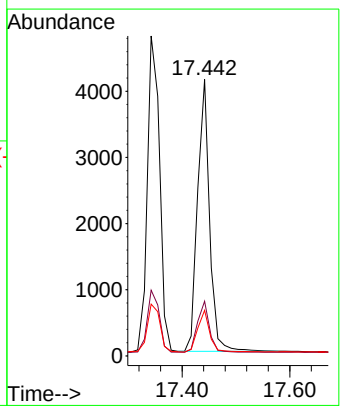


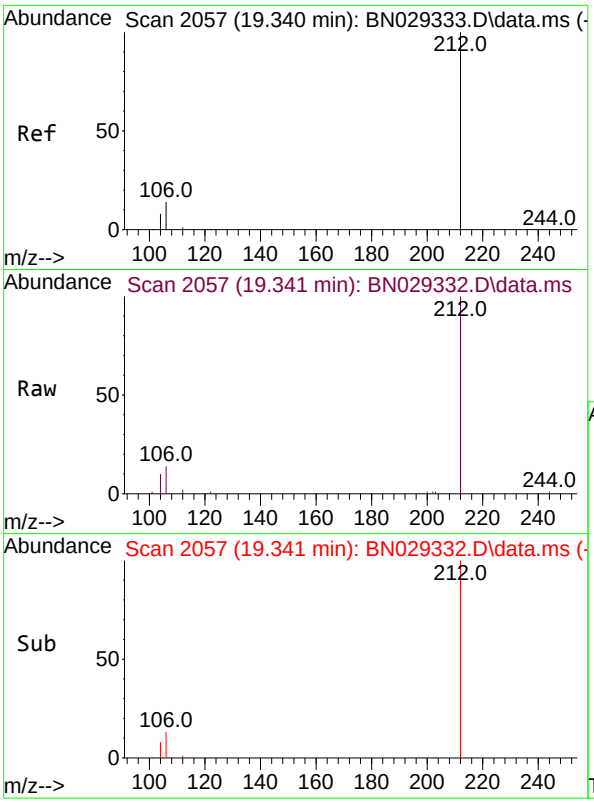


#26
Anthracene
Concen: 0.195 ng
RT: 17.442 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:178 Resp: 6345

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



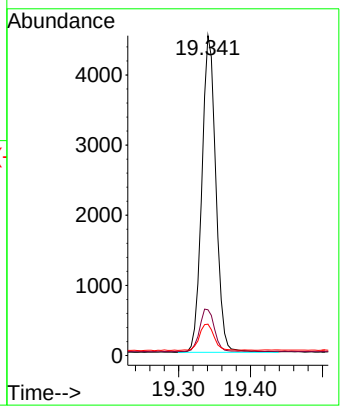


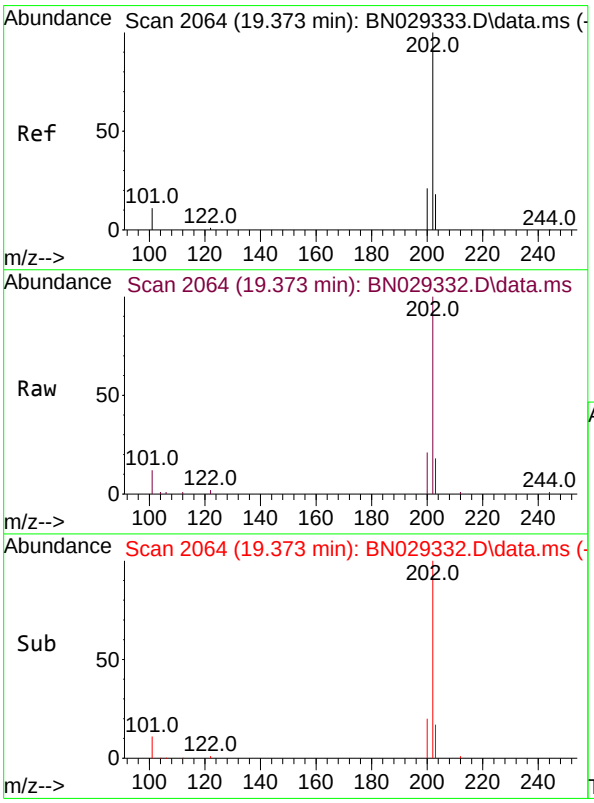
#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.341 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 6130

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.4	17.0
104	8.6	6.8	10.2

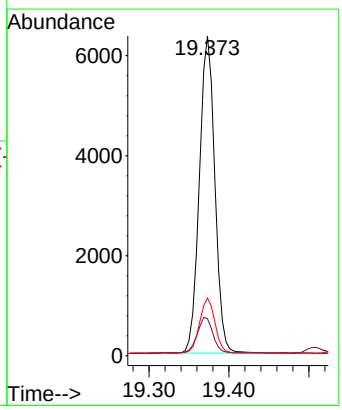


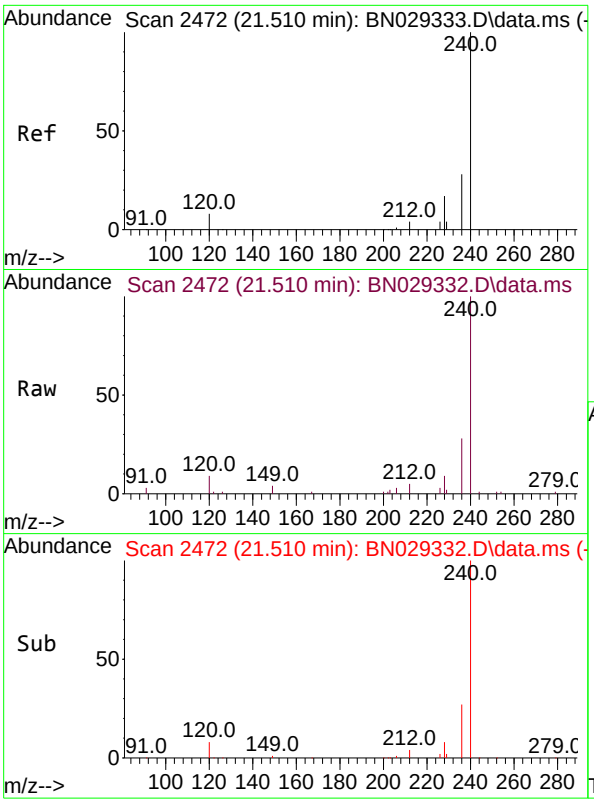


#28
Fluoranthene
Concen: 0.187 ng
RT: 19.373 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:202 Resp: 8514

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.4
203	17.2	13.8	20.8



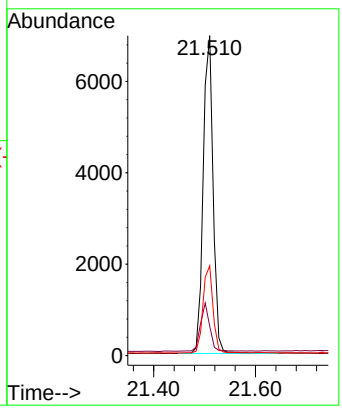


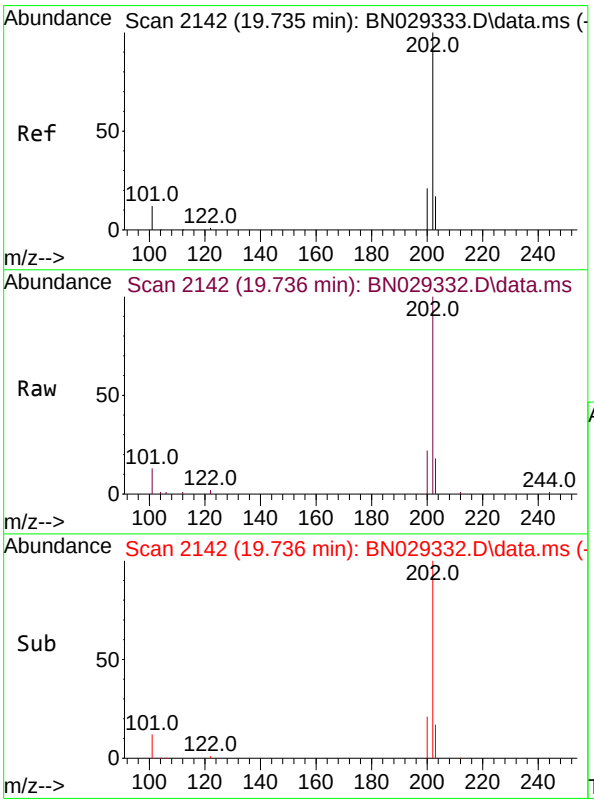
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 9372

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	28.1	23.0	34.4

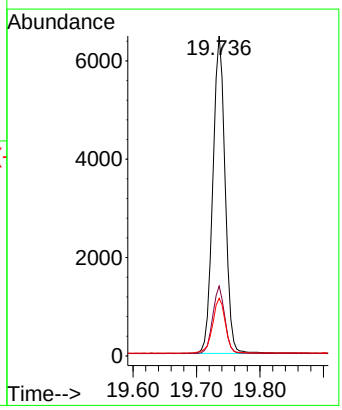


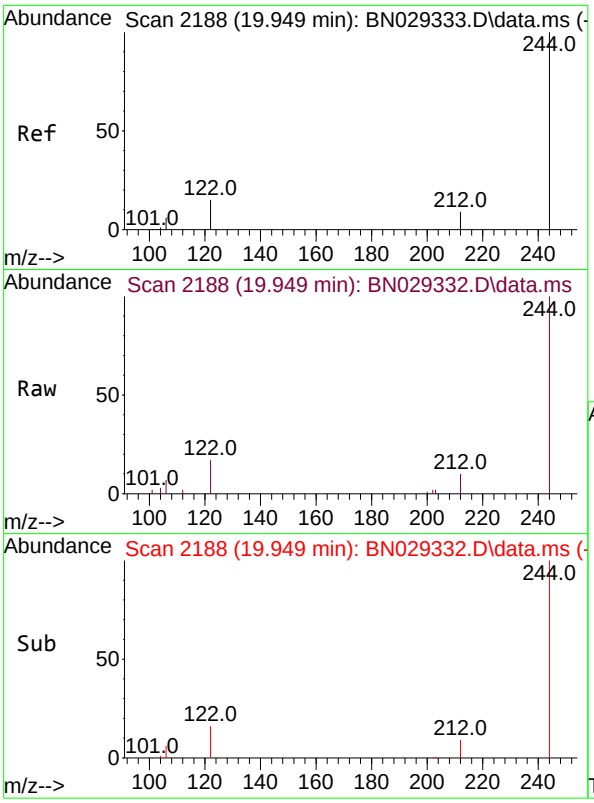


#30
Pyrene
Concen: 0.219 ng
RT: 19.736 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:202 Resp: 8652

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.0	14.1	21.1



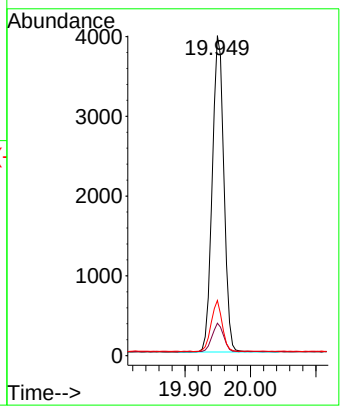


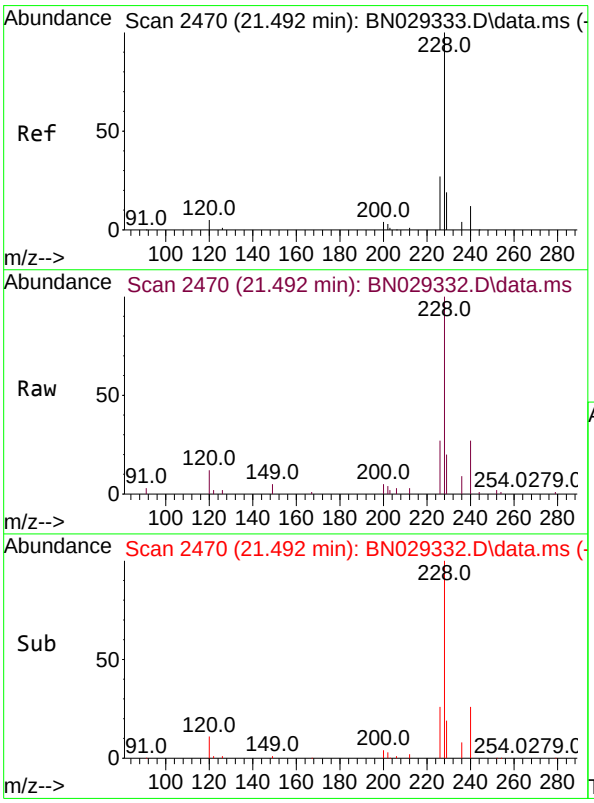
#31
Terphenyl-d14
Concen: 0.208 ng
RT: 19.949 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 4895

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.6	11.4
122	17.2	12.8	19.2

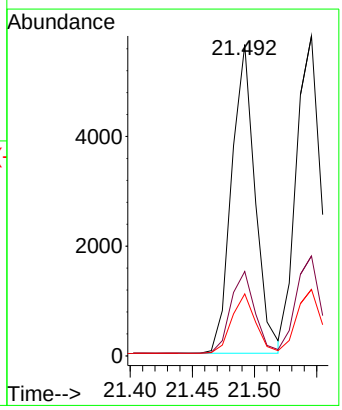


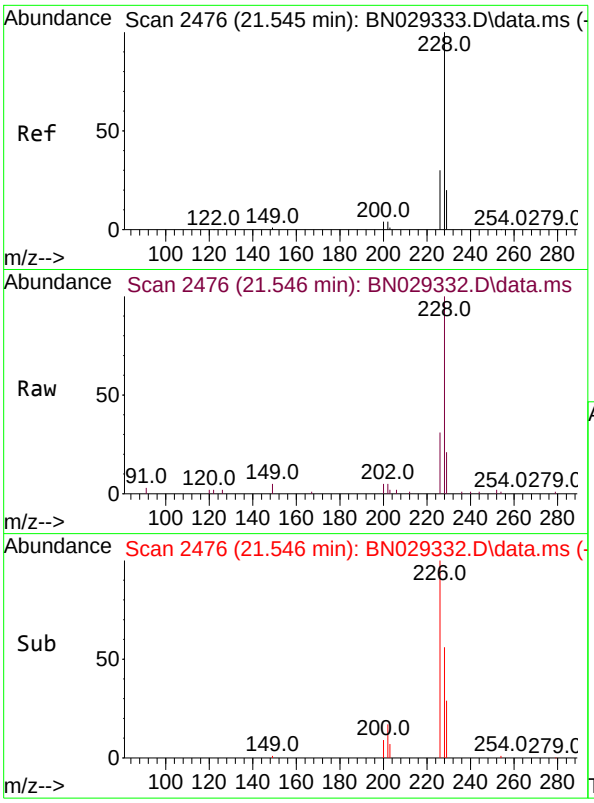


#32
Benzo(a)anthracene
Concen: 0.205 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:228 Resp: 7402

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.9	15.6	23.4



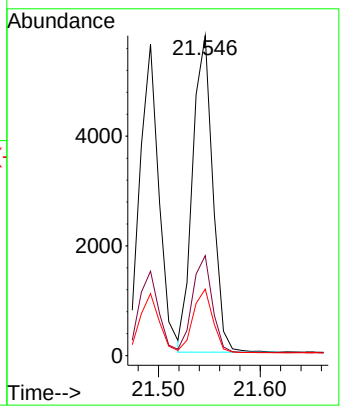


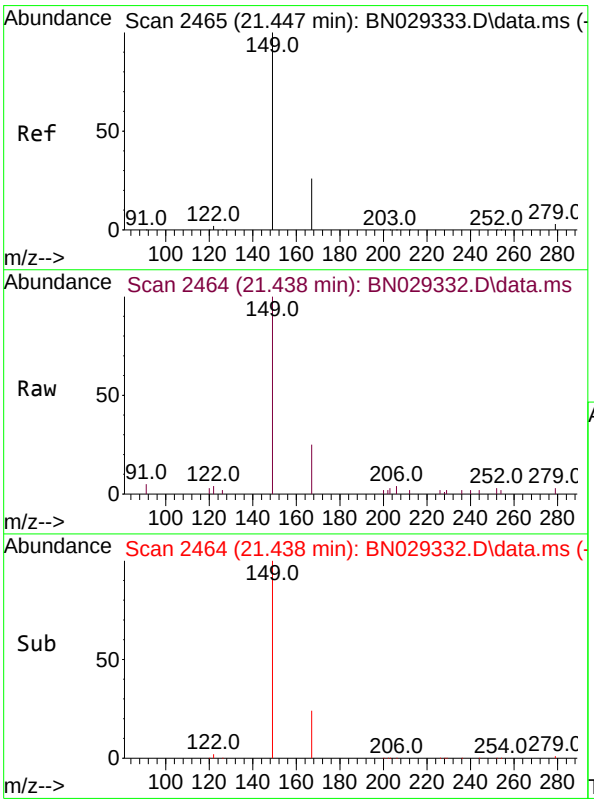
#33
Chrysene
Concen: 0.205 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 7924

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	20.8	16.1	24.1

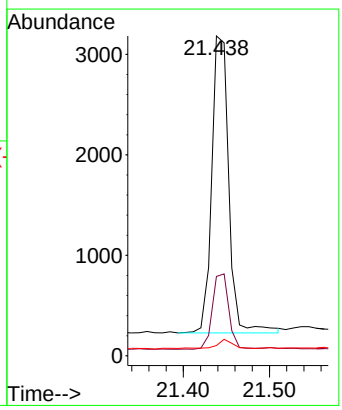


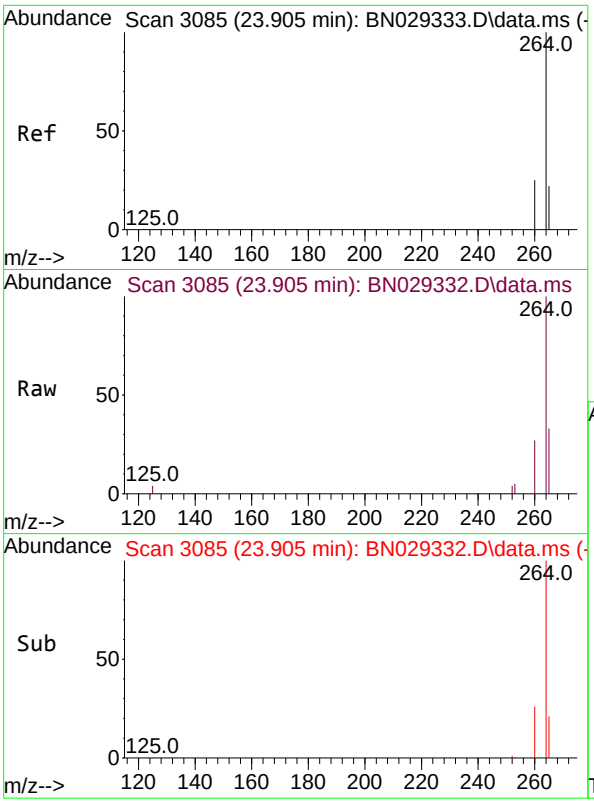


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.249 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:149 Resp: 4059

Ion	Ratio	Lower	Upper
149	100		
167	24.4	19.9	29.9
279	3.6	2.2	3.4#



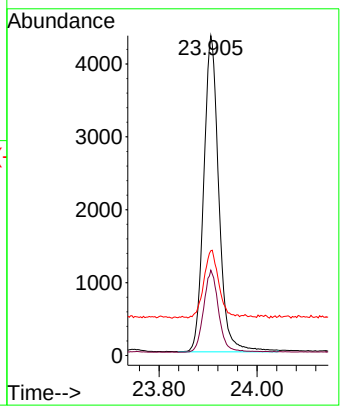


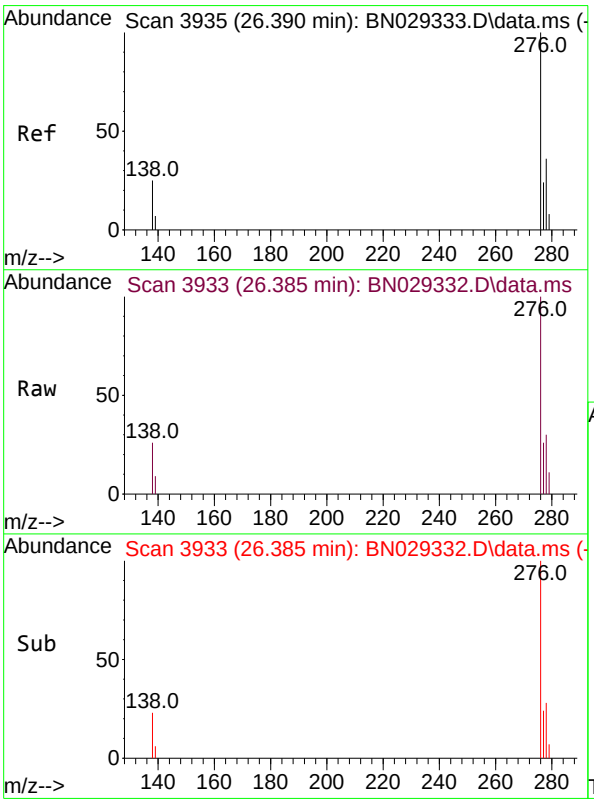
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.905 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 9290

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.6	31.0
265	32.8	24.8	37.2

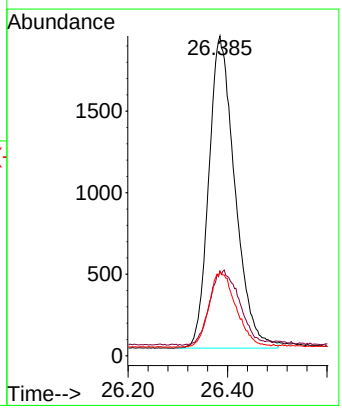


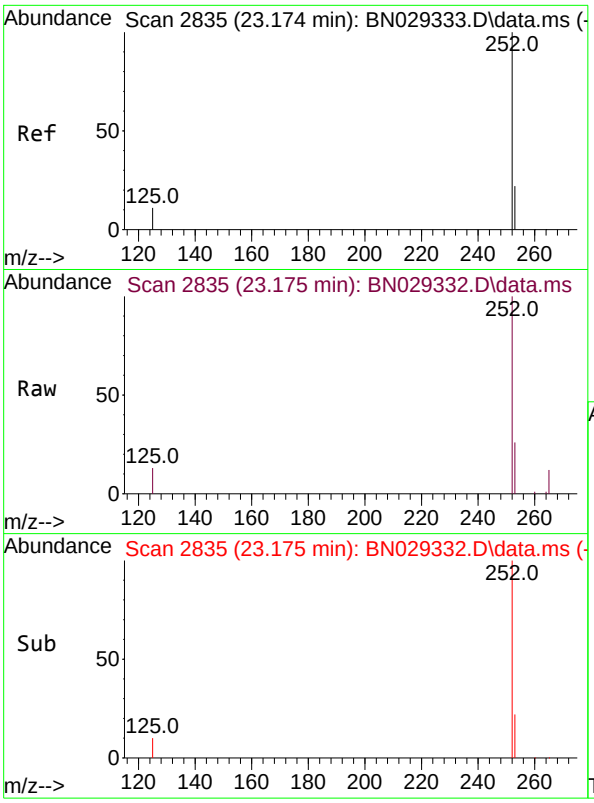


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng
RT: 26.385 min Scan# 3933
Delta R.T. -0.005 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:276 Resp: 6986

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.9	32.9
277	25.2	19.9	29.9



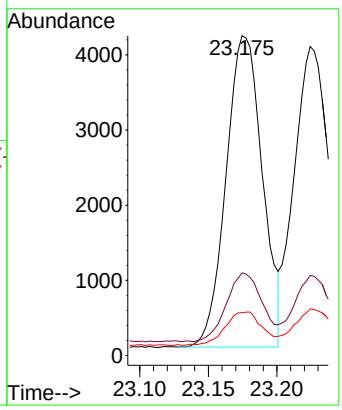


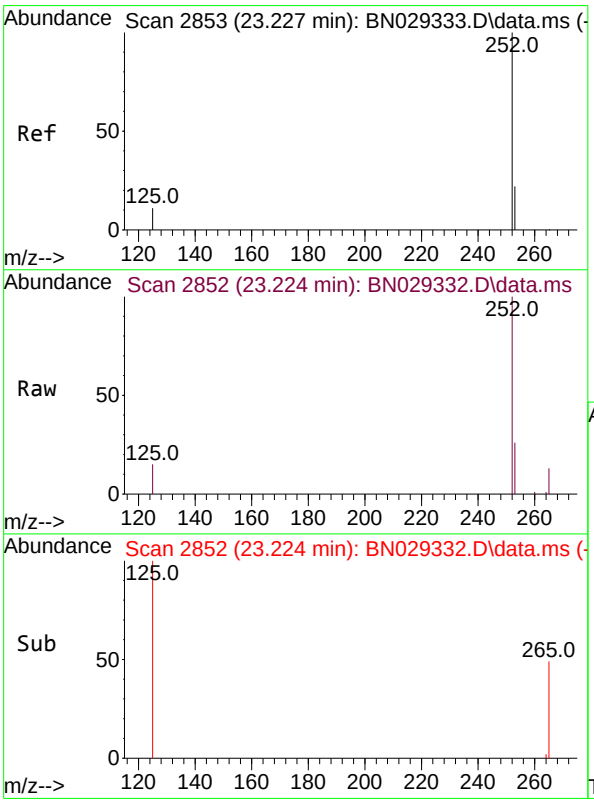
#37
Benzo(b)fluoranthene
Concen: 0.195 ng
RT: 23.175 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 7637

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	13.4	9.7	14.5

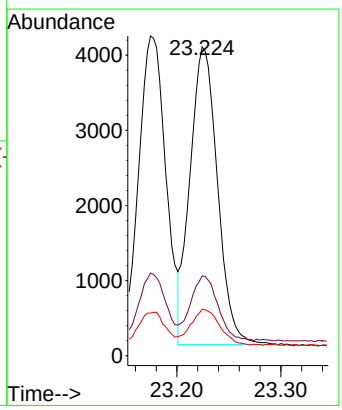


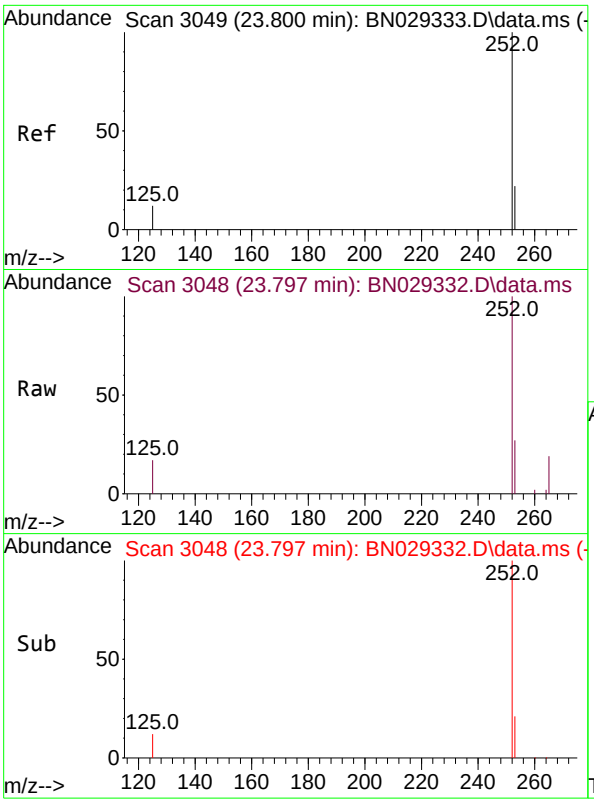


#38
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 23.224 min Scan# 2852
Delta R.T. -0.002 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:252 Resp: 7282

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.8	28.2
125	15.1	9.7	14.5#



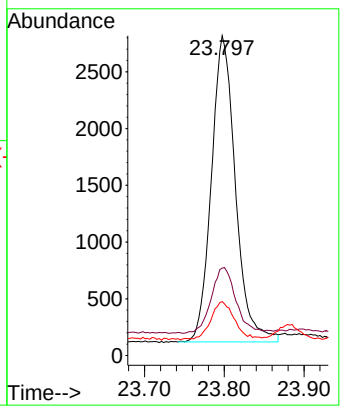


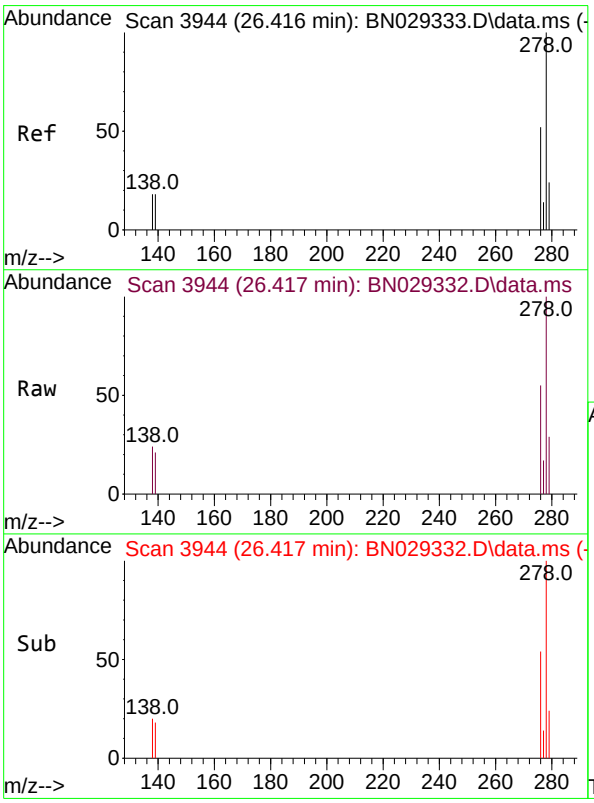
#39
Benzo(a)pyrene
Concen: 0.180 ng
RT: 23.797 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5658

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.6	29.4
125	16.8	11.6	17.4

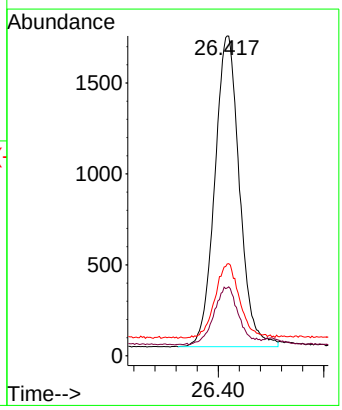


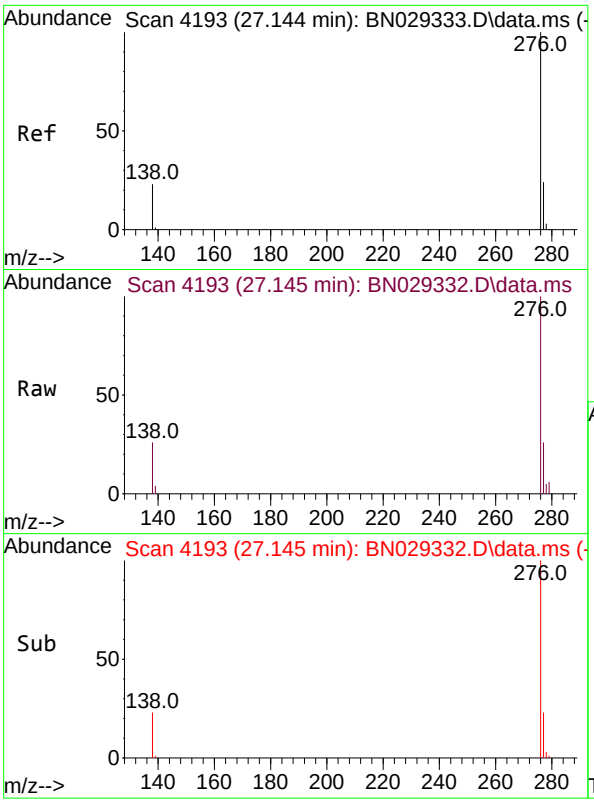


#40
Dibenzo(a,h)anthracene
Concen: 0.166 ng
RT: 26.417 min Scan# 3944
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Tgt Ion:278 Resp: 5565

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.7	23.5
279	28.7	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.177 ng
RT: 27.145 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN029332.D
Acq: 22 Jan 2024 15:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6260

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.8
138	25.9	19.5	29.3