Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035371.D
Acq On : 28 Nov 2024 06:39
Operator : RC/JU
Sample : PB165198BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Quant Time: Nov 28 07:04:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	2376	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	5724	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	3806	0.400	ng		0.00
19) Phenanthrene-d10	16.735	188	9566	0.400	ng		0.00
29) Chrysene-d12	20.974	240	8948	0.400	ng		0.00
35) Perylene-d12	23.070	264	9280	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	2117	0.356	ng		0.00
5) Phenol-d6	6.513	99	2409	0.337	ng		0.00
8) Nitrobenzene-d5	8.440	82	1590	0.455	ng		0.00
11) 2-Methylnaphthalene-d10	11.656	152	4544	0.507	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	658	0.244	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	6011	0.418	ng		0.00
27) Fluoranthene-d10	18.784	212	10713	0.395	ng		0.00
31) Terphenyl-d14	19.412	244	7957	0.451	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	783	0.345	ng	#	72
3) n-Nitrosodimethylamine	3.292	42	727	0.384	ng	#	97
6) bis(2-Chloroethyl)ether	6.759	93	2213	0.368	ng		99
9) Naphthalene	10.105	128	5692	0.377	ng		99
10) Hexachlorobutadiene	10.404	225	1371	0.394	ng	#	100
12) 2-Methylnaphthalene	11.732	142	3934	0.364	ng		99
16) Acenaphthylene	13.678	152	6299	0.394	ng		100
17) Acenaphthene	14.031	154	4018	0.379	ng		99
18) Fluorene	15.026	166	5740	0.378	ng		98
20) 4,6-Dinitro-2-methylph...	15.132	198	344	0.366	ng		96
21) 4-Bromophenyl-phenylether	15.941	248	2102	0.376	ng		97
22) Hexachlorobenzene	16.040	284	2466	0.375	ng		99
23) Atrazine	16.227	200	1420	0.357	ng		97
24) Pentachlorophenol	16.400	266	828	0.290	ng	#	84
25) Phenanthrene	16.773	178	10055	0.383	ng		100
26) Anthracene	16.860	178	9171	0.386	ng		100
28) Fluoranthene	18.812	202	12304	0.347	ng		100
30) Pyrene	19.179	202	12695	0.384	ng		100
32) Benzo(a)anthracene	20.956	228	11626	0.371	ng		100
33) Chrysene	21.009	228	12682	0.393	ng		100
34) Bis(2-ethylhexyl)phtha...	20.929	149	4303	0.348	ng		100
36) Indeno(1,2,3-cd)pyrene	25.108	276	14123	0.389	ng		99
37) Benzo(b)fluoranthene	22.456	252	12457	0.367	ng		99
38) Benzo(k)fluoranthene	22.497	252	13182	0.394	ng		99
39) Benzo(a)pyrene	22.980	252	11277	0.403	ng		99
40) Dibenzo(a,h)anthracene	25.128	278	10990	0.384	ng		99
41) Benzo(g,h,i)perylene	25.725	276	10607	0.355	ng		99

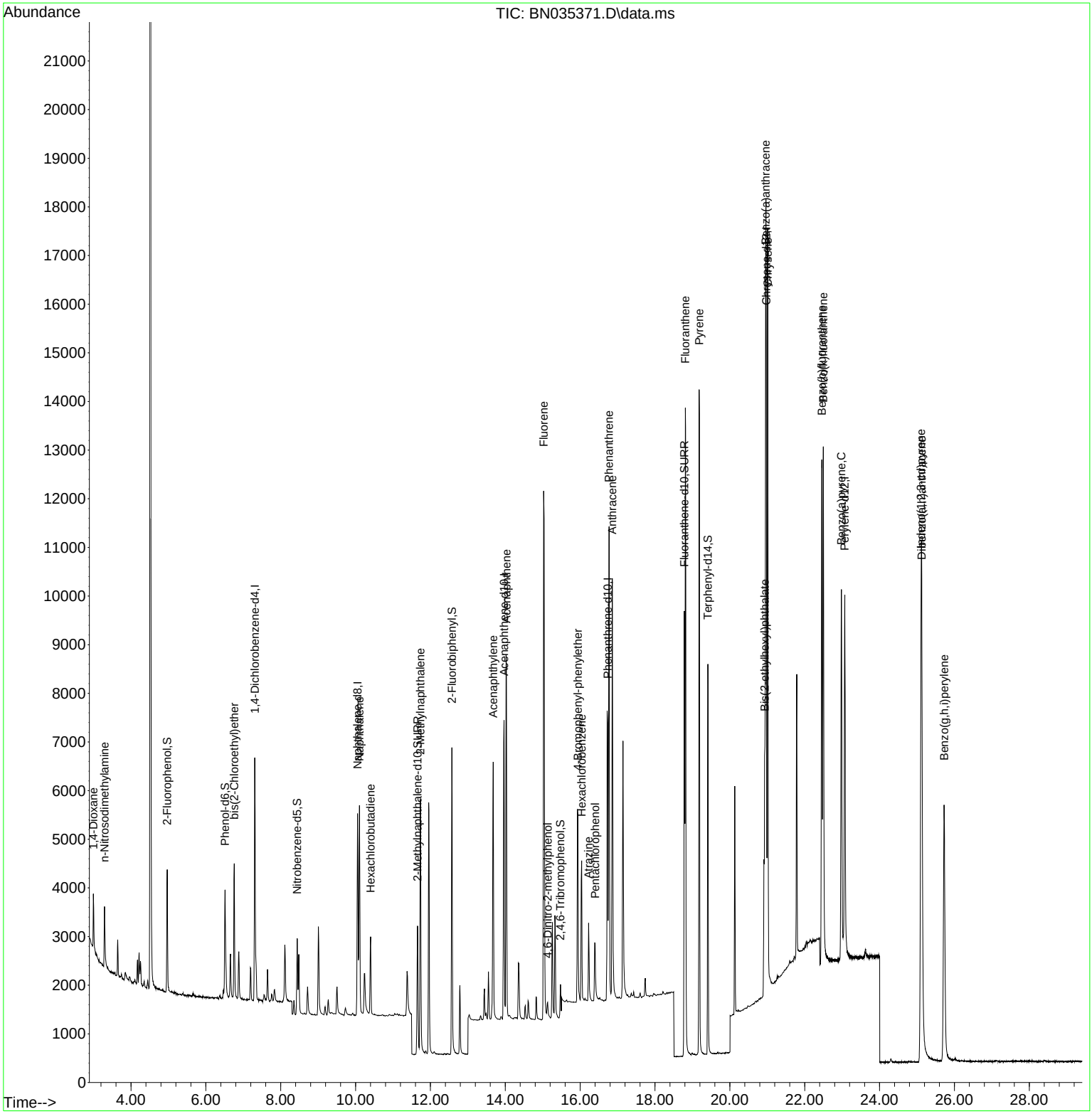
(#) = qualifier out of range (m) = manual integration (+) = signals summed

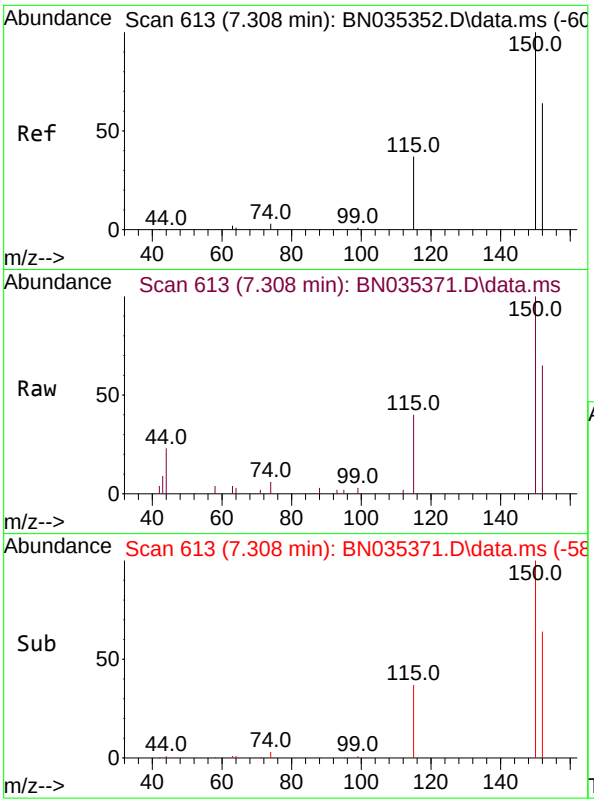
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035371.D
Acq On : 28 Nov 2024 06:39
Operator : RC/JU
Sample : PB165198BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Quant Time: Nov 28 07:04:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration



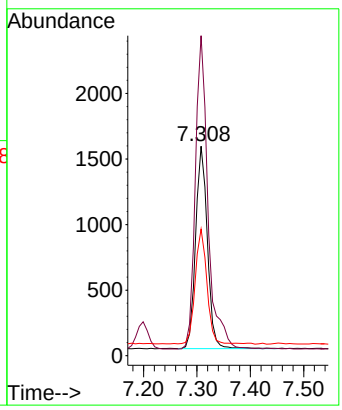


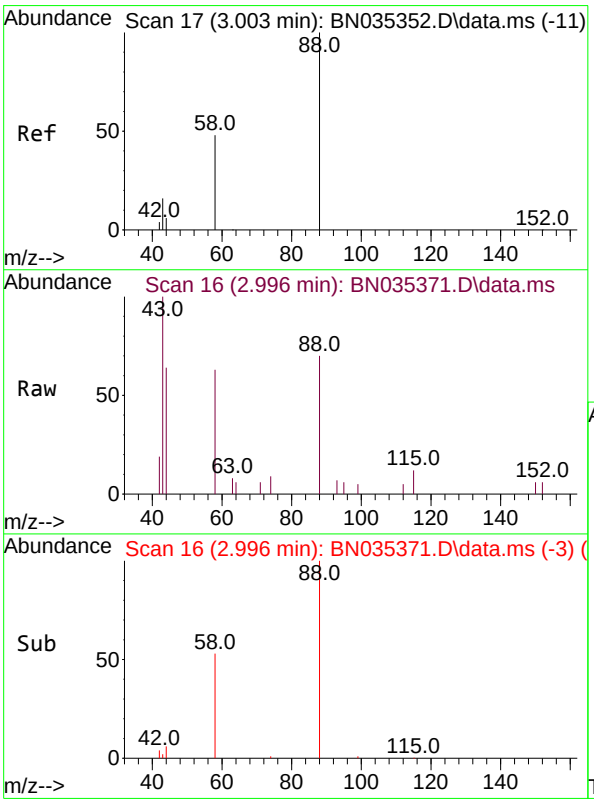
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.308 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:152 Resp: 2376

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.0	186.0
115	60.4	49.6	74.4

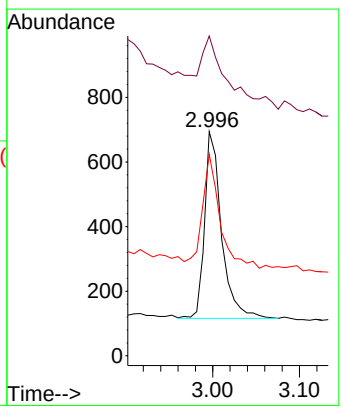


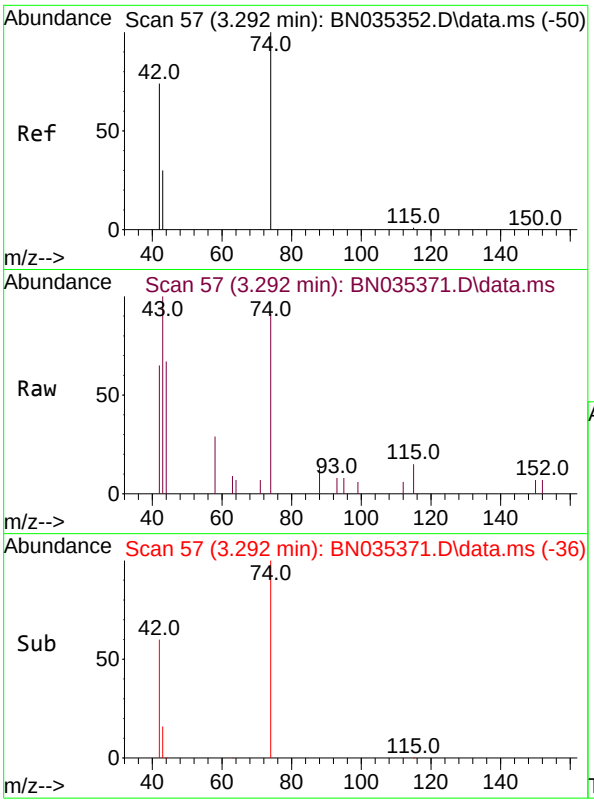


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion: 88 Resp: 783

Ion	Ratio	Lower	Upper
88	100		
43	58.7	17.2	25.8#
58	62.1	44.5	66.7



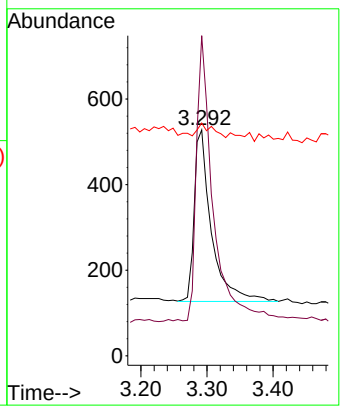


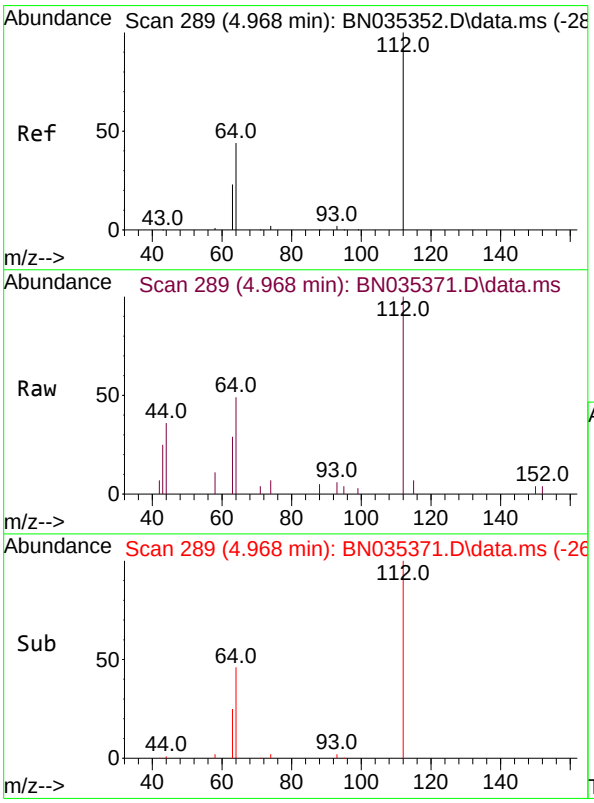
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.292 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion: 42 Resp: 727

Ion	Ratio	Lower	Upper
42	100		
74	159.8	124.9	187.3
44	7.0	2.2	3.4#

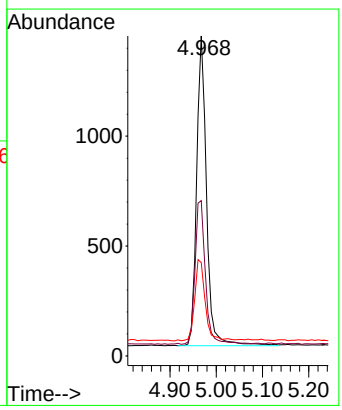


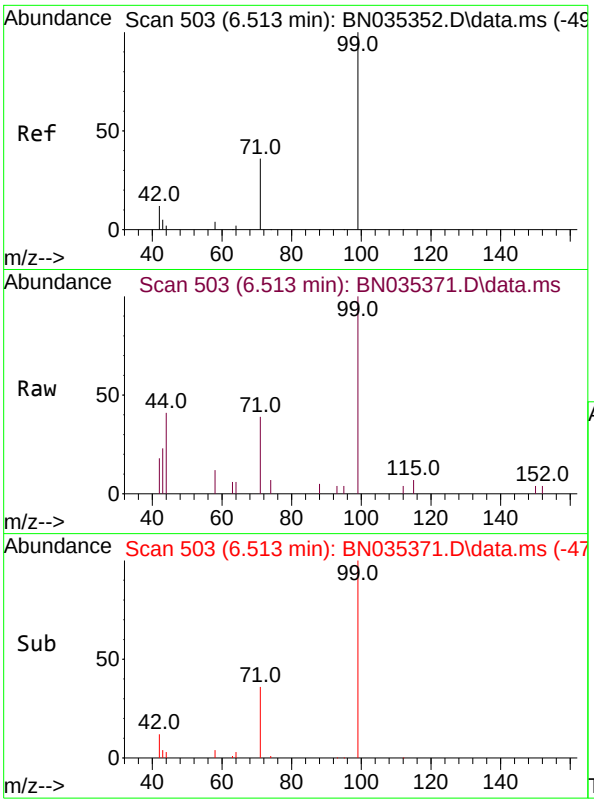


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 4.968 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:112 Resp: 2117

Ion	Ratio	Lower	Upper
112	100		
64	48.9	39.8	59.8
63	27.9	21.0	31.6



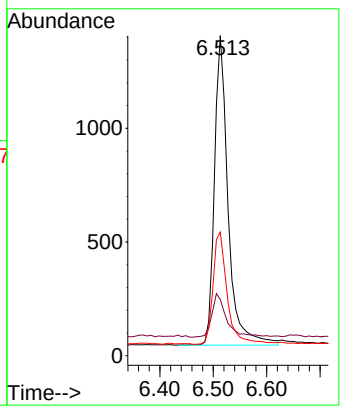


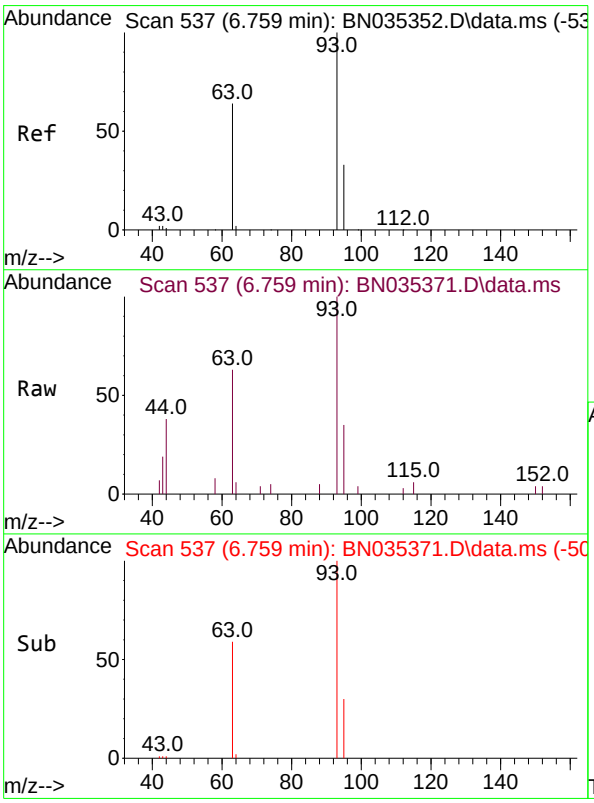
#5
Phenol-d6
Concen: 0.337 ng
RT: 6.513 min Scan# 5(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion: 99 Resp: 2409

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.4	17.2
71	37.7	29.3	43.9

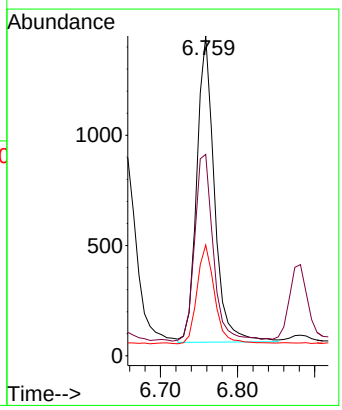


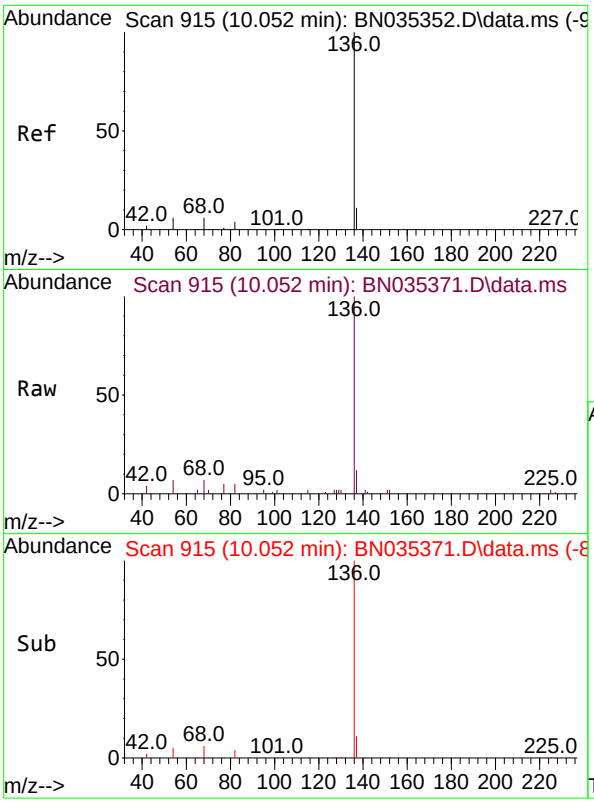


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 6.759 min Scan# 537
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion: 93 Resp: 2213

Ion	Ratio	Lower	Upper
93	100		
63	64.2	50.4	75.6
95	32.2	25.7	38.5



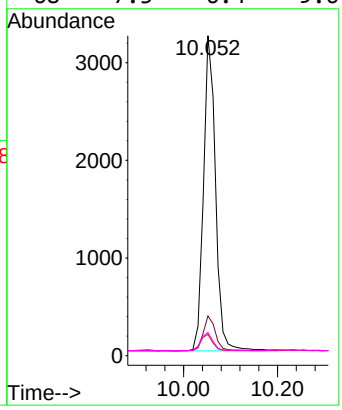


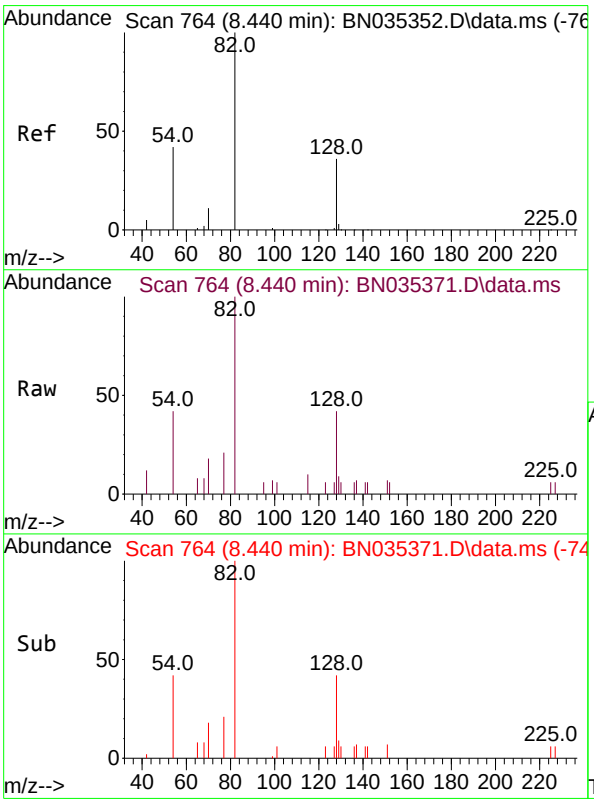
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:136 Resp: 5724

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.2	15.2
54	6.7	6.1	9.1
68	7.3	6.4	9.6

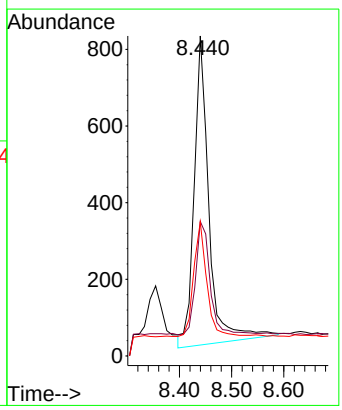


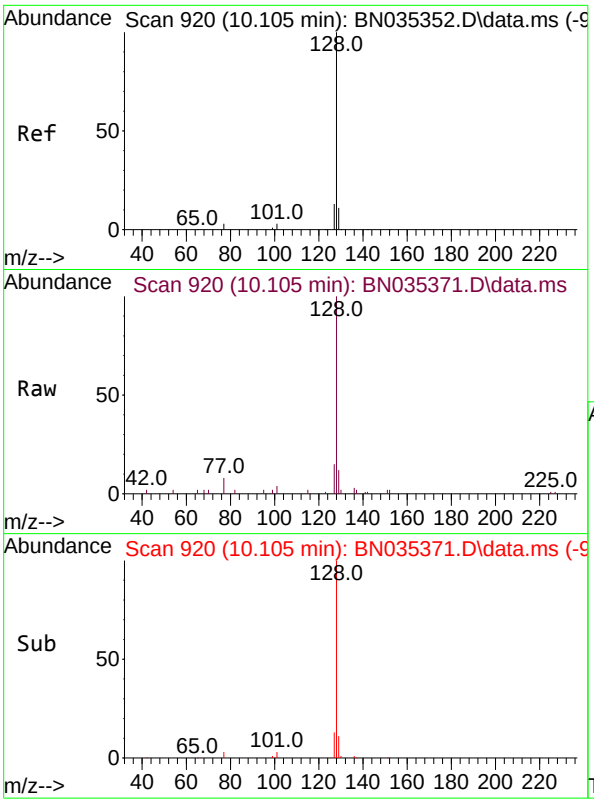


#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 8.440 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion: 82 Resp: 1590

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	41.9	36.7	55.1



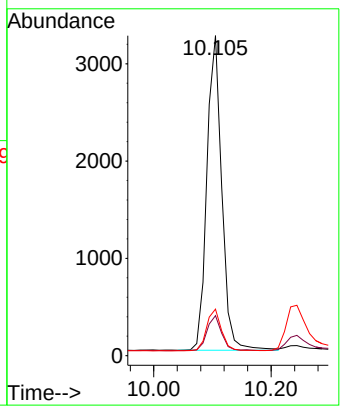


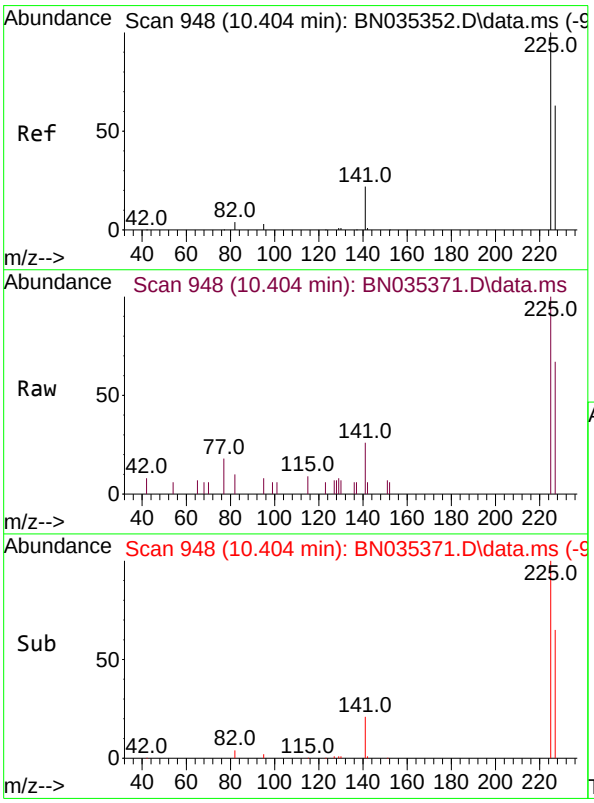
#9
Naphthalene
Concen: 0.377 ng
RT: 10.105 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:128 Resp: 5692

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.5	11.4	17.2

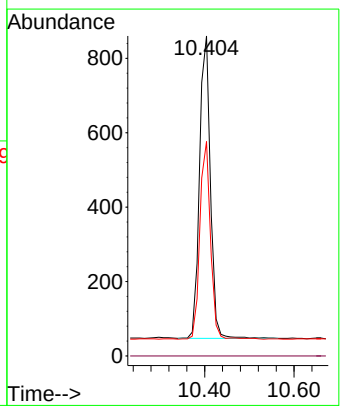


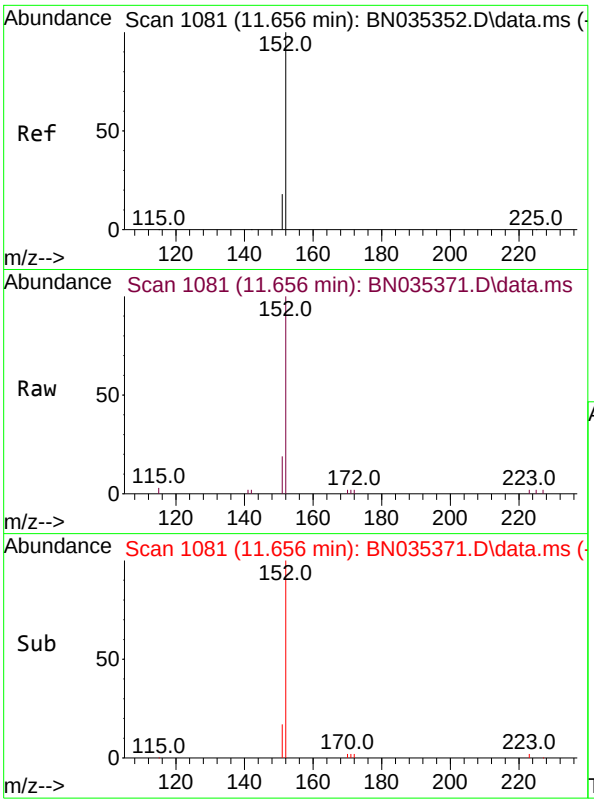


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:225 Resp: 1371

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9



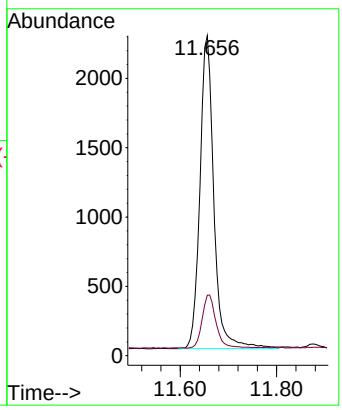


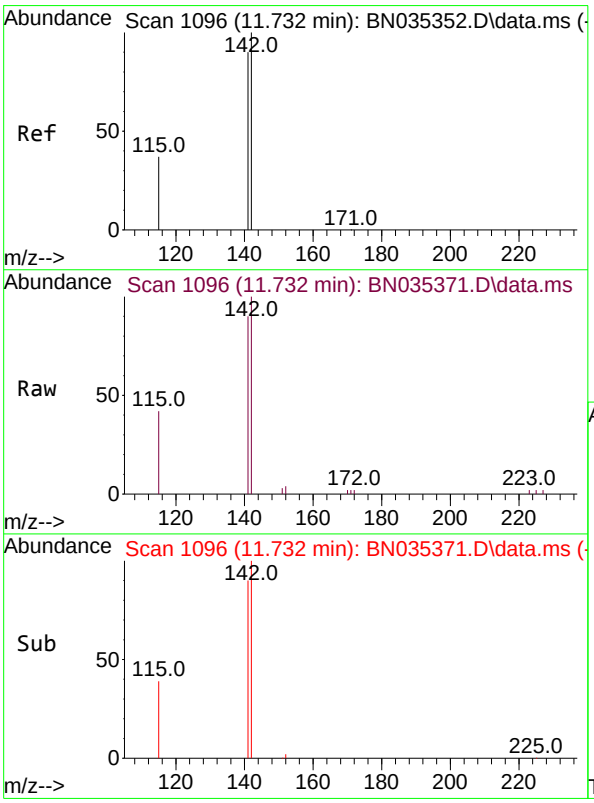
#11
2-Methylnaphthalene-d10
Concen: 0.507 ng
RT: 11.656 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:152 Resp: 4544

Ion	Ratio	Lower	Upper
152	100		
151	16.9	16.6	25.0

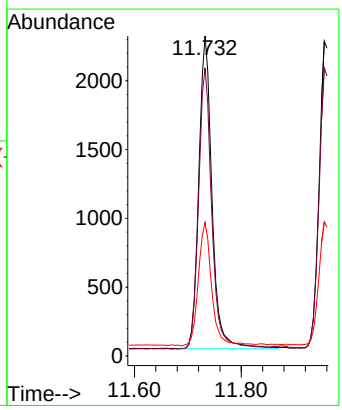


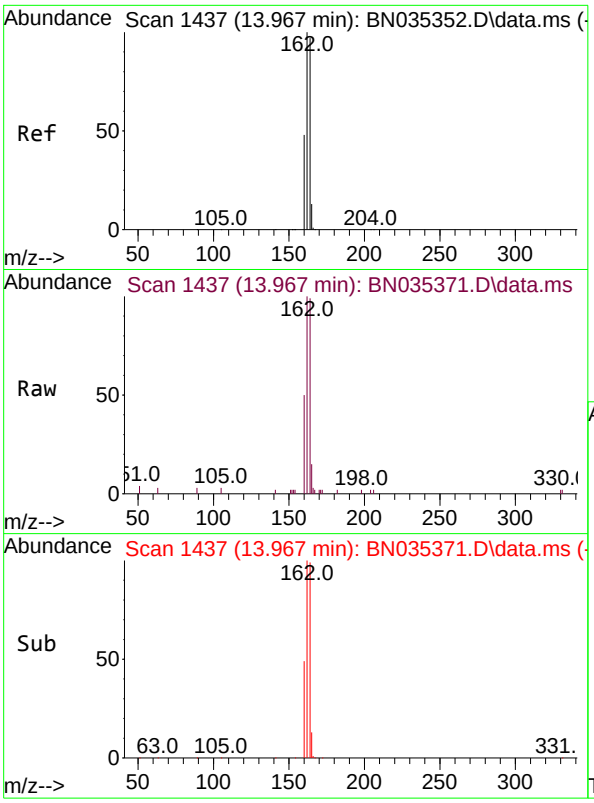


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 11.732 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:142 Resp: 3934

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4
115	41.8	31.4	47.0



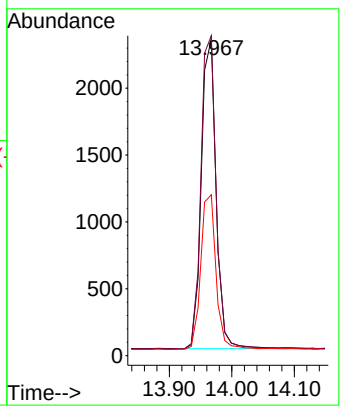


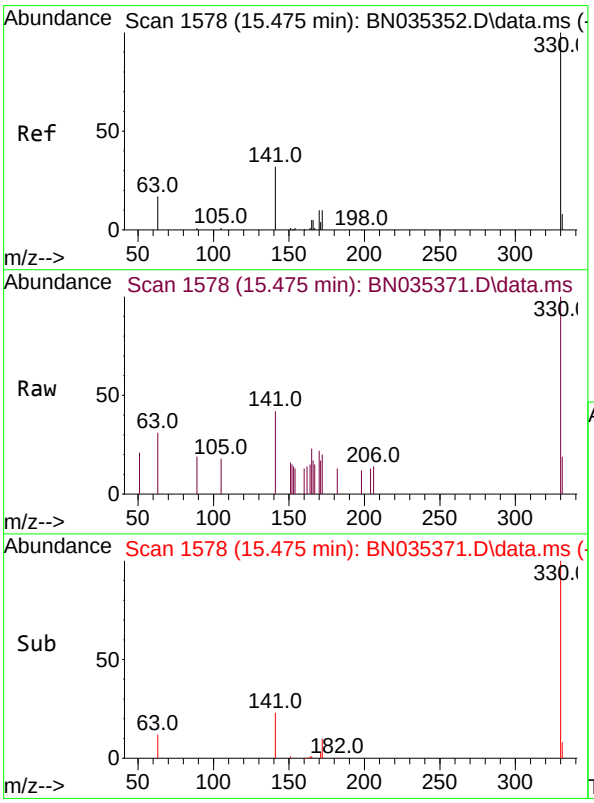
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:164 Resp: 3806

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	50.8	40.1	60.1

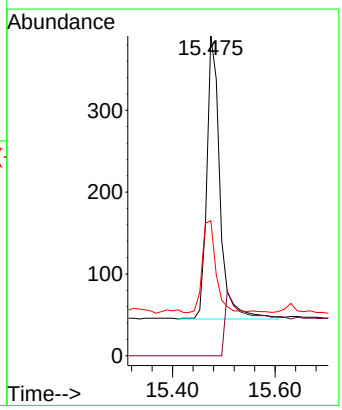


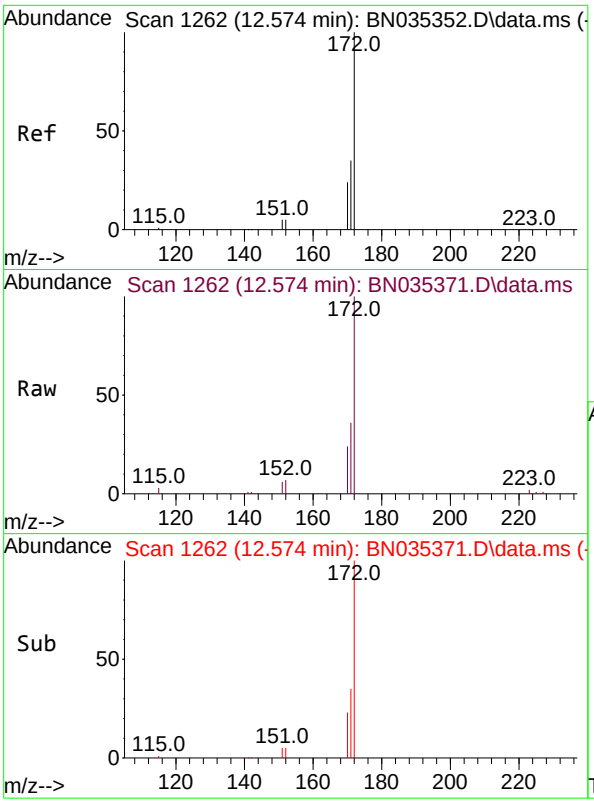


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:330 Resp: 658

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	26.6	40.0



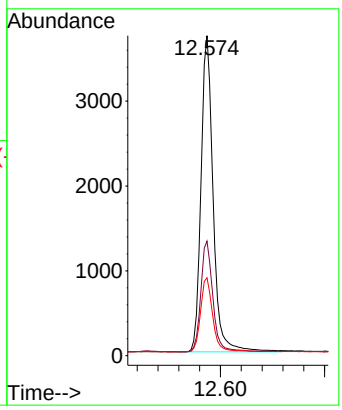


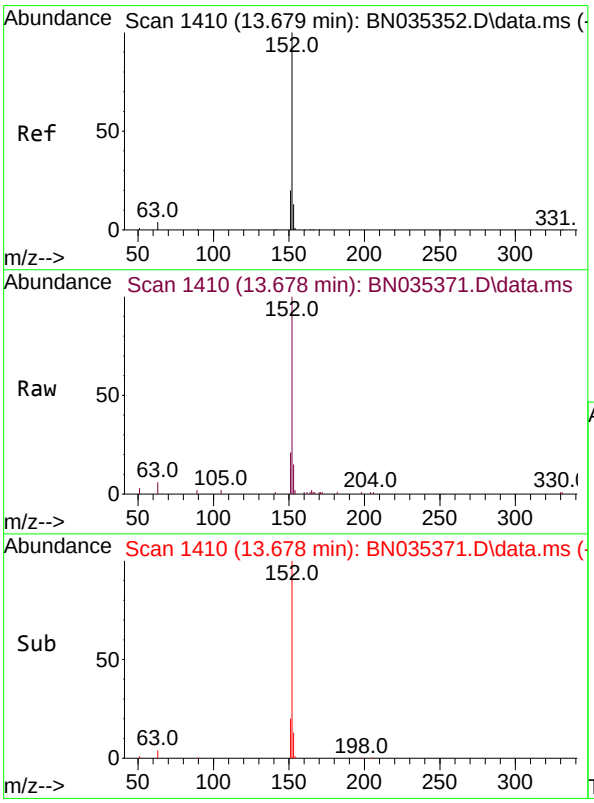
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:172 Resp: 6011

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.3	19.8	29.8

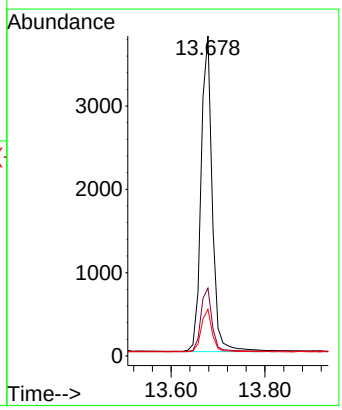


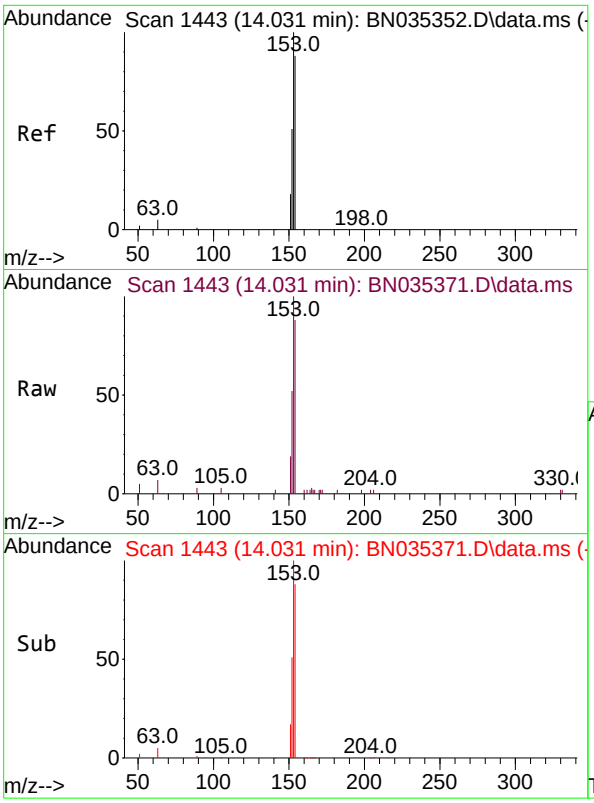


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.678 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:152 Resp: 6299

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.4	15.6



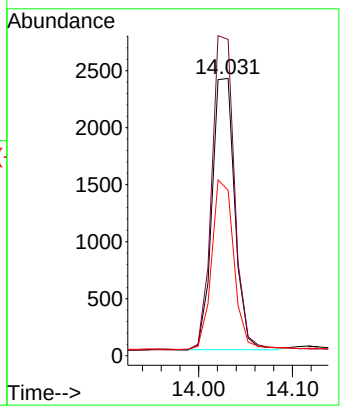


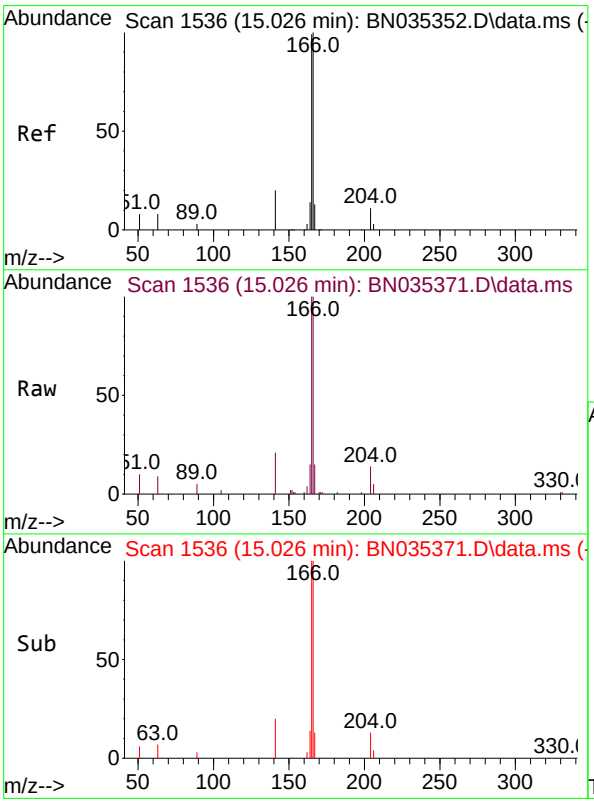
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.031 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:154 Resp: 4018

Ion	Ratio	Lower	Upper
154	100		
153	116.3	92.6	139.0
152	62.2	49.0	73.6

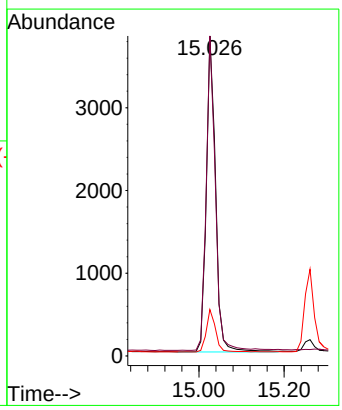


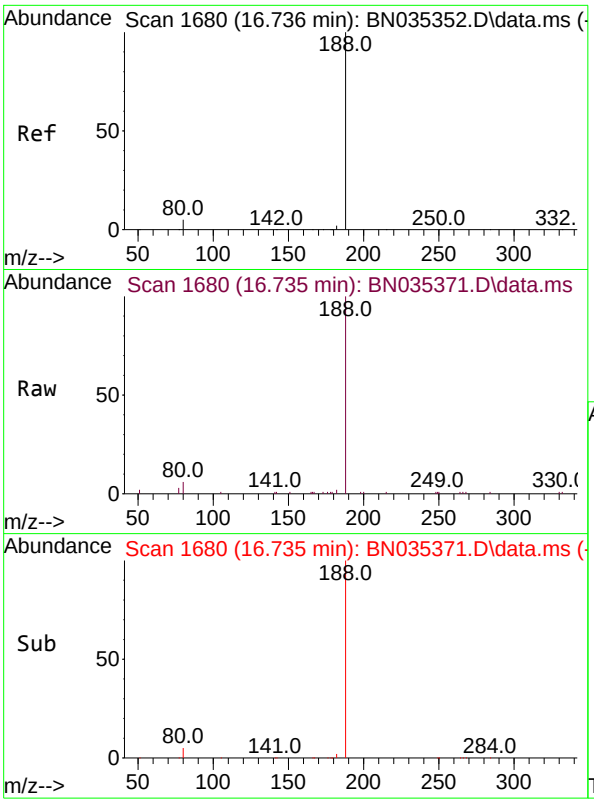


#18
Fluorene
Concen: 0.378 ng
RT: 15.026 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:166 Resp: 5740

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.7	119.5
167	13.5	10.8	16.2



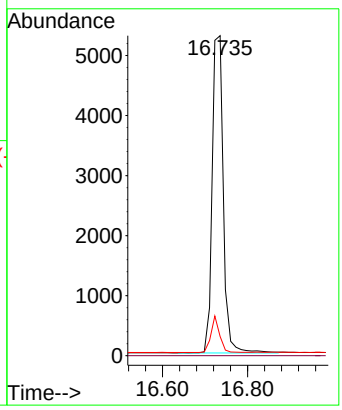


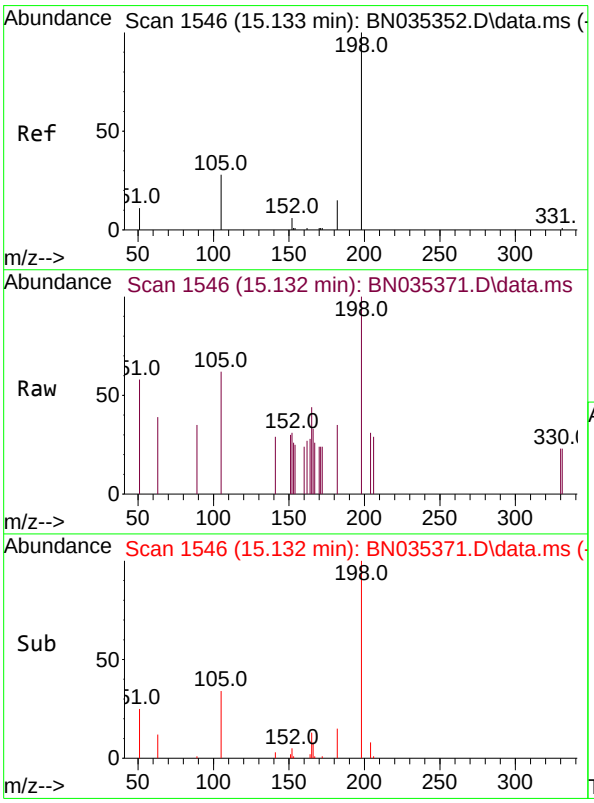
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.735 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:188 Resp: 9566

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	4.6	6.8

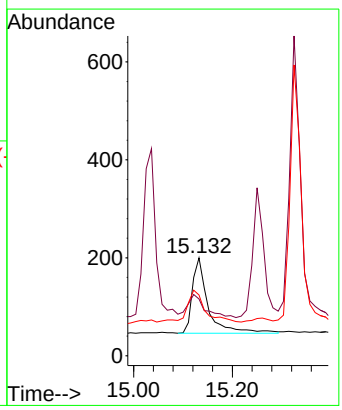


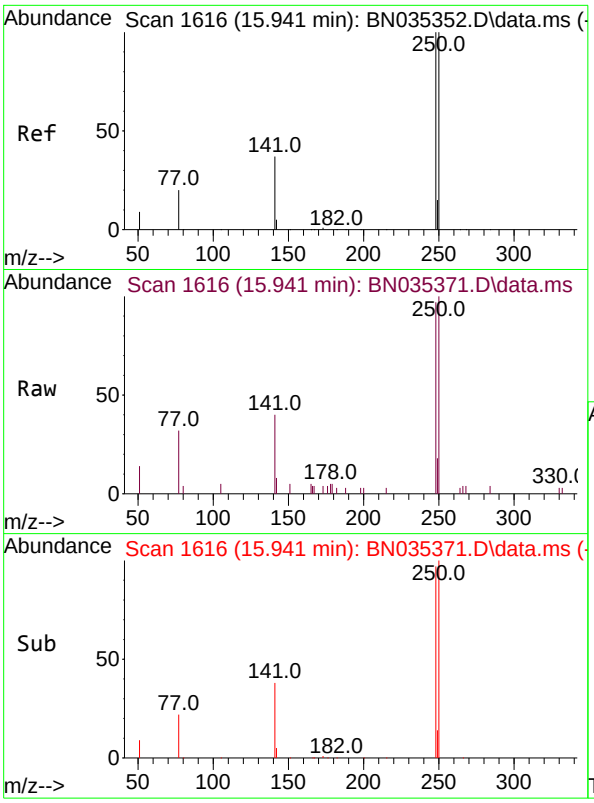


#20
4,6-Dinitro-2-methylphenol
Concen: 0.366 ng
RT: 15.132 min Scan# 1546
Delta R.T. -0.001 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:198 Resp: 344

Ion	Ratio	Lower	Upper
198	100		
51	58.0	46.5	69.7
105	62.0	45.3	67.9



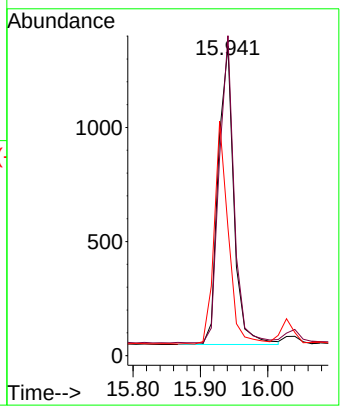


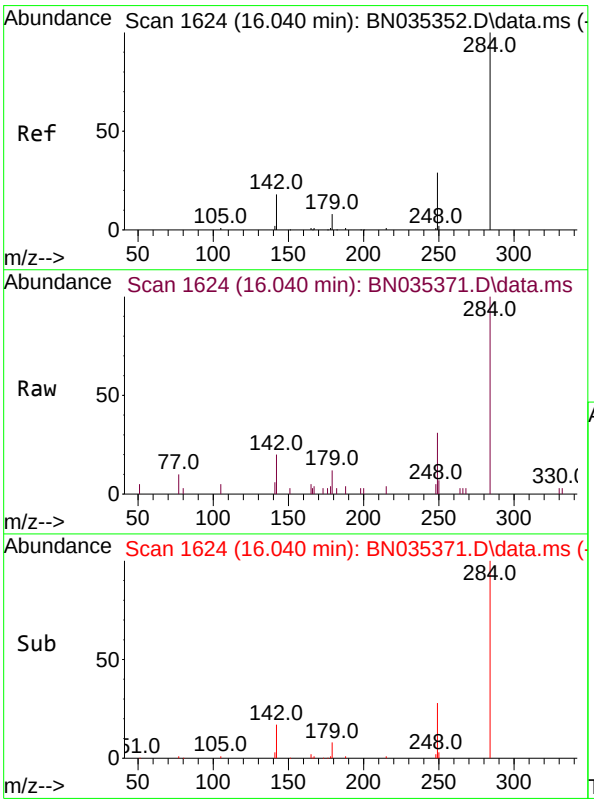
#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 15.941 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:248 Resp: 2102

Ion	Ratio	Lower	Upper
248	100		
250	103.4	80.6	120.8
141	41.4	31.5	47.3

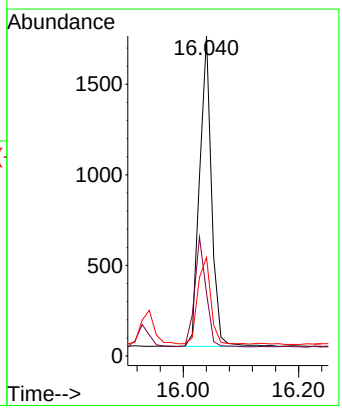


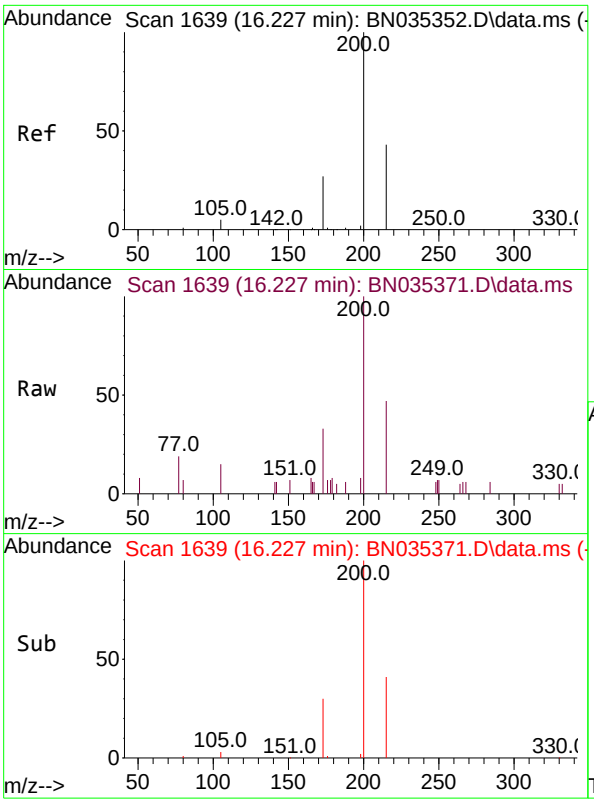


#22
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.040 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:284 Resp: 2466

Ion	Ratio	Lower	Upper
284	100		
142	34.3	26.7	40.1
249	30.7	24.6	36.8



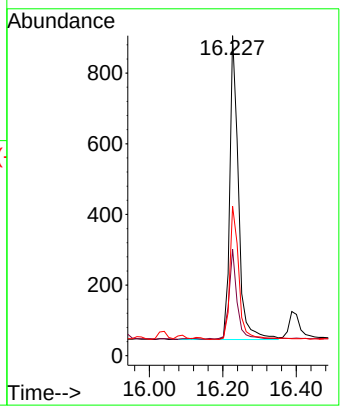


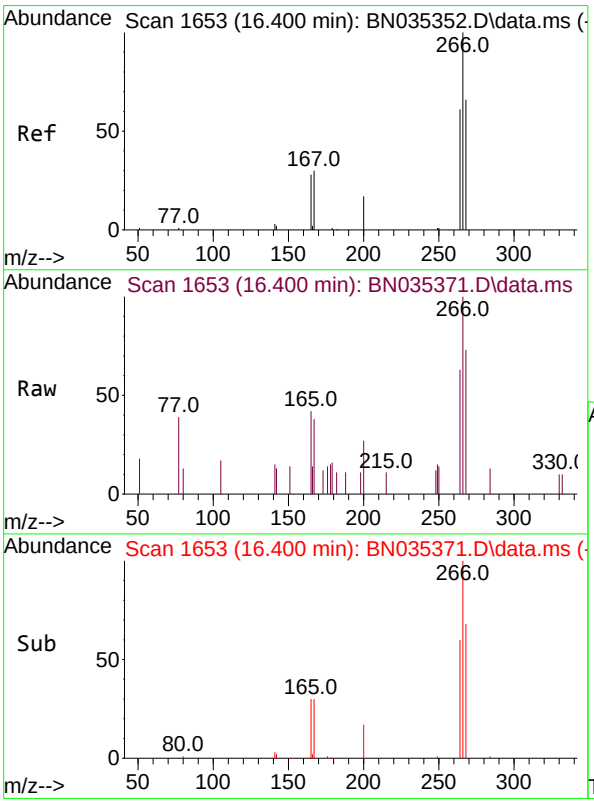
#23
Atrazine
Concen: 0.357 ng
RT: 16.227 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:200 Resp: 1420

Ion	Ratio	Lower	Upper
200	100		
173	33.3	24.1	36.1
215	46.7	36.9	55.3

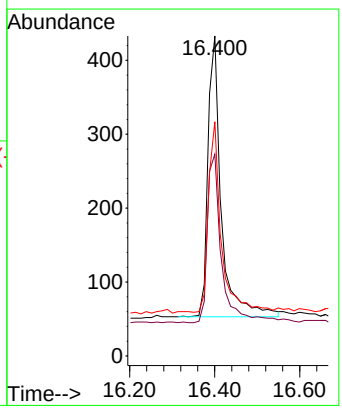


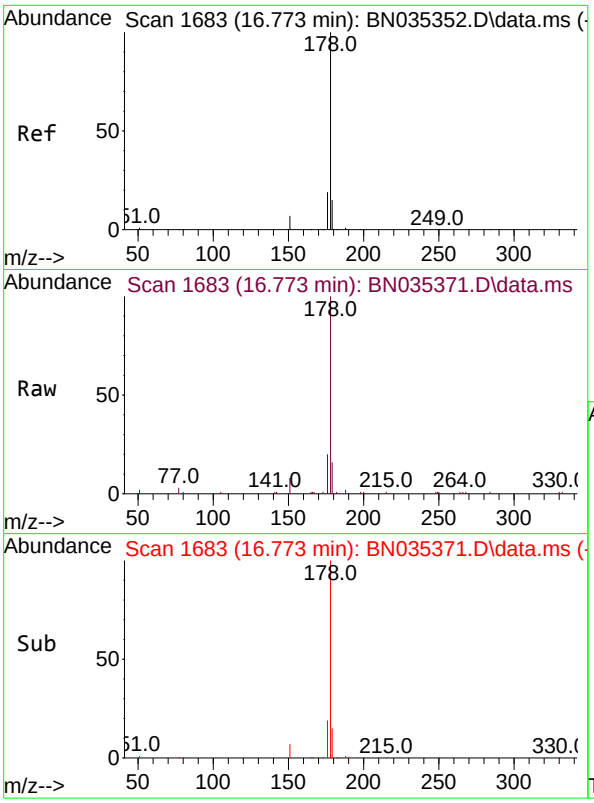


#24
Pentachlorophenol
Concen: 0.290 ng
RT: 16.400 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:266 Resp: 828

Ion	Ratio	Lower	Upper
266	100		
264	63.5	42.3	63.5#
268	65.7	43.3	64.9#



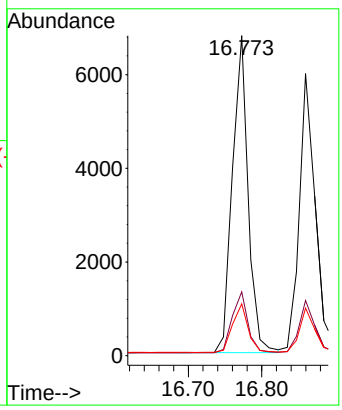


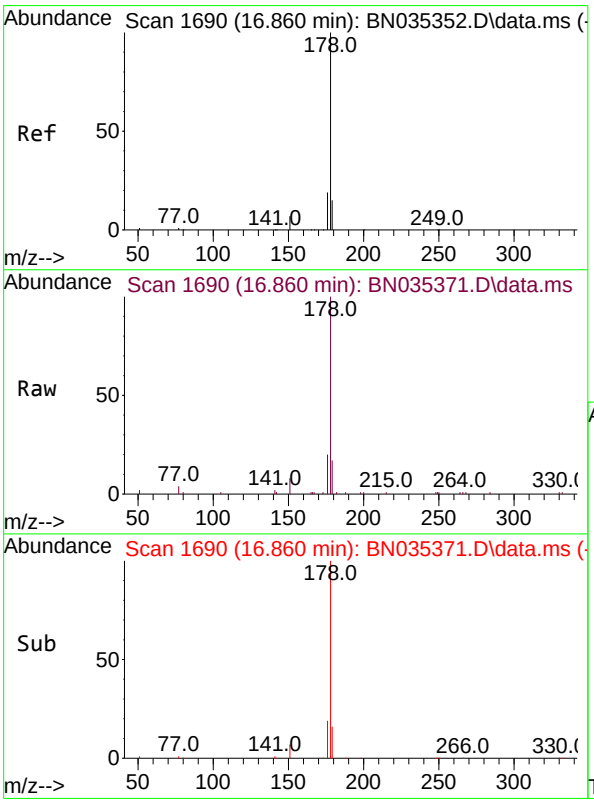
#25
Phenanthrene
Concen: 0.383 ng
RT: 16.773 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:178 Resp: 10055

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.3	18.5

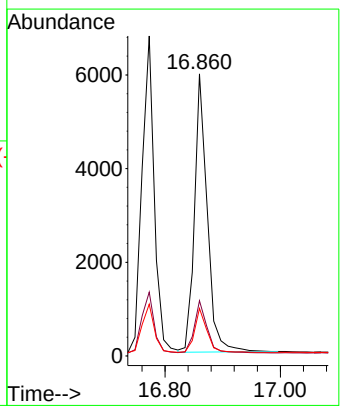


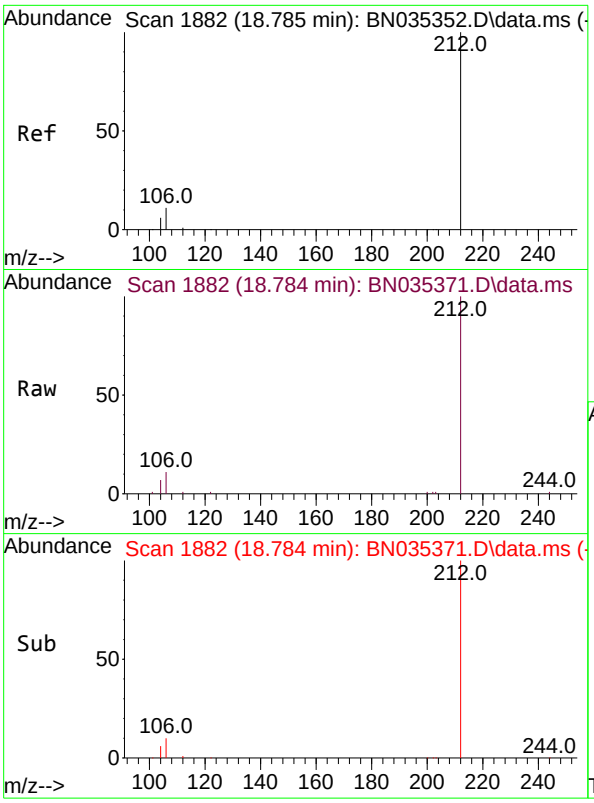


#26
Anthracene
Concen: 0.386 ng
RT: 16.860 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:178 Resp: 9171

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.6	18.8



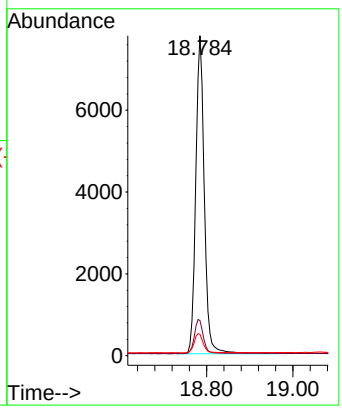


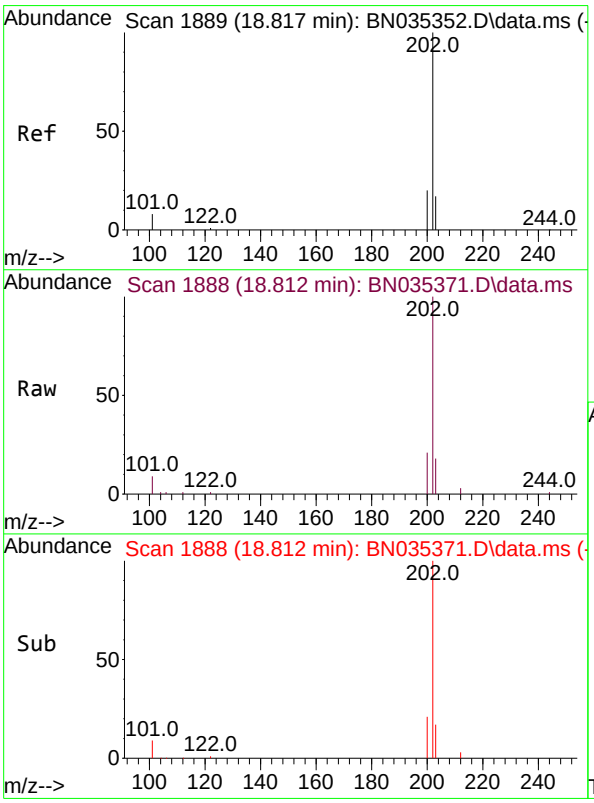
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 18.784 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:212 Resp: 10713

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.2	13.8
104	6.3	5.3	7.9

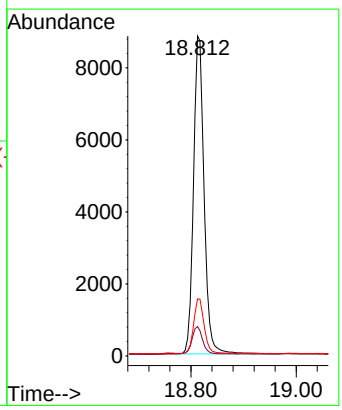


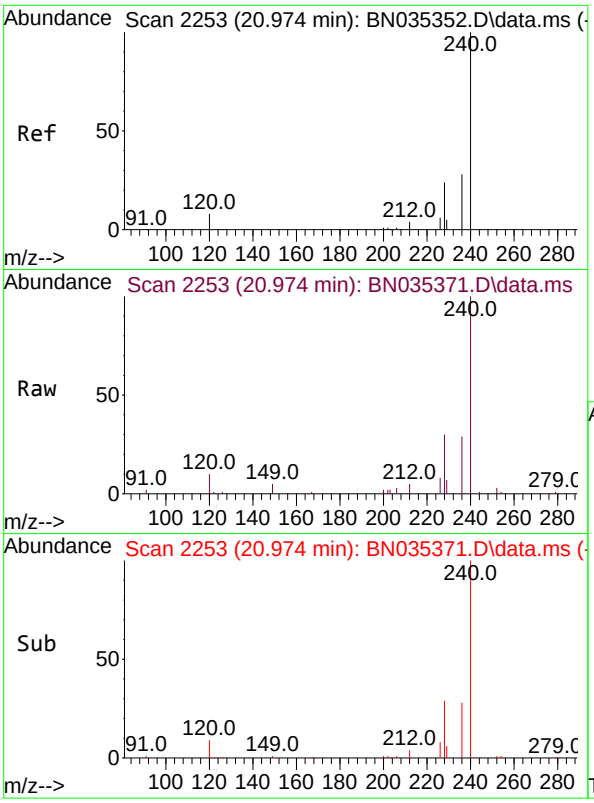


#28
Fluoranthene
Concen: 0.347 ng
RT: 18.812 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:202 Resp: 12304

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.4	11.0
203	17.0	13.7	20.5



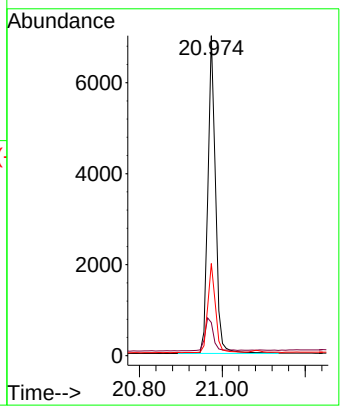


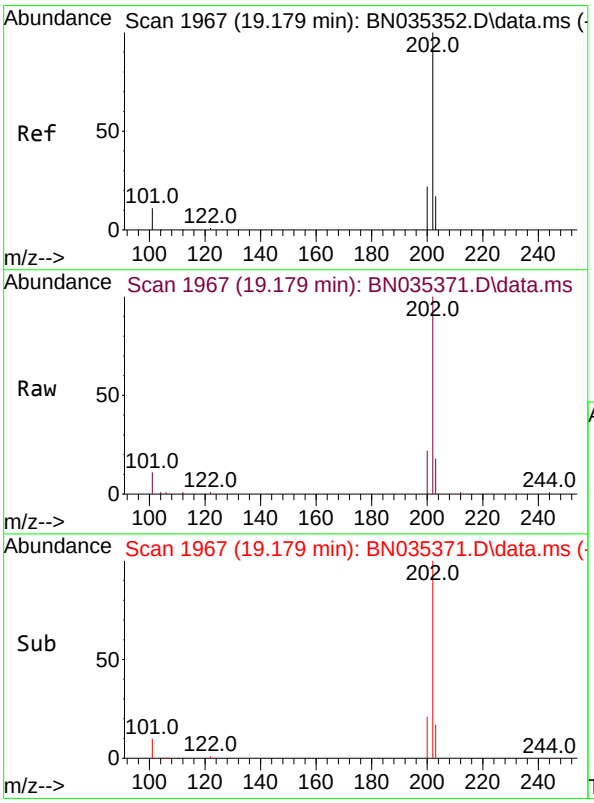
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:240 Resp: 8948

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.9	11.9
236	28.8	22.9	34.3

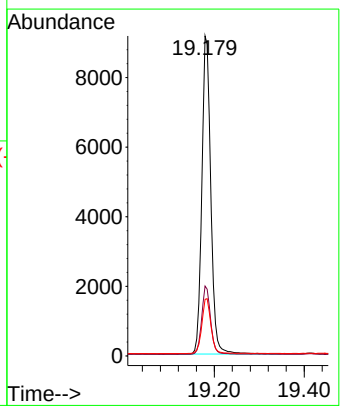


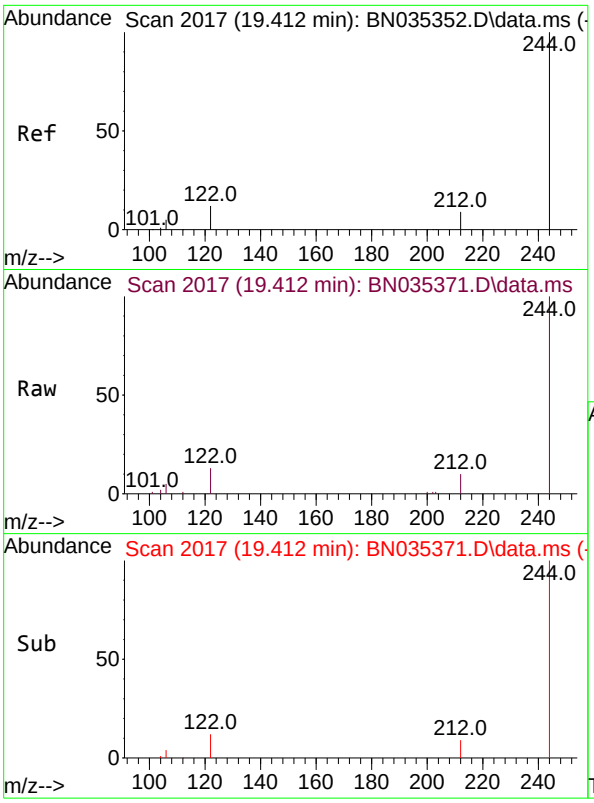


#30
Pyrene
Concen: 0.384 ng
RT: 19.179 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:202 Resp: 12695

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.3	21.5



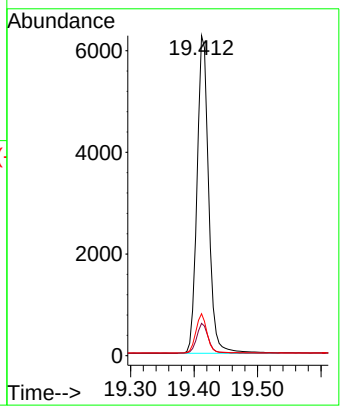


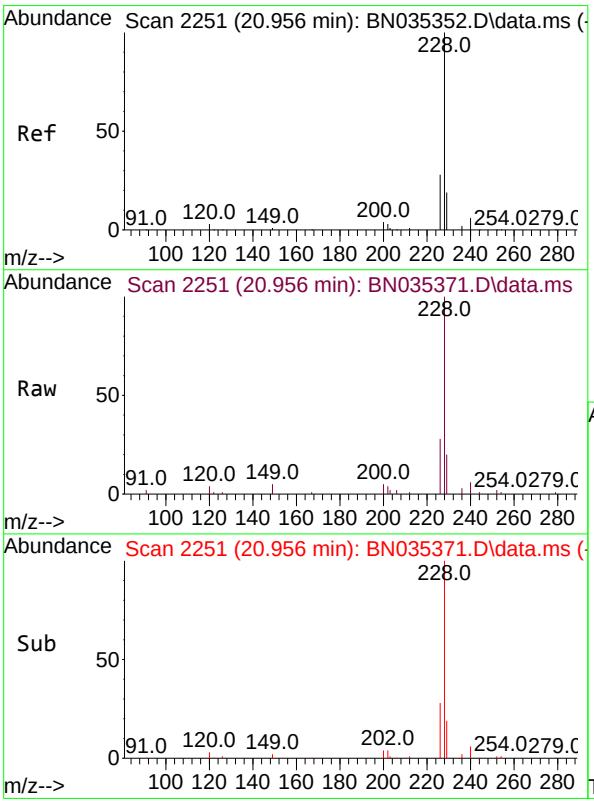
#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.412 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:244 Resp: 7957

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.1	12.1
122	13.1	10.3	15.5

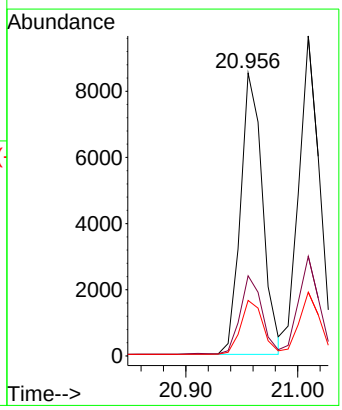


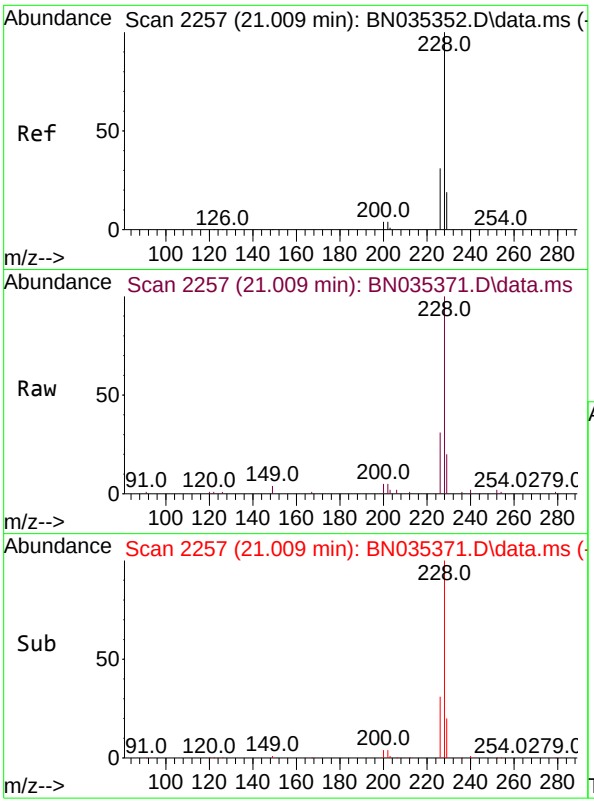


#32
Benzo(a)anthracene
Concen: 0.371 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:228 Resp: 11626

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	19.6	15.8	23.8



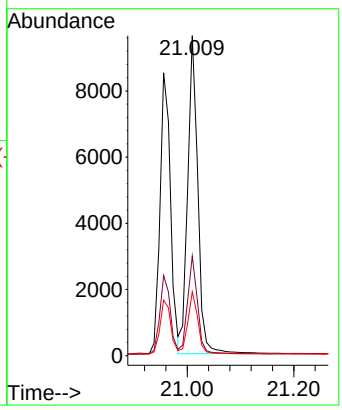


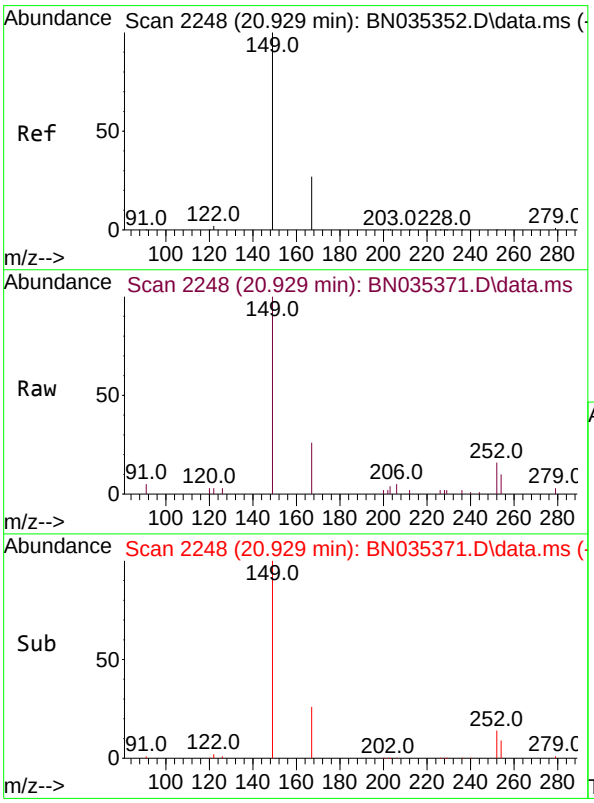
#33
Chrysene
Concen: 0.393 ng
RT: 21.009 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:228 Resp: 12682

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.0	15.9	23.9

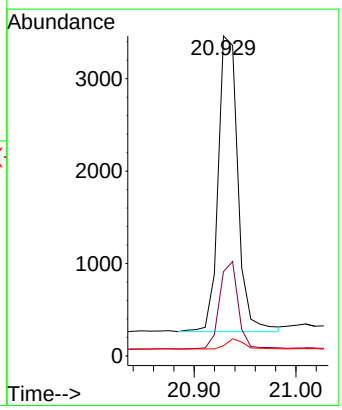


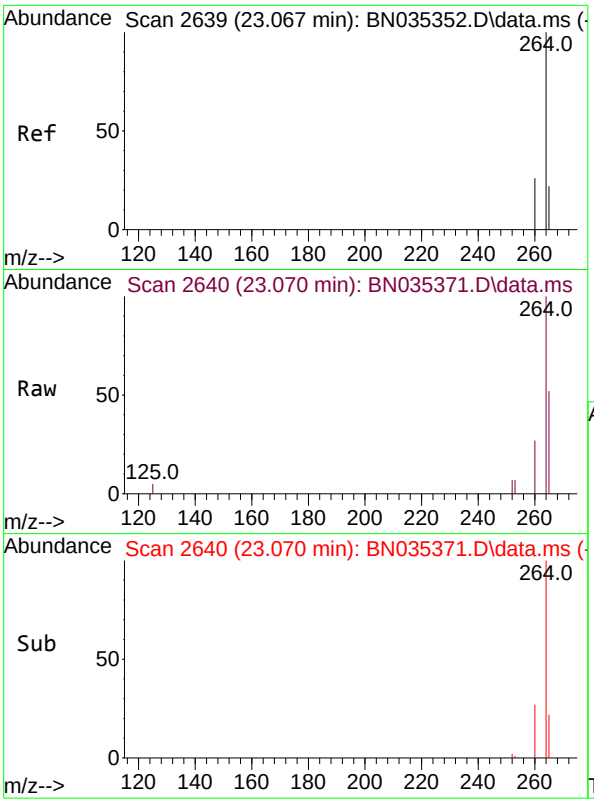


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:149 Resp: 4303

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	3.3	2.7	4.1



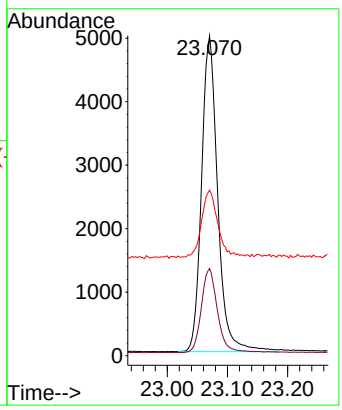


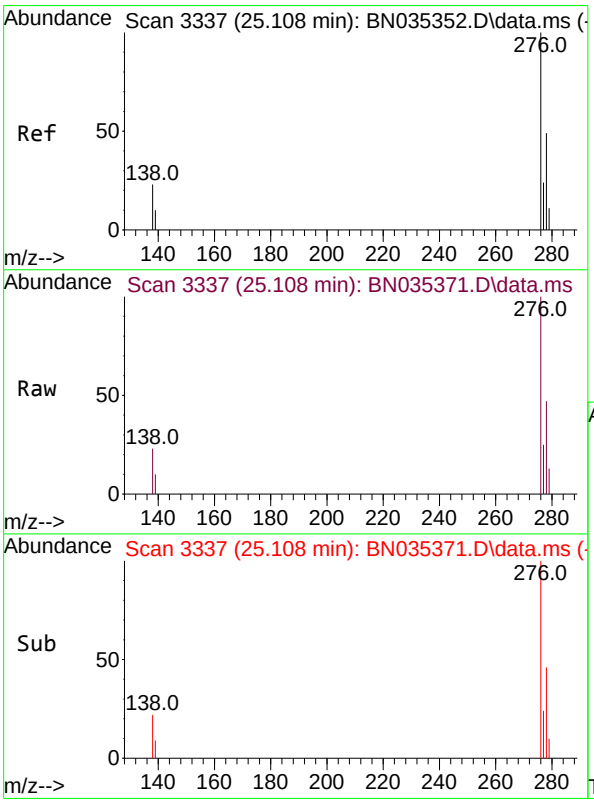
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.070 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:264 Resp: 9280

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.4	32.2
265	51.7	40.2	60.4

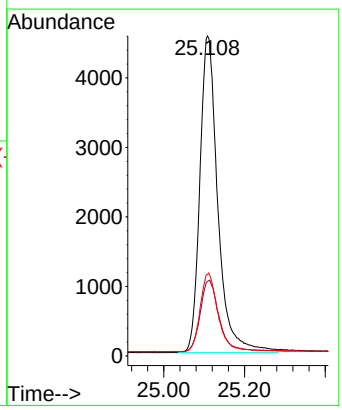


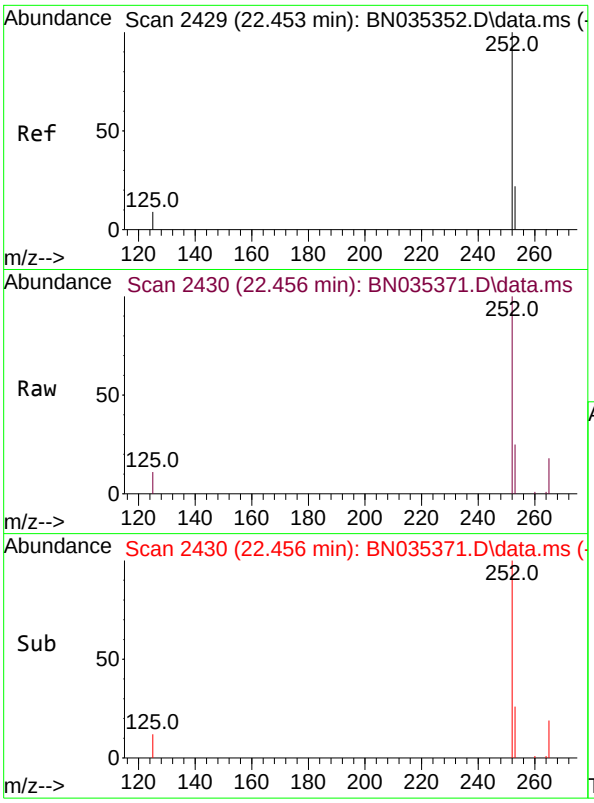


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 25.108 min Scan# 3337
Delta R.T. -0.000 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:276 Resp: 14123

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.4	29.0
277	24.7	19.8	29.6



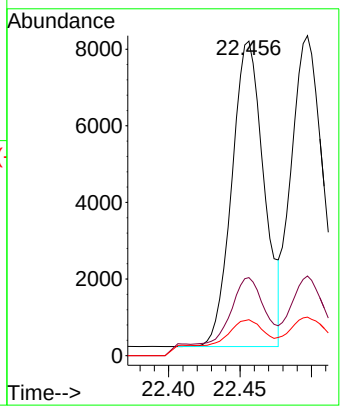


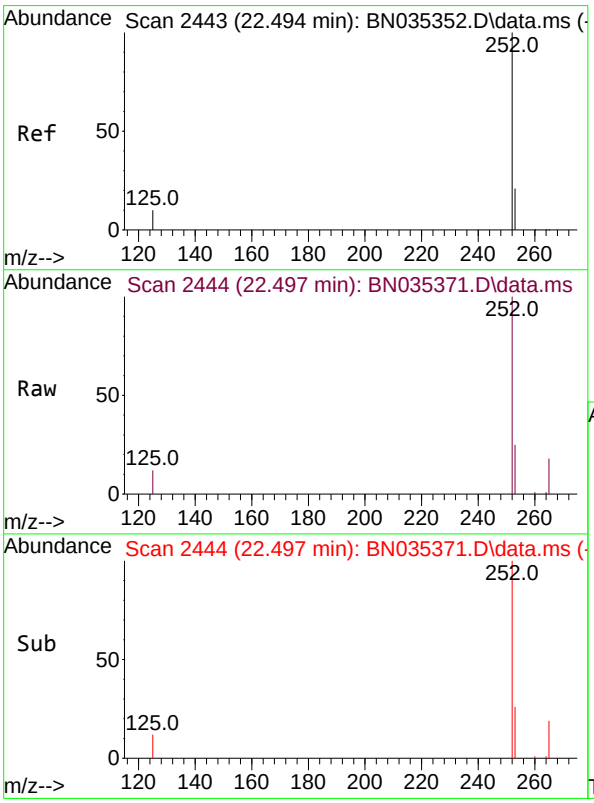
#37
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.456 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:252 Resp: 12457

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.6	29.4
125	11.4	9.6	14.4

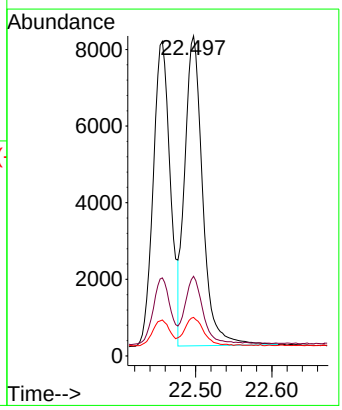


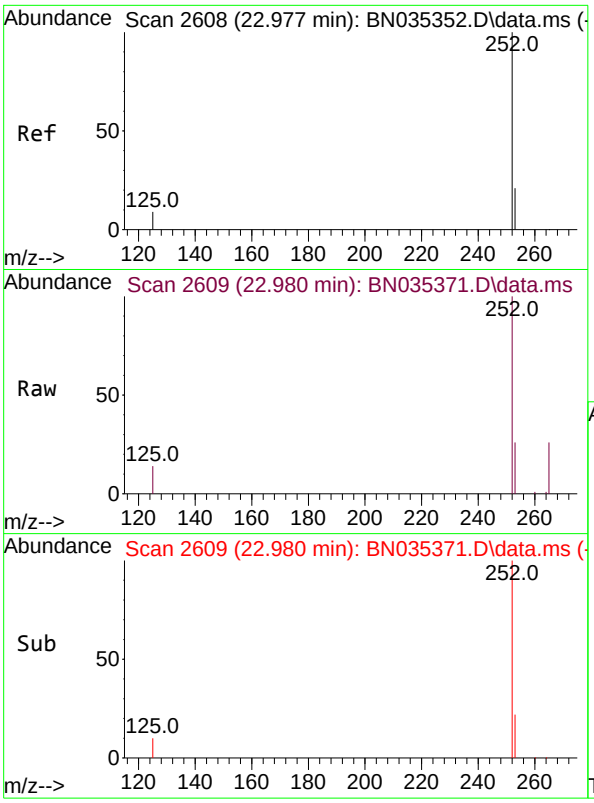


#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.497 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:252 Resp: 13182

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.5	29.3
125	12.1	10.2	15.4



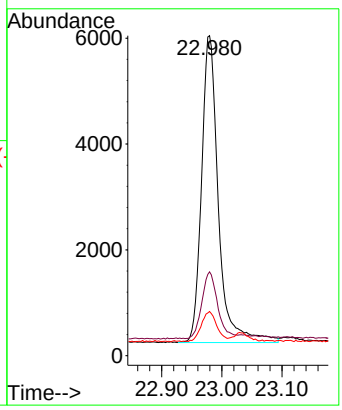


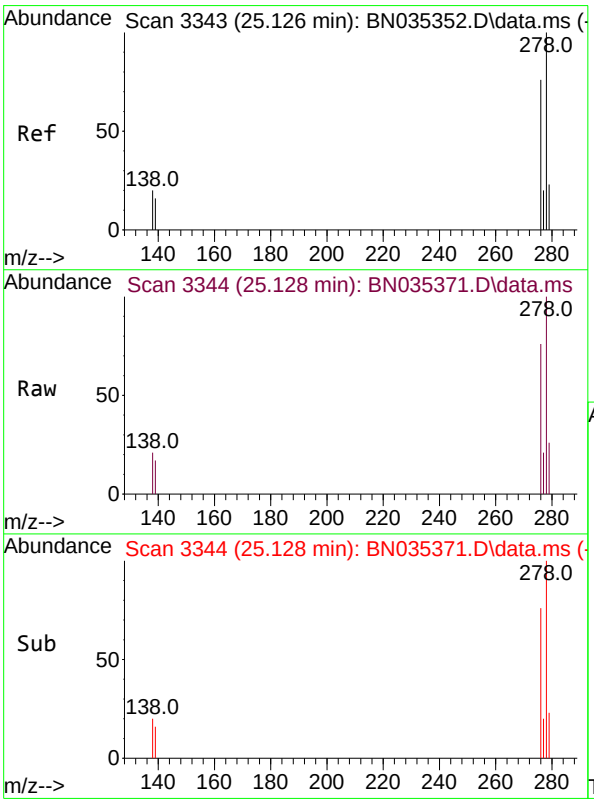
#39
Benzo(a)pyrene
Concen: 0.403 ng
RT: 22.980 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:252 Resp: 11277

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.2	30.4
125	13.8	10.9	16.3

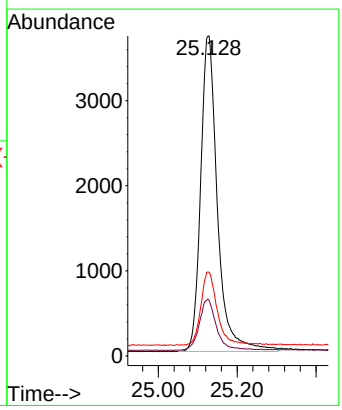


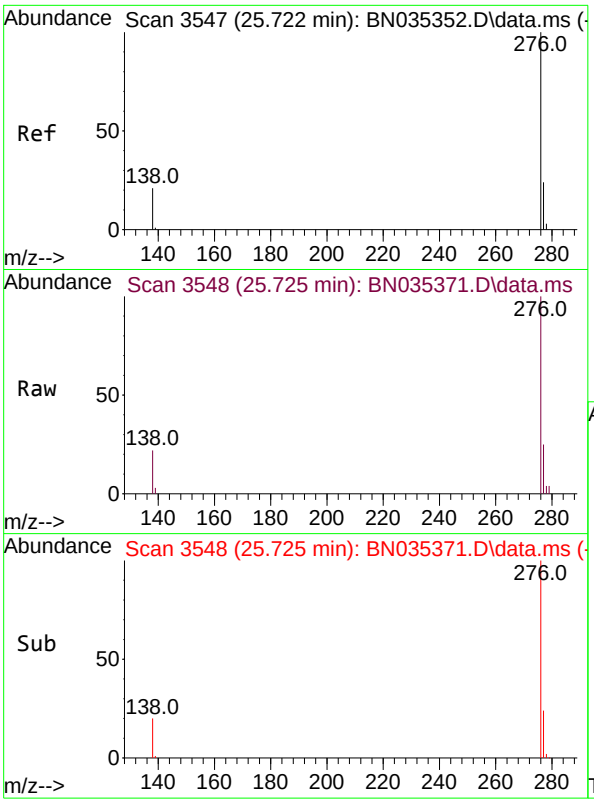


#40
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 25.128 min Scan# 3344
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Tgt Ion:278 Resp: 10990

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	26.1	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 25.725 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN035371.D
Acq: 28 Nov 2024 06:39

Instrument :
BNA_N
ClientSampleId :
PB165198BSD

Tgt Ion:276 Resp: 10607

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.9	29.9
138	21.6	17.8	26.8