Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028944.D
Acq On : 01 Dec 2023 13:05
Operator : MA/JU
Sample : 05350-06MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Quant Time: Dec 01 14:41:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3983	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	10615	0.400	ng	#-0.01
13) Acenaphthene-d10	14.428	164	4504	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7791	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4815	0.400	ng	# 0.00
35) Perylene-d12	23.713	264	4693	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1720	0.143	ng	-0.03
5) Phenol-d6	7.017	99	1188	0.089	ng	-0.03
8) Nitrobenzene-d5	8.971	82	4497	0.426	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	7354	0.432	ng	-0.01
14) 2,4,6-Tribromophenol	15.930	330	784	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	11070	0.569	ng	-0.01
27) Fluoranthene-d10	19.213	212	7367	0.359	ng	0.00
31) Terphenyl-d14	19.817	244	6892	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1384	0.355	ng	# 79
3) n-Nitrosodimethylamine	3.730	42	725	0.210	ng	# 90
6) bis(2-Chloroethyl)ether	7.255	93	3994	0.355	ng	99
9) Naphthalene	10.637	128	10611	0.315	ng	99
10) Hexachlorobutadiene	10.904	225	1861	0.270	ng	# 99
12) 2-Methylnaphthalene	12.250	142	6450	0.304	ng	98
16) Acenaphthylene	14.150	152	16731	0.701	ng	98
17) Acenaphthene	14.492	154	6007	0.379	ng	98
18) Fluorene	15.476	166	7793	0.389	ng	93
21) 4-Bromophenyl-phenylether	16.377	248	1712	0.319	ng	98
22) Hexachlorobenzene	16.464	284	1955	0.297	ng	96
23) Atrazine	16.662	200	1501	0.320	ng	95
24) Pentachlorophenol	16.836	266	1613	0.526	ng	97
25) Phenanthrene	17.221	178	8987	0.349	ng	99
26) Anthracene	17.308	178	8134	0.342	ng	98
28) Fluoranthene	19.241	202	9804	0.367	ng	# 97
30) Pyrene	19.603	202	10679	0.384	ng	# 90
32) Benzo(a)anthracene	21.356	228	7743	0.378	ng	# 84
33) Chrysene	21.409	228	7094	0.353	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.302	149	21507	0.840	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.111	276	7466	0.365	ng	# 92
37) Benzo(b)fluoranthene	23.000	252	6822	0.355	ng	# 52
38) Benzo(k)fluoranthene	23.047	252	6095	0.336	ng	# 53
39) Benzo(a)pyrene	23.605	252	5755	0.336	ng	# 48
40) Dibenzo(a,h)anthracene	26.137	278	5756	0.364	ng	# 41
41) Benzo(g,h,i)perylene	26.848	276	6194	0.348	ng	# 88

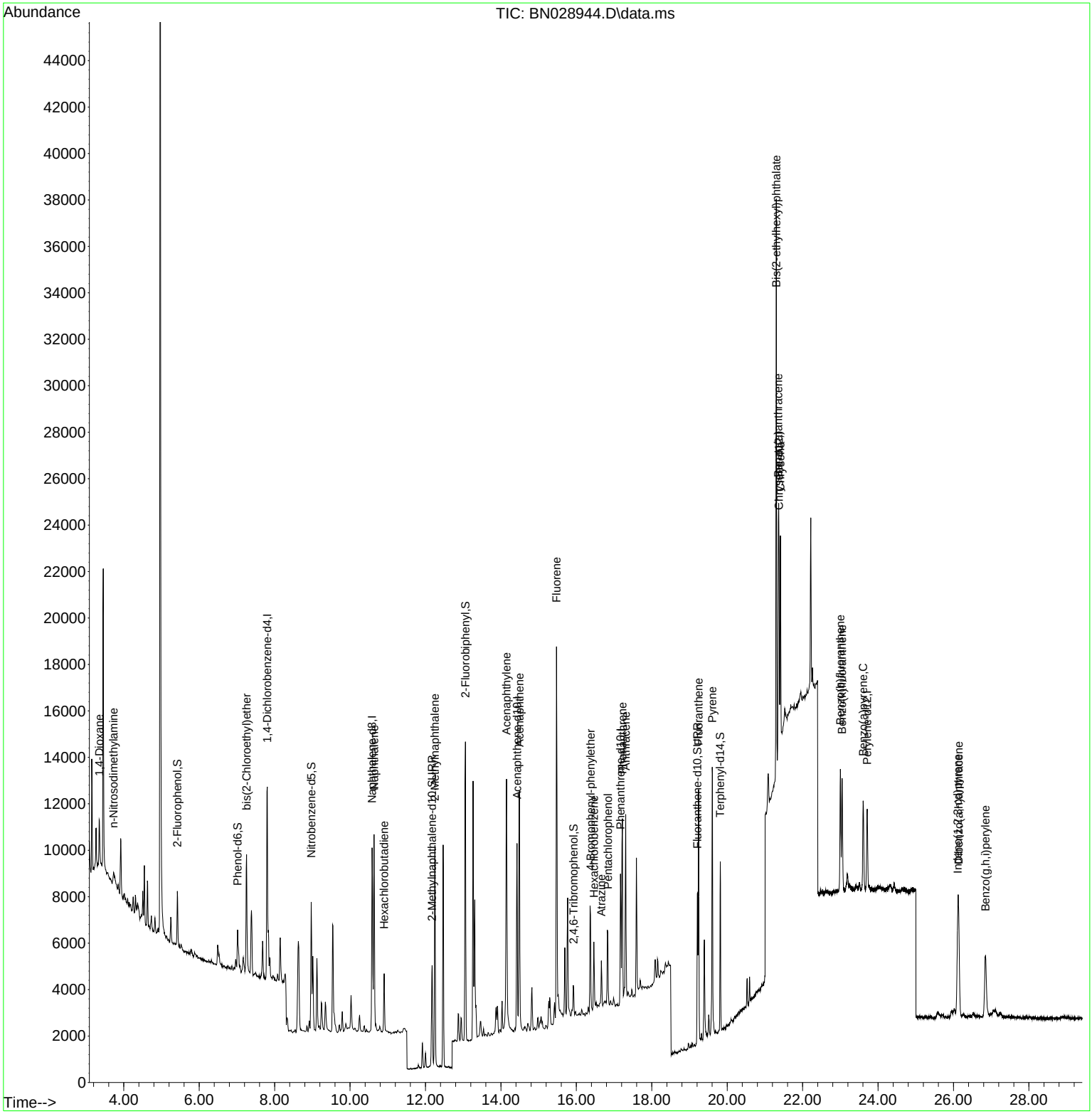
(#) = qualifier out of range (m) = manual integration (+) = signals summed

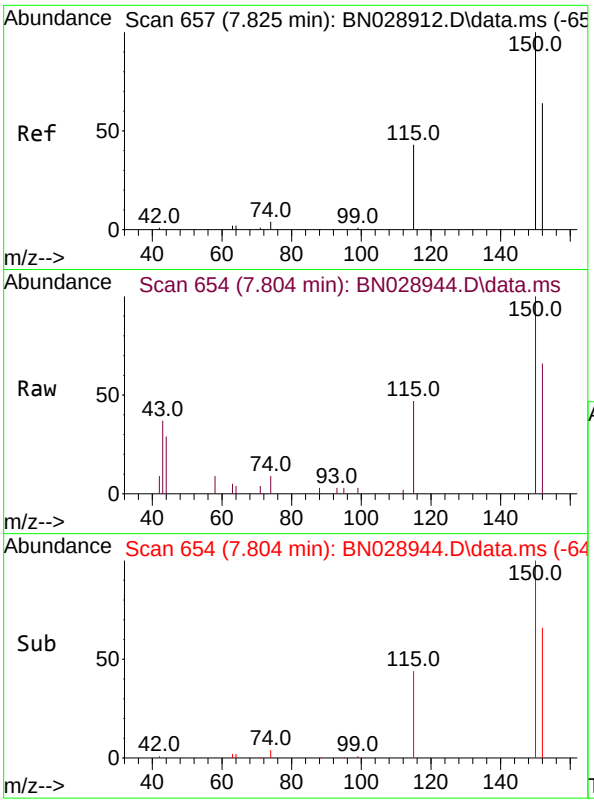
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028944.D
Acq On : 01 Dec 2023 13:05
Operator : MA/JU
Sample : 05350-06MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Quant Time: Dec 01 14:41:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration



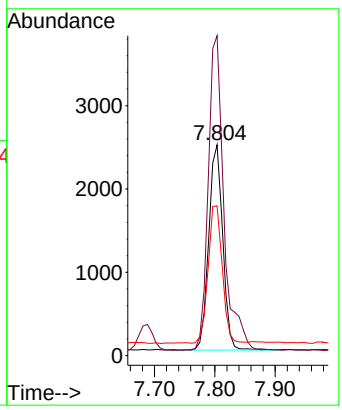


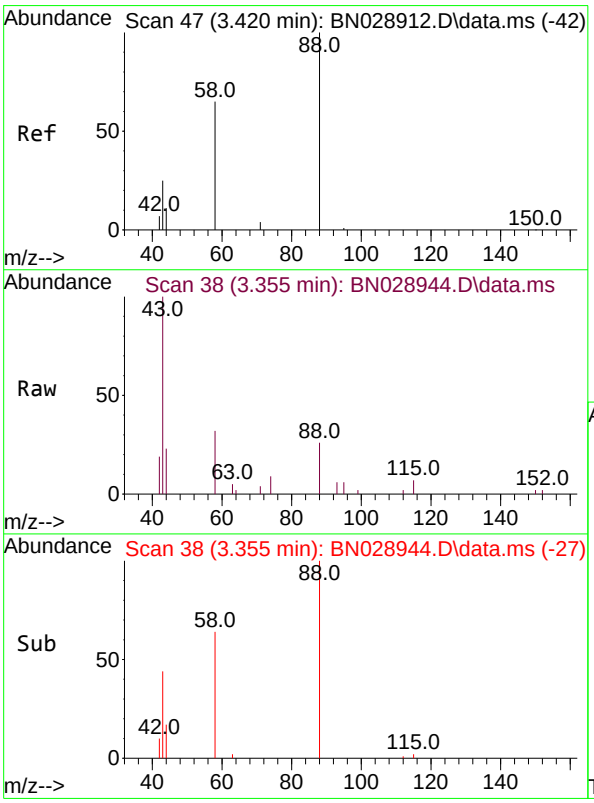
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:152 Resp: 3983

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.4	185.2
115	71.0	59.1	88.7

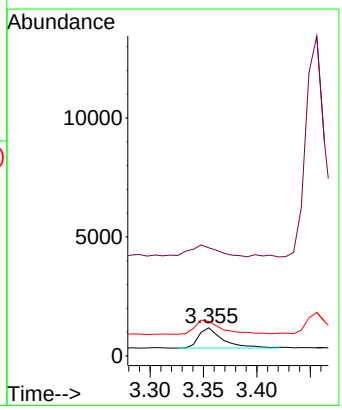


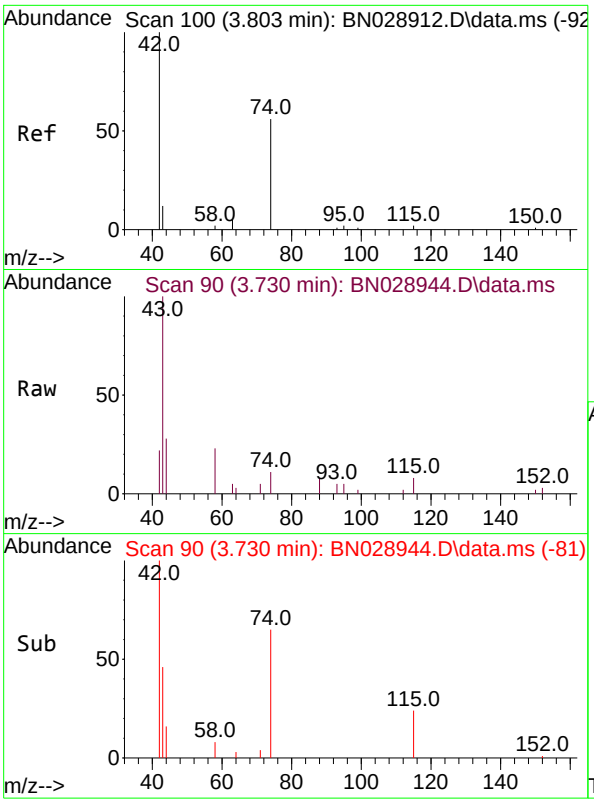


#2
1,4-Dioxane
Concen: 0.355 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.022 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion: 88 Resp: 1384

Ion	Ratio	Lower	Upper
88	100		
43	65.6	29.9	44.9#
58	73.7	55.0	82.4



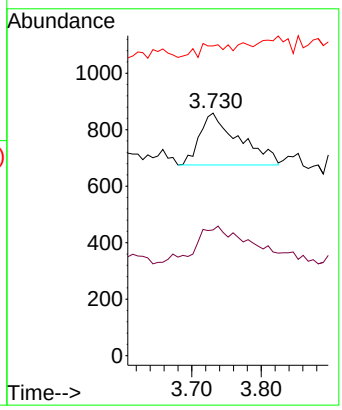


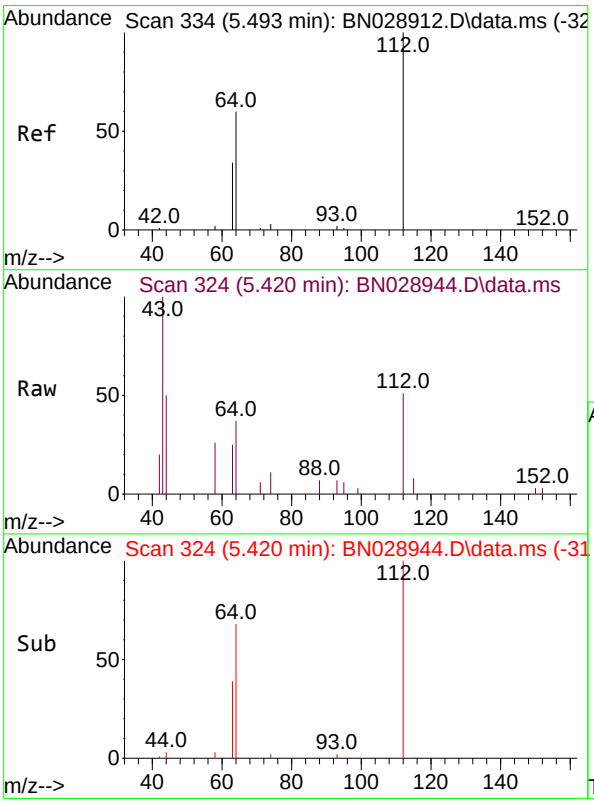
#3
n-Nitrosodimethylamine
Concen: 0.210 ng
RT: 3.730 min Scan# 9
Delta R.T. -0.036 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion: 42 Resp: 725

Ion	Ratio	Lower	Upper
42	100		
74	62.6	57.0	85.6
44	0.0	0.0	0.0

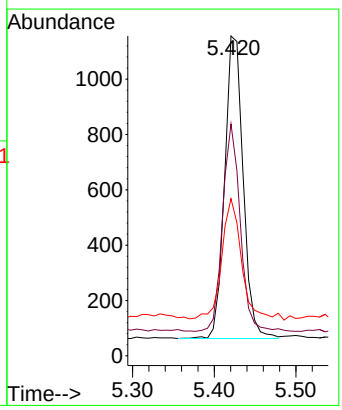


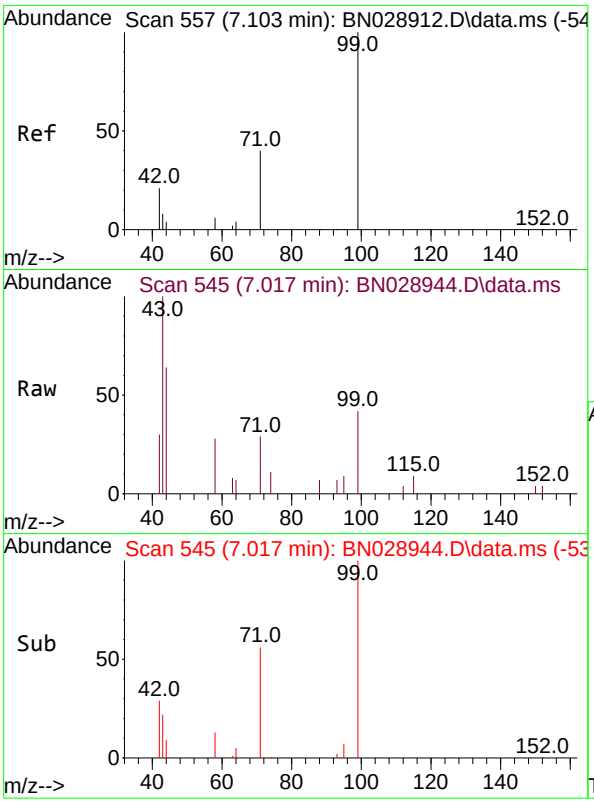


#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.420 min Scan# 324
Delta R.T. -0.029 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:112 Resp: 1720

Ion	Ratio	Lower	Upper
112	100		
64	65.1	51.5	77.3
63	41.9	30.4	45.6



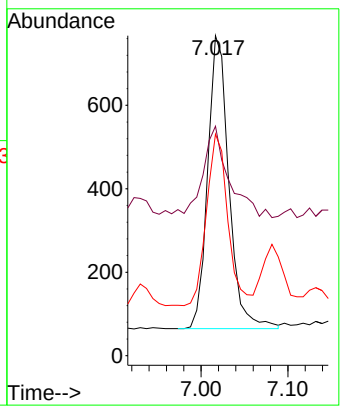


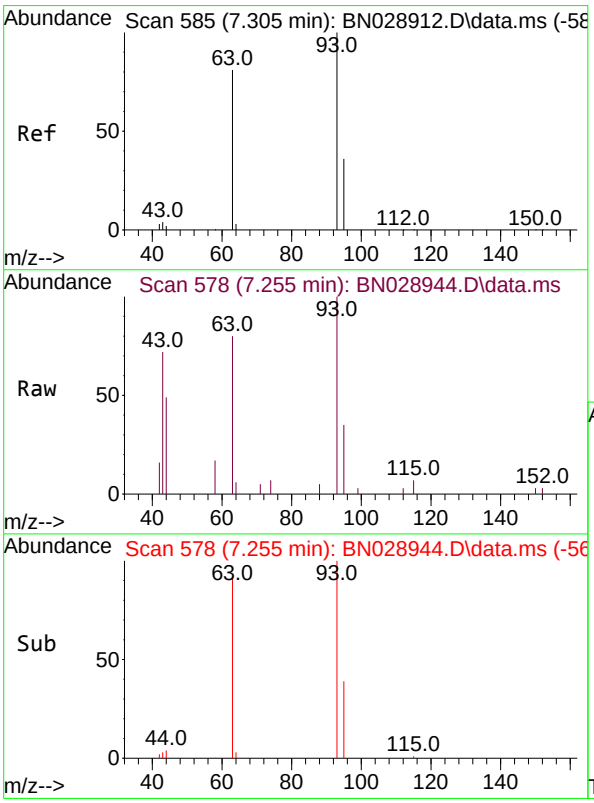
#5
Phenol-d6
Concen: 0.089 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.029 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion: 99 Resp: 1188

Ion	Ratio	Lower	Upper
99	100		
42	39.0	21.2	31.8#
71	59.1	35.4	53.0#

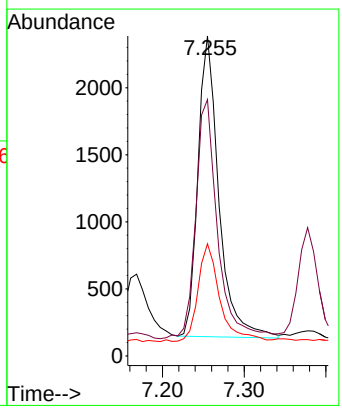


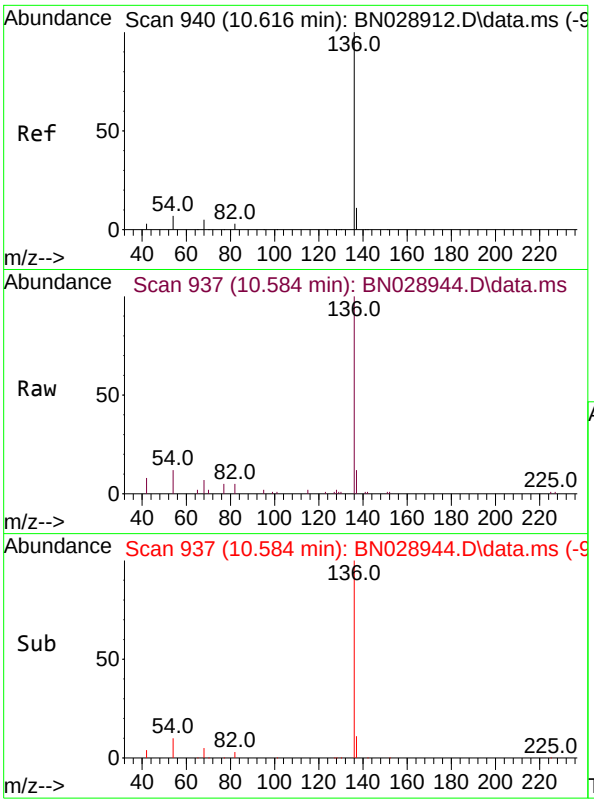


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.022 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion: 93 Resp: 3994

Ion	Ratio	Lower	Upper
93	100		
63	83.2	66.9	100.3
95	33.9	28.2	42.4



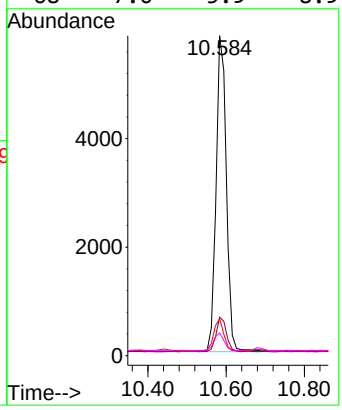


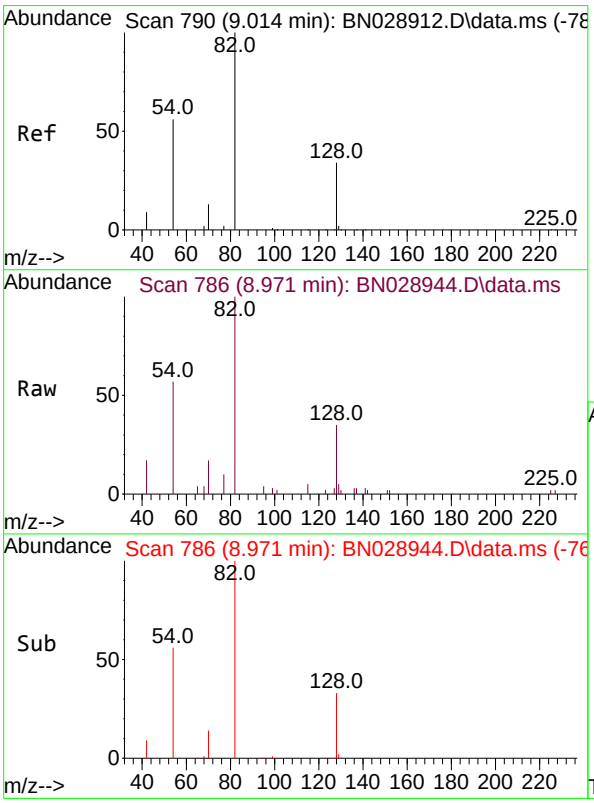
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:136 Resp: 10615

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.6	16.0
54	11.6	7.5	11.3#
68	7.0	5.9	8.9

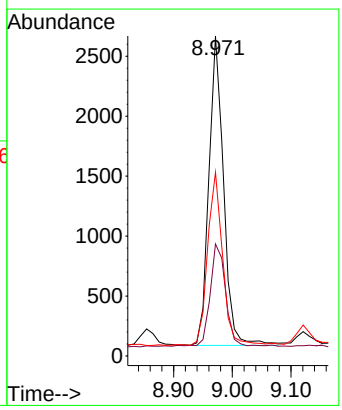


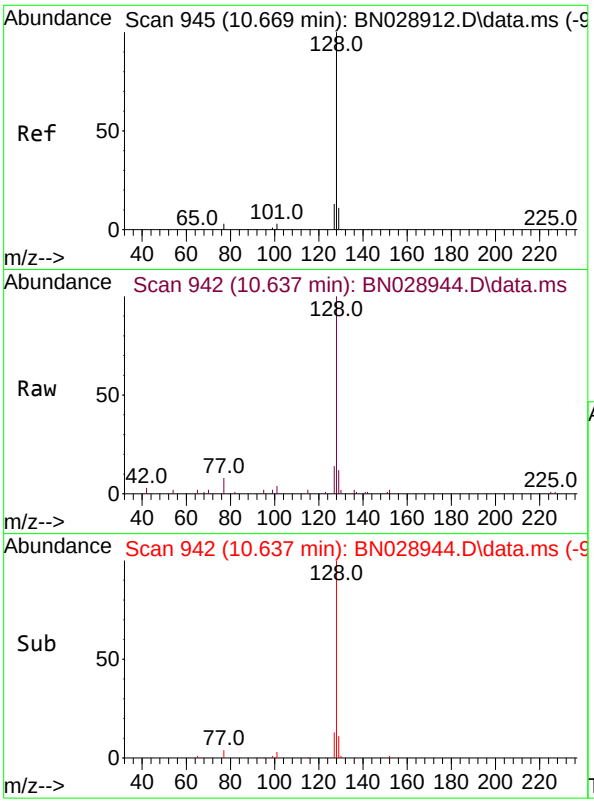


#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion: 82 Resp: 4497

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.2	43.8
54	57.4	47.0	70.6



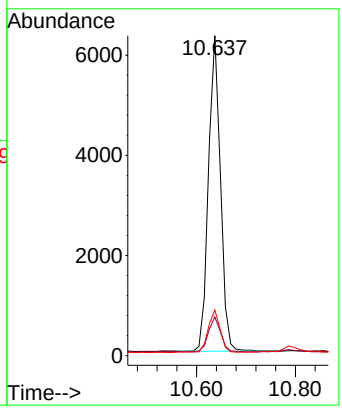


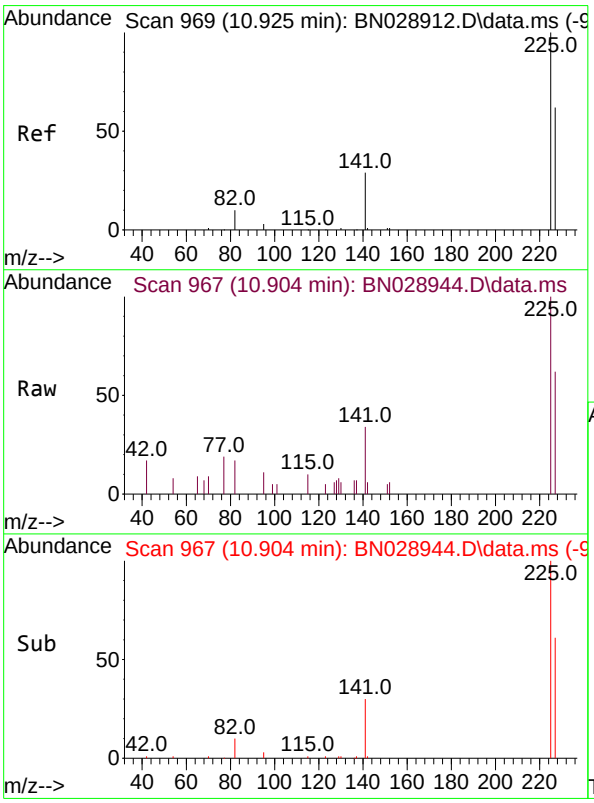
#9
Naphthalene
Concen: 0.315 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:128 Resp: 10611

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	14.3	11.0	16.4

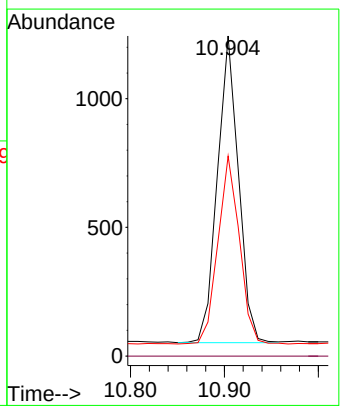


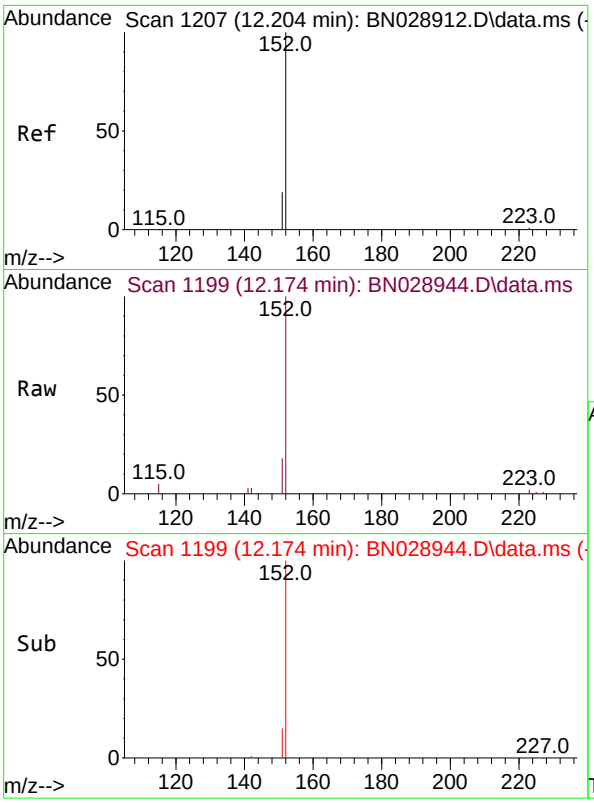


#10
Hexachlorobutadiene
Concen: 0.270 ng
RT: 10.904 min Scan# 967
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:225 Resp: 1861

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



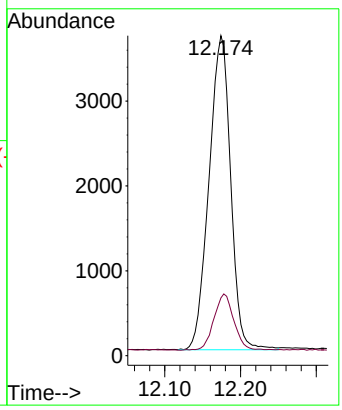


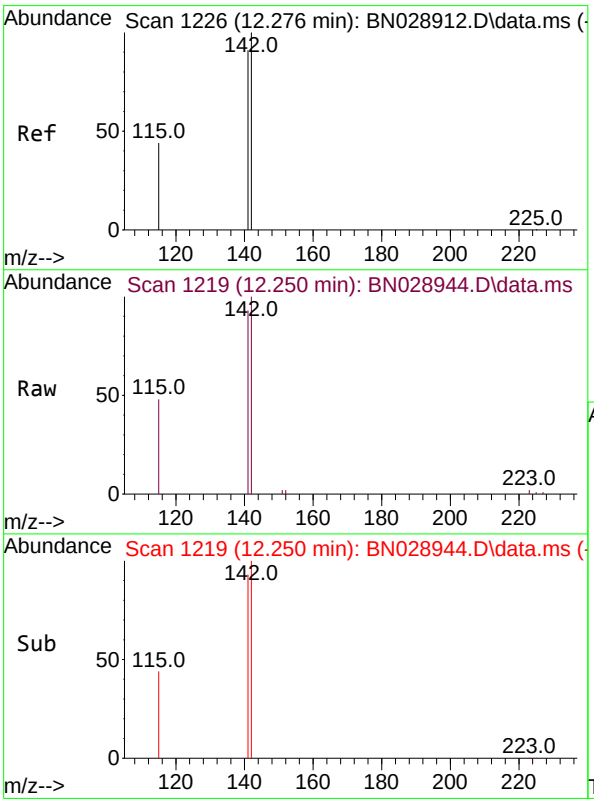
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.174 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:152 Resp: 7354

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.7	25.1#

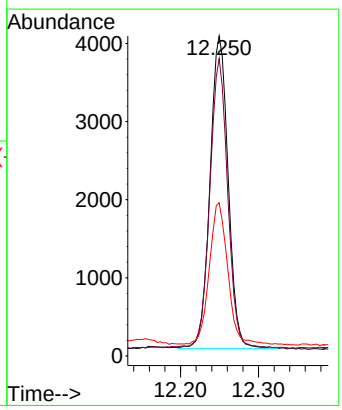


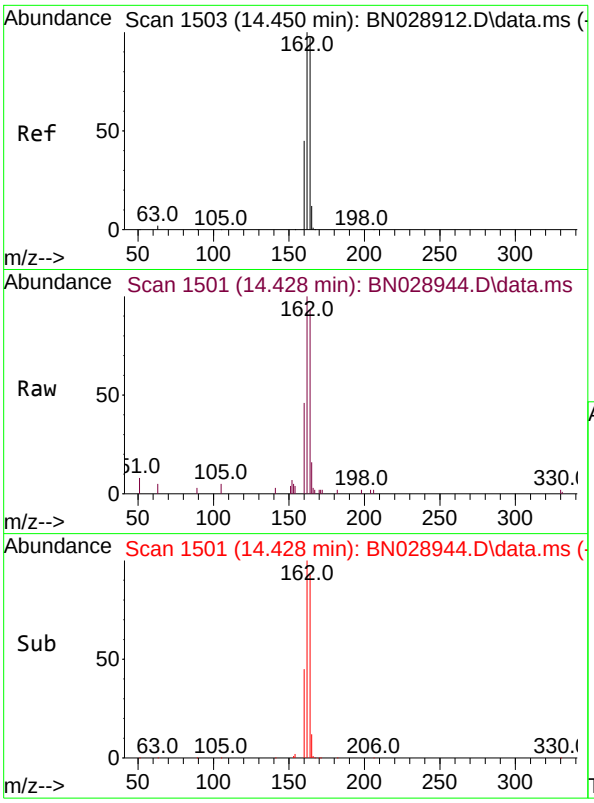


#12
2-Methylnaphthalene
Concen: 0.304 ng
RT: 12.250 min Scan# 1219
Delta R.T. -0.008 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:142 Resp: 6450

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.1	109.7
115	47.9	37.6	56.4



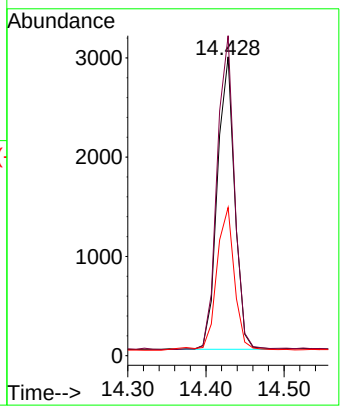


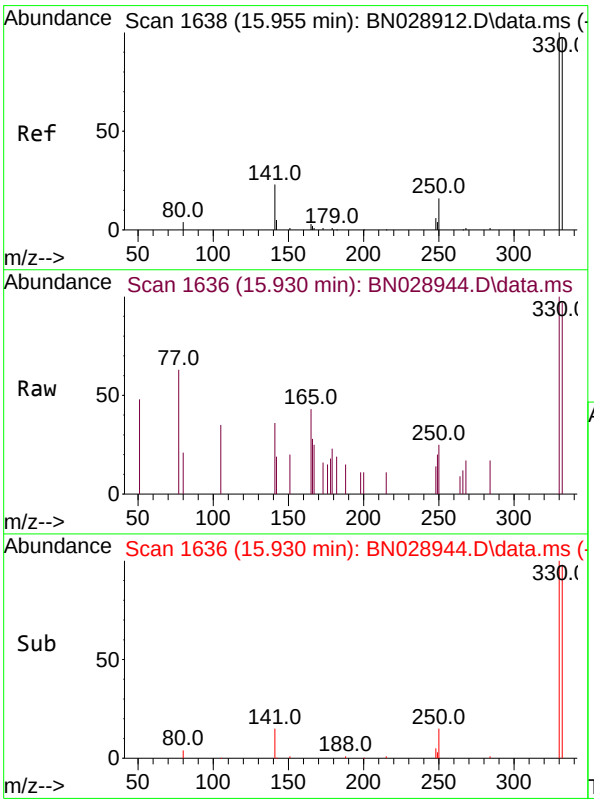
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:164 Resp: 4504

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.7	122.5
160	49.6	37.0	55.6

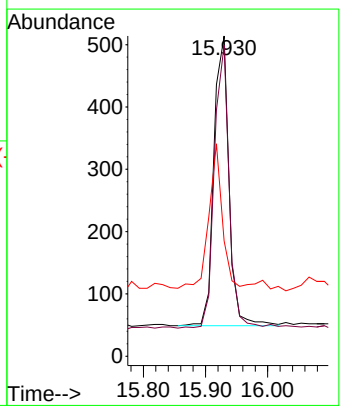


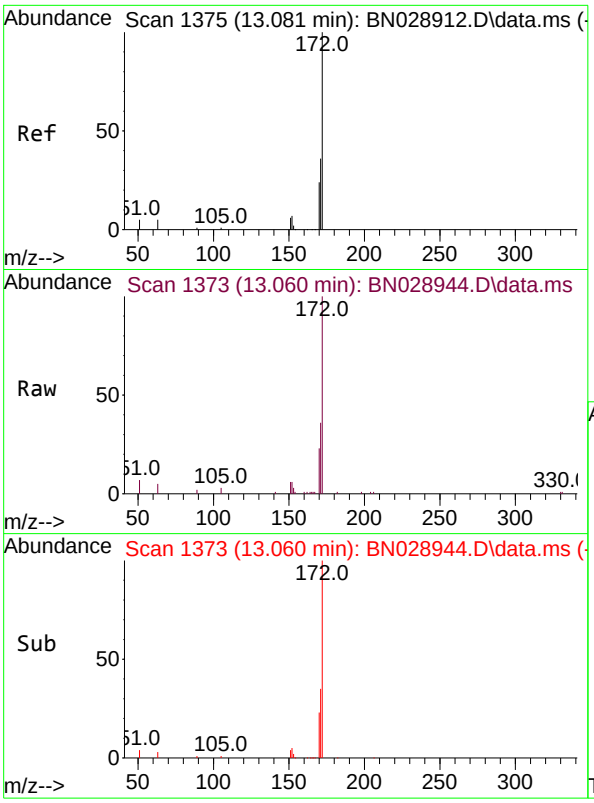


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.930 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:330 Resp: 784

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	45.0	35.7	53.5



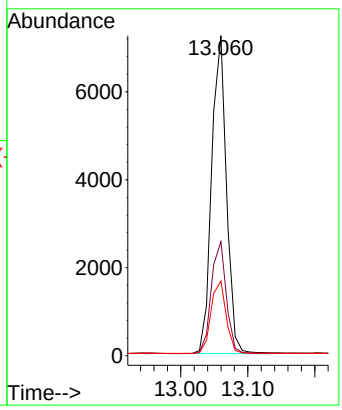


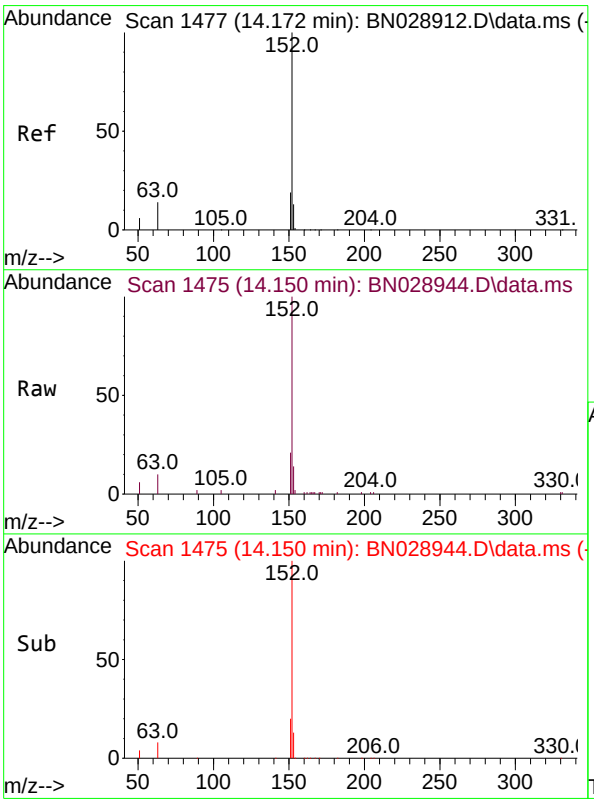
#15
2-Fluorobiphenyl
Concen: 0.569 ng
RT: 13.060 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:172 Resp: 11070

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.3	19.7	29.5

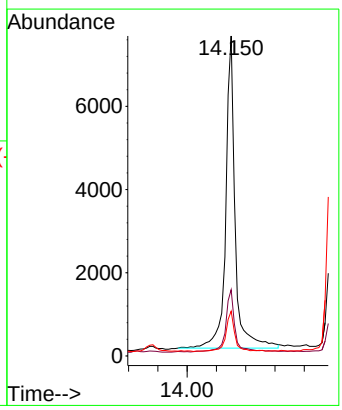


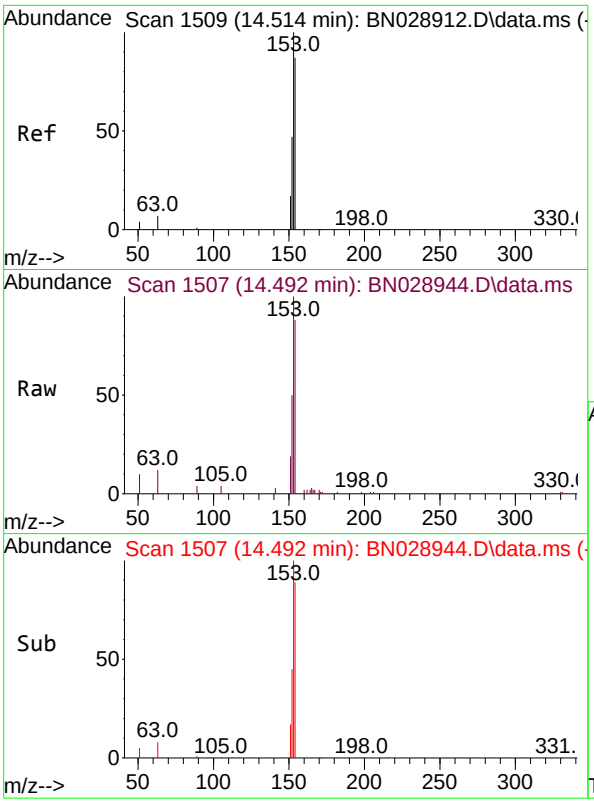


#16
Acenaphthylene
Concen: 0.701 ng
RT: 14.150 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:152 Resp: 16731

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	12.2	10.8	16.2





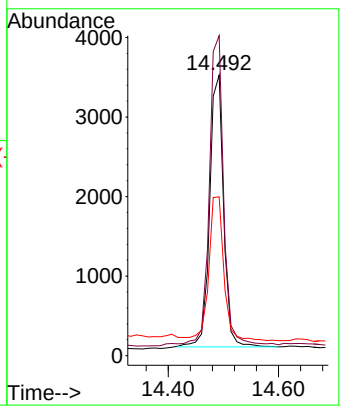
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.492 min Scan# 1

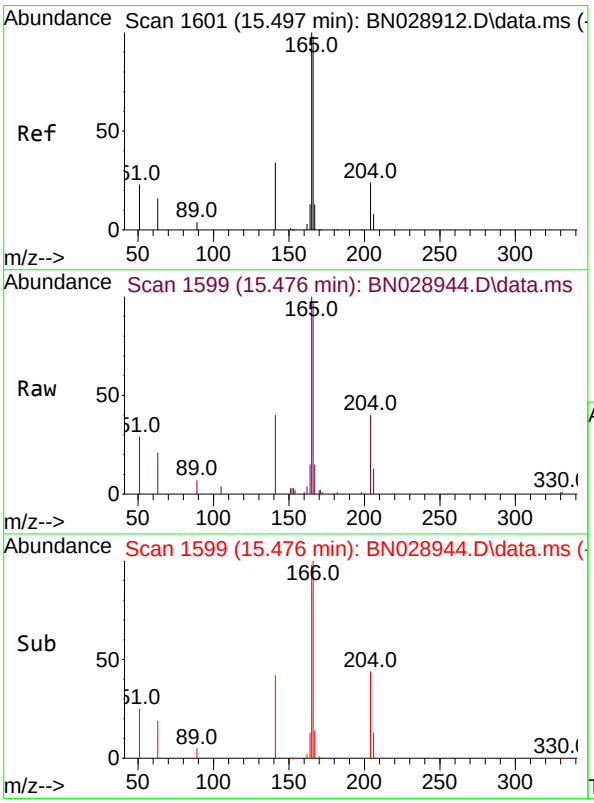
Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:154 Resp: 6007

Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.8	140.6
152	57.4	44.5	66.7

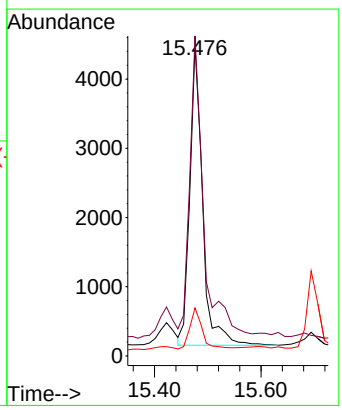


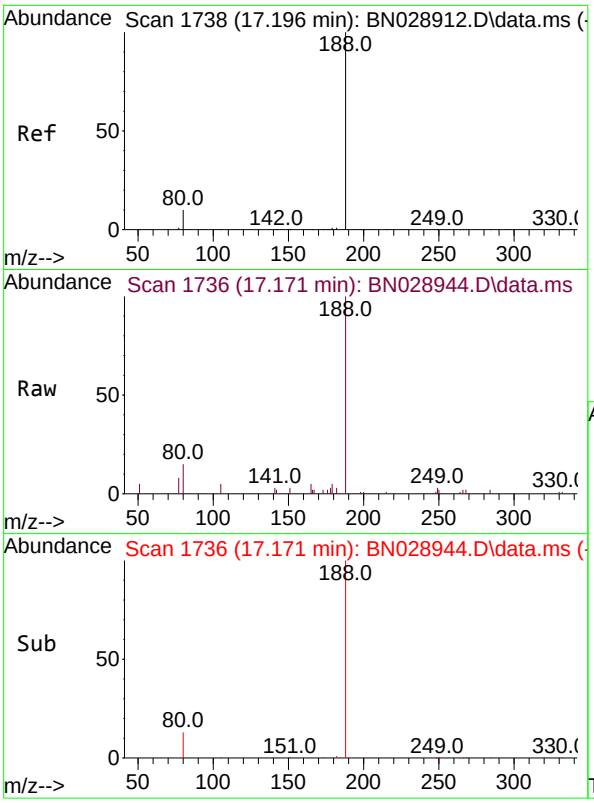


#18
Fluorene
Concen: 0.389 ng
RT: 15.476 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:166 Resp: 7793

Ion	Ratio	Lower	Upper
166	100		
165	107.4	79.4	119.2
167	12.8	11.0	16.4



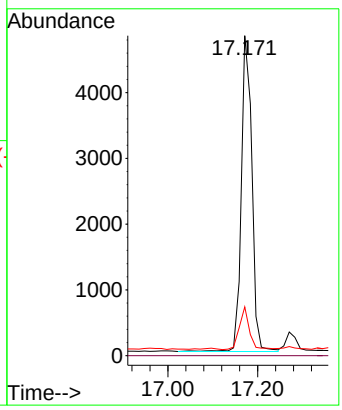


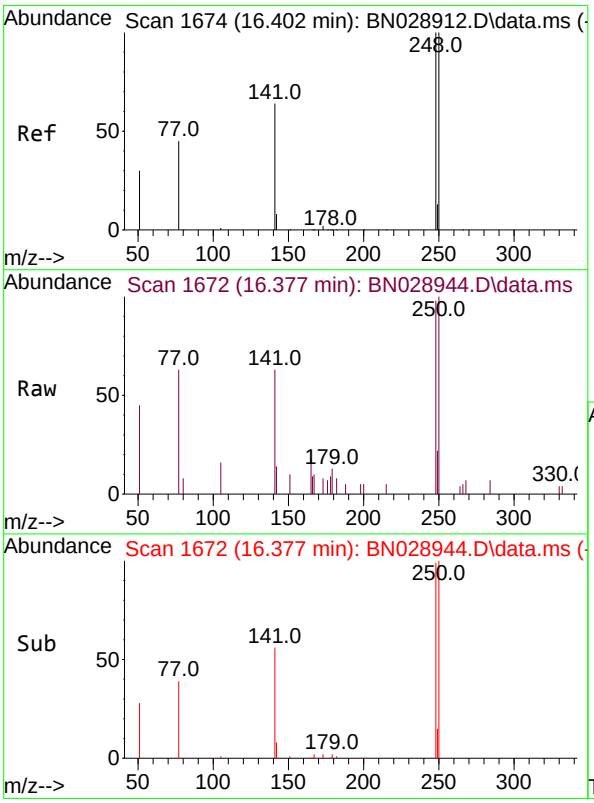
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:188 Resp: 7791

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	9.0	13.6#

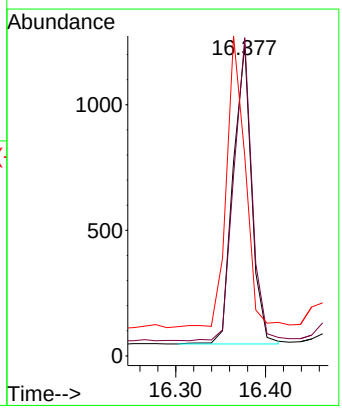


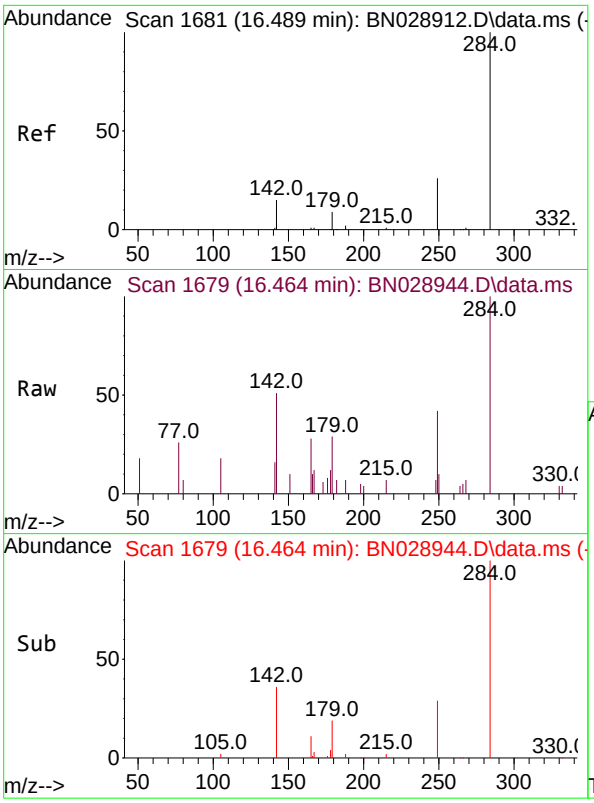


#21
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.377 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:248 Resp: 1712

Ion	Ratio	Lower	Upper
248	100		
250	102.3	83.5	125.3
141	64.2	52.9	79.3



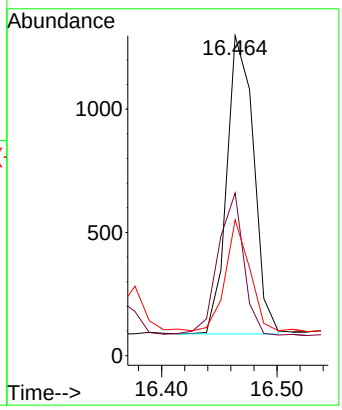


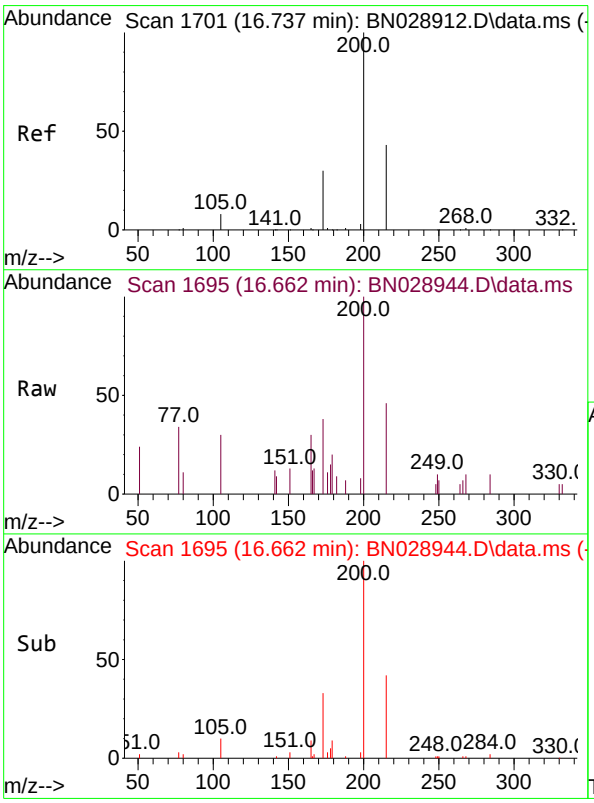
#22
Hexachlorobenzene
Concen: 0.297 ng
RT: 16.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:284 Resp: 1955

Ion	Ratio	Lower	Upper
284	100		
142	45.6	34.1	51.1
249	33.4	25.7	38.5

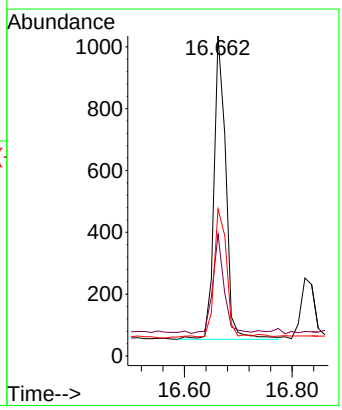


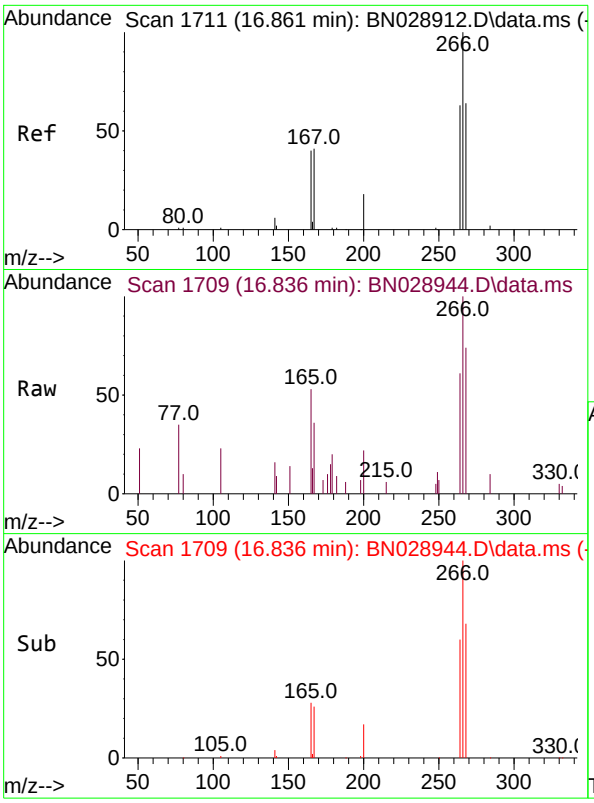


#23
Atrazine
Concen: 0.320 ng
RT: 16.662 min Scan# 1695
Delta R.T. -0.025 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:200 Resp: 1501

Ion	Ratio	Lower	Upper
200	100		
173	38.1	26.2	39.4
215	45.9	35.8	53.6



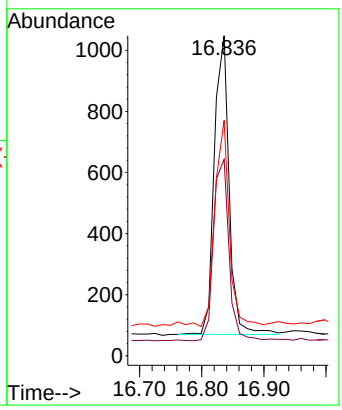


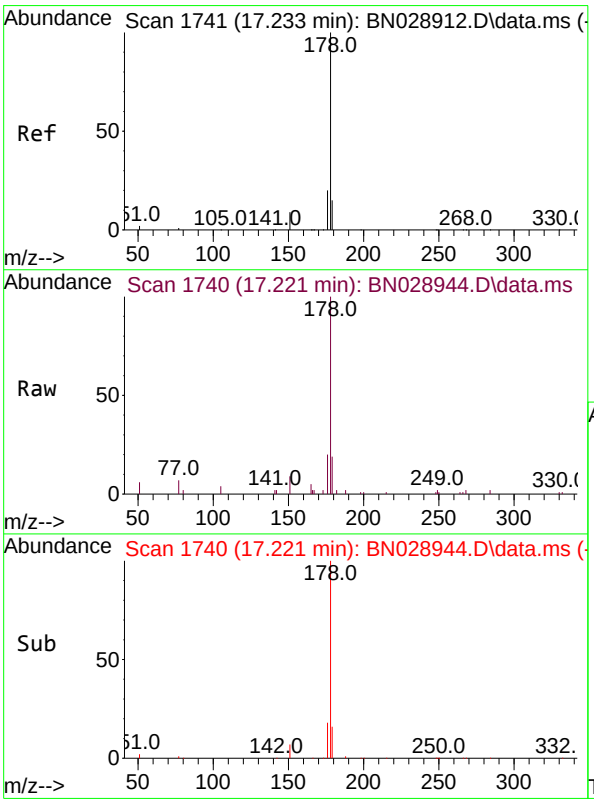
#24
Pentachlorophenol
Concen: 0.526 ng
RT: 16.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:266 Resp: 1613

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.7	76.1
268	64.5	54.9	82.3

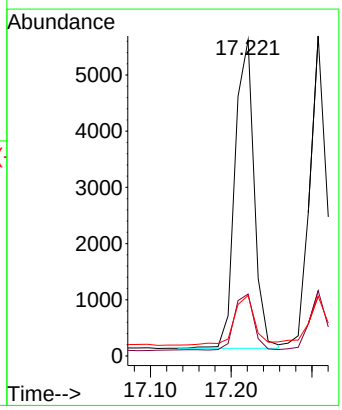


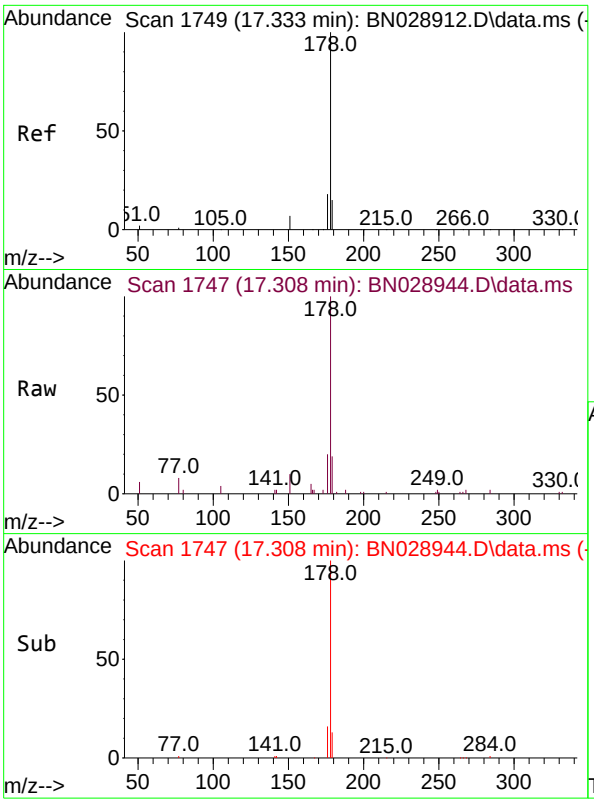


#25
Phenanthrene
Concen: 0.349 ng
RT: 17.221 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:178 Resp: 8987

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	17.6	14.1	21.1



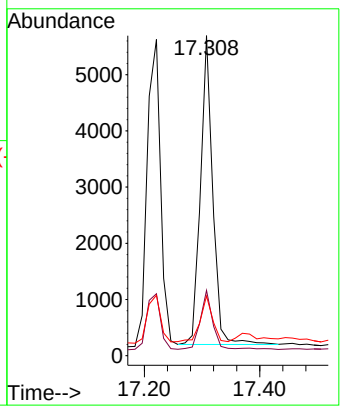


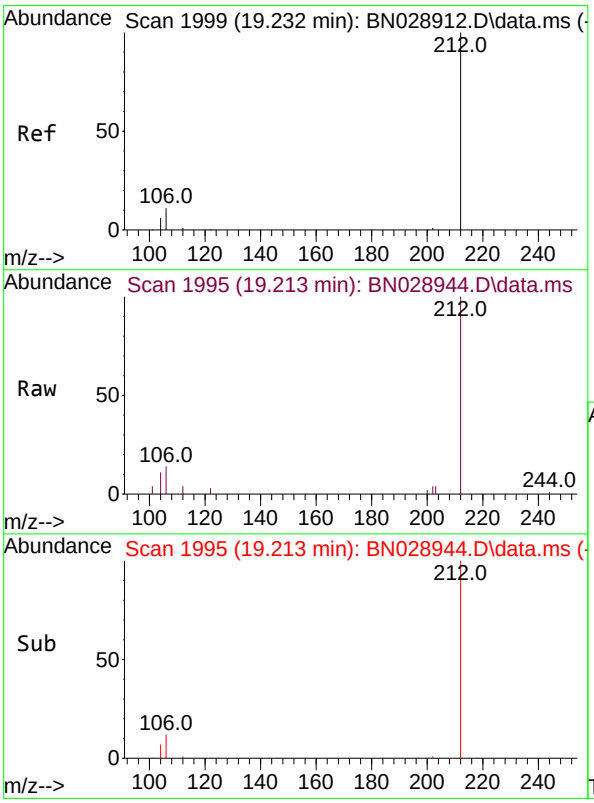
#26
Anthracene
Concen: 0.342 ng
RT: 17.308 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:178 Resp: 8134

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	14.2	12.2	18.2

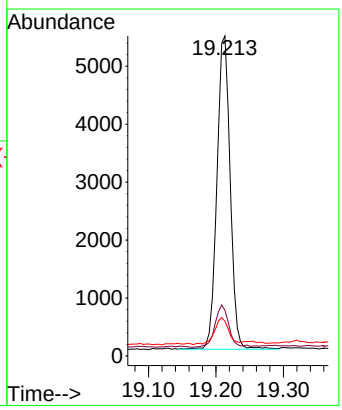


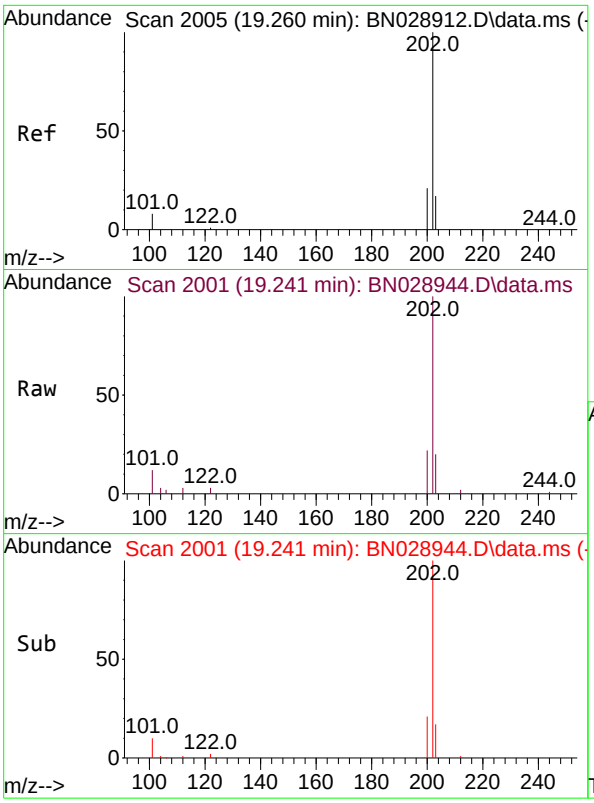


#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:212 Resp: 7367

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.4	14.2
104	9.1	6.2	9.2



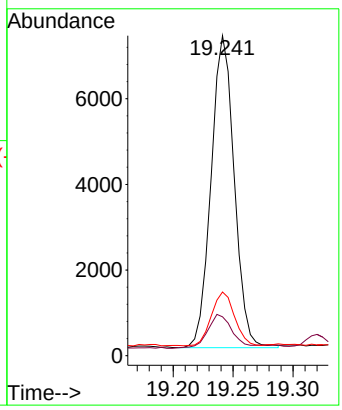


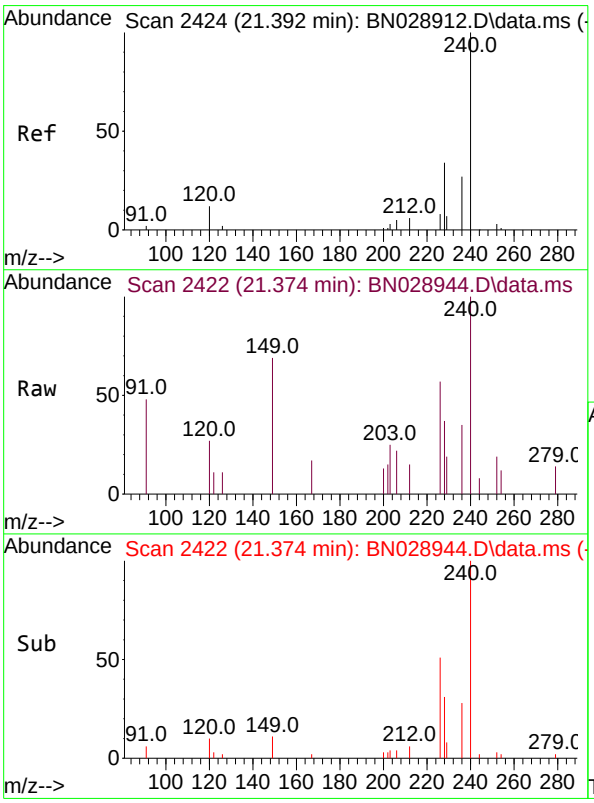
#28
Fluoranthene
Concen: 0.367 ng
RT: 19.241 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:202 Resp: 9804

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.3	10.9#
203	16.9	14.1	21.1

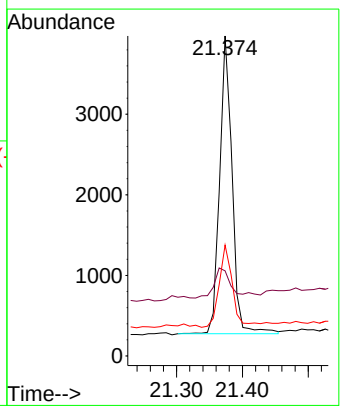


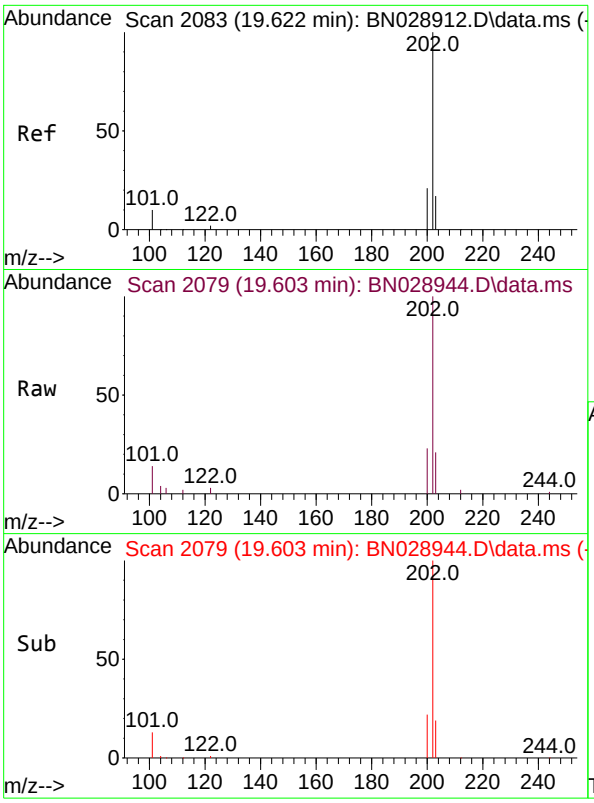


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:240 Resp: 4815

Ion	Ratio	Lower	Upper
240	100		
120	26.6	37.1	55.7#
236	34.7	32.4	48.6



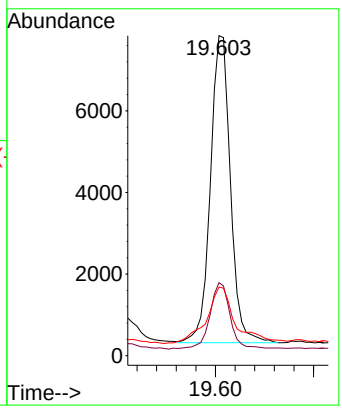


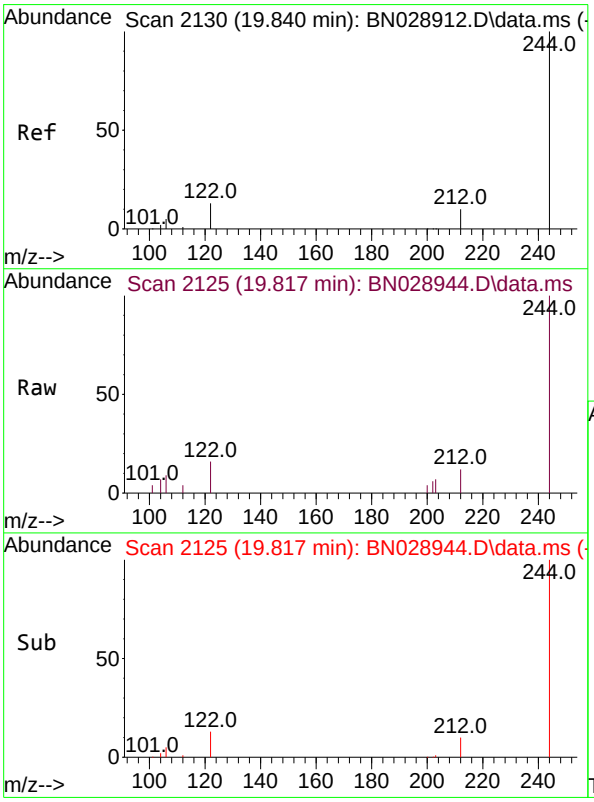
#30
Pyrene
Concen: 0.384 ng
RT: 19.603 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:202 Resp: 10679

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	26.7	14.8	22.2#

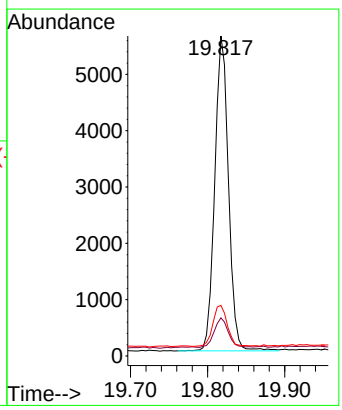


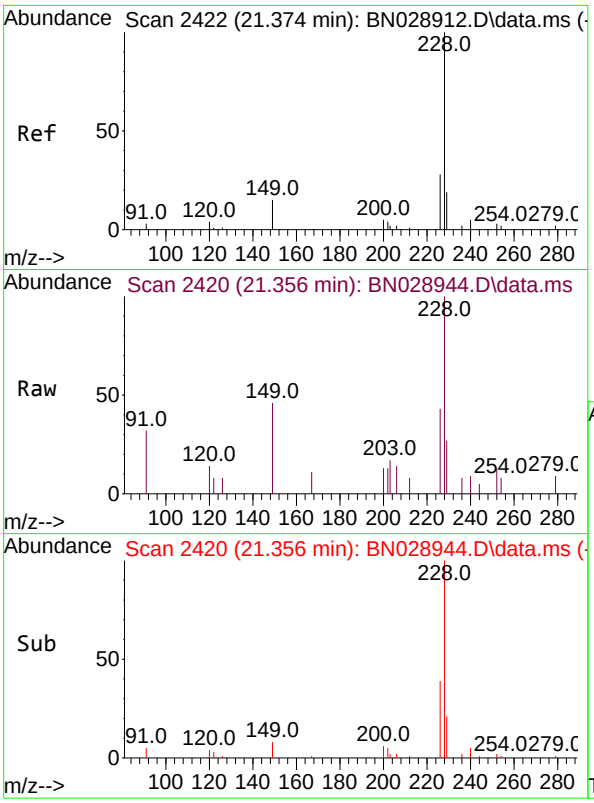


#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.817 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:244 Resp: 6892

Ion	Ratio	Lower	Upper
244	100		
212	11.9	11.5	17.3
122	15.8	13.2	19.8



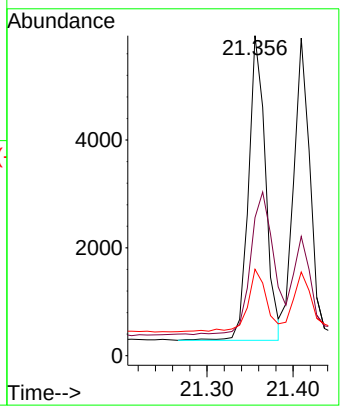


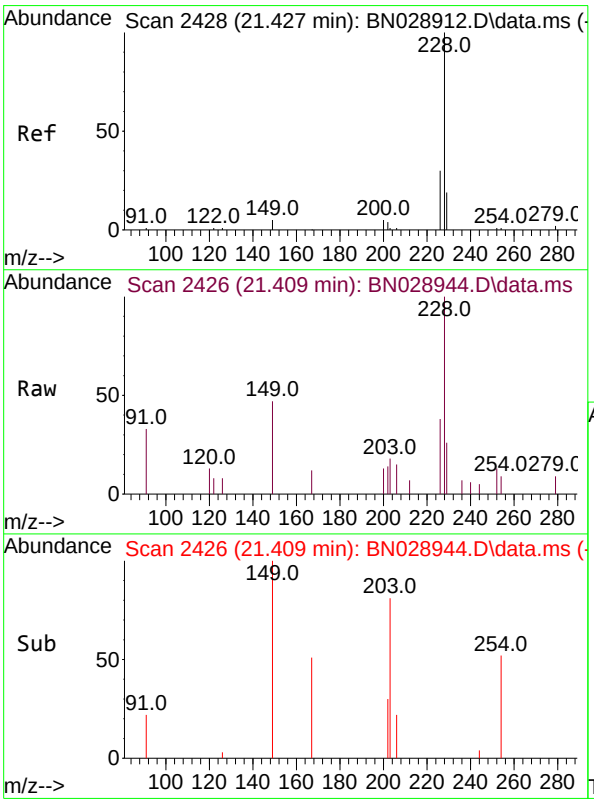
#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.356 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:228 Resp: 7743

Ion	Ratio	Lower	Upper
228	100		
226	43.2	26.5	39.7#
229	27.0	16.4	24.6#

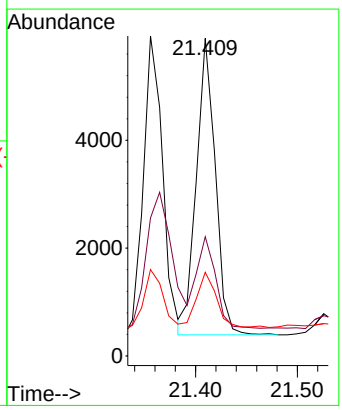


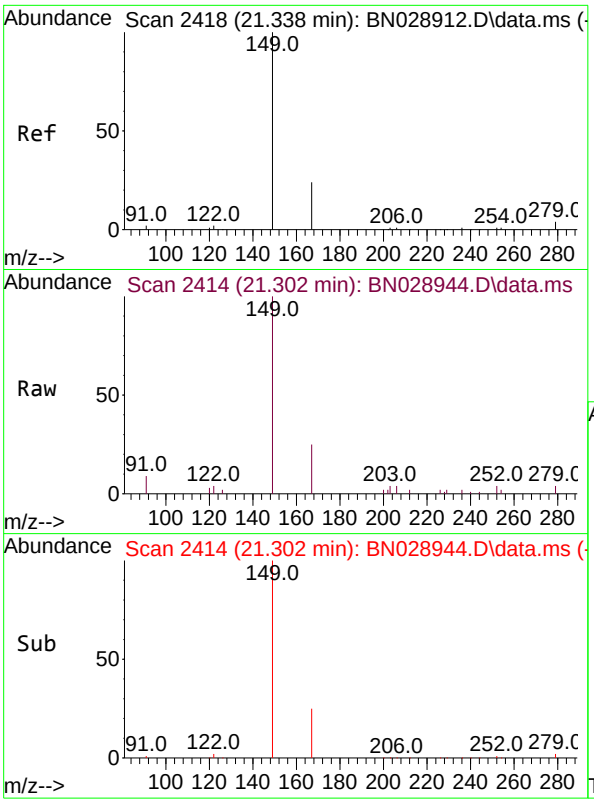


#33
Chrysene
Concen: 0.353 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:228 Resp: 7094

Ion	Ratio	Lower	Upper
228	100		
226	37.5	28.3	42.5
229	26.4	16.4	24.6#



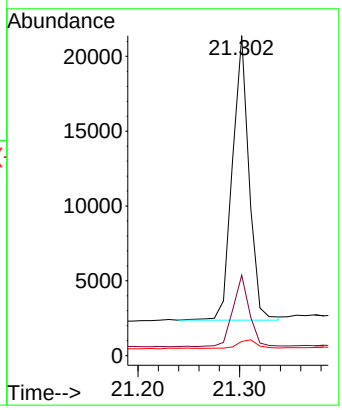


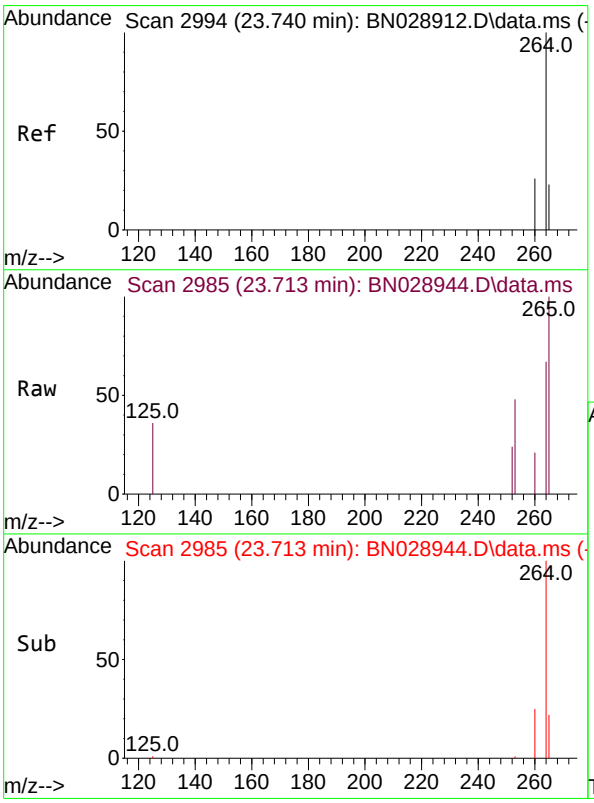
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.840 ng
RT: 21.302 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:149 Resp: 21507

Ion	Ratio	Lower	Upper
149	100		
167	25.1	14.9	22.3#
279	3.4	6.3	9.5#

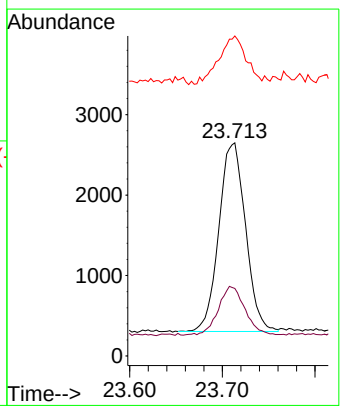


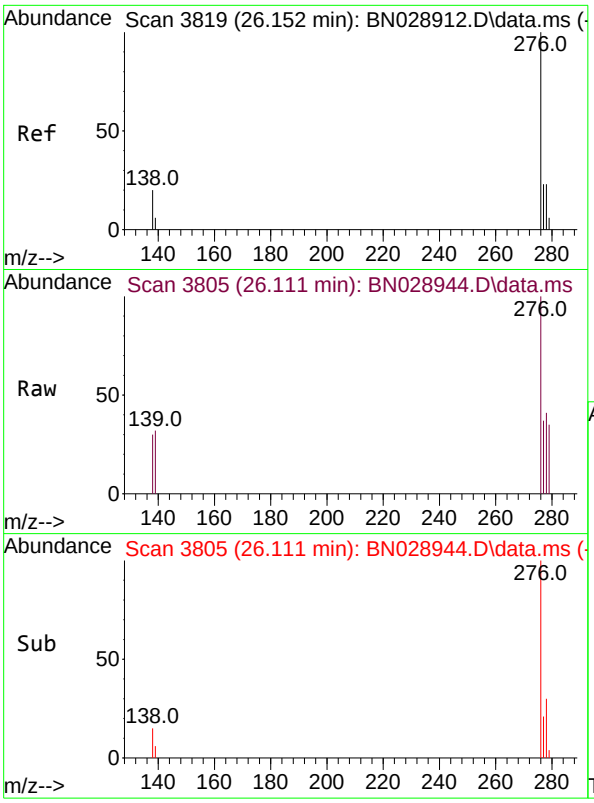


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.713 min Scan# 2985
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:264 Resp: 4693

Ion	Ratio	Lower	Upper
264	100		
260	31.7	20.6	30.8#
265	150.1	464.5	696.7#



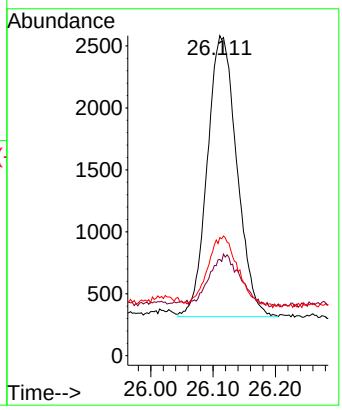


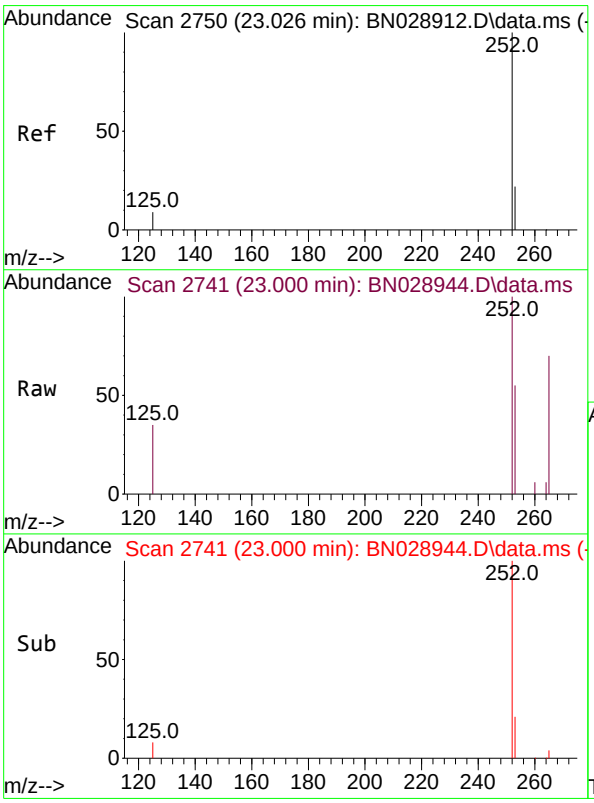
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 26.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:276 Resp: 7466

Ion	Ratio	Lower	Upper
276	100		
138	19.4	20.9	31.3#
277	24.2	20.2	30.4

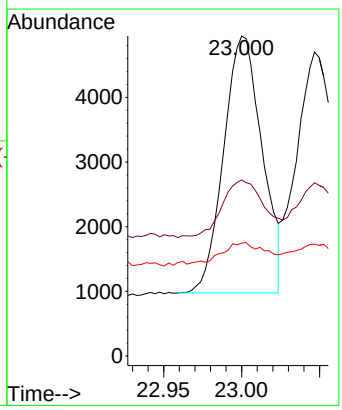


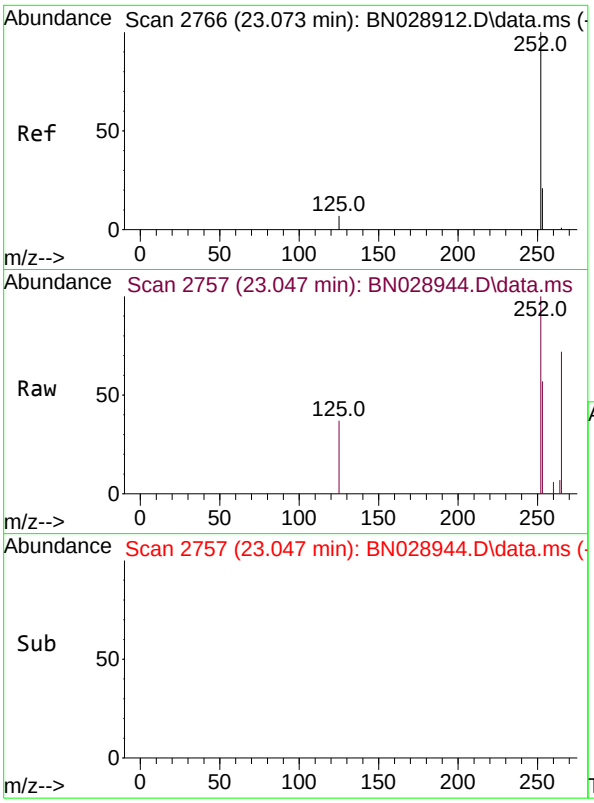


#37
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.000 min Scan# 2741
Delta R.T. -0.003 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:252 Resp: 6822

Ion	Ratio	Lower	Upper
252	100		
253	55.0	94.5	141.7#
125	35.2	23.8	35.8



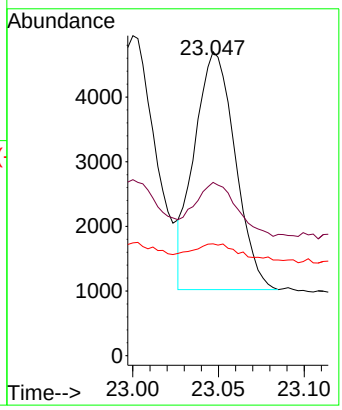


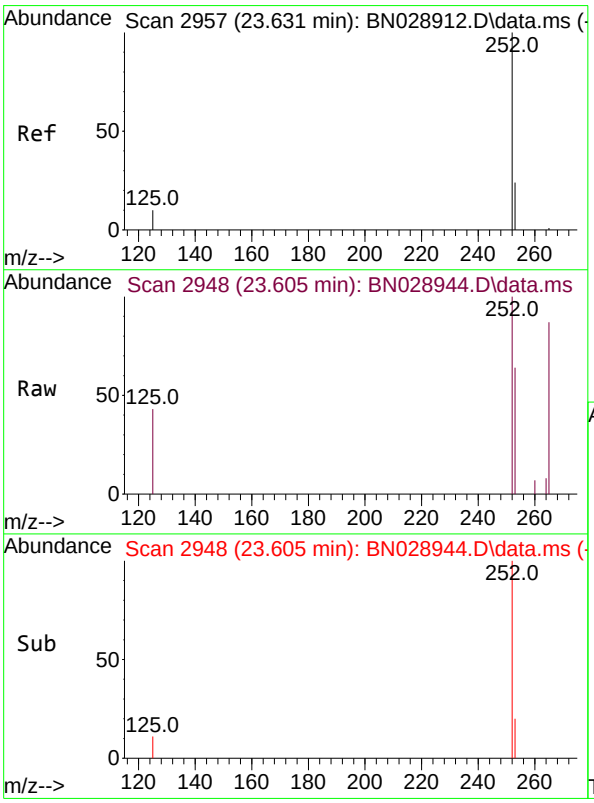
#38
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 23.047 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:252 Resp: 6095

Ion	Ratio	Lower	Upper
252	100		
253	57.0	95.2	142.8#
125	36.8	24.3	36.5#

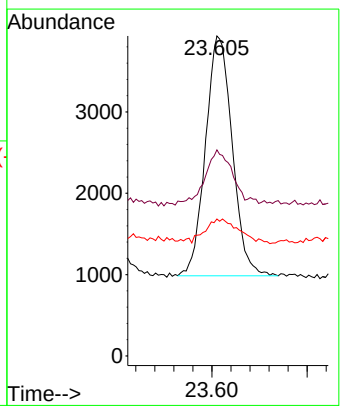


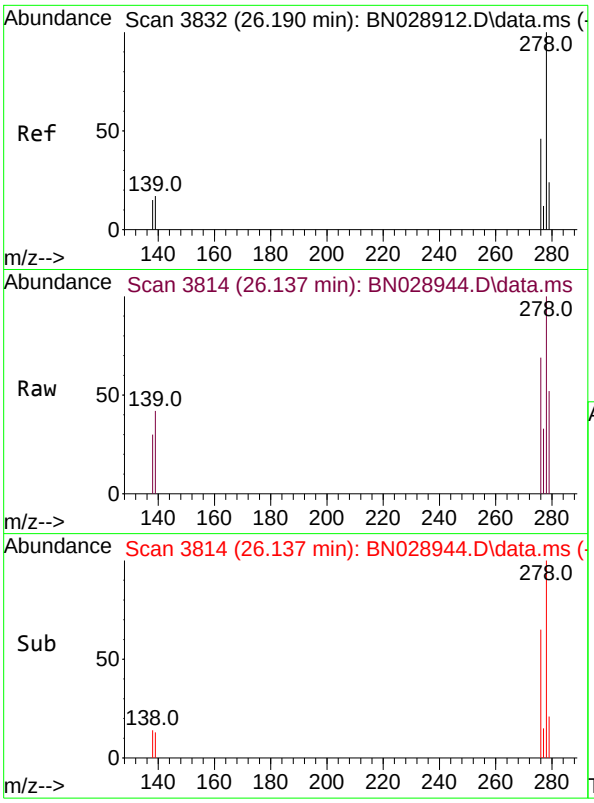


#39
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.605 min Scan# 2948
Delta R.T. -0.000 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:252 Resp: 5755

Ion	Ratio	Lower	Upper
252	100		
253	64.4	110.2	165.4#
125	42.8	27.0	40.4#



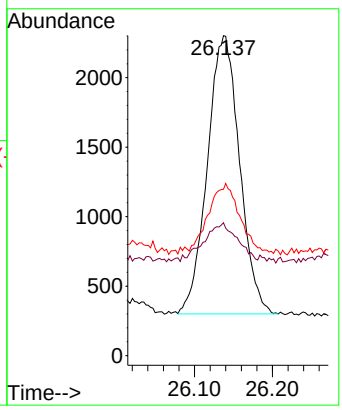


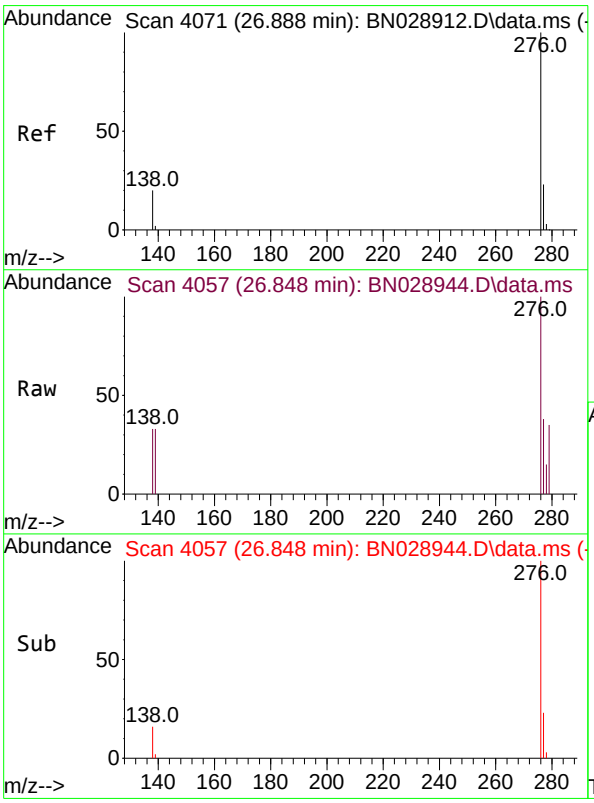
#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 26.137 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Tgt Ion:278 Resp: 5756

Ion	Ratio	Lower	Upper
278	100		
139	41.6	22.6	33.8#
279	52.0	102.6	153.8#





#41
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.848 min Scan# 4057
Delta R.T. 0.006 min
Lab File: BN028944.D
Acq: 01 Dec 2023 13:05

Tgt Ion:276 Resp: 6194

Ion	Ratio	Lower	Upper
276	100		
277	38.2	28.9	43.3
138	33.0	36.2	54.2#