Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012624\
Data File : BN029395.D
Acq On : 26 Jan 2024 15:34
Operator : MA/JU
Sample : PB158622BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Quant Time: Jan 26 16:11:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:42:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	3844	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	11577	0.400	ng	0.00
13) Acenaphthene-d10	14.543	164	6106	0.400	ng	-0.01
19) Phenanthrene-d10	17.305	188	13818	0.400	ng	0.00
29) Chrysene-d12	21.510	240	12545	0.400	ng	# 0.00
35) Perylene-d12	23.908	264	12472	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	3633	0.346	ng	0.00
5) Phenol-d6	7.067	99	5085	0.360	ng	0.00
8) Nitrobenzene-d5	9.067	82	3946	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.299	152	6116	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	847	0.315	ng	-0.01
15) 2-Fluorobiphenyl	13.175	172	9378	0.332	ng	0.00
27) Fluoranthene-d10	19.341	212	12820	0.322	ng	0.00
31) Terphenyl-d14	19.949	244	10114	0.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1743	0.336	ng	99
3) n-Nitrosodimethylamine	3.716	42	1723	0.342	ng	# 98
6) bis(2-Chloroethyl)ether	7.342	93	4601	0.350	ng	99
9) Naphthalene	10.754	128	12448	0.338	ng	99
10) Hexachlorobutadiene	11.032	225	2283	0.339	ng	# 99
12) 2-Methylnaphthalene	12.374	142	7741	0.327	ng	99
16) Acenaphthylene	14.265	152	10211	0.316	ng	100
17) Acenaphthene	14.607	154	7061	0.327	ng	99
18) Fluorene	15.592	166	9290	0.324	ng	99
20) 4,6-Dinitro-2-methylph...	15.679	198	604	0.324	ng	94
21) 4-Bromophenyl-phenylether	16.498	248	2987	0.318	ng	97
22) Hexachlorobenzene	16.597	284	3541	0.329	ng	99
23) Atrazine	16.771	200	2120	0.301	ng	98
24) Pentachlorophenol	16.945	266	1195	0.358	ng	98
25) Phenanthrene	17.342	178	15245	0.324	ng	99
26) Anthracene	17.429	178	13145	0.317	ng	99
28) Fluoranthene	19.373	202	17840	0.323	ng	100
30) Pyrene	19.735	202	18321	0.322	ng	100
32) Benzo(a)anthracene	21.492	228	15923	0.312	ng	99
33) Chrysene	21.546	228	17456	0.329	ng	99
34) Bis(2-ethylhexyl)phtha...	21.447	149	9119	0.291	ng	99
36) Indeno(1,2,3-cd)pyrene	26.387	276	15920	0.295	ng	100
37) Benzo(b)fluoranthene	23.180	252	16676	0.316	ng	100
38) Benzo(k)fluoranthene	23.230	252	16626	0.324	ng	99
39) Benzo(a)pyrene	23.803	252	12947	0.304	ng	100
40) Dibenzo(a,h)anthracene	26.417	278	12864	0.296	ng	99
41) Benzo(g,h,i)perylene	27.145	276	14012	0.297	ng	99

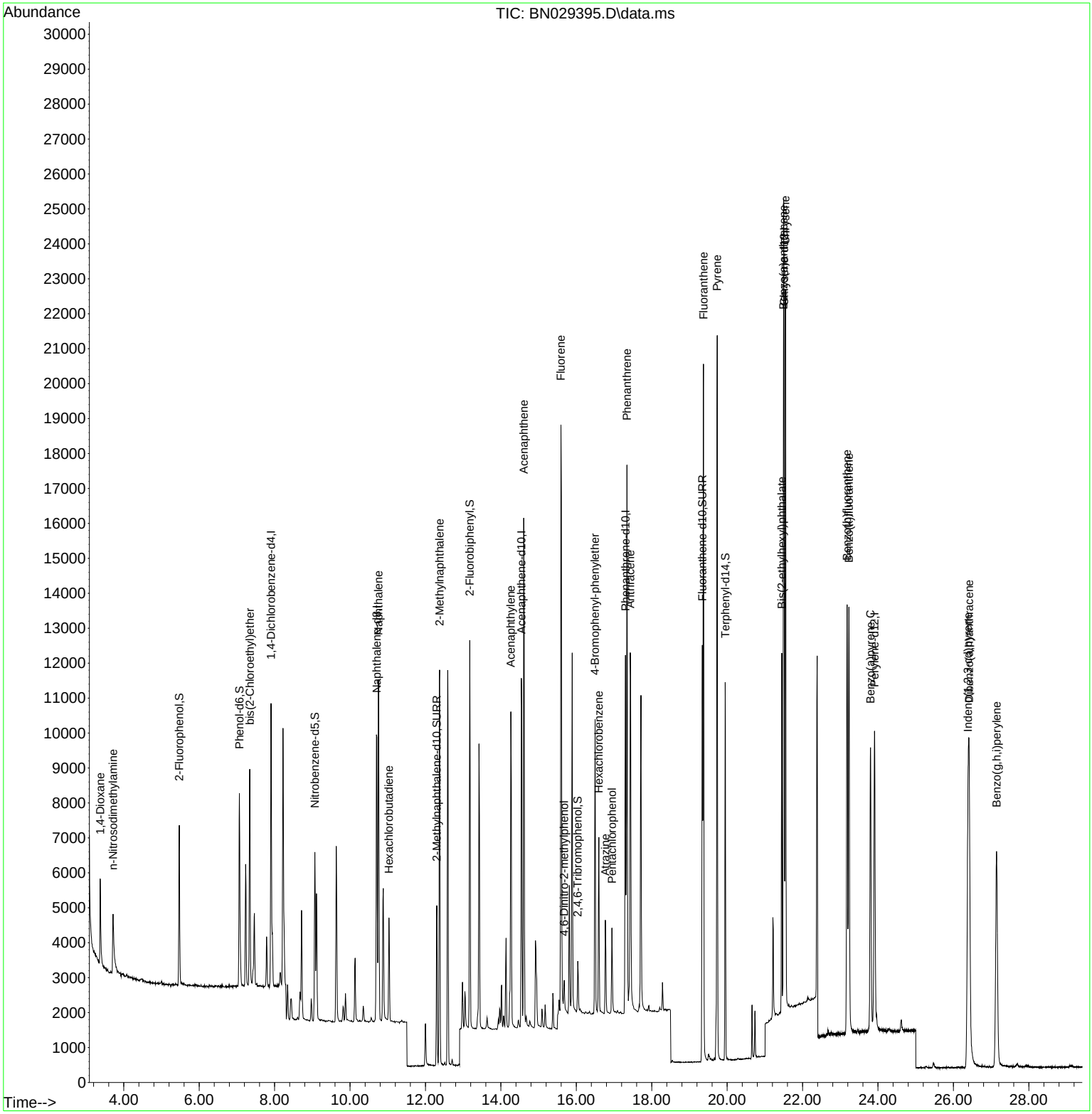
(#) = qualifier out of range (m) = manual integration (+) = signals summed

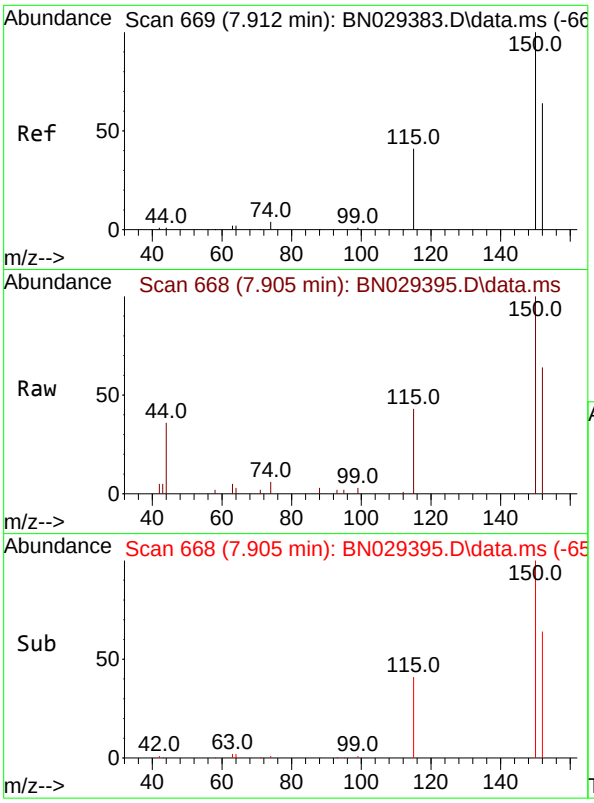
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012624\
Data File : BN029395.D
Acq On : 26 Jan 2024 15:34
Operator : MA/JU
Sample : PB158622BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Quant Time: Jan 26 16:11:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:42:55 2024
Response via : Initial Calibration



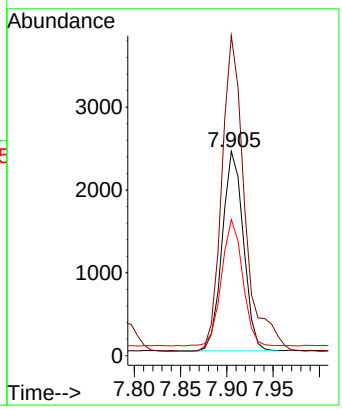


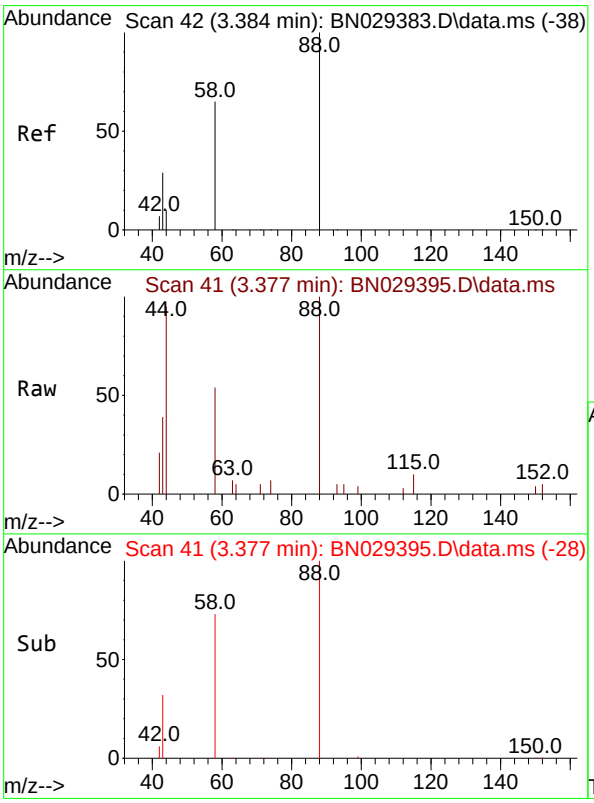
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.905 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:152 Resp: 3844

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.6	185.4
115	66.7	53.2	79.8

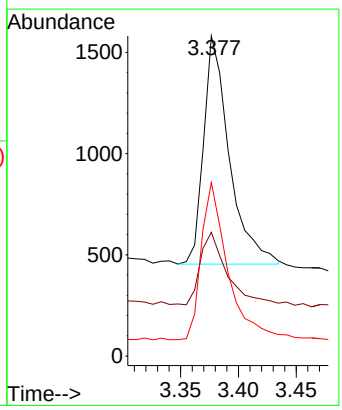


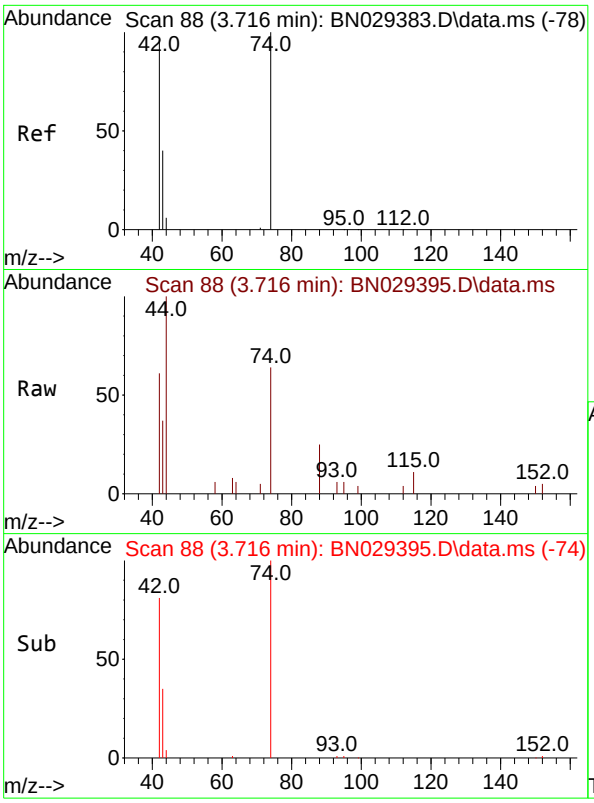


#2
1,4-Dioxane
Concen: 0.336 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion: 88 Resp: 1743

Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.3	37.9
58	70.7	56.9	85.3



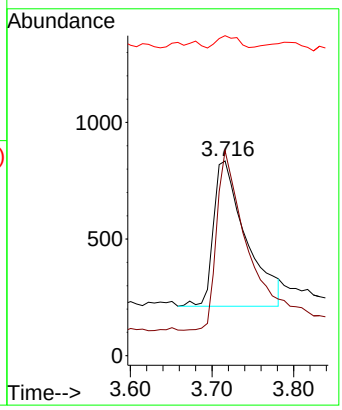


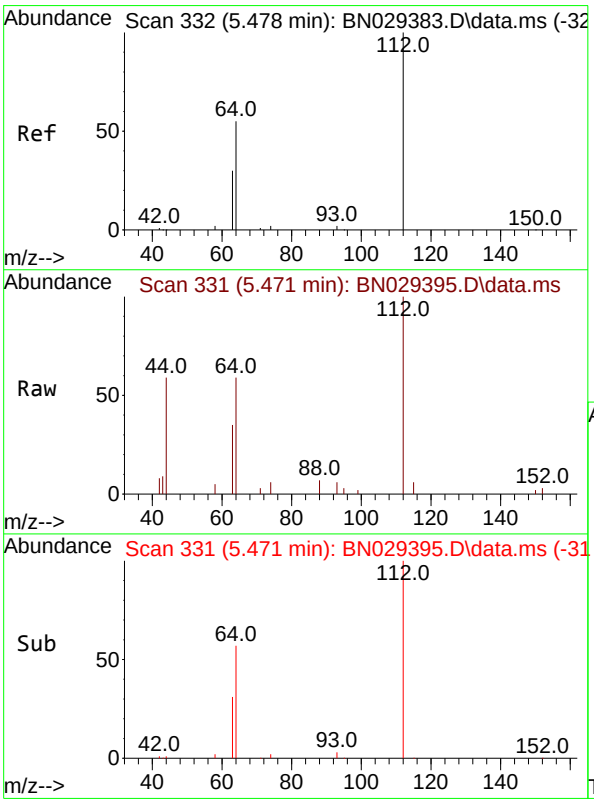
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion: 42 Resp: 1723

Ion	Ratio	Lower	Upper
42	100		
74	114.6	93.5	140.3
44	5.3	3.1	4.7#

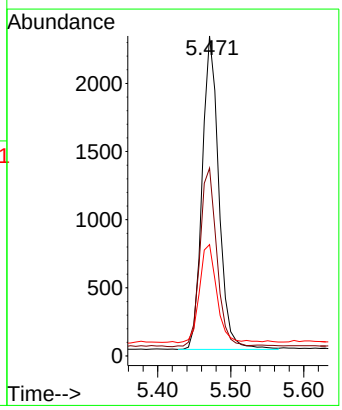


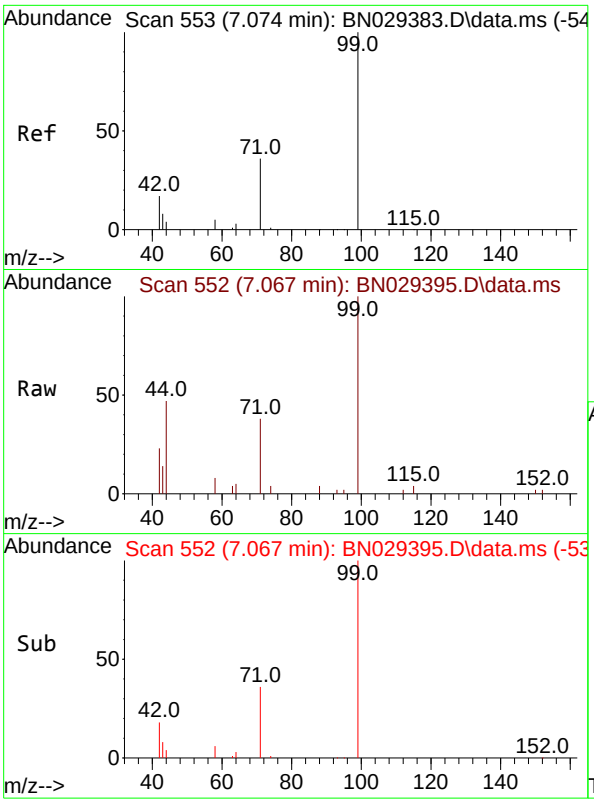


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.007 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:112 Resp: 3633

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.2	69.4
63	32.3	25.8	38.8



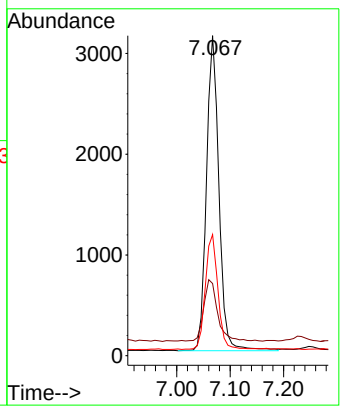


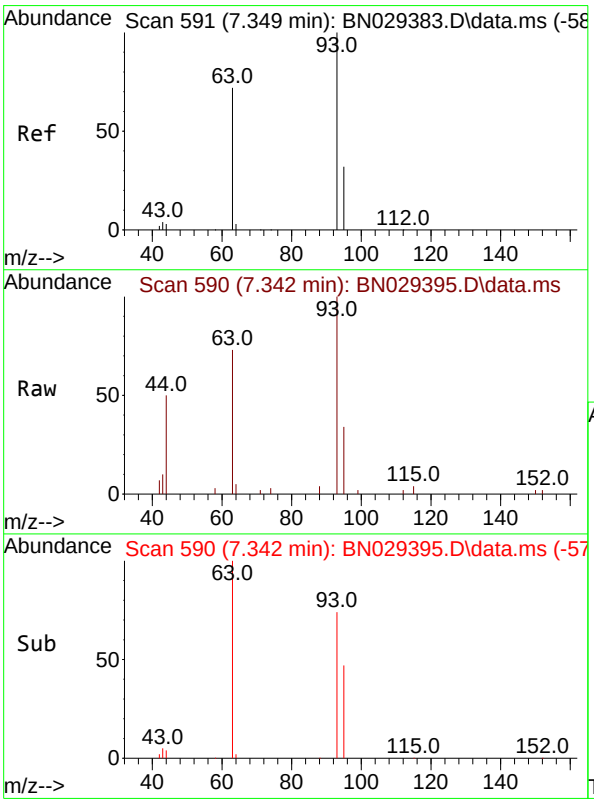
#5
Phenol-d6
Concen: 0.360 ng
RT: 7.067 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion: 99 Resp: 5085

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.9	25.3
71	36.8	29.7	44.5

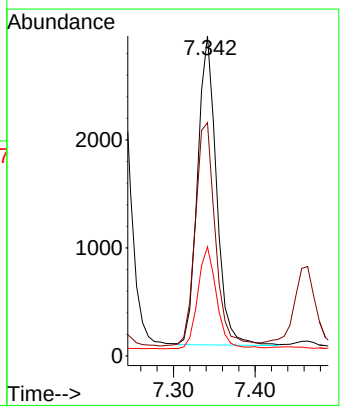


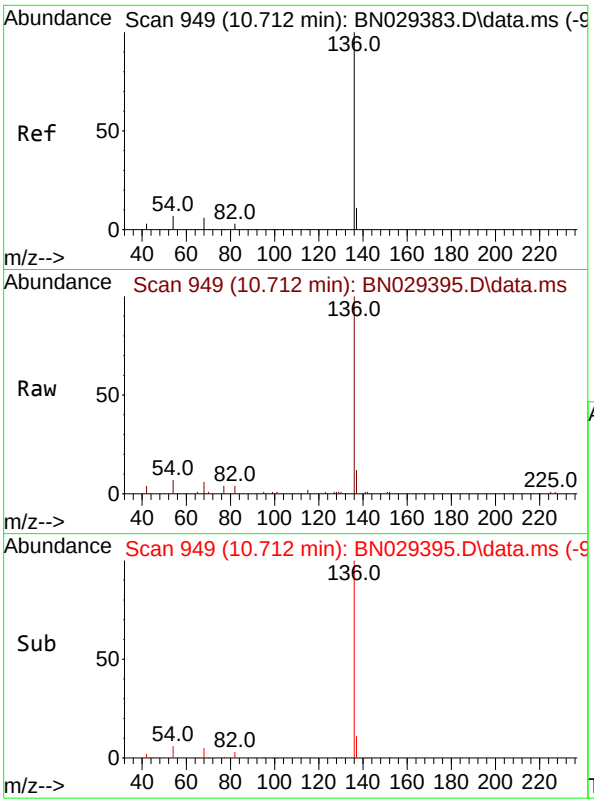


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.342 min Scan# 590
Delta R.T. -0.007 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion: 93 Resp: 4601

Ion	Ratio	Lower	Upper
93	100		
63	76.9	62.2	93.2
95	33.1	26.3	39.5



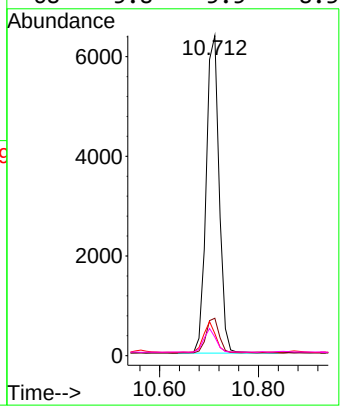


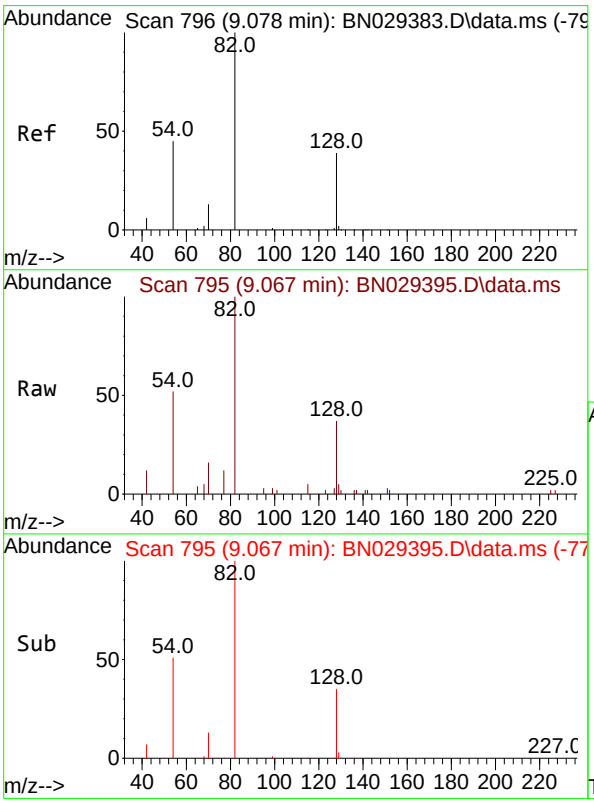
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:136 Resp: 11577

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	6.9	6.4	9.6
68	5.8	5.5	8.3

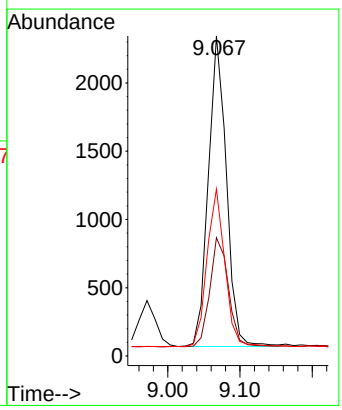


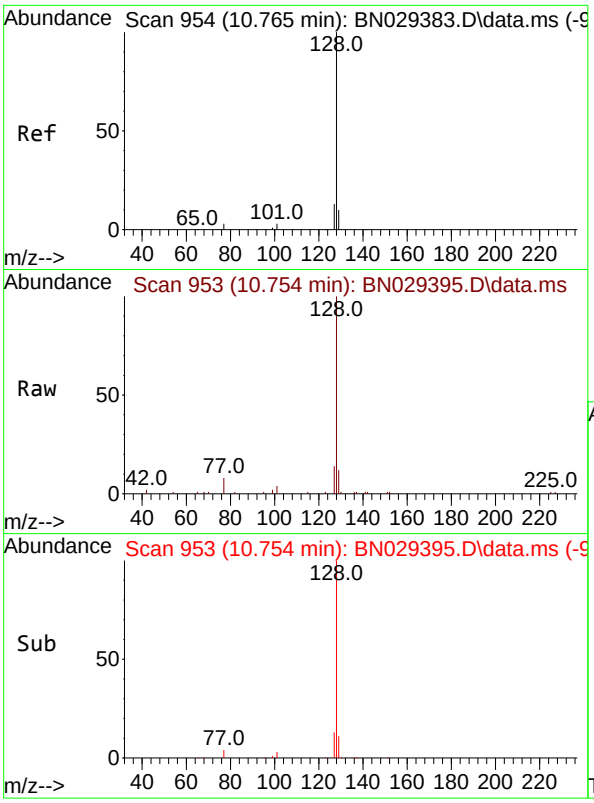


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion: 82 Resp: 3946

Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.0	49.6
54	52.2	37.6	56.4



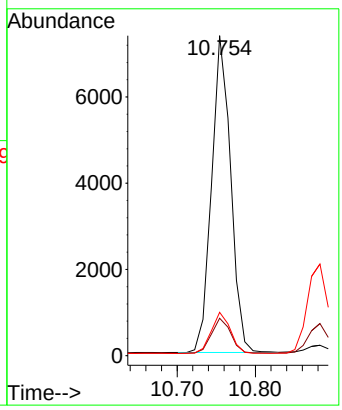


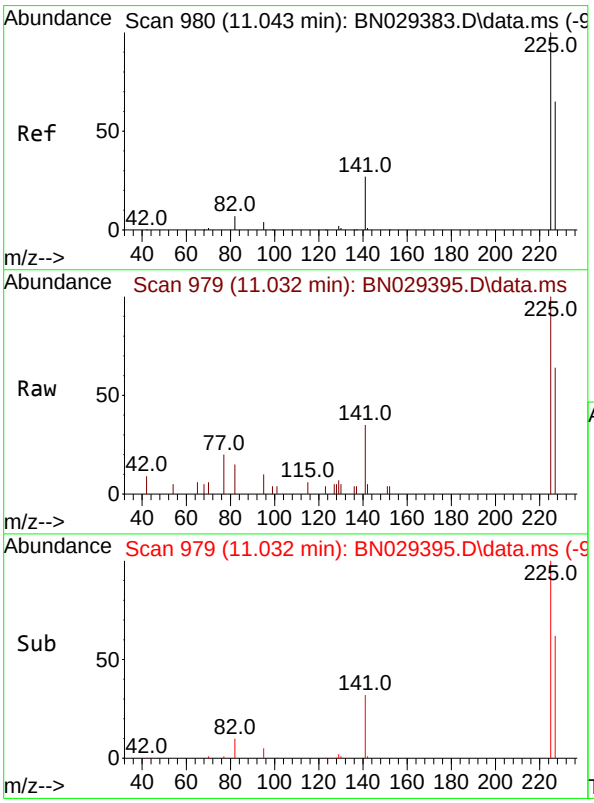
#9
Naphthalene
Concen: 0.338 ng
RT: 10.754 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:128 Resp: 12448

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.6	10.6	15.8

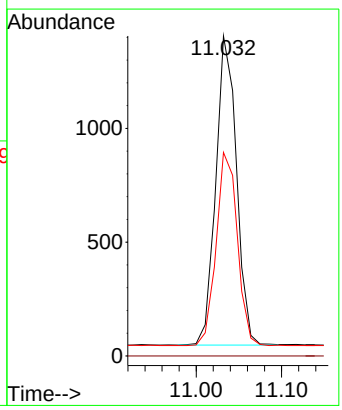


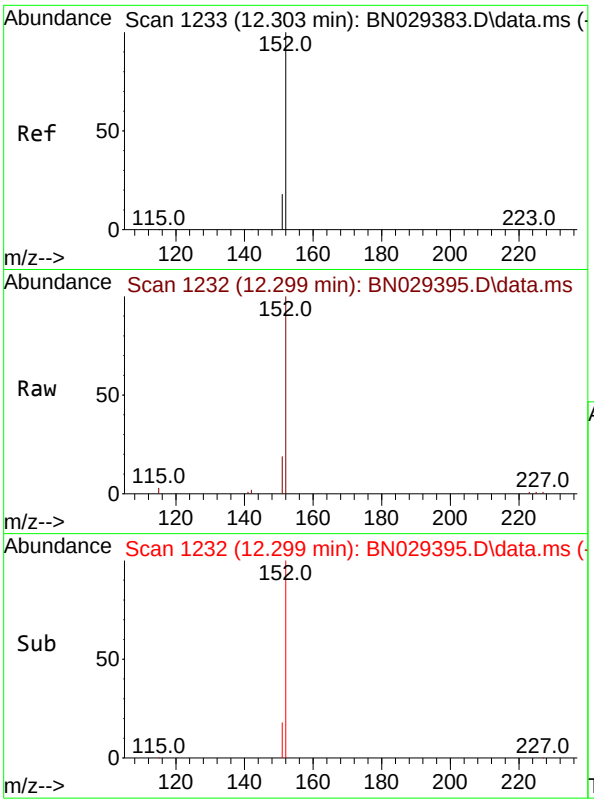


#10
Hexachlorobutadiene
Concen: 0.339 ng
RT: 11.032 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:225 Resp: 2283

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.6



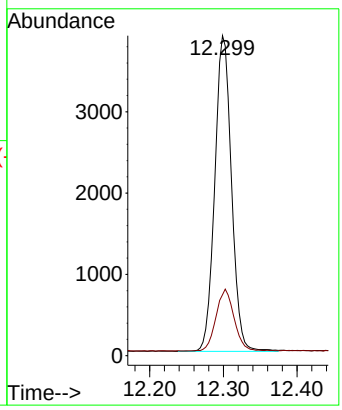


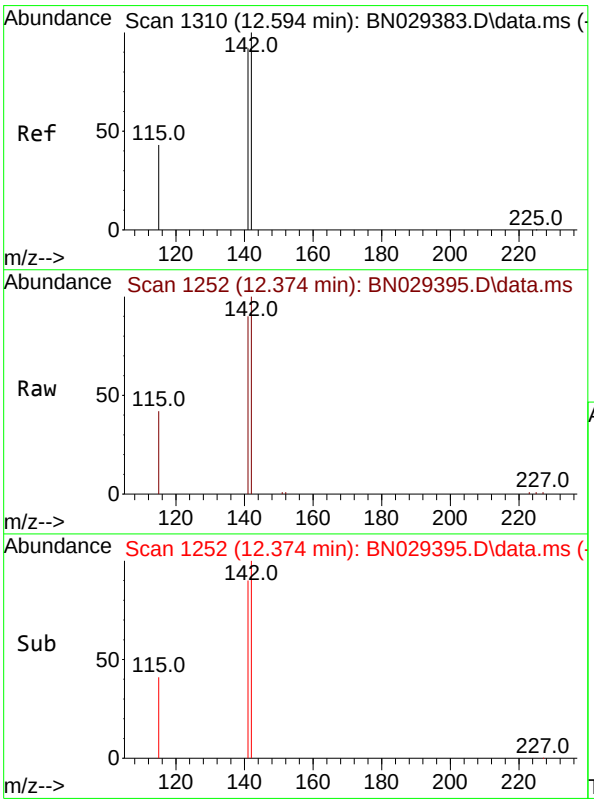
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.299 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:152 Resp: 6116

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2

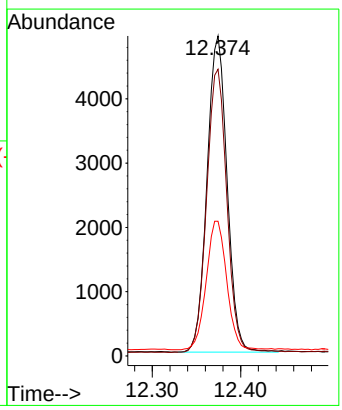


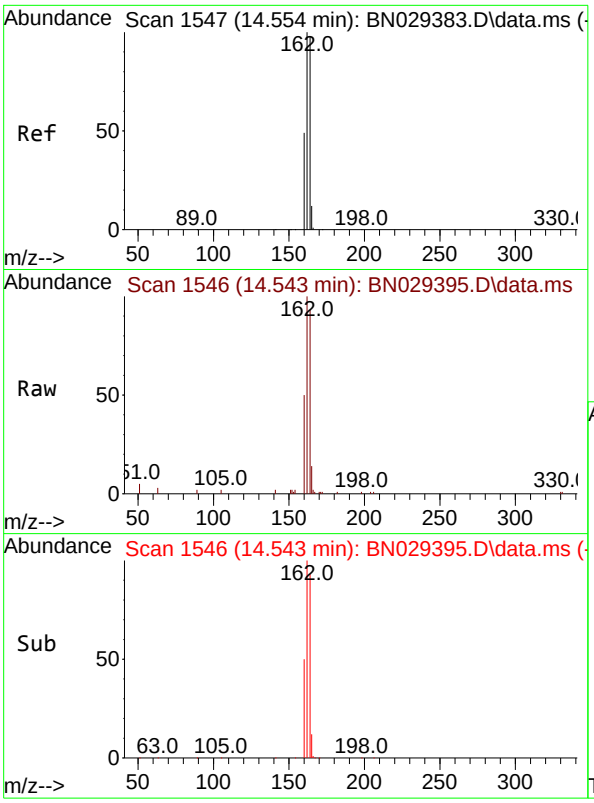


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.374 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:142 Resp: 7741

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.4
115	42.1	34.3	51.5



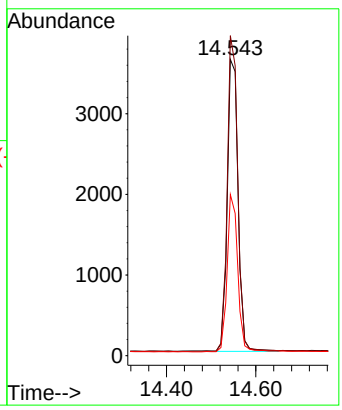


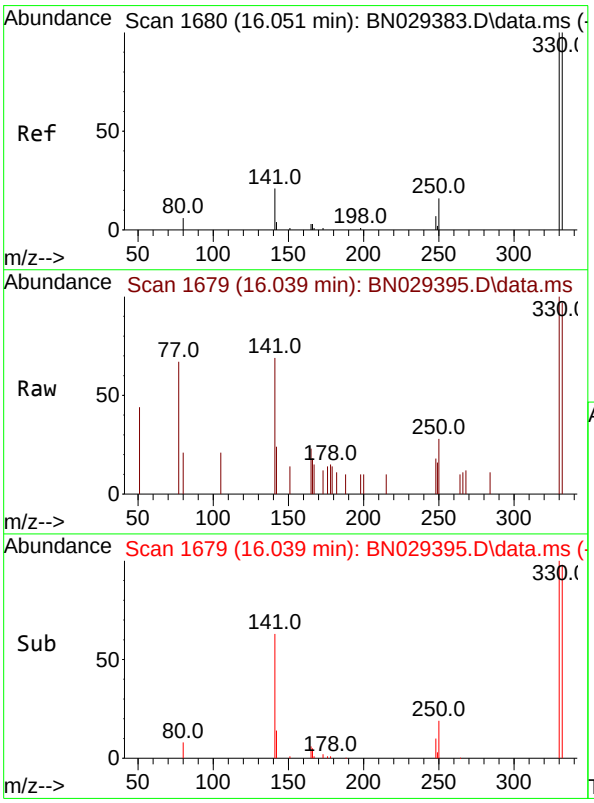
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.543 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:164 Resp: 6106

Ion	Ratio	Lower	Upper
164	100		
162	108.0	81.3	121.9
160	54.4	40.2	60.2

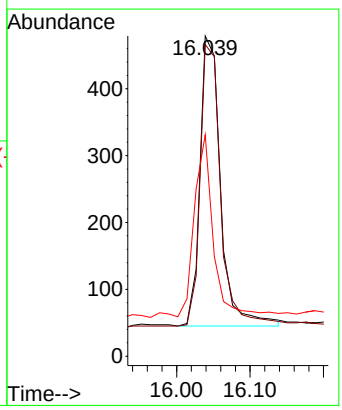


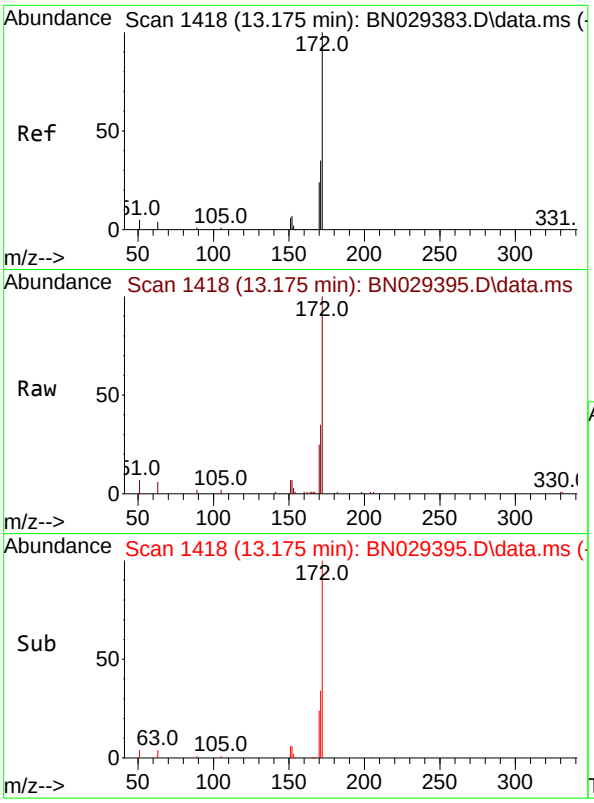


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.039 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:330 Resp: 847

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.5	113.3
141	59.4	43.0	64.6



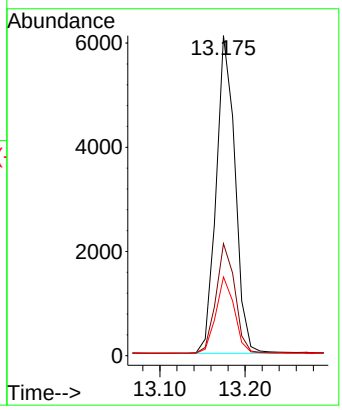


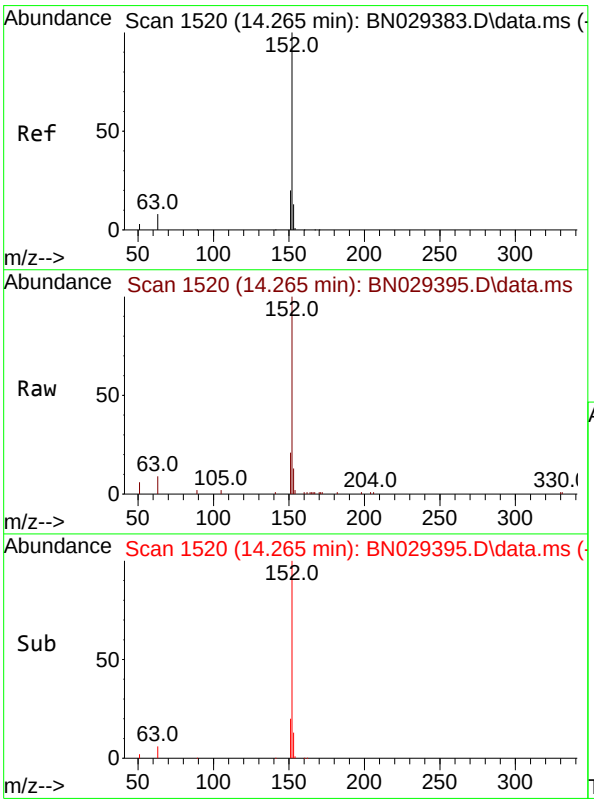
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.175 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:172 Resp: 9378

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	24.6	20.1	30.1

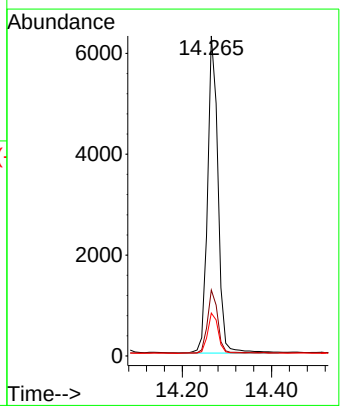


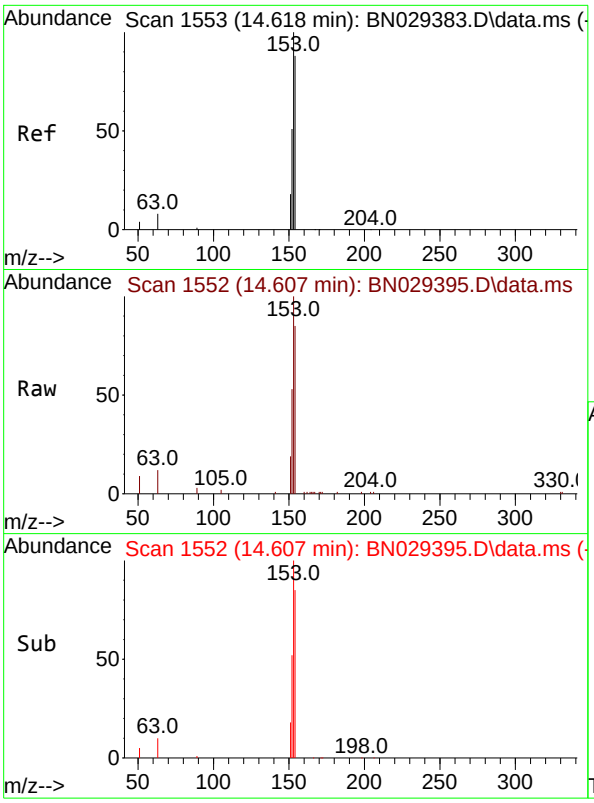


#16
Acenaphthylene
Concen: 0.316 ng
RT: 14.265 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:152 Resp: 10211

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.1	10.4	15.6



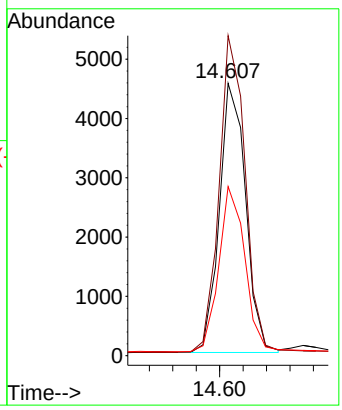


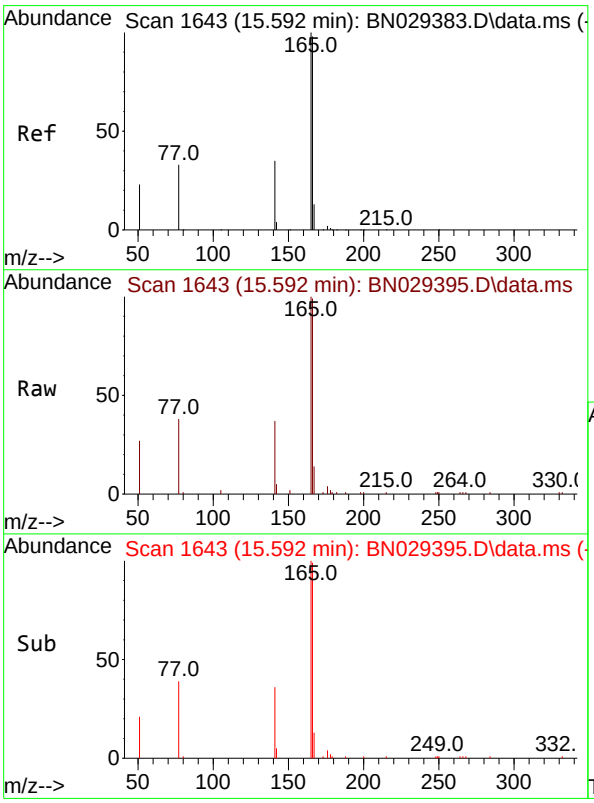
#17
Acenaphthene
Concen: 0.327 ng
RT: 14.607 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:154 Resp: 7061

Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.6	140.4
152	61.9	49.0	73.4

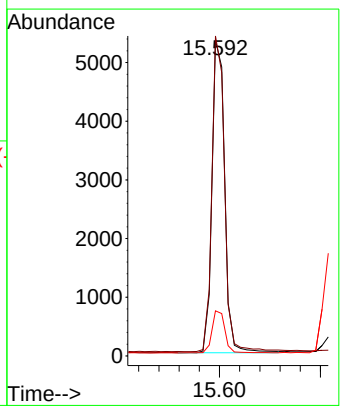


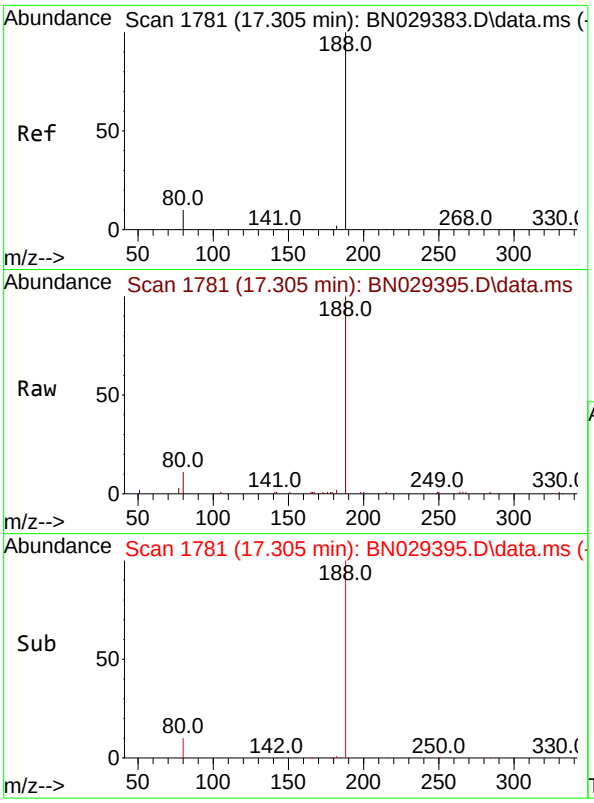


#18
Fluorene
Concen: 0.324 ng
RT: 15.592 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:166 Resp: 9290

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.7	119.5
167	13.7	10.7	16.1



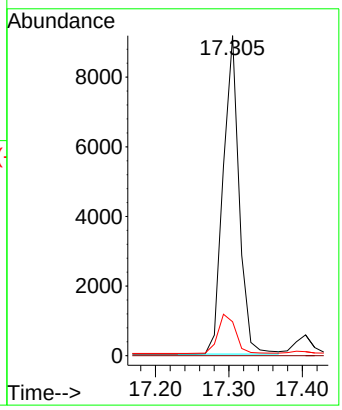


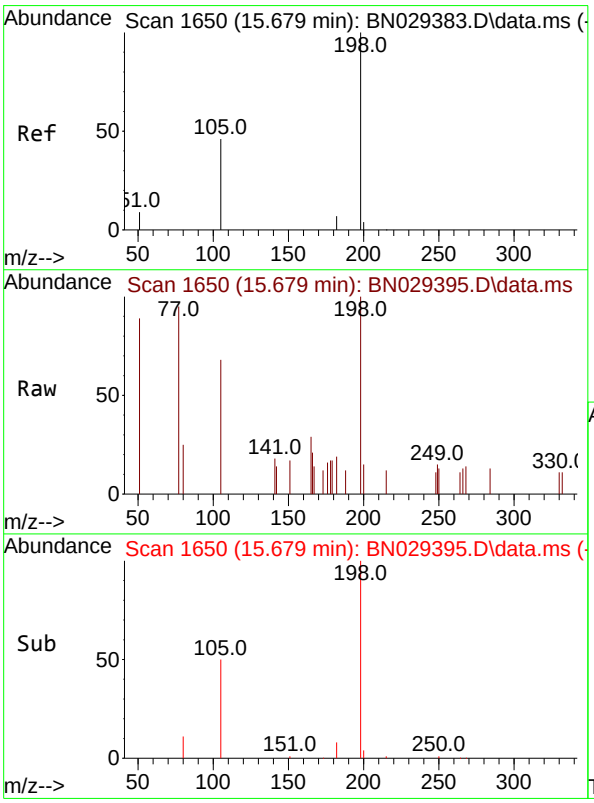
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:188 Resp: 13818

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.8	13.2

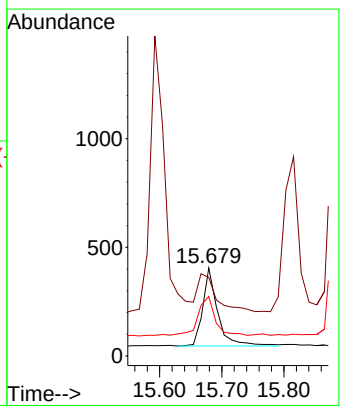


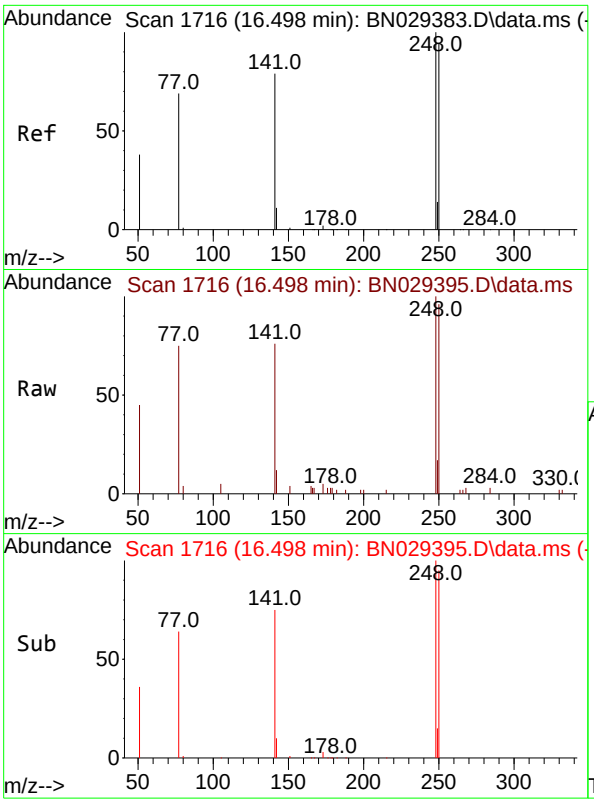


#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.679 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:198 Resp: 604

Ion	Ratio	Lower	Upper
198	100		
51	89.4	68.3	102.5
105	67.7	48.8	73.2



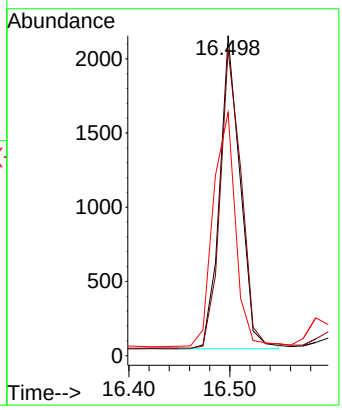


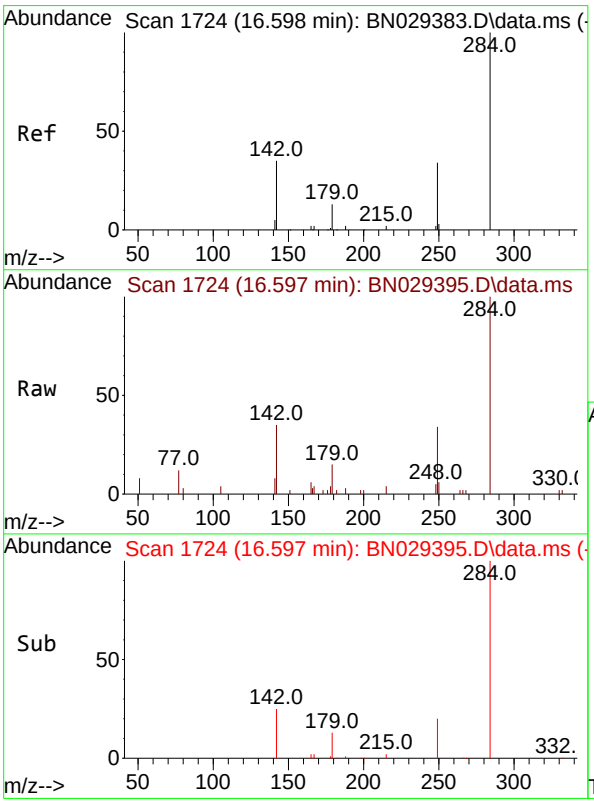
#21
4-Bromophenyl-phenylether
Concen: 0.318 ng
RT: 16.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:248 Resp: 2987

Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.6	113.4
141	76.0	64.0	96.0

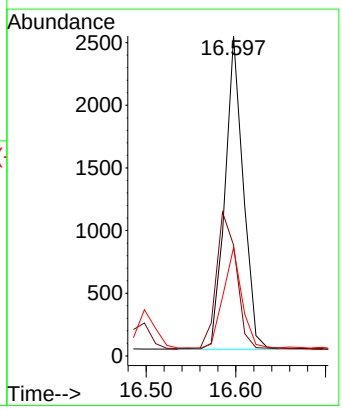


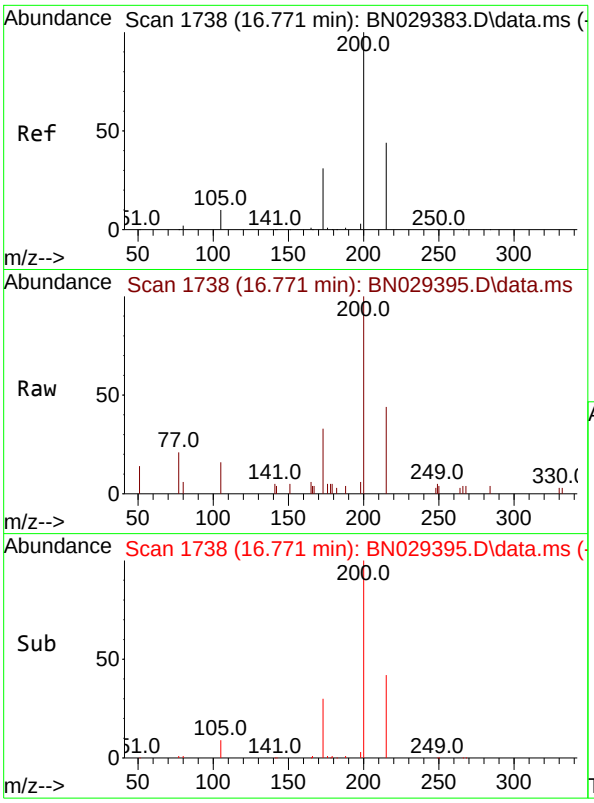


#22
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.597 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:284 Resp: 3541

Ion	Ratio	Lower	Upper
284	100		
142	47.6	37.8	56.8
249	32.8	26.7	40.1



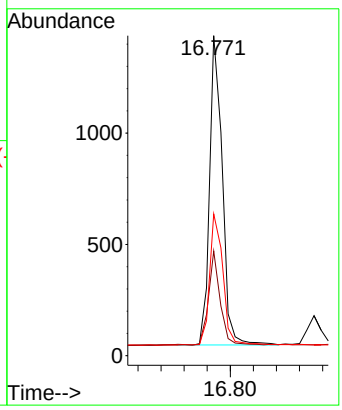


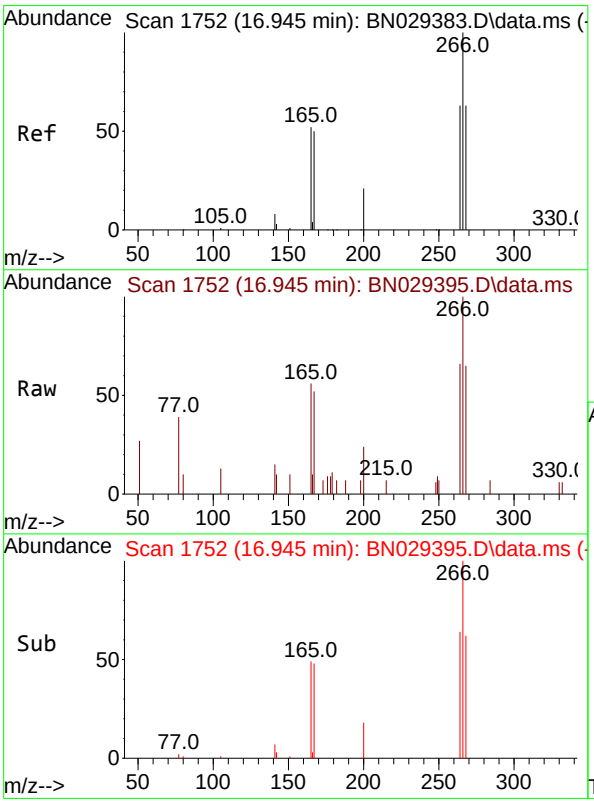
#23
Atrazine
Concen: 0.301 ng
RT: 16.771 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:200 Resp: 2120

Ion	Ratio	Lower	Upper
200	100		
173	32.7	26.6	40.0
215	44.3	36.8	55.2

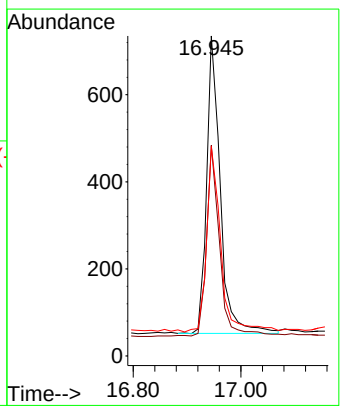


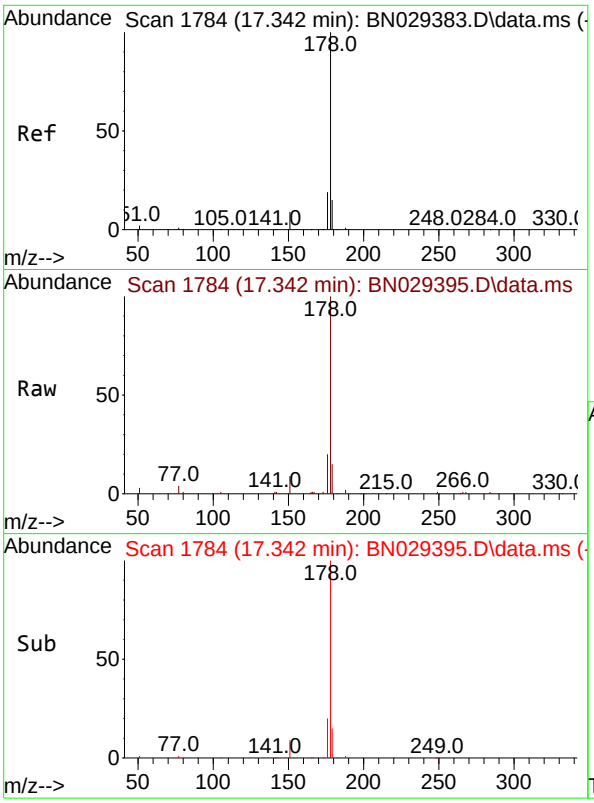


#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:266 Resp: 1195

Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.6	75.8
268	65.4	51.9	77.9



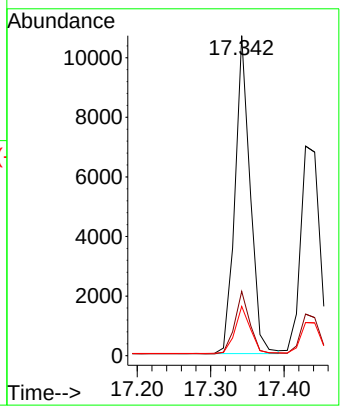


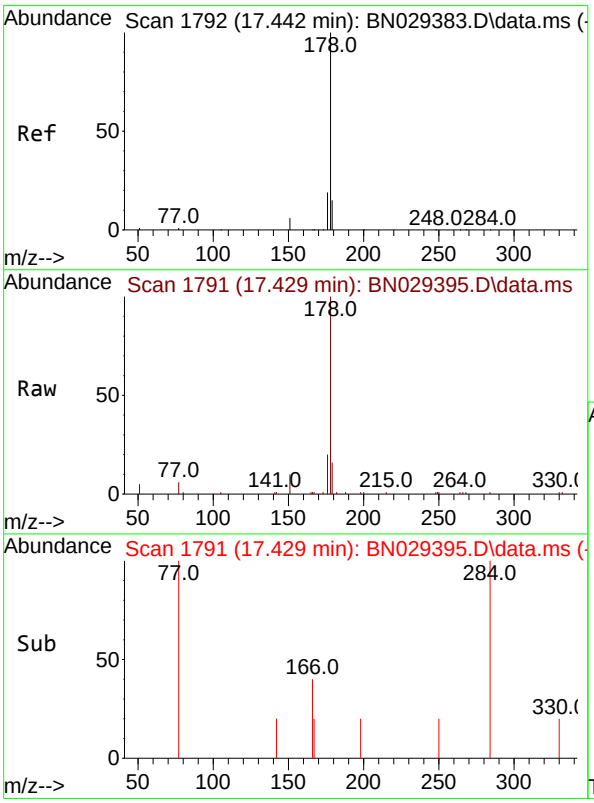
#25
Phenanthrene
Concen: 0.324 ng
RT: 17.342 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:178 Resp: 15245

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.2	18.4

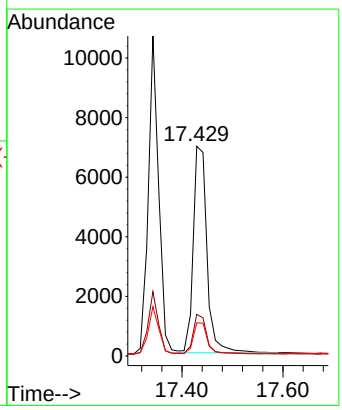


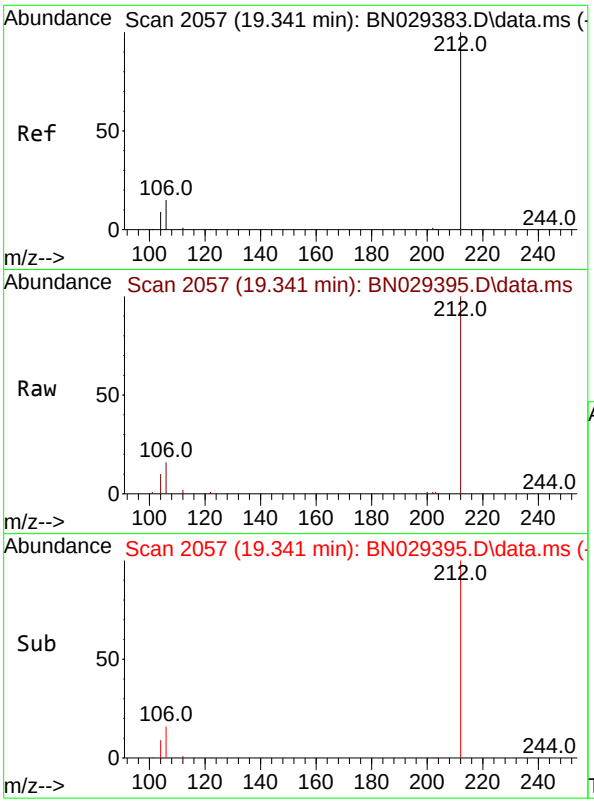


#26
Anthracene
Concen: 0.317 ng
RT: 17.429 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:178 Resp: 13145

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.8	12.1	18.1



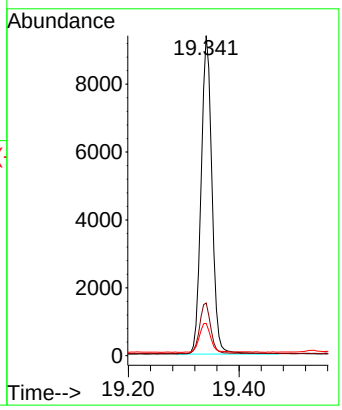


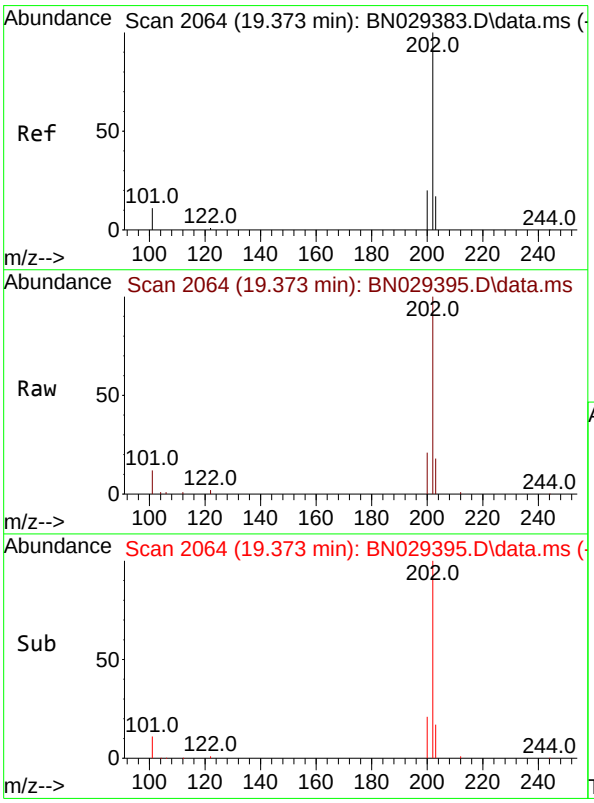
#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.341 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:212 Resp: 12820

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.8	19.2
104	9.6	7.7	11.5

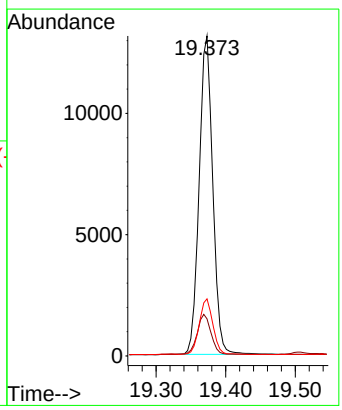


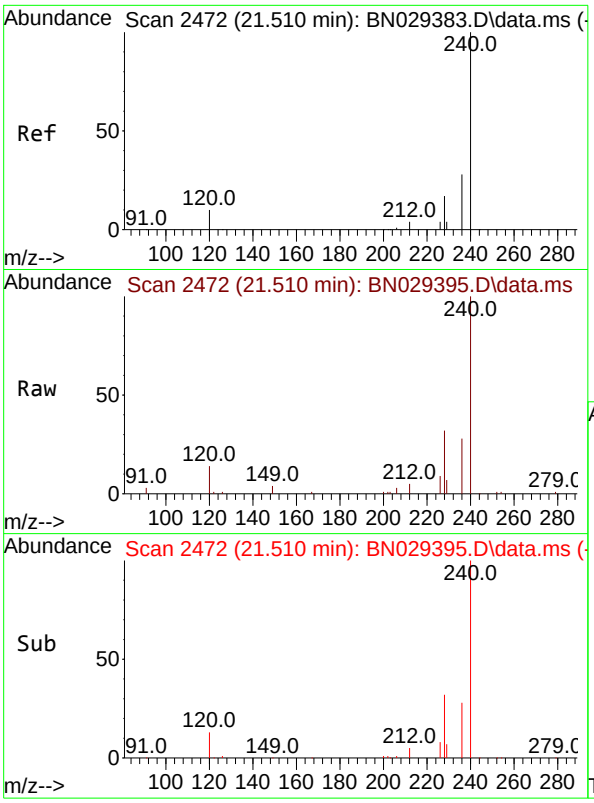


#28
Fluoranthene
Concen: 0.323 ng
RT: 19.373 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:202 Resp: 17840

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.5	15.7
203	17.4	13.8	20.6



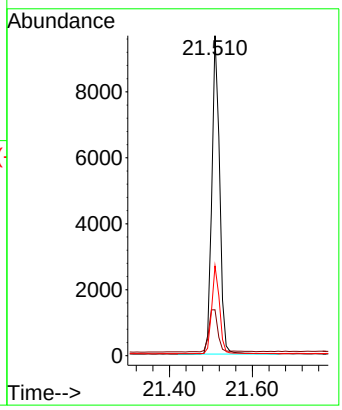


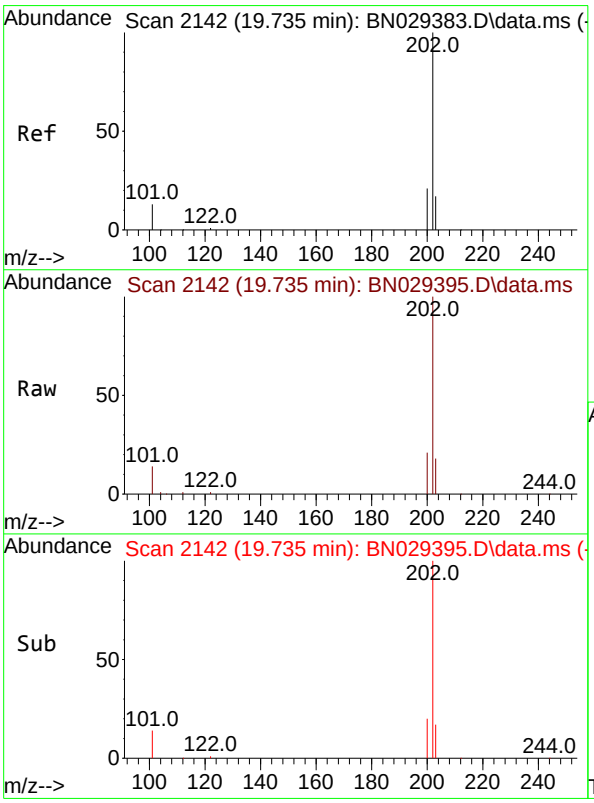
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:240 Resp: 12545

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.0	13.6#
236	28.0	22.6	34.0

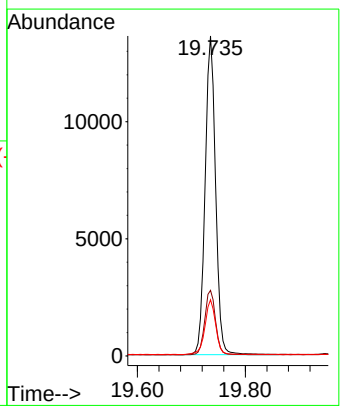


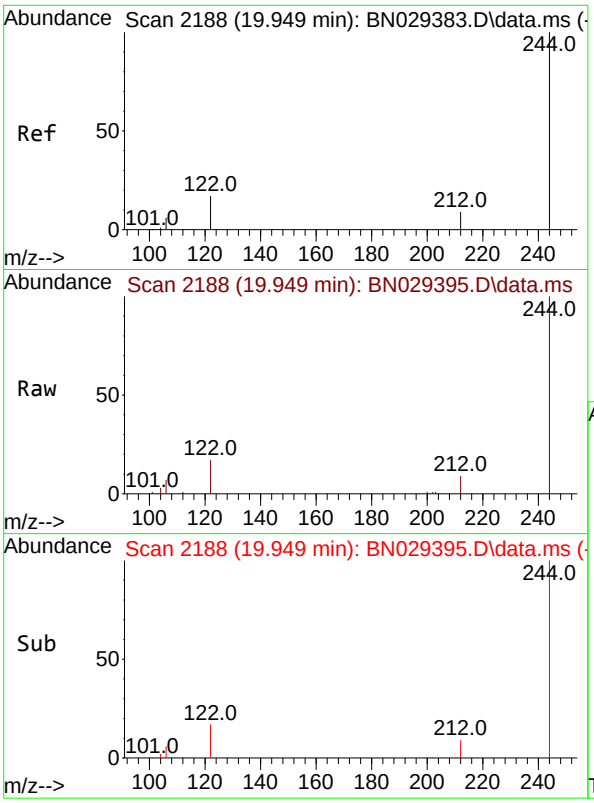


#30
Pyrene
Concen: 0.322 ng
RT: 19.735 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:202 Resp: 18321

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.7	14.2	21.2



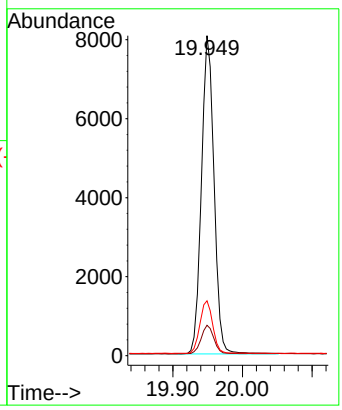


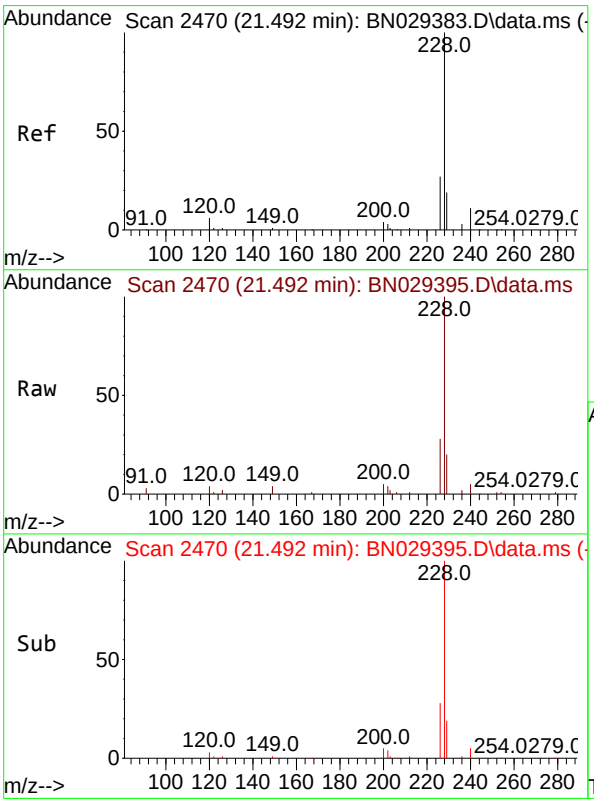
#31
Terphenyl-d14
Concen: 0.324 ng
RT: 19.949 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:244 Resp: 10114

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	17.2	13.8	20.8

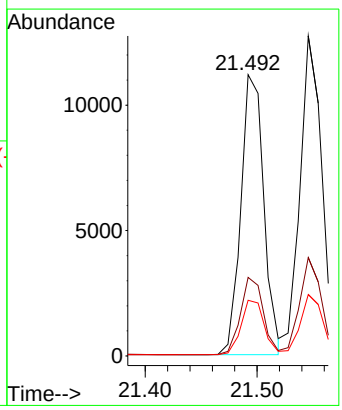


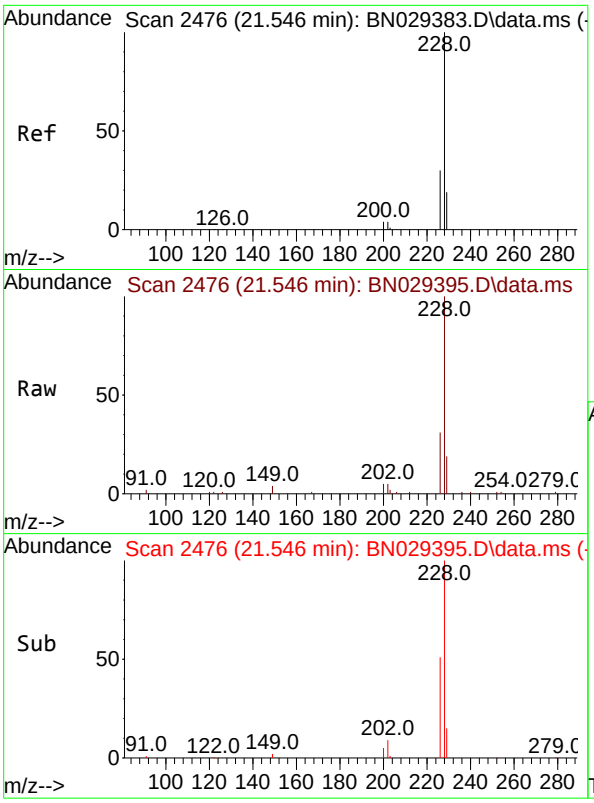


#32
Benzo(a)anthracene
Concen: 0.312 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:228 Resp: 15923

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	19.8	15.3	22.9



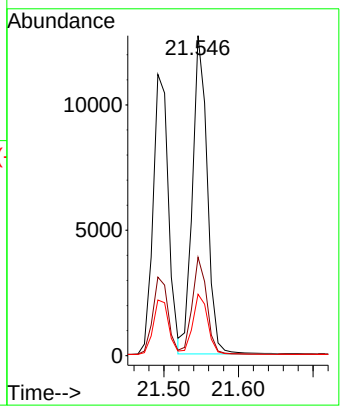


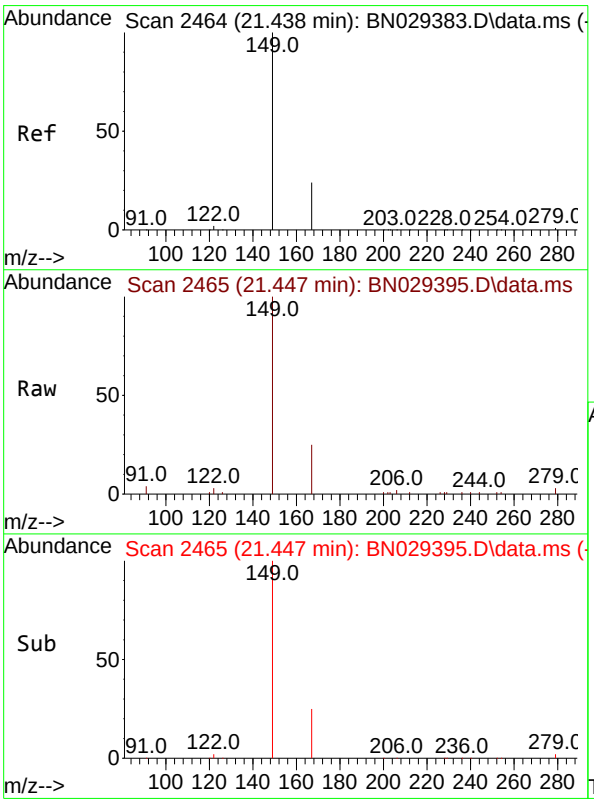
#33
Chrysene
Concen: 0.329 ng
RT: 21.546 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:228 Resp: 17456

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.2	15.8	23.8

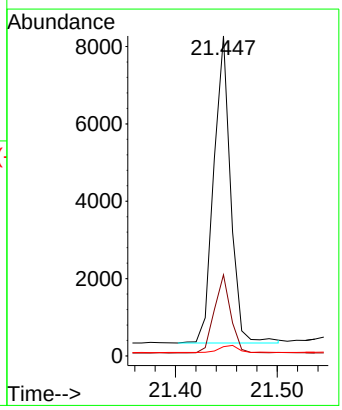


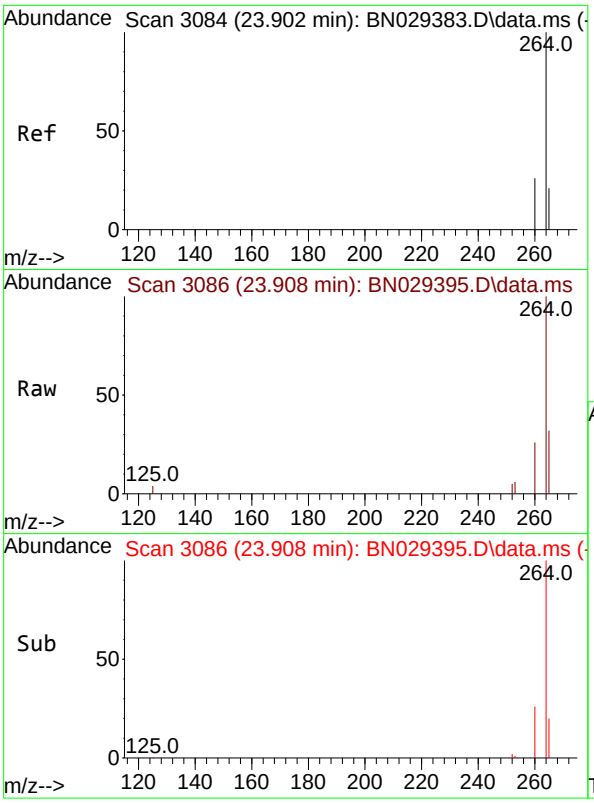


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.291 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:149 Resp: 9119

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.5	29.3
279	2.8	2.1	3.1



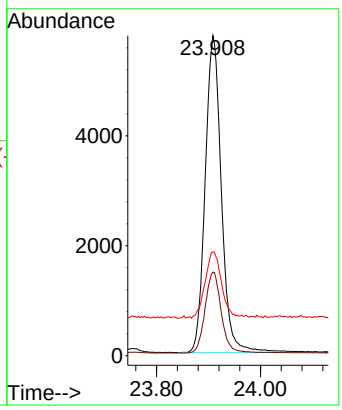


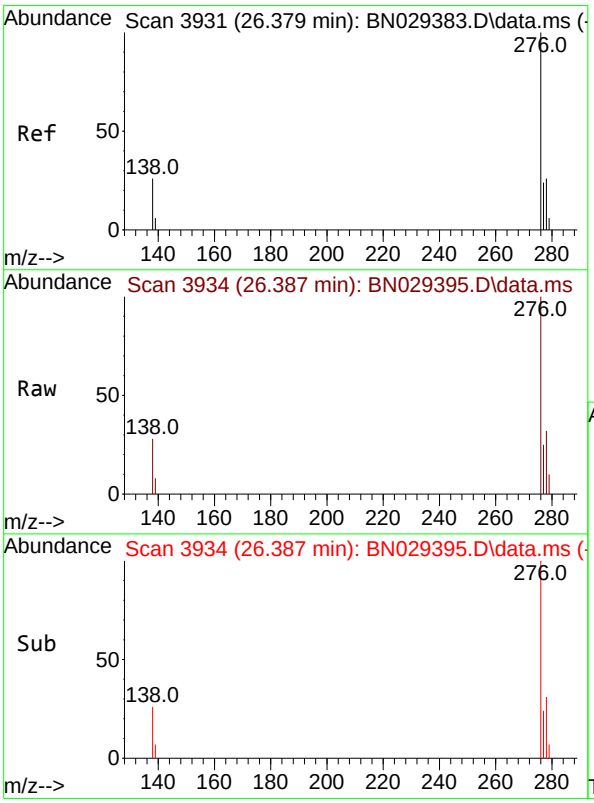
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.908 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:264 Resp: 12472

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.3	31.9
265	32.4	25.7	38.5

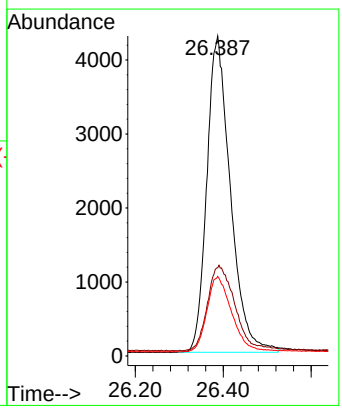


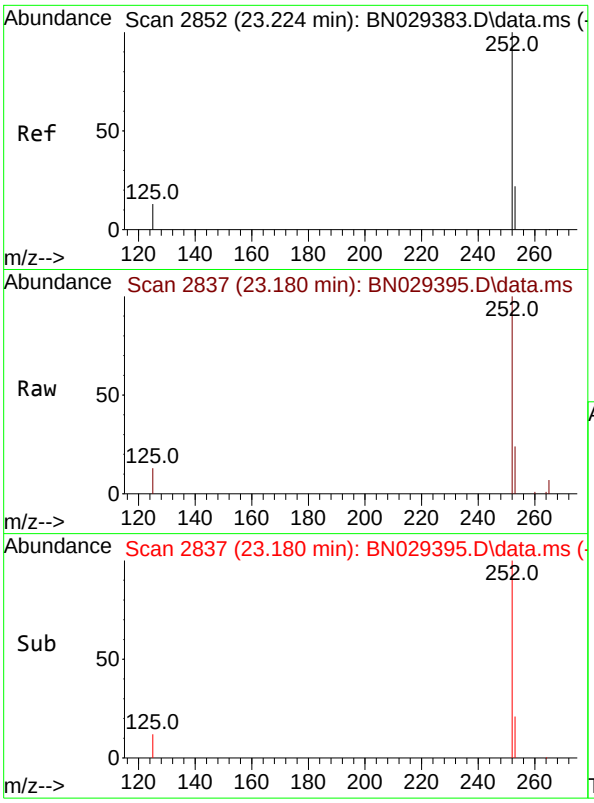


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng
RT: 26.387 min Scan# 3934
Delta R.T. 0.009 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:276 Resp: 15920

Ion	Ratio	Lower	Upper
276	100		
138	31.5	24.8	37.2
277	24.9	19.9	29.9



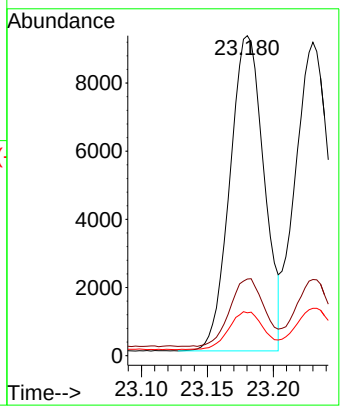


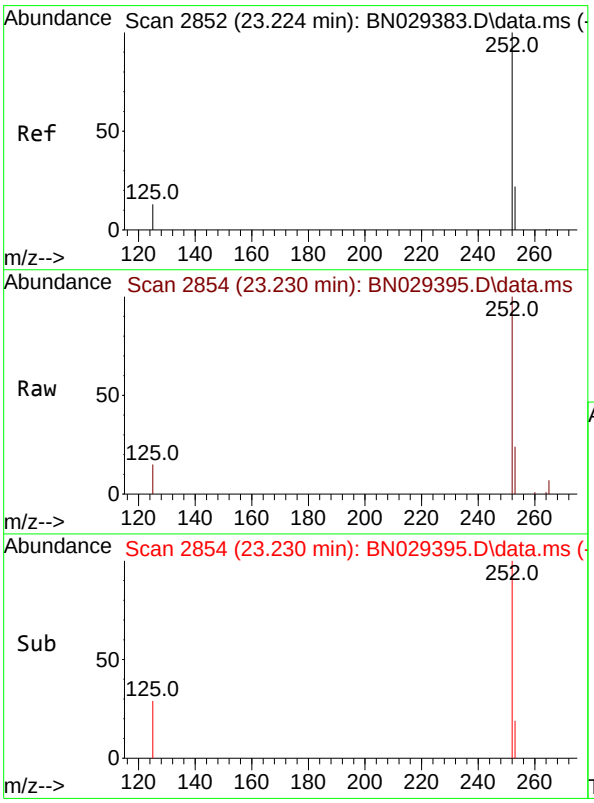
#37
Benzo(b)fluoranthene
Concen: 0.316 ng
RT: 23.180 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:252 Resp: 16676

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	13.4	10.7	16.1

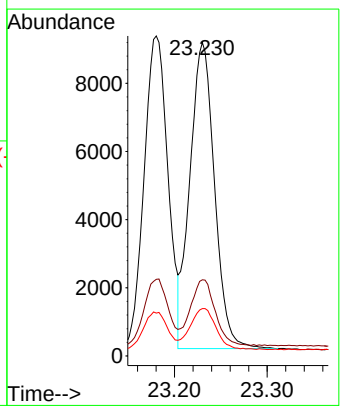


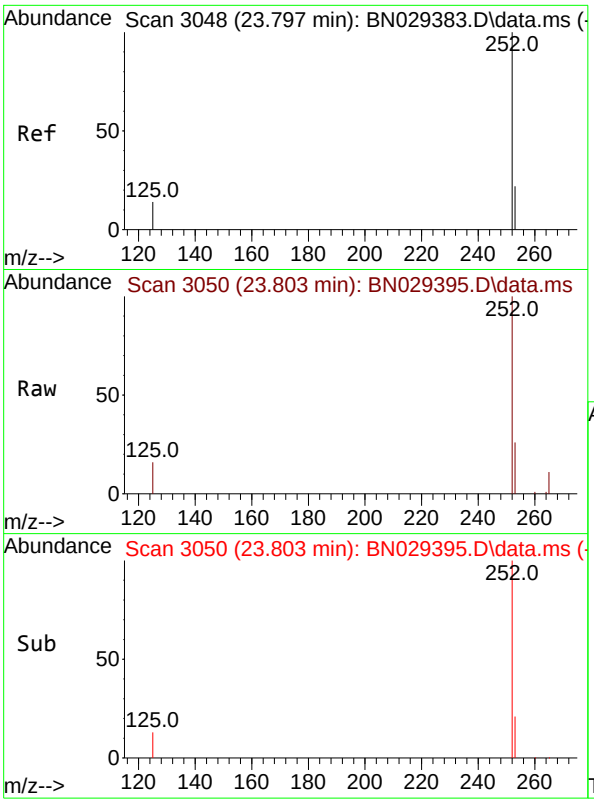


#38
Benzo(k)fluoranthene
Concen: 0.324 ng
RT: 23.230 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:252 Resp: 16626

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.6
125	15.1	11.4	17.2



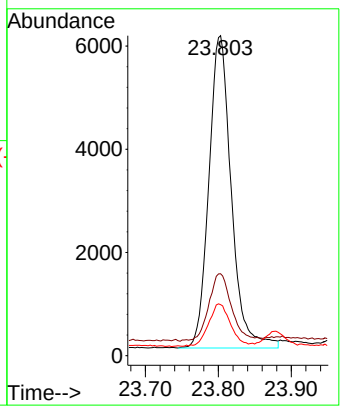


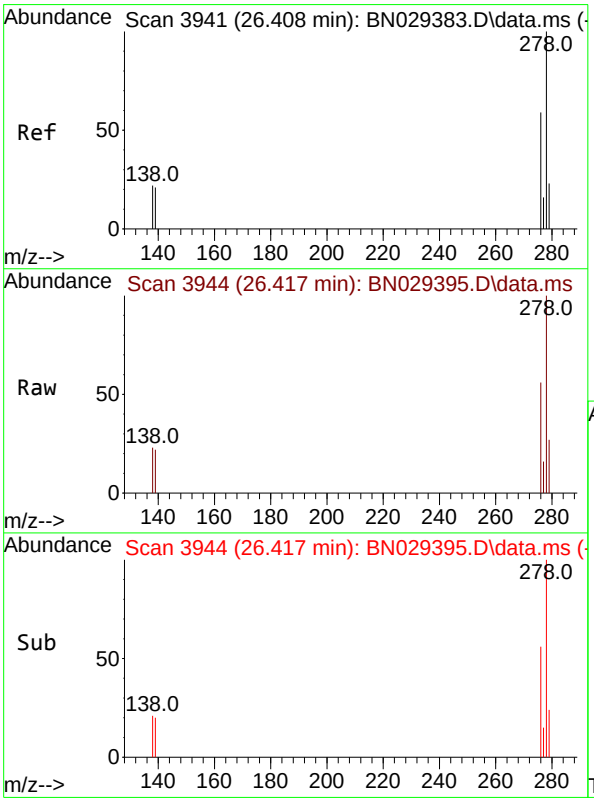
#39
Benzo(a)pyrene
Concen: 0.304 ng
RT: 23.803 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:252 Resp: 12947

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.6	30.8
125	15.9	13.0	19.6

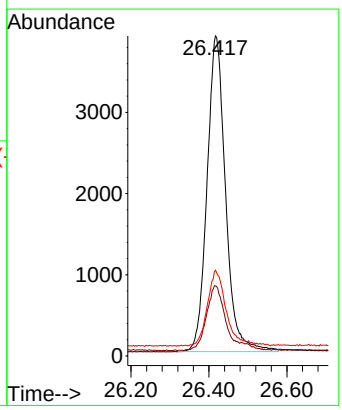


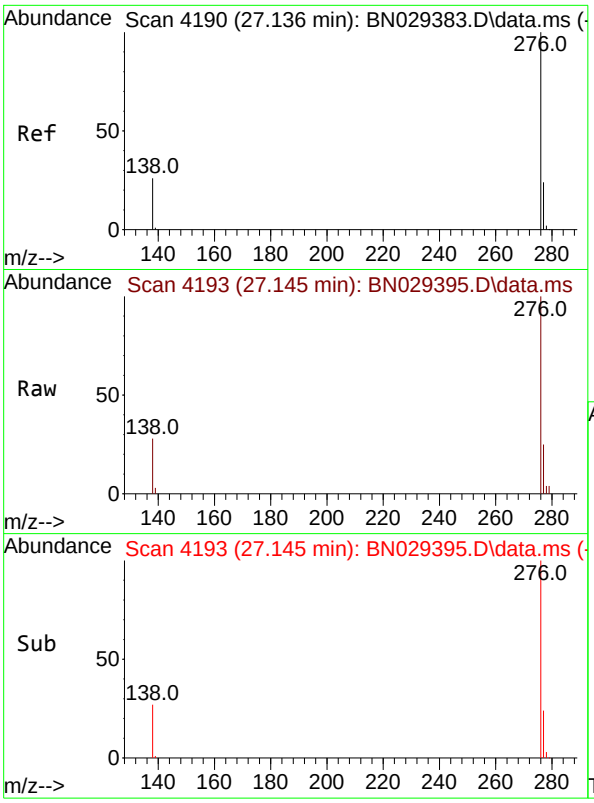


#40
Dibenzo(a,h)anthracene
Concen: 0.296 ng
RT: 26.417 min Scan# 3944
Delta R.T. 0.009 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Tgt Ion:278 Resp: 12864

Ion	Ratio	Lower	Upper
278	100		
139	21.9	17.8	26.6
279	26.8	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.297 ng
RT: 27.145 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN029395.D
Acq: 26 Jan 2024 15:34

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Tgt Ion:276 Resp: 14012

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	28.1	22.0	33.0