Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029472.D
Acq On : 01 Feb 2024 05:35
Operator : MA/JU
Sample : 04699-09
Misc : MDL-MDL-WATER-0.2NG
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 01 07:14:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4333	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11955	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5493	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10492	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	6348	0.400	ng		0.00
35) Perylene-d12	23.870	264	6082	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3774	0.363	ng		0.00
5) Phenol-d6	7.060	99	4420	0.368	ng		0.00
8) Nitrobenzene-d5	9.057	82	3327	0.334	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	8701	0.534	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	586	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8029	0.340	ng		0.00
27) Fluoranthene-d10	19.322	212	13931	0.548	ng		0.00
31) Terphenyl-d14	19.931	244	5534	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1260	0.207	ng		96
3) n-Nitrosodimethylamine	3.716	42	796	0.160	ng	#	90
6) bis(2-Chloroethyl)ether	7.334	93	2202	0.192	ng		98
9) Naphthalene	10.744	128	6344	0.186	ng		98
10) Hexachlorobutadiene	11.021	225	1163	0.180	ng	#	99
12) 2-Methylnaphthalene	12.359	142	3672	0.184	ng		99
16) Acenaphthylene	14.254	152	5070	0.194	ng		99
17) Acenaphthene	14.597	154	3282	0.187	ng		99
18) Fluorene	15.580	166	4082	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	247	0.160	ng		90
21) 4-Bromophenyl-phenylether	16.486	248	1179	0.189	ng	#	80
22) Hexachlorobenzene	16.585	284	1423	0.186	ng		100
23) Atrazine	16.759	200	878	0.198	ng		96
24) Pentachlorophenol	16.933	266	375	0.154	ng		94
25) Phenanthrene	17.330	178	5975	0.193	ng		100
26) Anthracene	17.417	178	4986	0.188	ng		98
28) Fluoranthene	19.350	202	6012	0.172	ng		99
30) Pyrene	19.717	202	5915	0.202	ng		100
32) Benzo(a)anthracene	21.474	228	4084	0.188	ng		99
33) Chrysene	21.528	228	4565	0.185	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2924	0.198	ng		98
36) Indeno(1,2,3-cd)pyrene	26.332	276	4233	0.173	ng	#	84
37) Benzo(b)fluoranthene	23.145	252	3970	0.183	ng	#	85
38) Benzo(k)fluoranthene	23.192	252	4035	0.177	ng	#	85
39) Benzo(a)pyrene	23.762	252	3522	0.186	ng	#	81
40) Dibenzo(a,h)anthracene	26.364	278	3395	0.174	ng	#	90
41) Benzo(g,h,i)perylene	27.086	276	3955	0.167	ng		94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
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Instrument :
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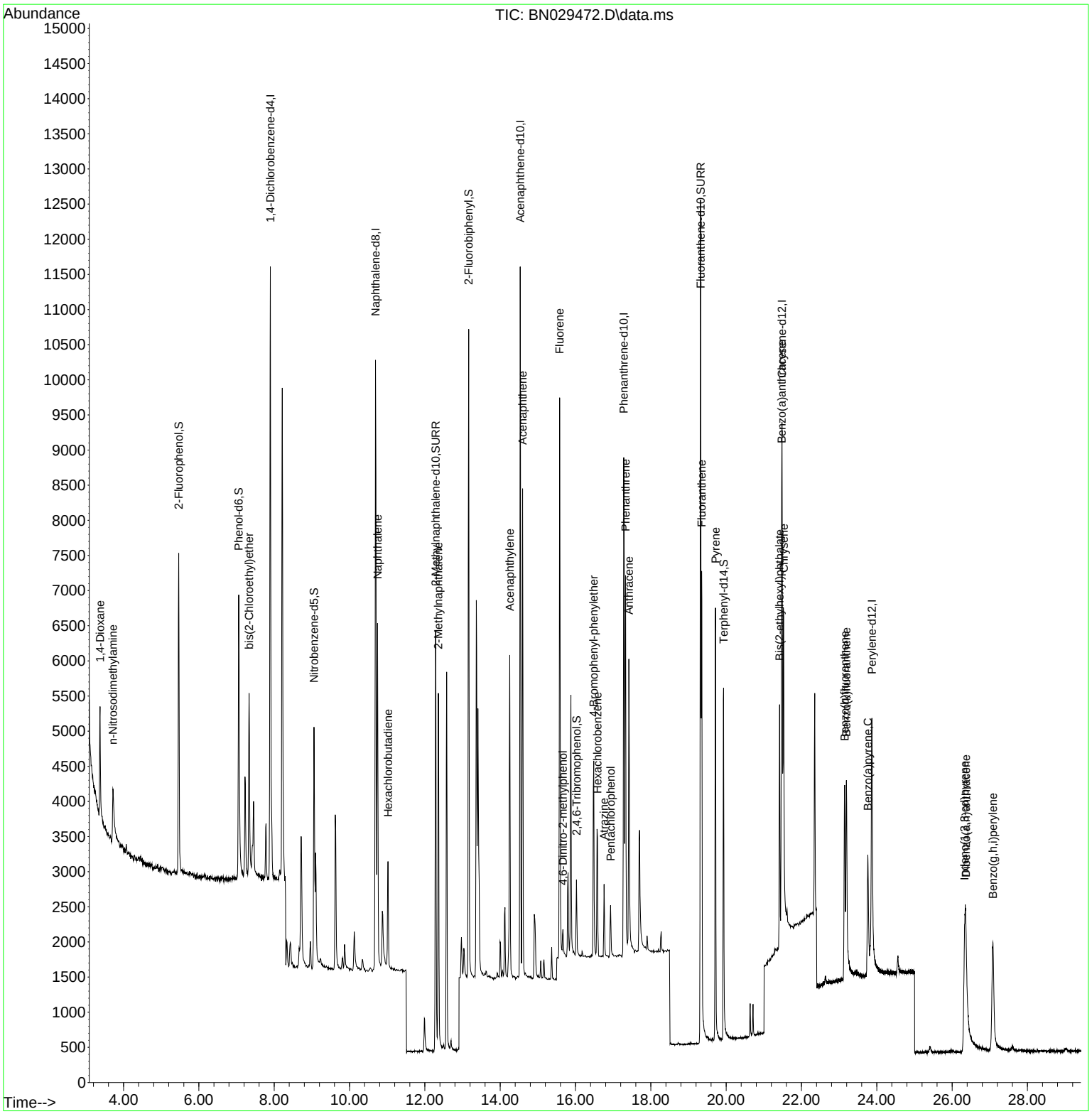
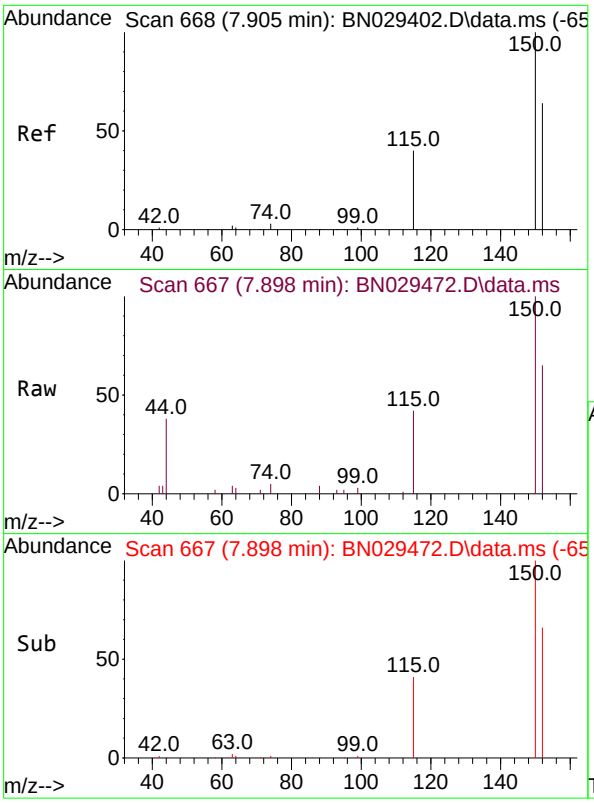
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration



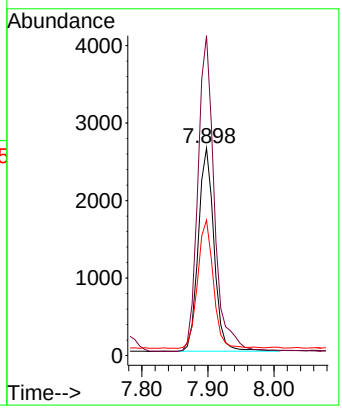


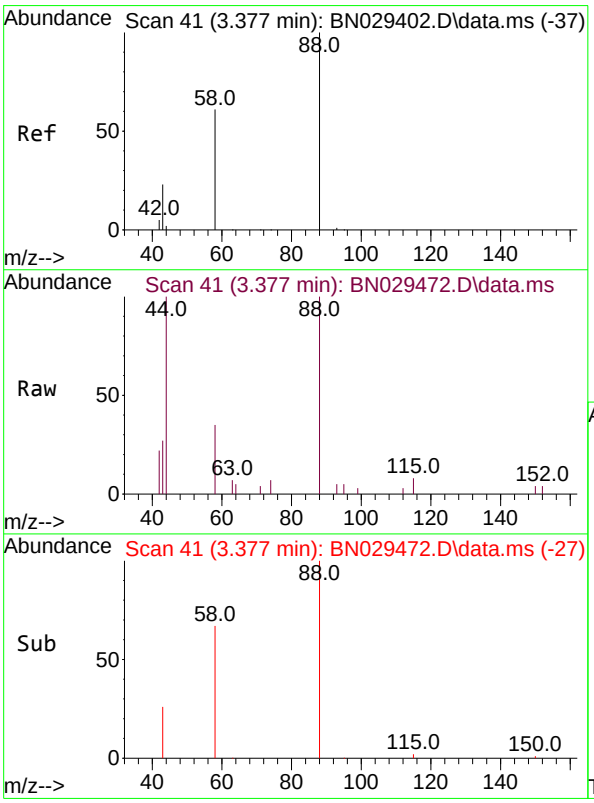
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4333

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.0	184.4
115	65.3	51.4	77.0

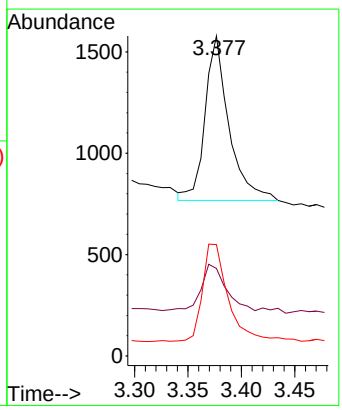


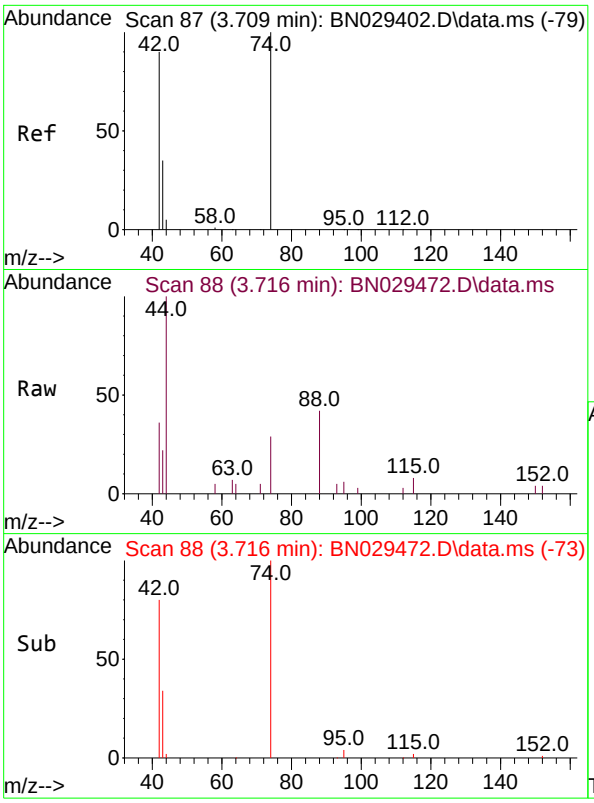


#2
1,4-Dioxane
Concen: 0.207 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion: 88 Resp: 1260

Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.3	34.9
58	62.3	53.8	80.6



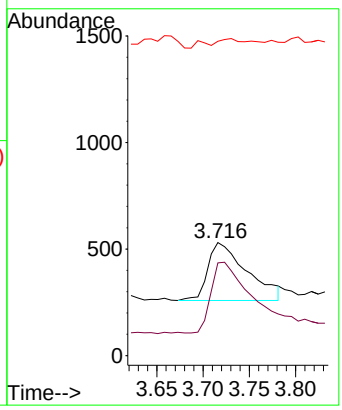


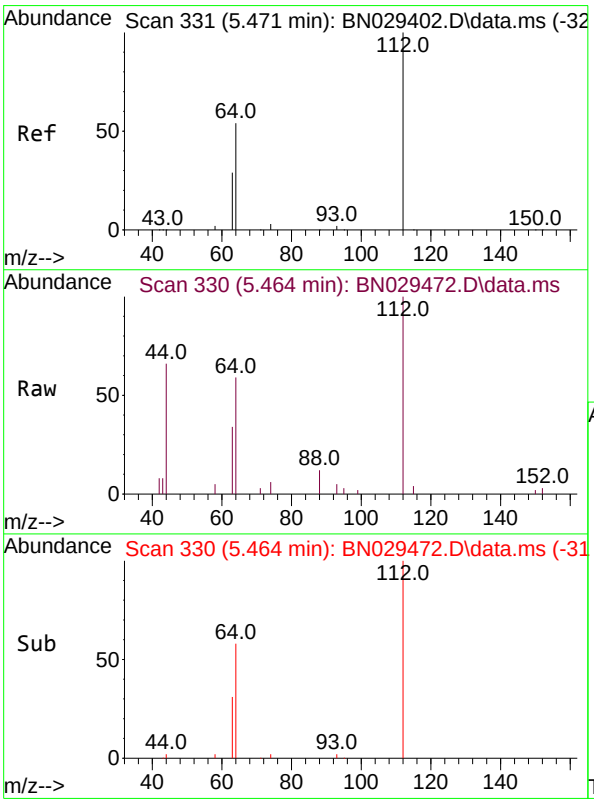
#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.716 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 796

Ion	Ratio	Lower	Upper
42	100		
74	125.5	93.7	140.5
44	6.2	13.0	19.4#

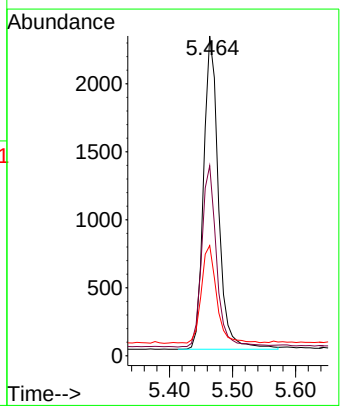


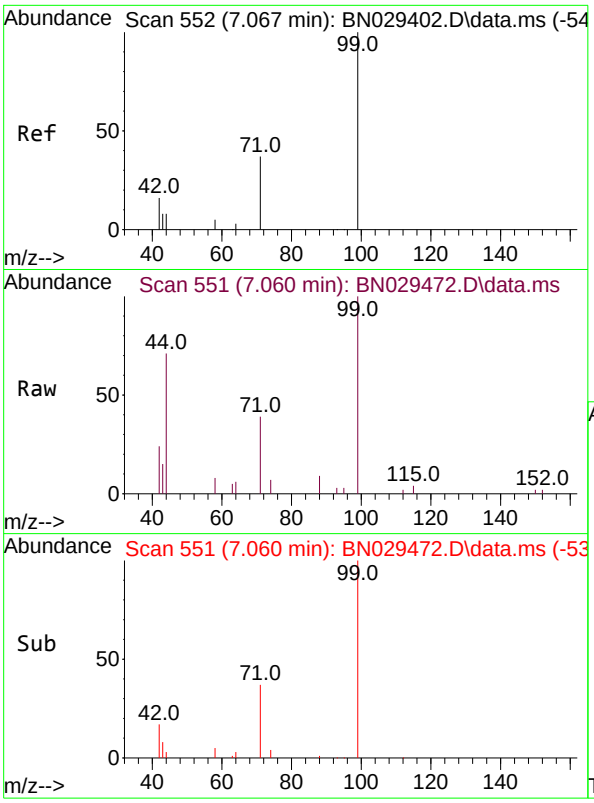


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:112 Resp: 3774

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.2	70.8
63	31.5	25.8	38.6



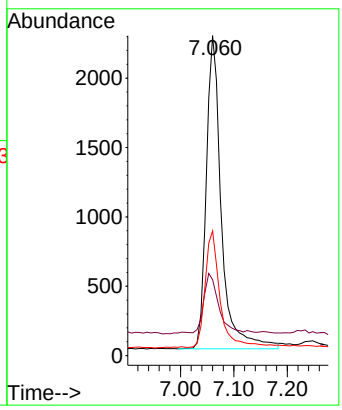


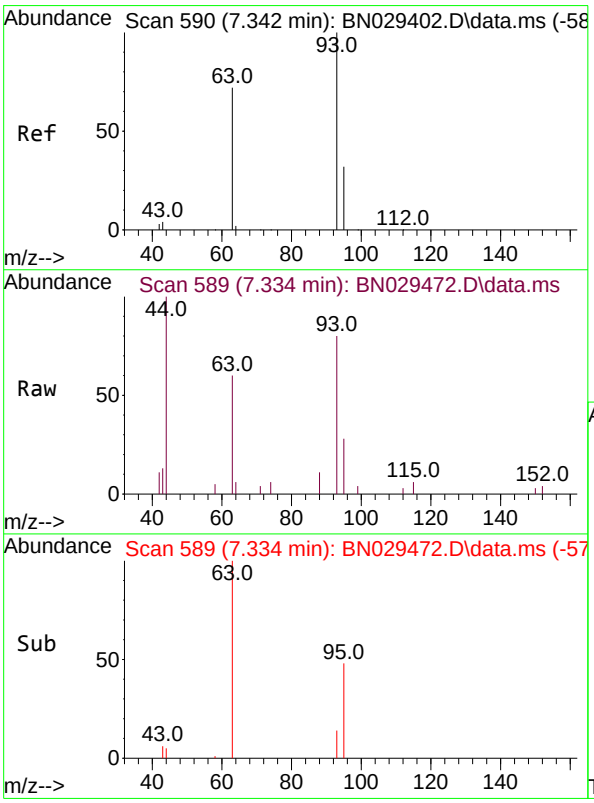
#5
Phenol-d6
Concen: 0.368 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4420

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.9	25.3
71	36.8	30.0	45.0

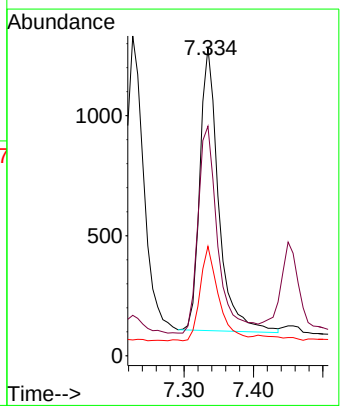


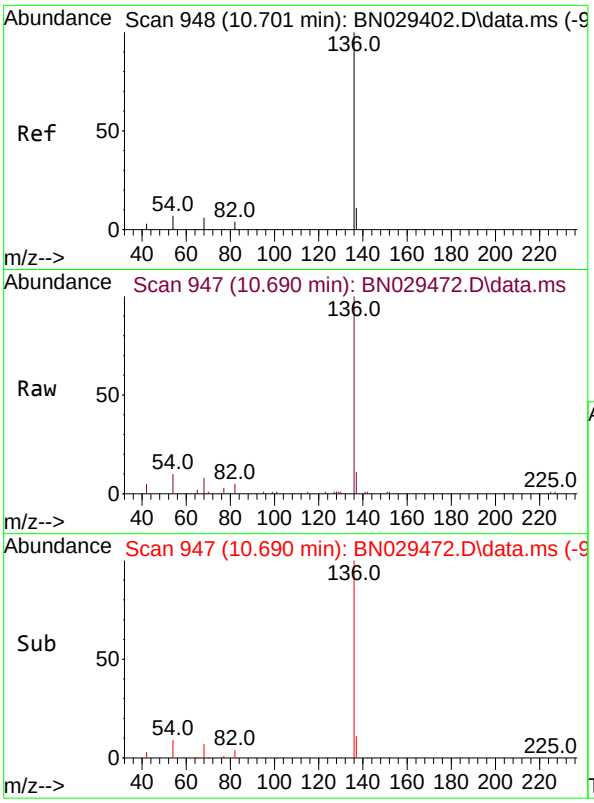


#6
bis(2-Chloroethyl)ether
Concen: 0.192 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion: 93 Resp: 2202

Ion	Ratio	Lower	Upper
93	100		
63	77.5	63.1	94.7
95	32.9	27.1	40.7



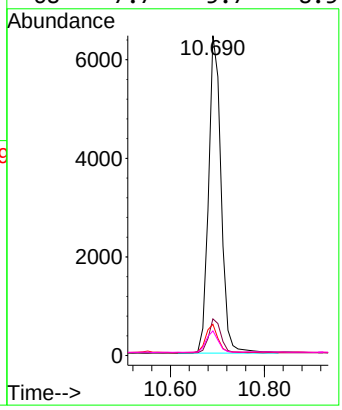


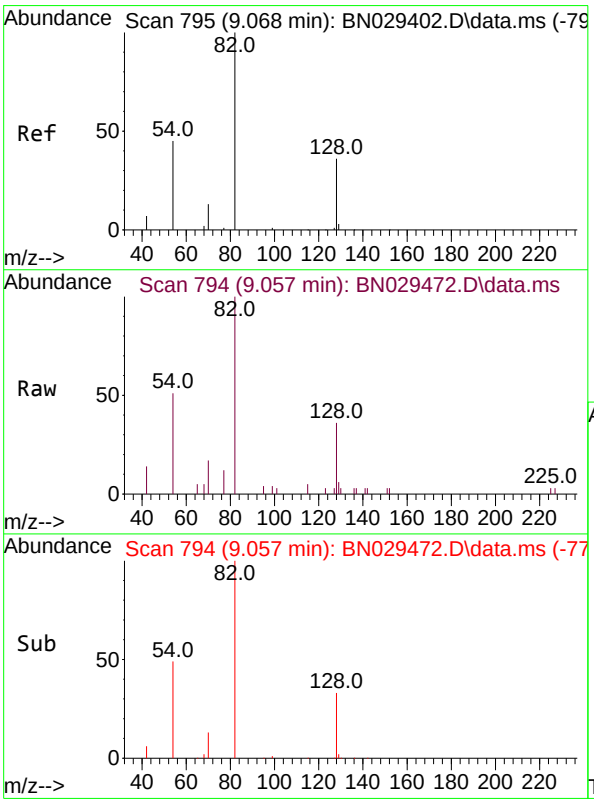
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11955

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	9.8	6.6	10.0
68	7.7	5.7	8.5

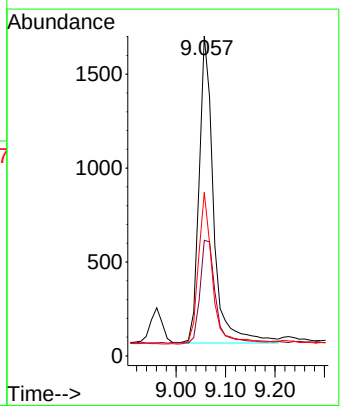


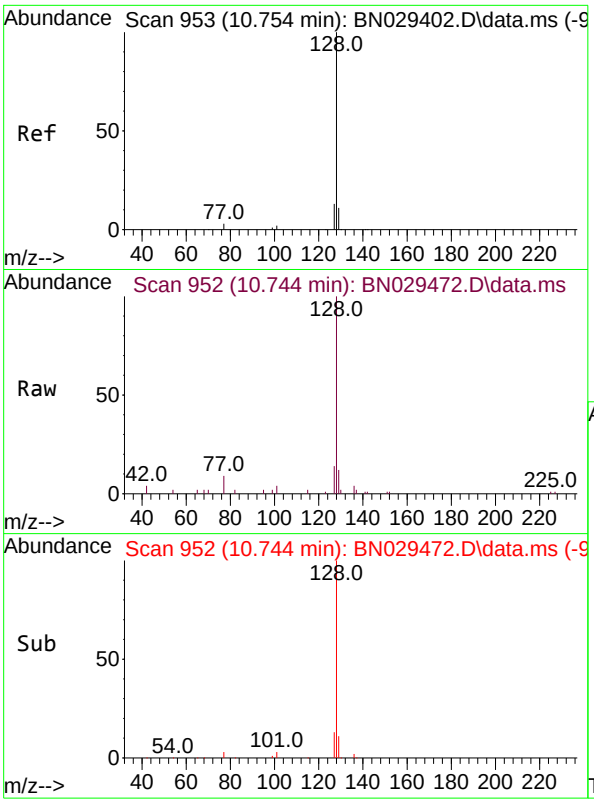


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion: 82 Resp: 3327

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.6	47.4
54	51.1	38.2	57.4



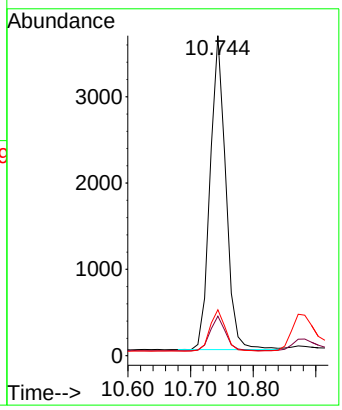


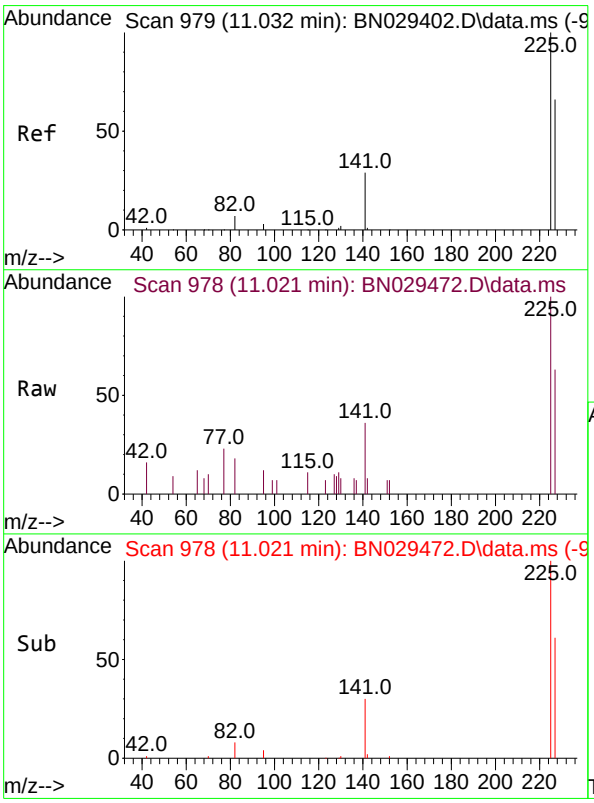
#9
Naphthalene
Concen: 0.186 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6344

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.5	14.3
127	14.3	10.8	16.2

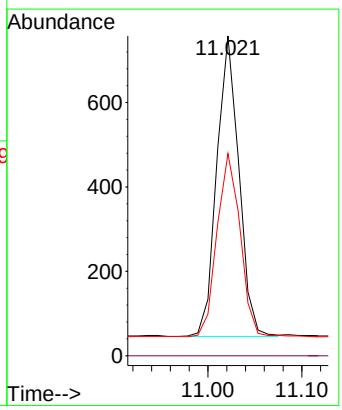


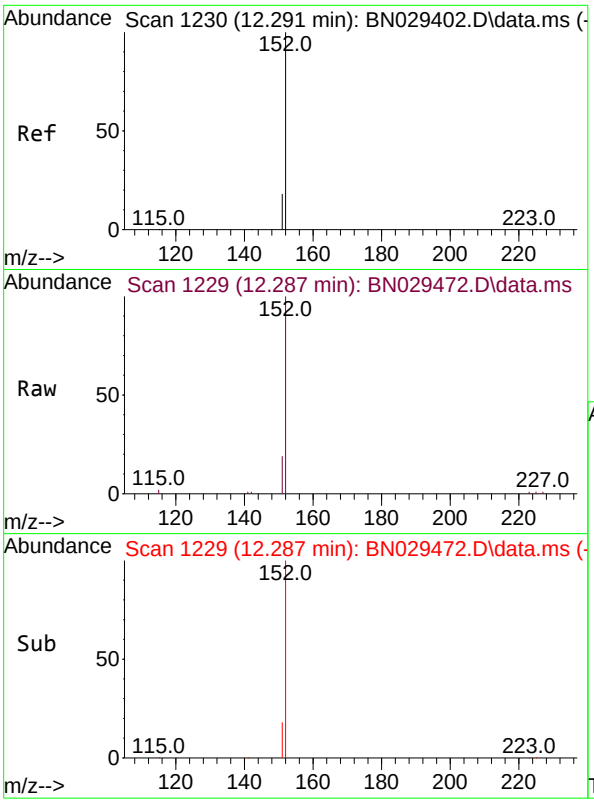


#10
Hexachlorobutadiene
Concen: 0.180 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:225 Resp: 1163

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.1	76.7



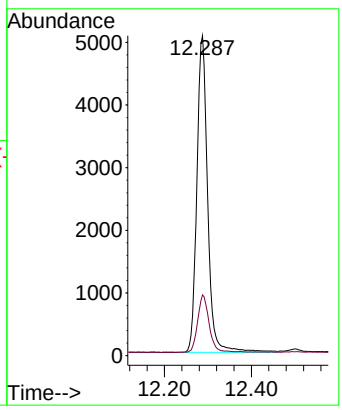


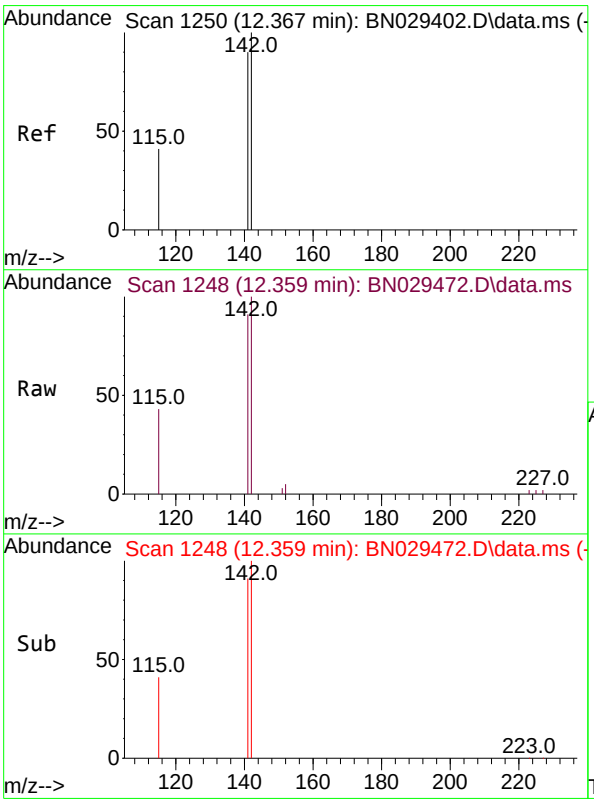
#11
2-Methylnaphthalene-d10
Concen: 0.534 ng
RT: 12.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8701

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.1	25.7

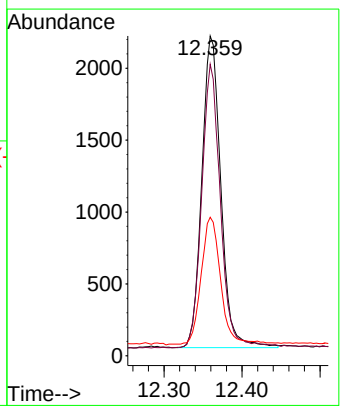


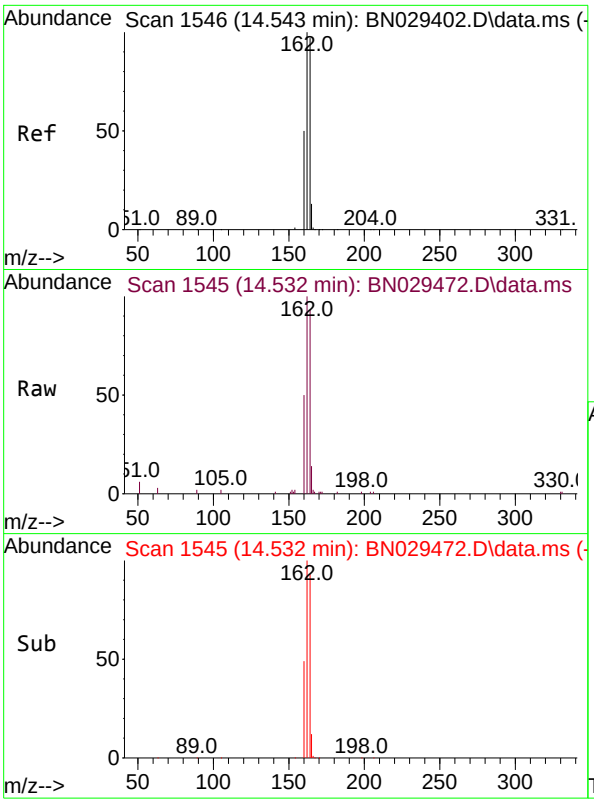


#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 12.359 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:142 Resp: 3672

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	43.3	33.9	50.9



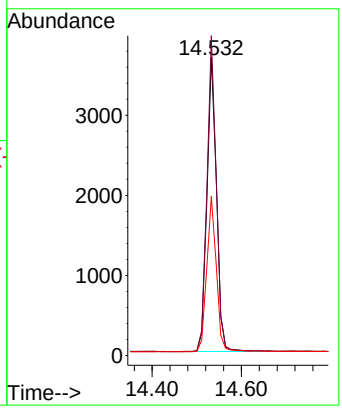


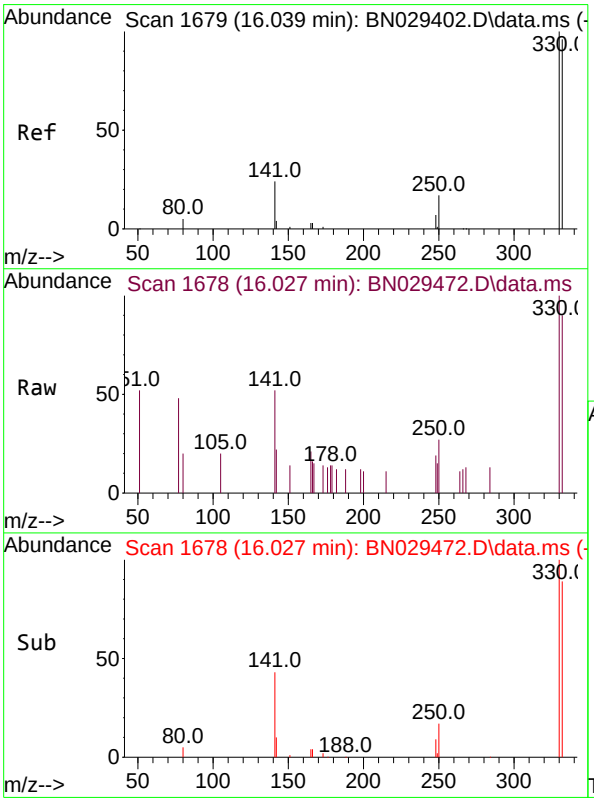
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5493

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	53.3	41.5	62.3

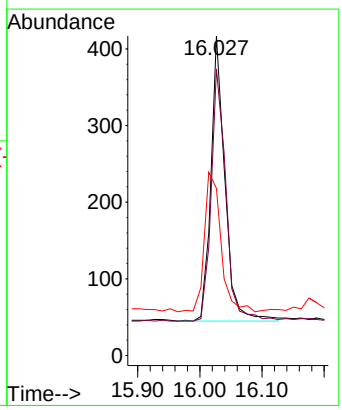


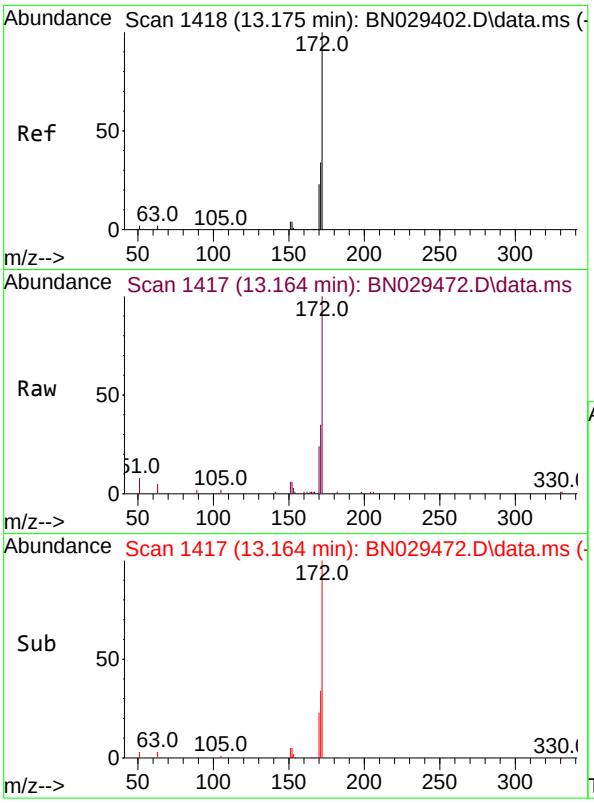


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 16.027 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.0	114.0
141	57.3	43.4	65.2



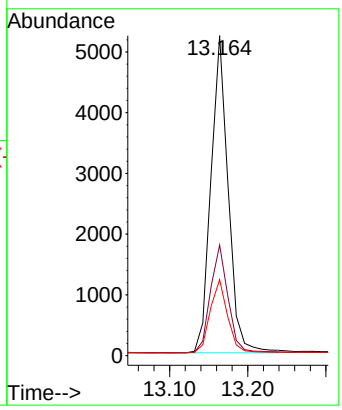


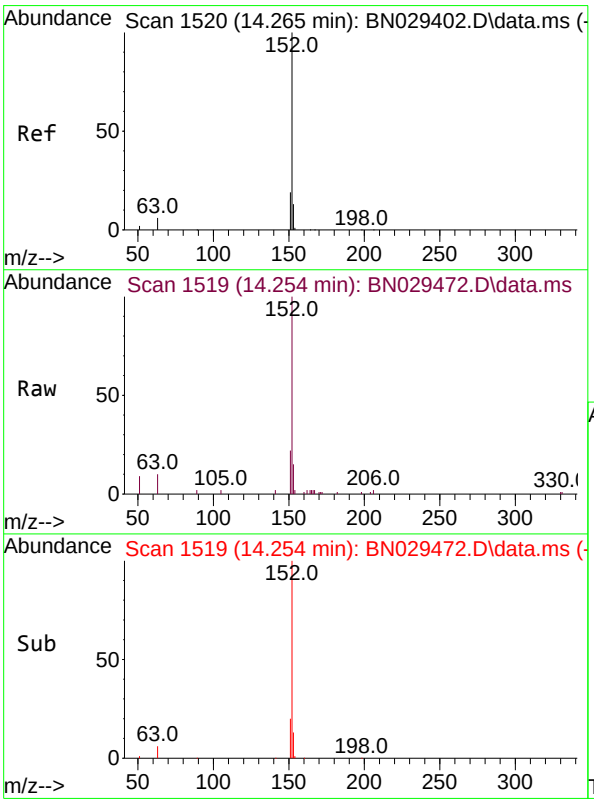
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8029

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.7	18.7	28.1

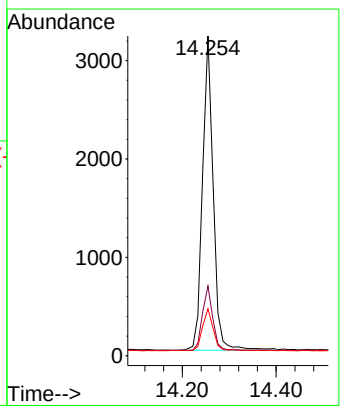


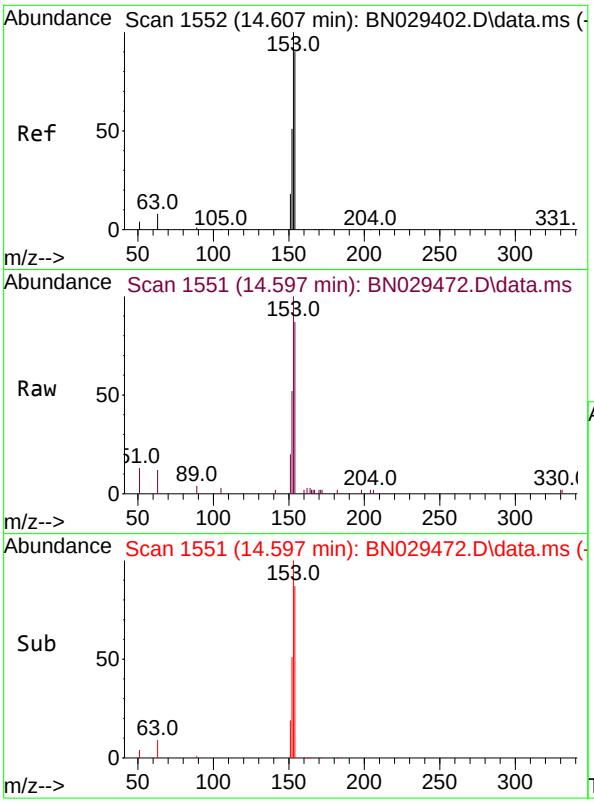


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:152 Resp: 5070

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.8	10.5	15.7





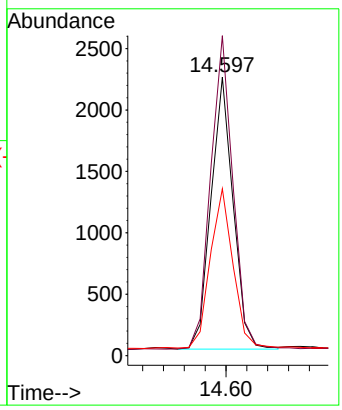
#17
Acenaphthene
Concen: 0.187 ng
RT: 14.597 min Scan# 1

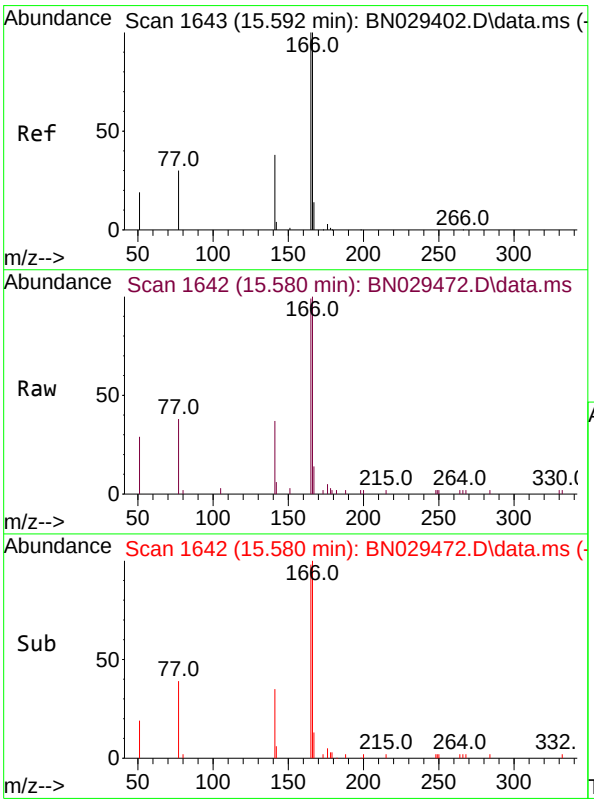
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:154 Resp: 3282

Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.6	140.4
152	61.9	48.6	73.0

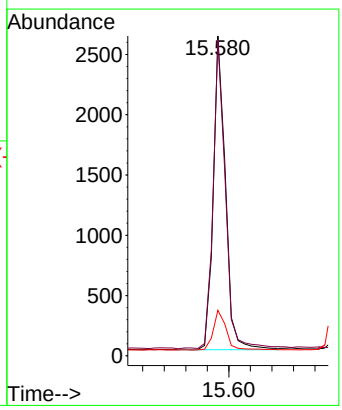


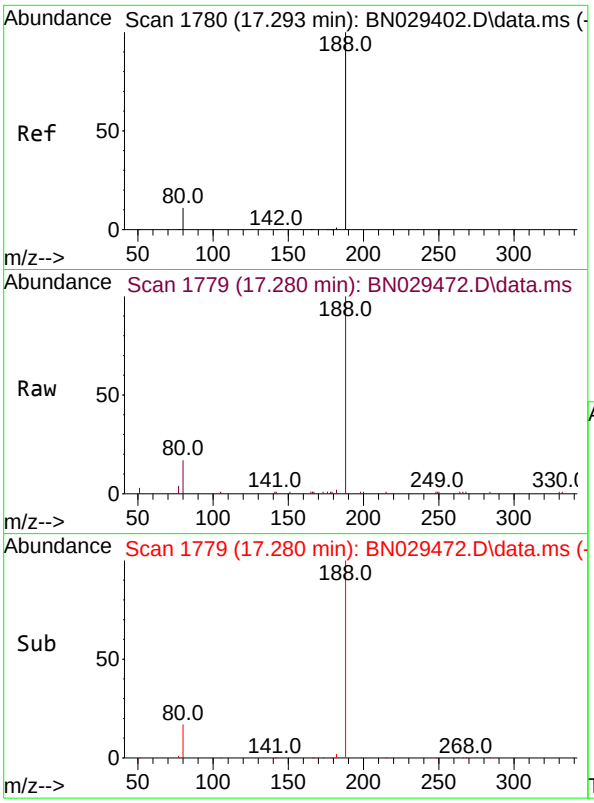


#18
Fluorene
Concen: 0.186 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:166 Resp: 4082

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	13.4	11.3	16.9



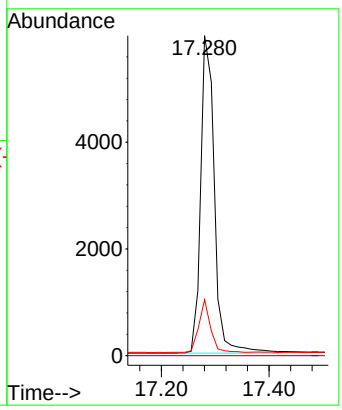


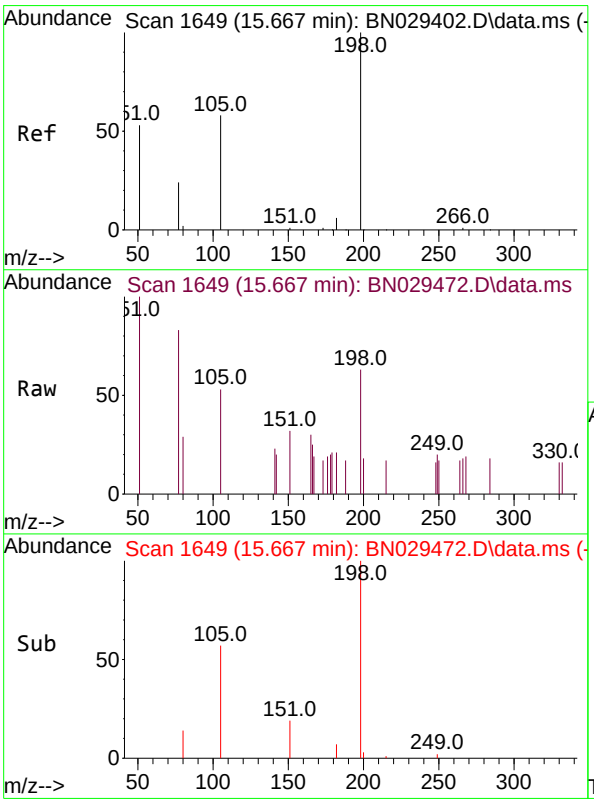
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10492

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.5	10.0	15.0#

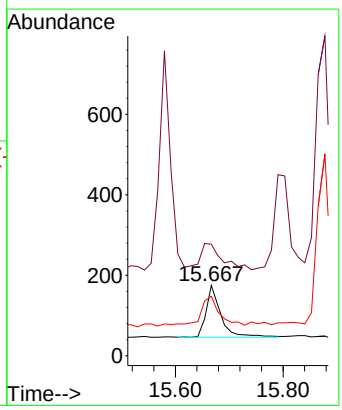


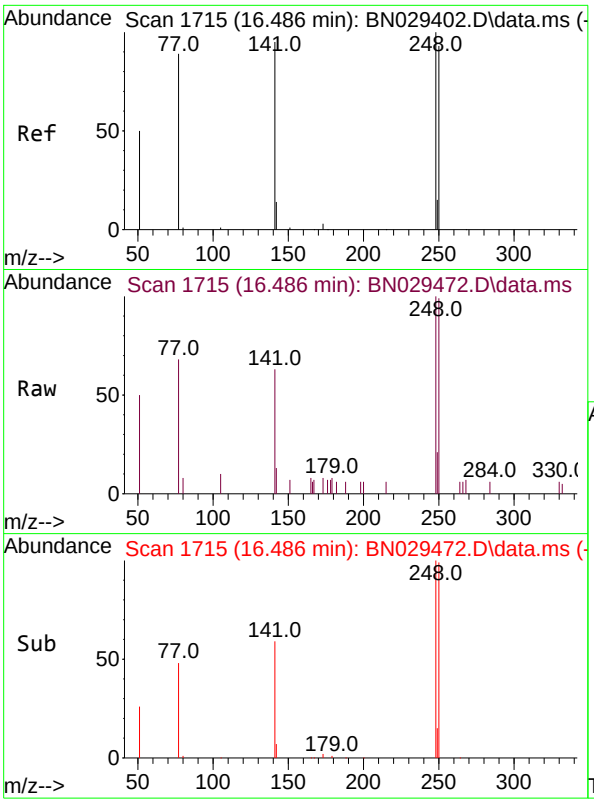


#20
4,6-Dinitro-2-methylphenol
Concen: 0.160 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:198 Resp: 247

Ion	Ratio	Lower	Upper
198	100		
51	158.3	111.0	166.6
105	84.6	67.0	100.6



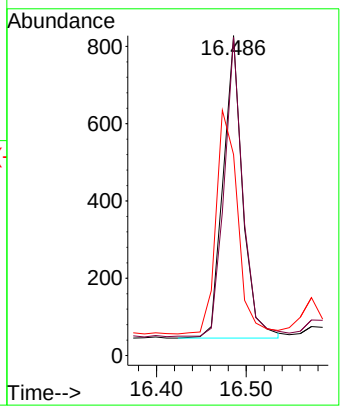


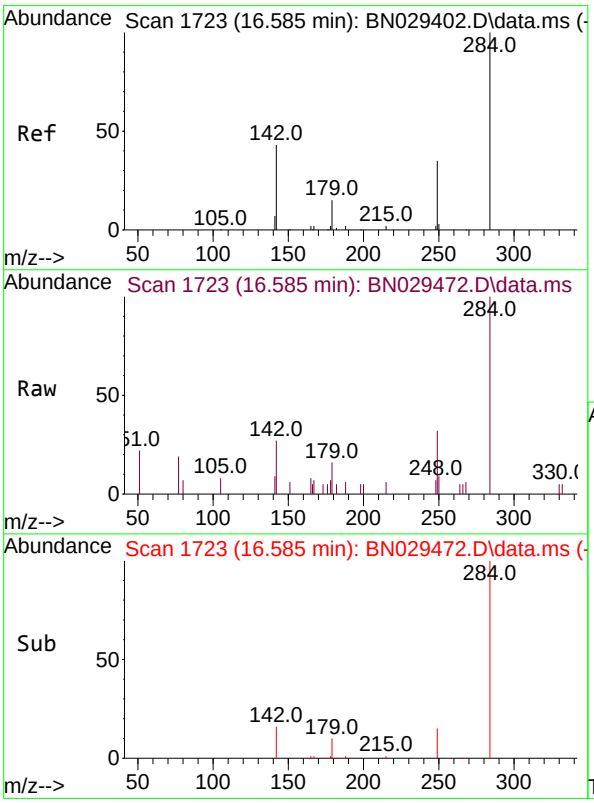
#21
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1179

Ion	Ratio	Lower	Upper
248	100		
250	99.4	75.0	112.4
141	62.8	77.0	115.6#

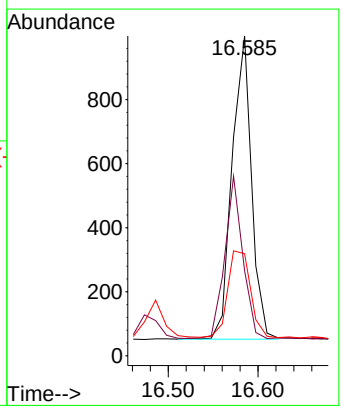


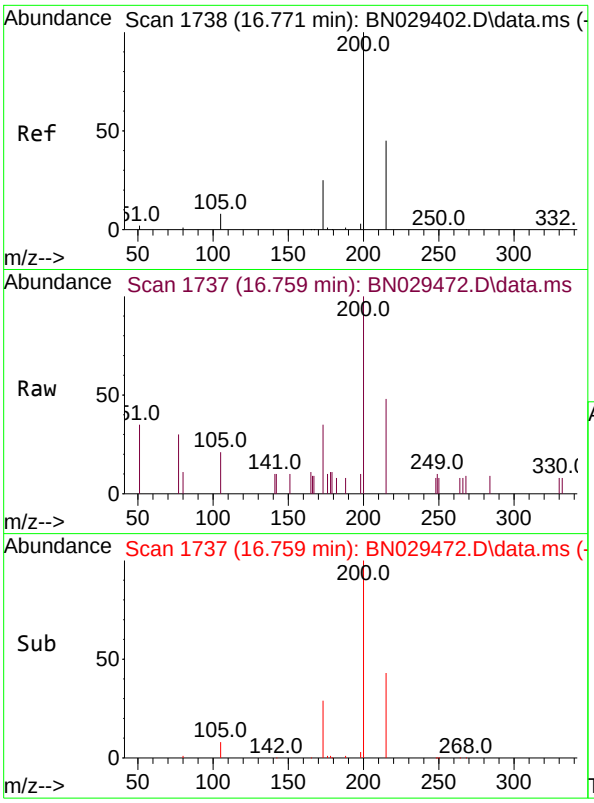


#22
Hexachlorobenzene
Concen: 0.186 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:284 Resp: 1423

Ion	Ratio	Lower	Upper
284	100		
142	49.4	39.4	59.2
249	33.5	26.9	40.3



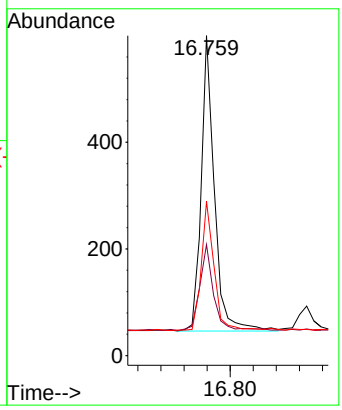


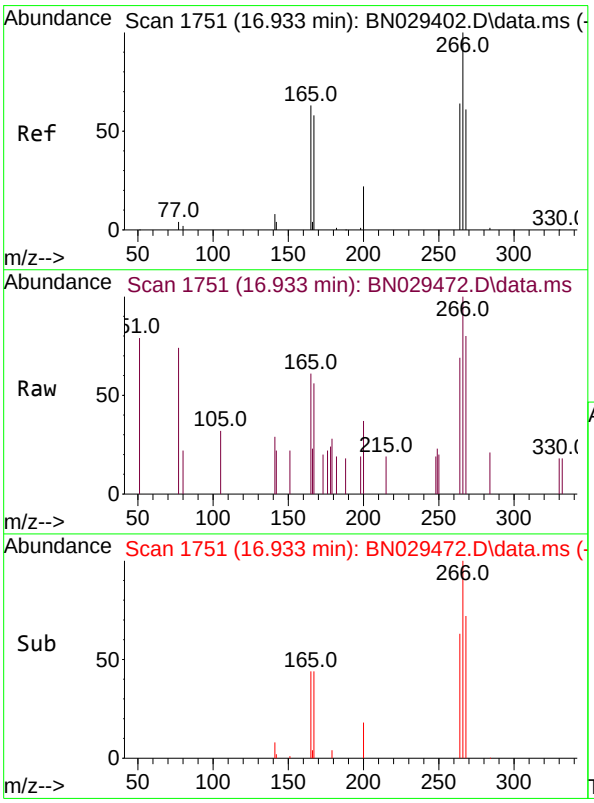
#23
Atrazine
Concen: 0.198 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 878

Ion	Ratio	Lower	Upper
200	100		
173	34.7	23.4	35.0
215	48.2	38.4	57.6

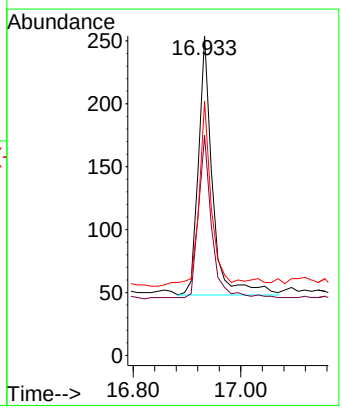


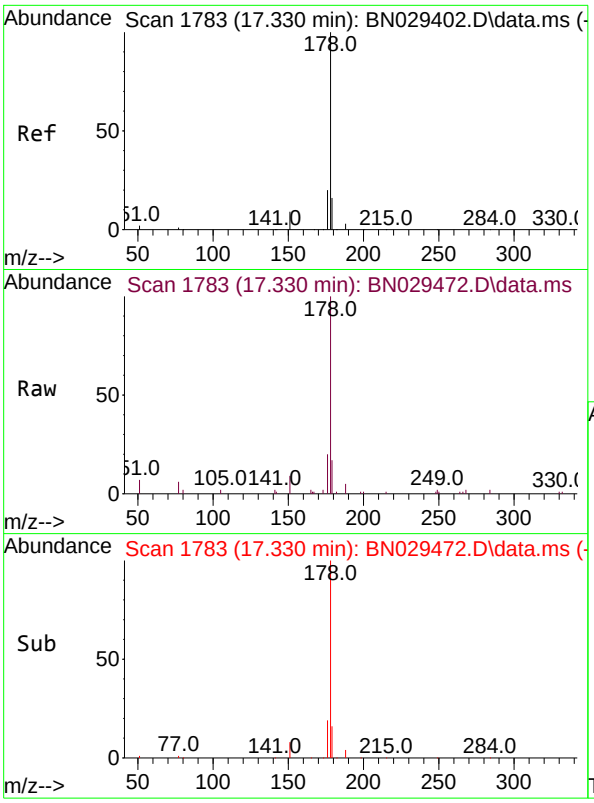


#24
Pentachlorophenol
Concen: 0.154 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:266 Resp: 375

Ion	Ratio	Lower	Upper
266	100		
264	57.9	50.8	76.2
268	61.3	51.5	77.3



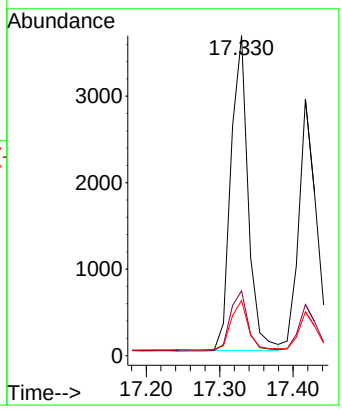


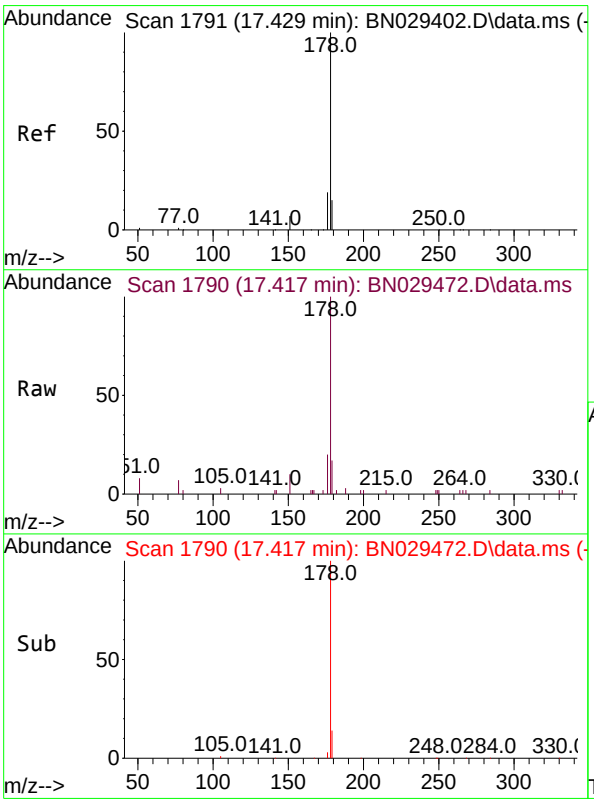
#25
Phenanthrene
Concen: 0.193 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5975

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.7	12.6	19.0

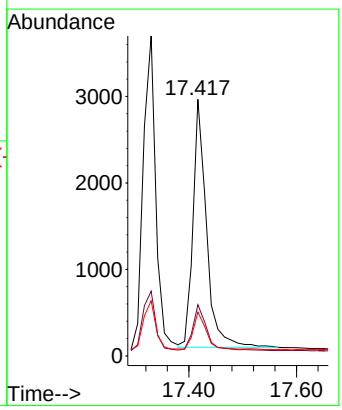


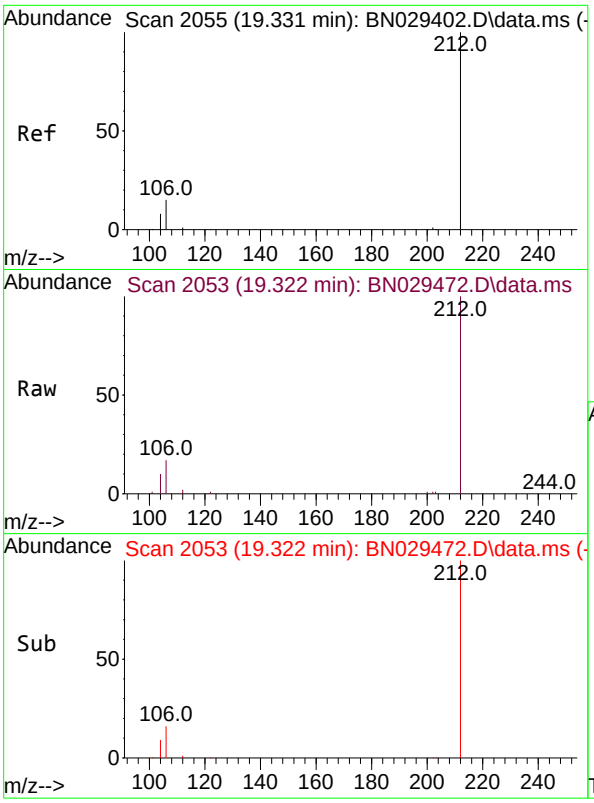


#26
Anthracene
Concen: 0.188 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:178 Resp: 4986

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	13.8	12.3	18.5



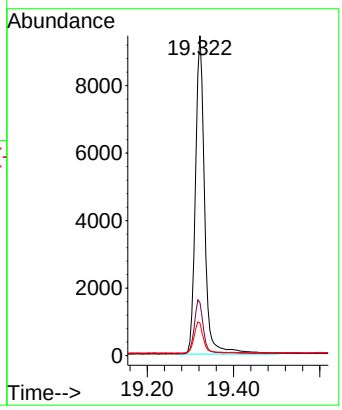


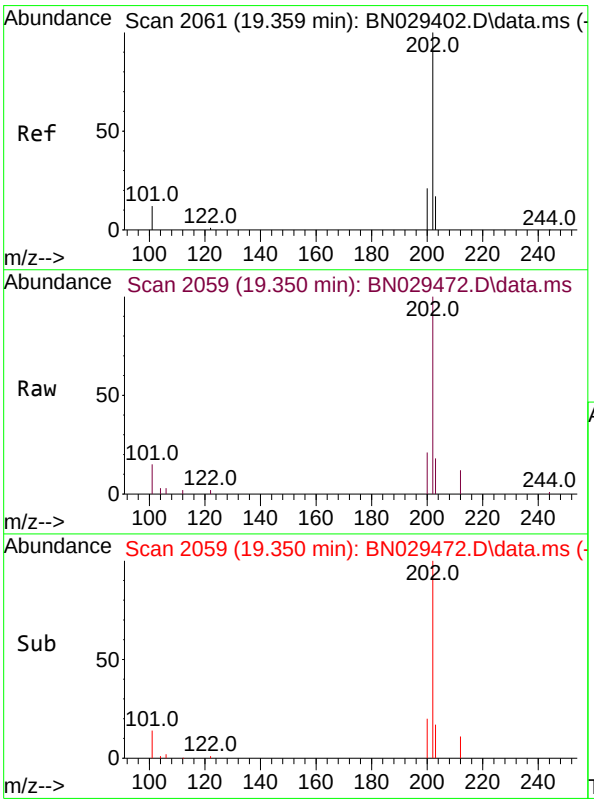
#27
Fluoranthene-d10
Concen: 0.548 ng
RT: 19.322 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13931

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.2	19.8
104	9.6	7.7	11.5

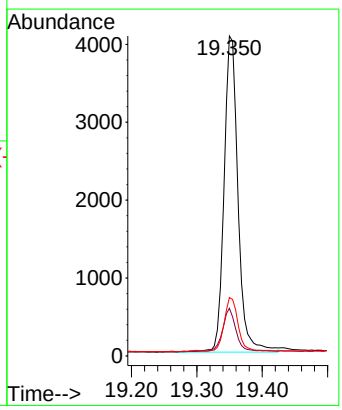


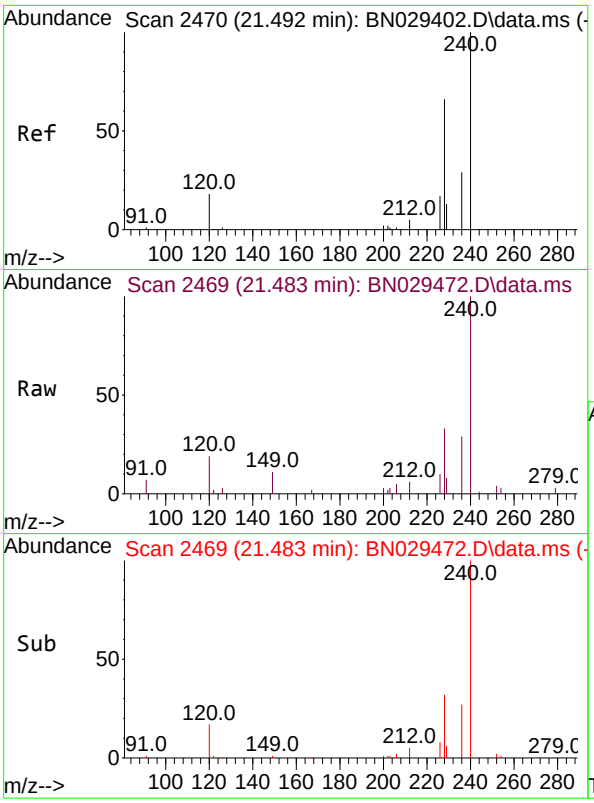


#28
Fluoranthene
Concen: 0.172 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:202 Resp: 6012

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.5	15.7
203	17.0	13.5	20.3



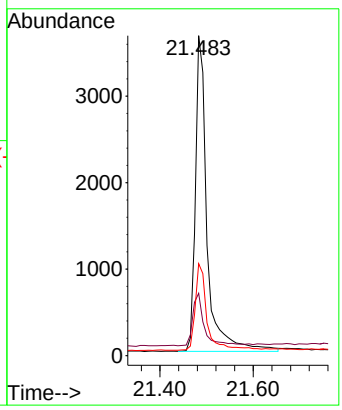


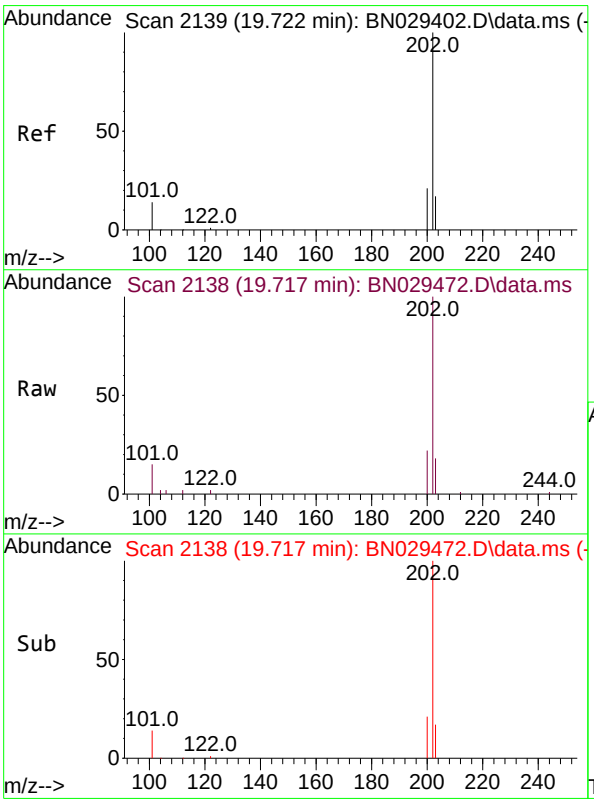
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6348

Ion	Ratio	Lower	Upper
240	100		
120	19.5	16.7	25.1
236	28.7	23.9	35.9

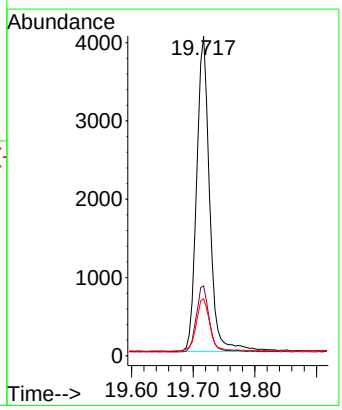


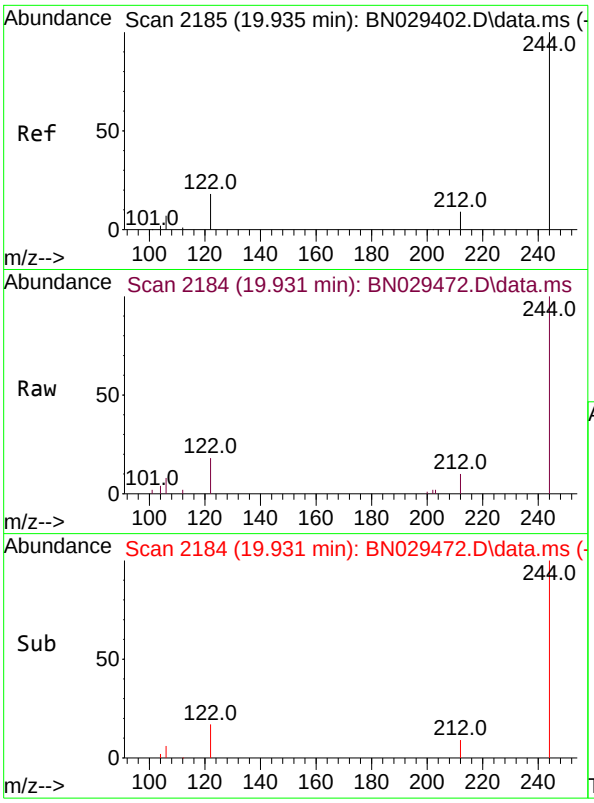


#30
Pyrene
Concen: 0.202 ng
RT: 19.717 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:202 Resp: 5915

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	14.2	21.4



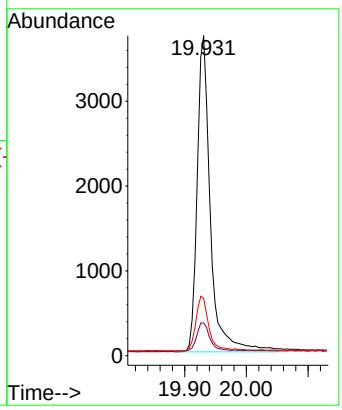


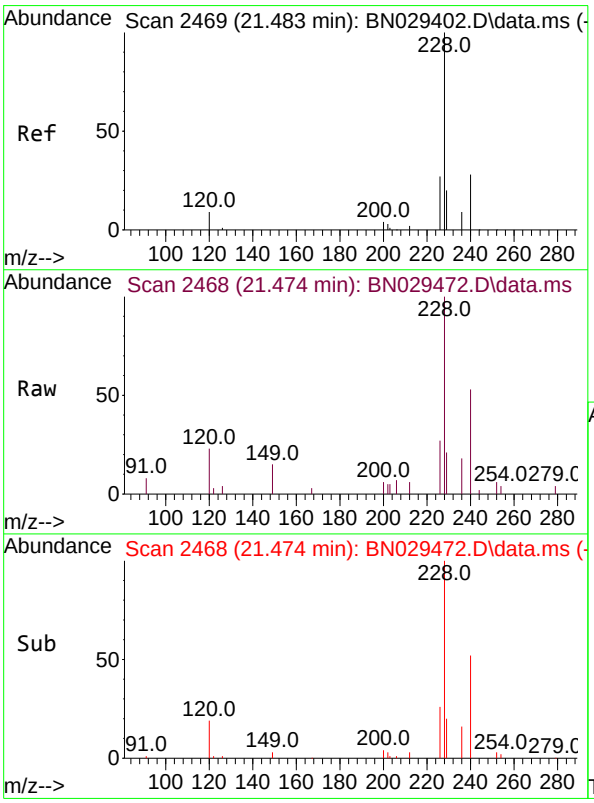
#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5534

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.2	12.4
122	17.9	15.6	23.4

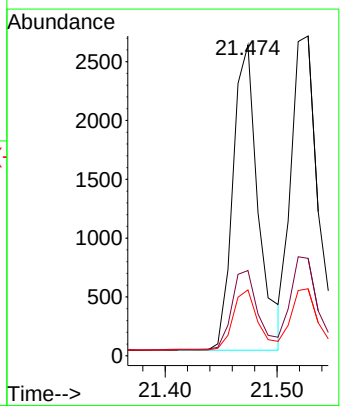


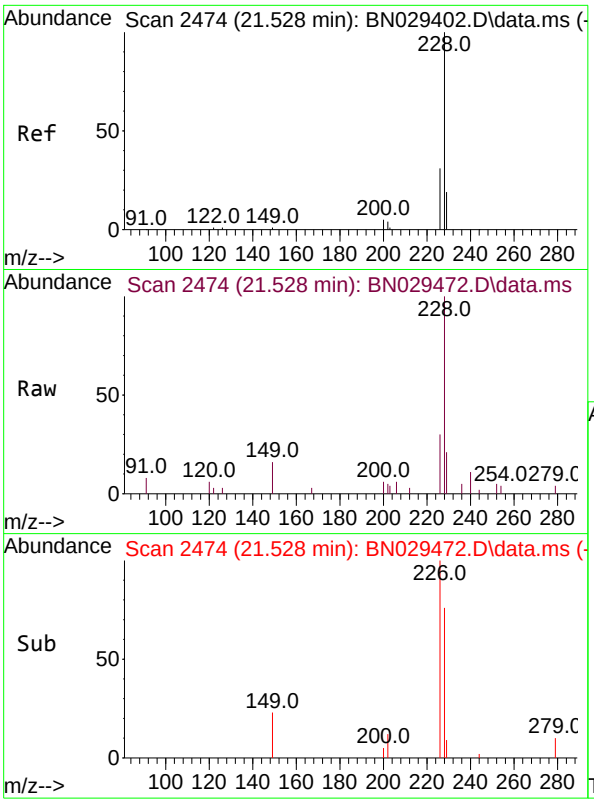


#32
Benzo(a)anthracene
Concen: 0.188 ng
RT: 21.474 min Scan# 2468
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:228 Resp: 4084

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	21.2	16.5	24.7



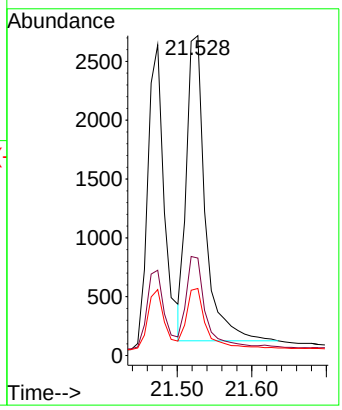


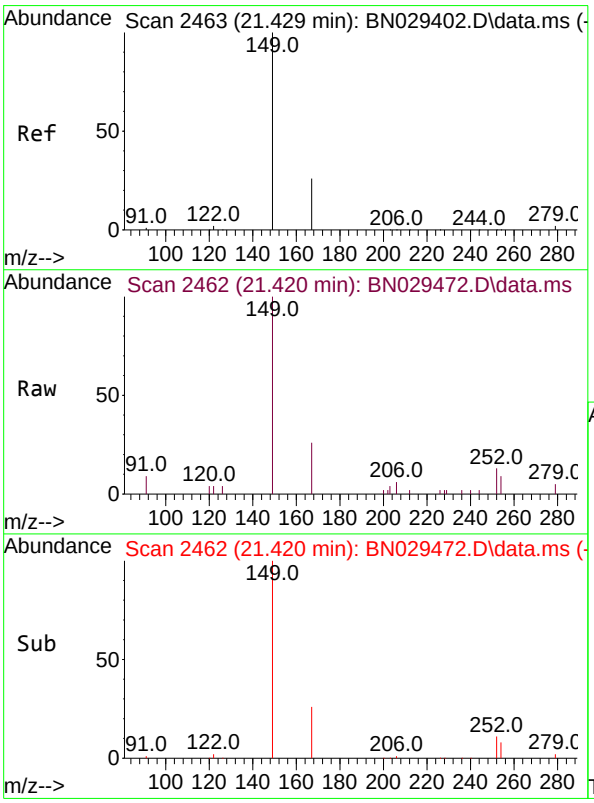
#33
Chrysene
Concen: 0.185 ng
RT: 21.528 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4565

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.0	15.9	23.9

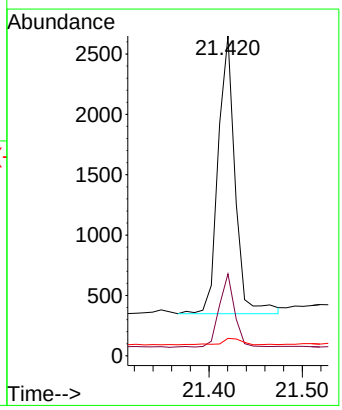


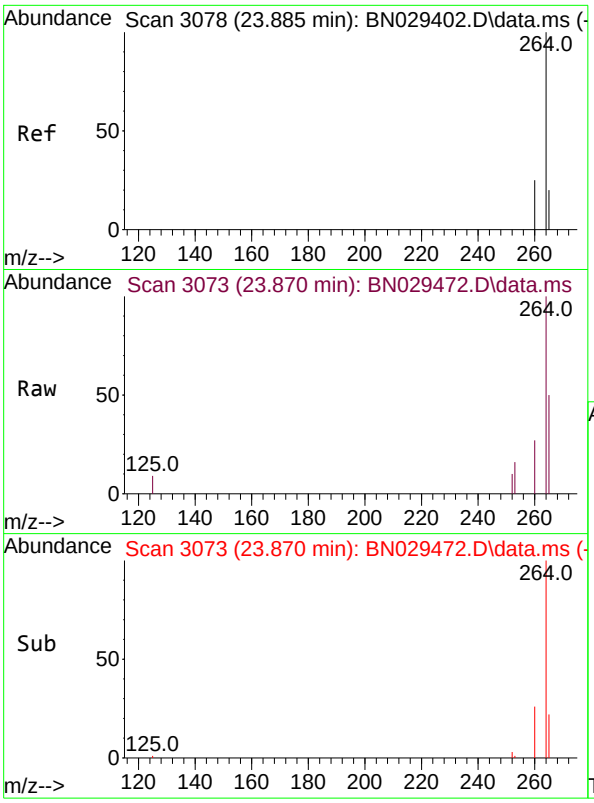


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:149 Resp: 2924

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.1	30.1
279	2.8	2.5	3.7



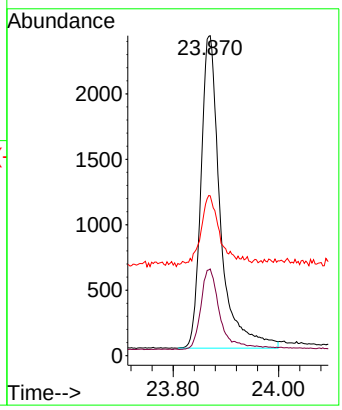


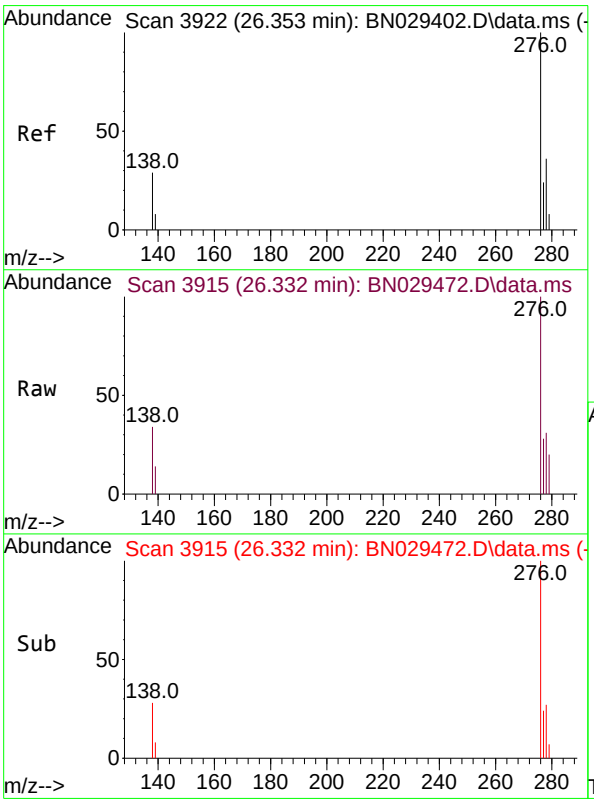
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.870 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 6082

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.2	31.8
265	49.9	41.5	62.3

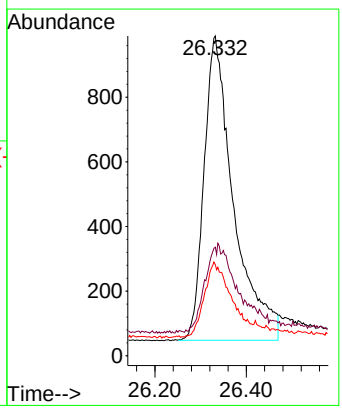


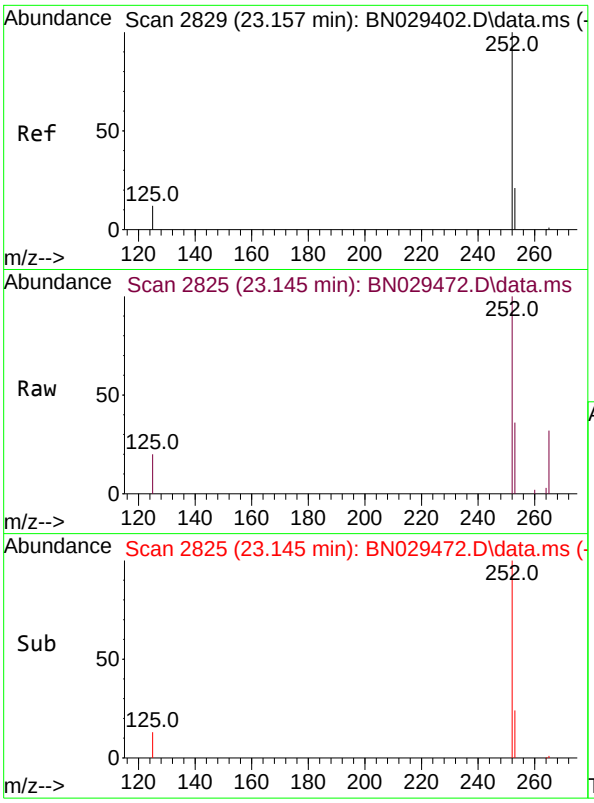


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng
RT: 26.332 min Scan# 3915
Delta R.T. -0.003 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:276 Resp: 4233

Ion	Ratio	Lower	Upper
276	100		
138	11.7	20.5	30.7#
277	22.3	17.0	25.4



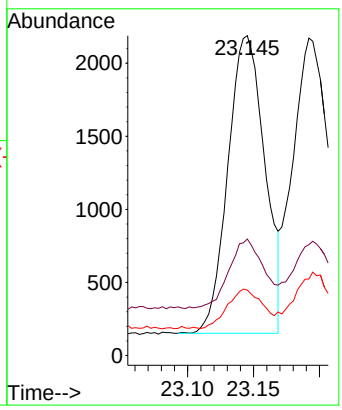


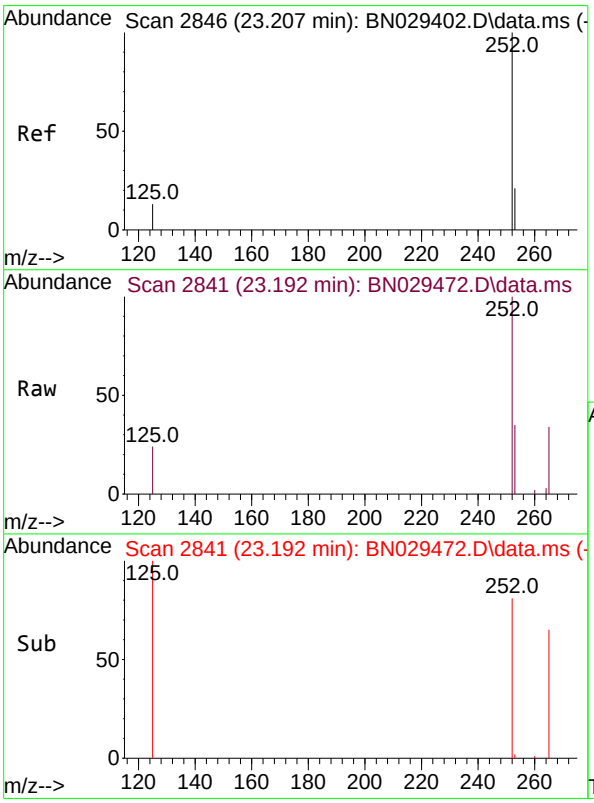
#37
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 23.145 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3970

Ion	Ratio	Lower	Upper
252	100		
253	36.4	21.7	32.5#
125	20.5	13.3	19.9#

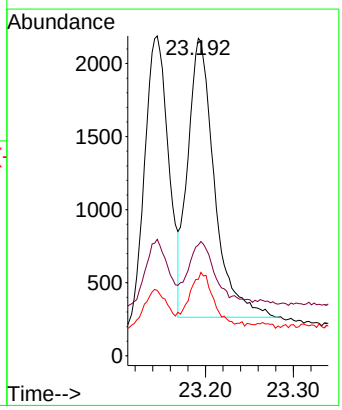


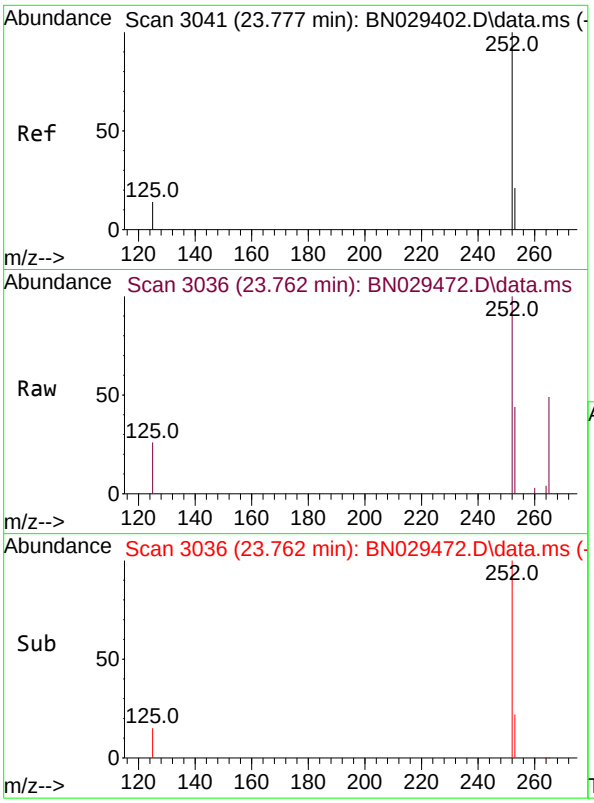


#38
Benzo(k)fluoranthene
Concen: 0.177 ng
RT: 23.192 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:252 Resp: 4035

Ion	Ratio	Lower	Upper
252	100		
253	34.9	21.8	32.8#
125	24.1	13.9	20.9#



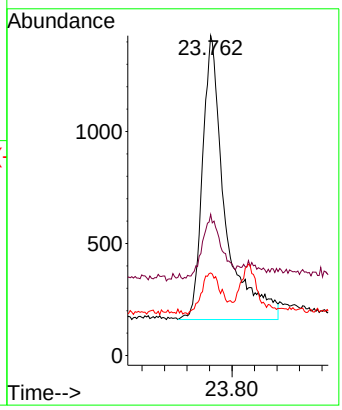


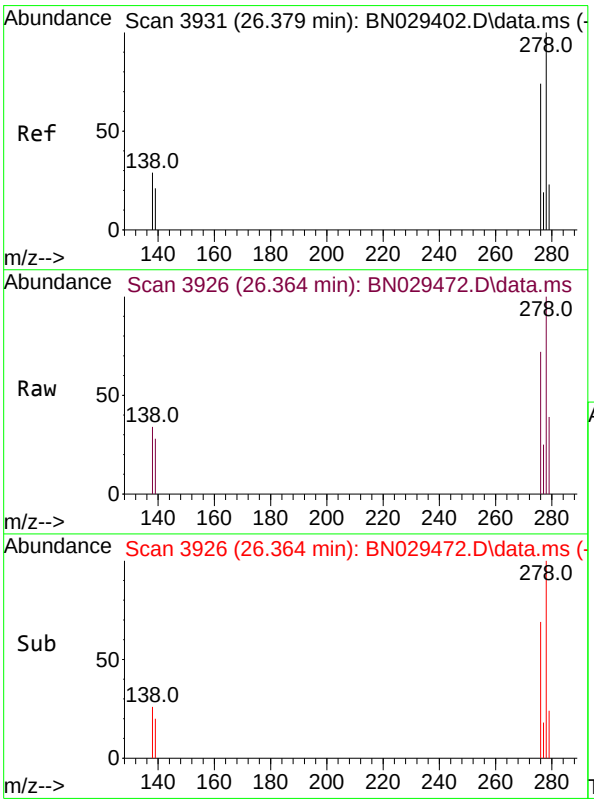
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.762 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3522

Ion	Ratio	Lower	Upper
252	100		
253	44.1	24.9	37.3#
125	25.8	16.6	25.0#

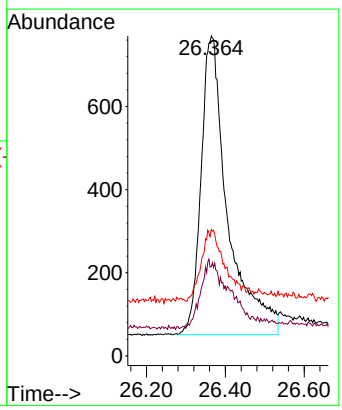


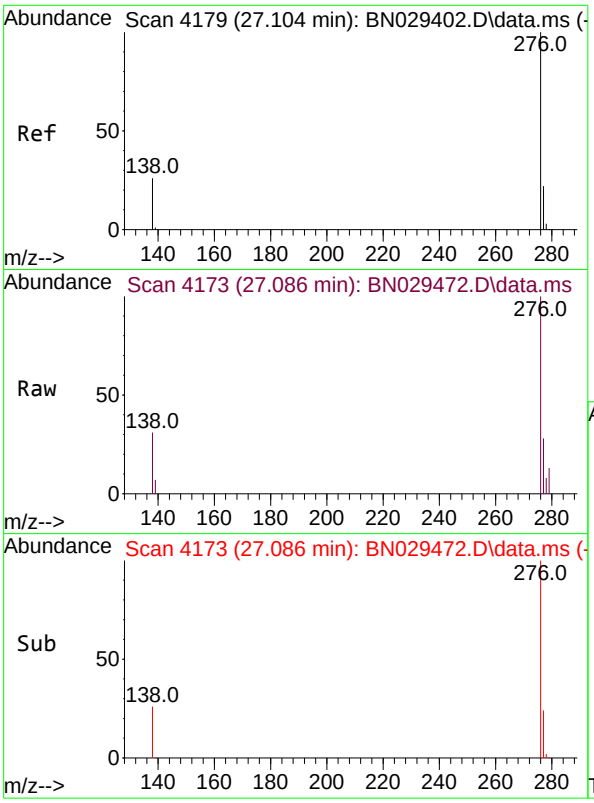


#40
Dibenzo(a,h)anthracene
Concen: 0.174 ng
RT: 26.364 min Scan# 3926
Delta R.T. -0.000 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Tgt Ion:278 Resp: 3395

Ion	Ratio	Lower	Upper
278	100		
139	27.9	20.4	30.6
279	39.5	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.167 ng
RT: 27.086 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN029472.D
Acq: 01 Feb 2024 05:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3955

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.4	29.2
138	31.4	23.5	35.3