Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028250.D
Acq On : 12 Oct 2023 02:15
Operator : MA/JU
Sample : PB156272BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Quant Time: Oct 12 04:09:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	2262	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	7359	0.400	ng	# 0.01
13) Acenaphthene-d10	14.565	164	4589	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	11072	0.400	ng	0.01
29) Chrysene-d12	21.524	240	11302	0.400	ng	0.00
35) Perylene-d12	23.990	264	8523	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	3042	0.451	ng	0.00
5) Phenol-d6	7.105	99	3229	0.379	ng	0.01
8) Nitrobenzene-d5	9.144	82	2332	0.372	ng	0.02
11) 2-Methylnaphthalene-d10	12.339	152	4359	0.400	ng	0.01
14) 2,4,6-Tribromophenol	16.090	330	853	0.406	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	6177	0.373	ng	0.01
27) Fluoranthene-d10	19.360	212	12939	0.465	ng	0.00
31) Terphenyl-d14	19.945	244	11006	0.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	201	0.079	ng	# 25
3) n-Nitrosodimethylamine	3.754	42	5113	1.759	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.822	198	5	0.034	ng	83
24) Pentachlorophenol	16.983	266	72	0.025	ng	# 66
33) Chrysene	21.560	228	1004	0.027	ng	# 73
36) Indeno(1,2,3-cd)pyrene	26.595	276	1002	0.035	ng	# 85
37) Benzo(b)fluoranthene	23.229	252	1418	0.052	ng	# 1
40) Dibenzo(a,h)anthracene	26.609	278	707	0.030	ng	# 1
41) Benzo(g,h,i)perylene	27.410	276	1078	0.045	ng	# 32

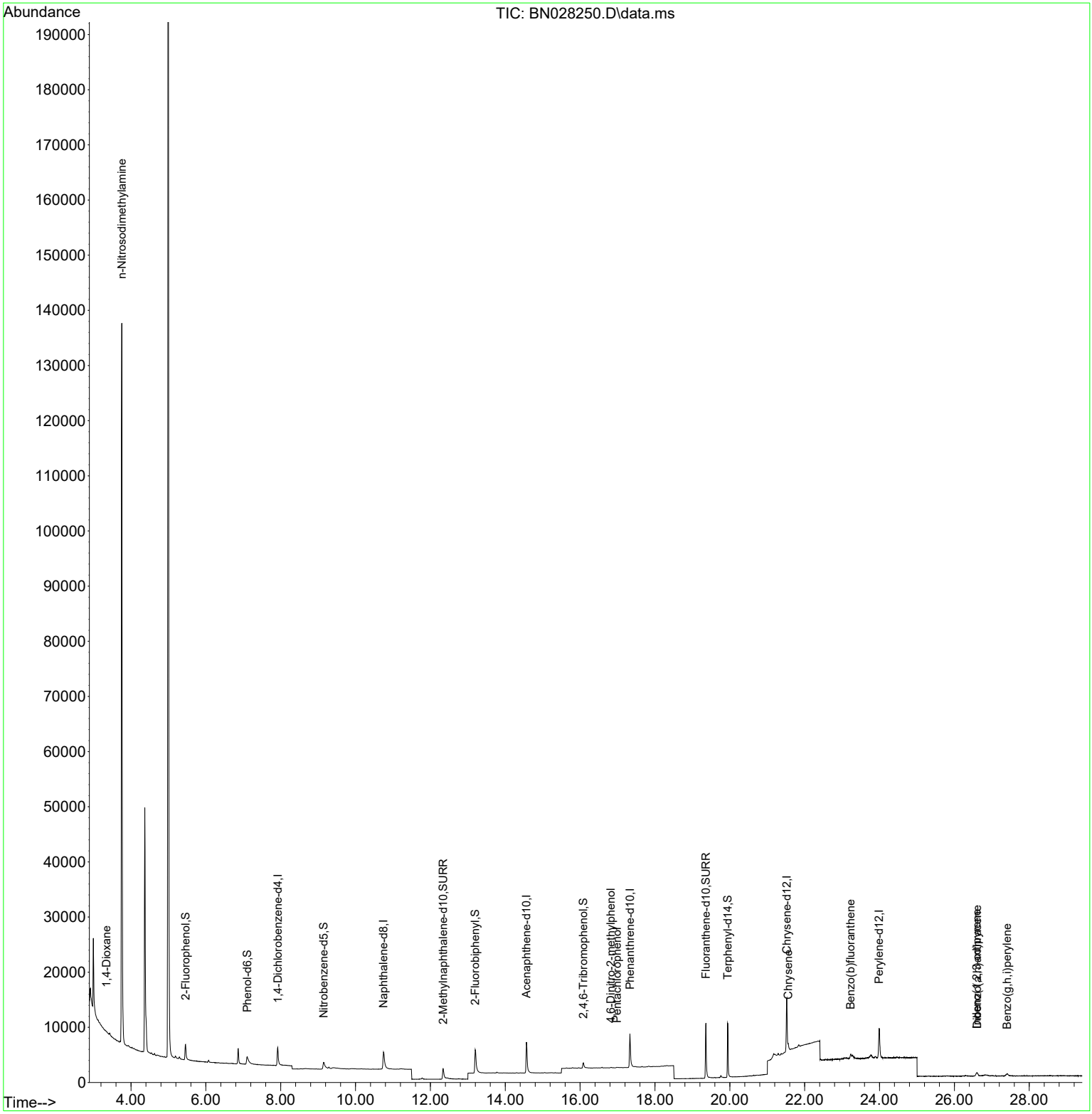
(#) = qualifier out of range (m) = manual integration (+) = signals summed

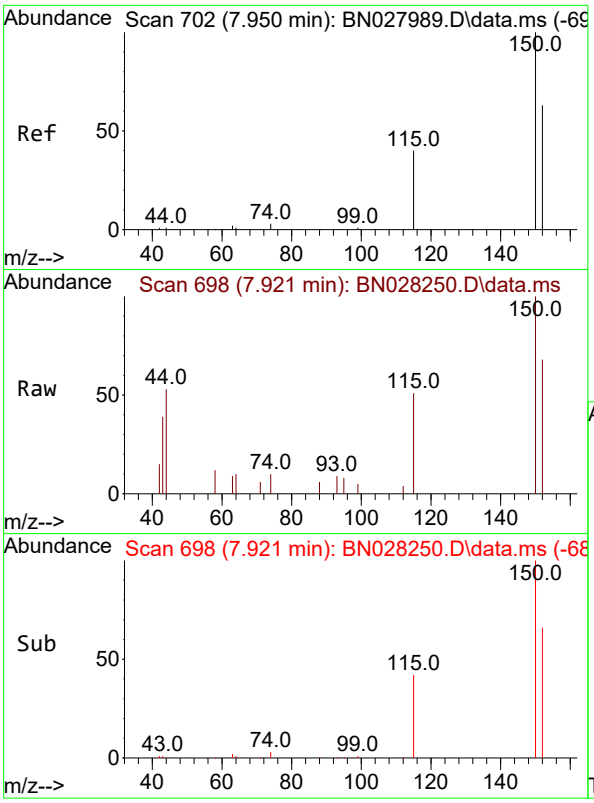
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028250.D
Acq On : 12 Oct 2023 02:15
Operator : MA/JU
Sample : PB156272BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Quant Time: Oct 12 04:09:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration



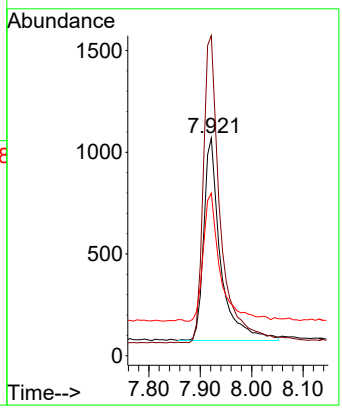


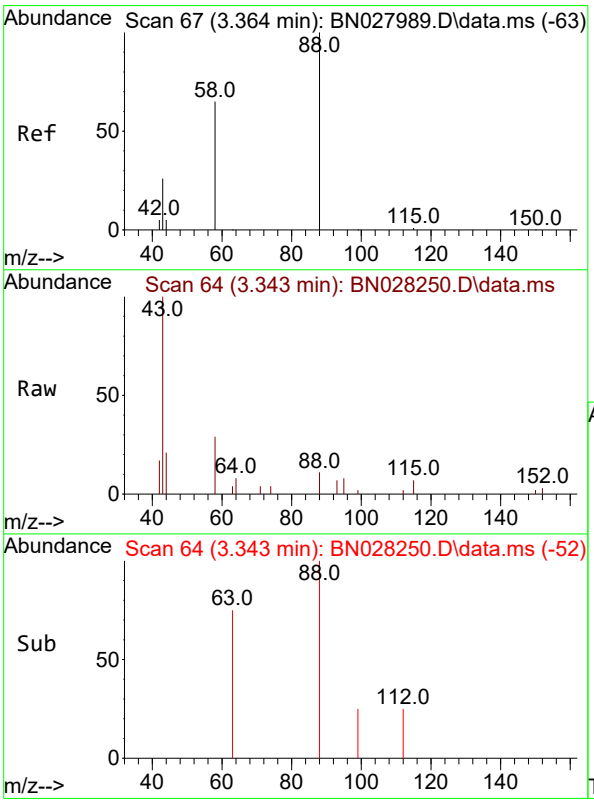
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.921 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:152 Resp: 2262

Ion	Ratio	Lower	Upper
152	100		
150	147.0	125.6	188.4
115	74.7	54.8	82.2

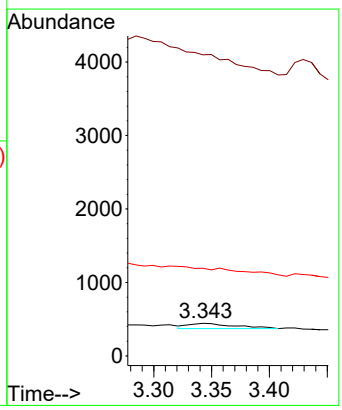


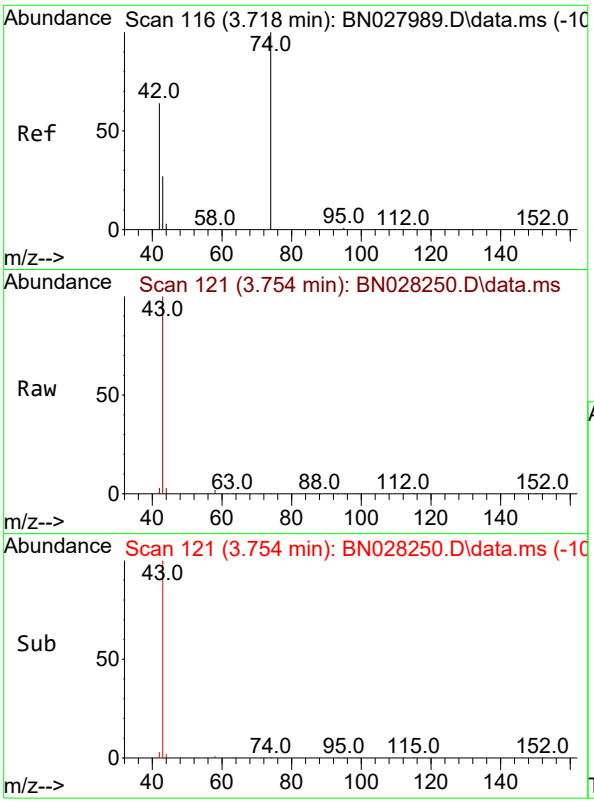


#2
1,4-Dioxane
Concen: 0.079 ng
RT: 3.343 min Scan# 64
Delta R.T. -0.015 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion: 88 Resp: 201

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	36.8#
58	0.0	53.8	80.6#



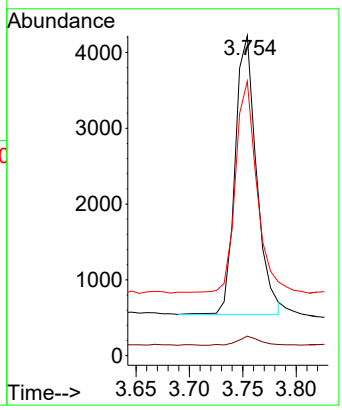


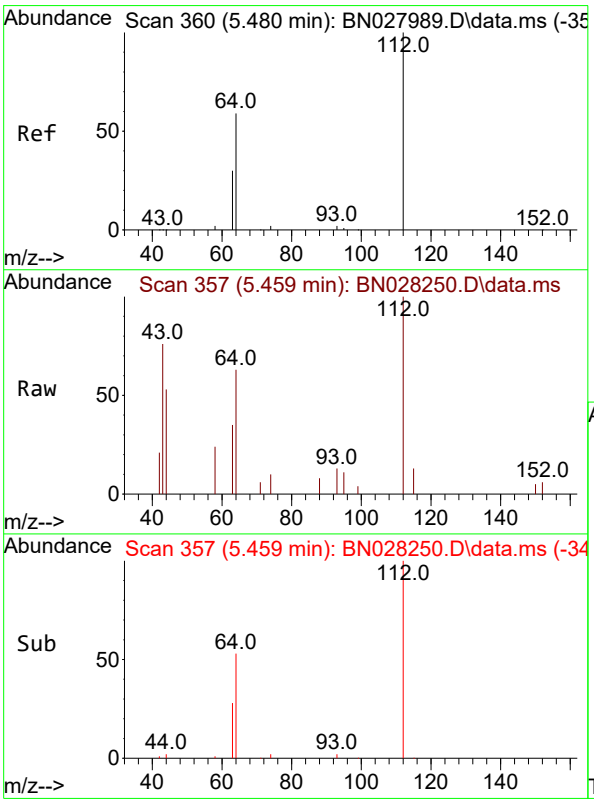
#3
n-Nitrosodimethylamine
Concen: 1.759 ng
RT: 3.754 min Scan# 1
Delta R.T. 0.043 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion: 42 Resp: 5113

Ion	Ratio	Lower	Upper
42	100		
74	3.3	115.9	173.9#
44	74.8	8.0	12.0#

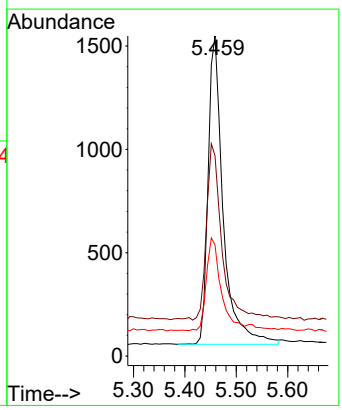


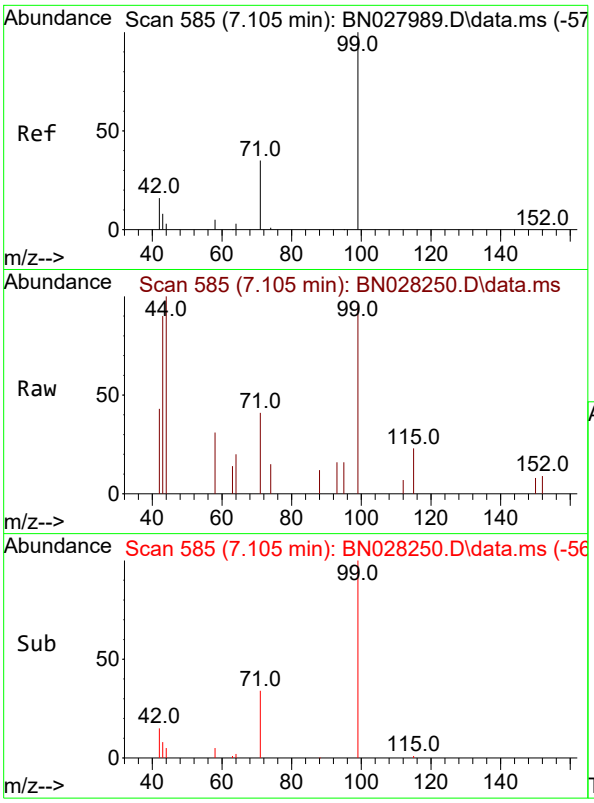


#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:112 Resp: 3042

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.0	67.6
63	29.2	23.4	35.0



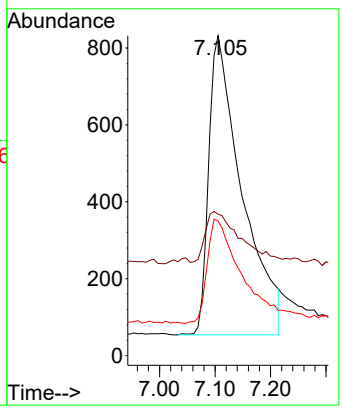


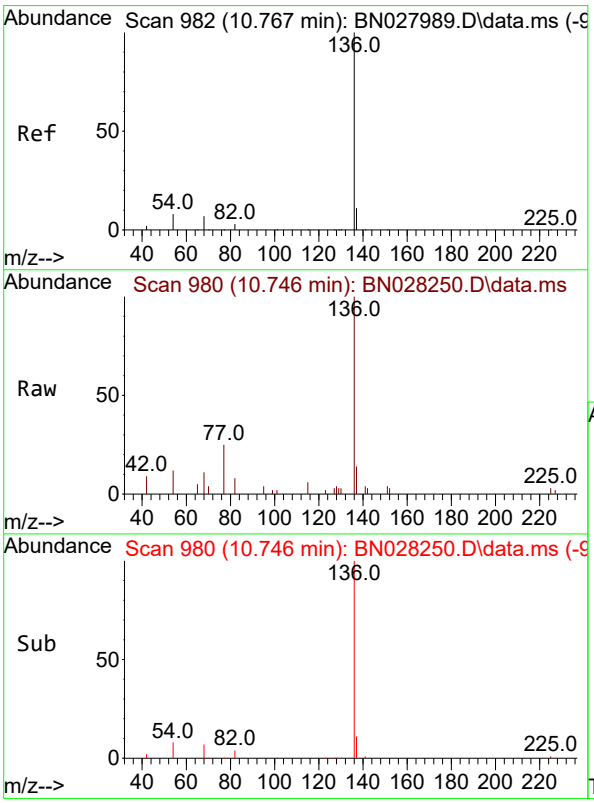
#5
Phenol-d6
Concen: 0.379 ng
RT: 7.105 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion: 99 Resp: 3229

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	22.0
71	35.4	28.3	42.5

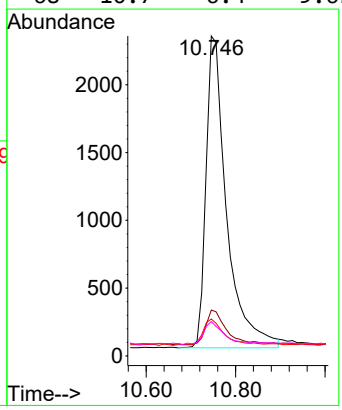


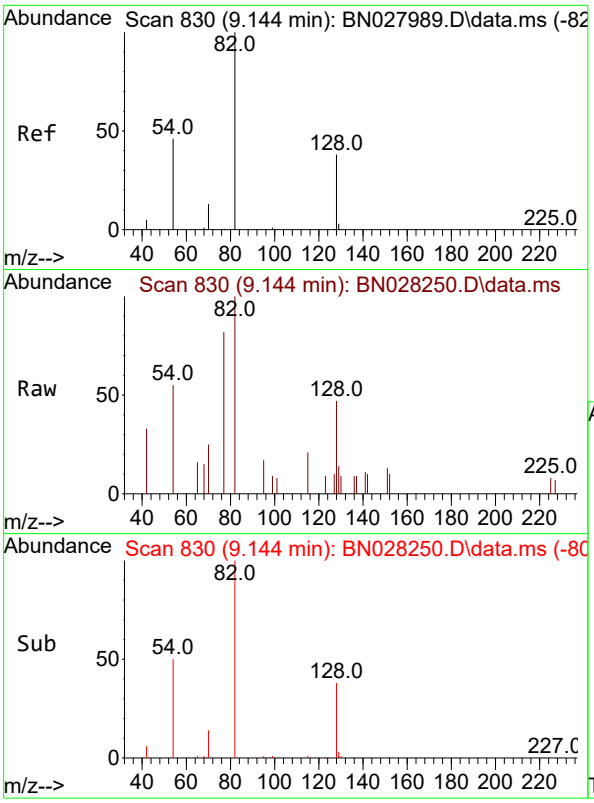


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.010 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:136 Resp: 7359

Ion	Ratio	Lower	Upper
136	100		
137	14.4	9.4	14.0#
54	11.5	7.0	10.6#
68	10.7	6.4	9.6#



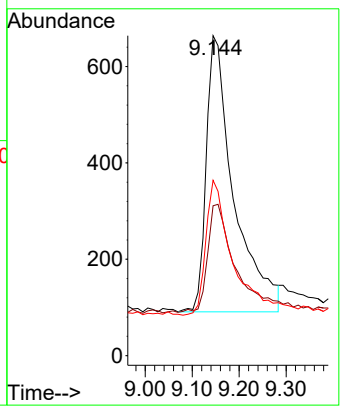


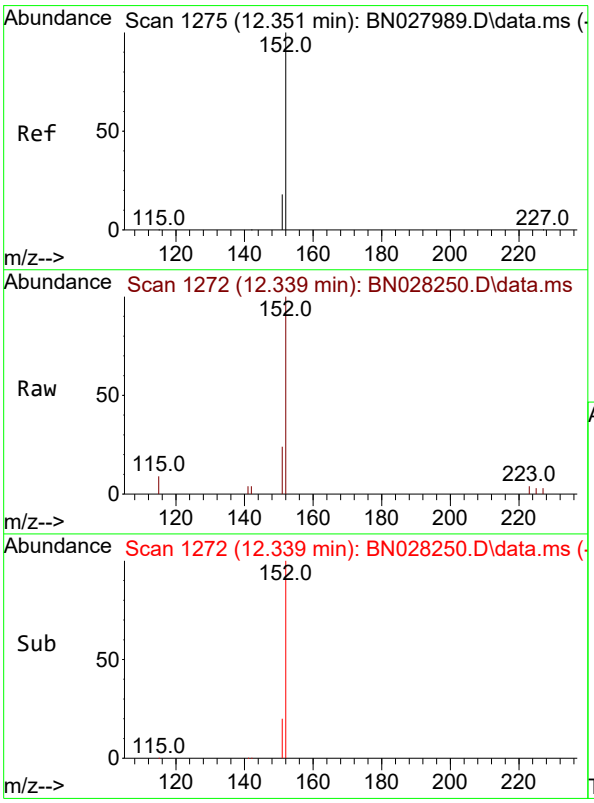
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.144 min Scan# 8
Delta R.T. 0.021 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion: 82 Resp: 2332

Ion	Ratio	Lower	Upper
82	100		
128	46.8	32.7	49.1
54	54.8	38.7	58.1

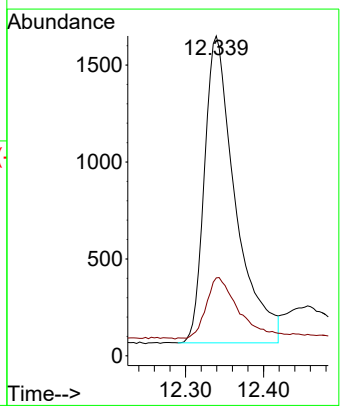


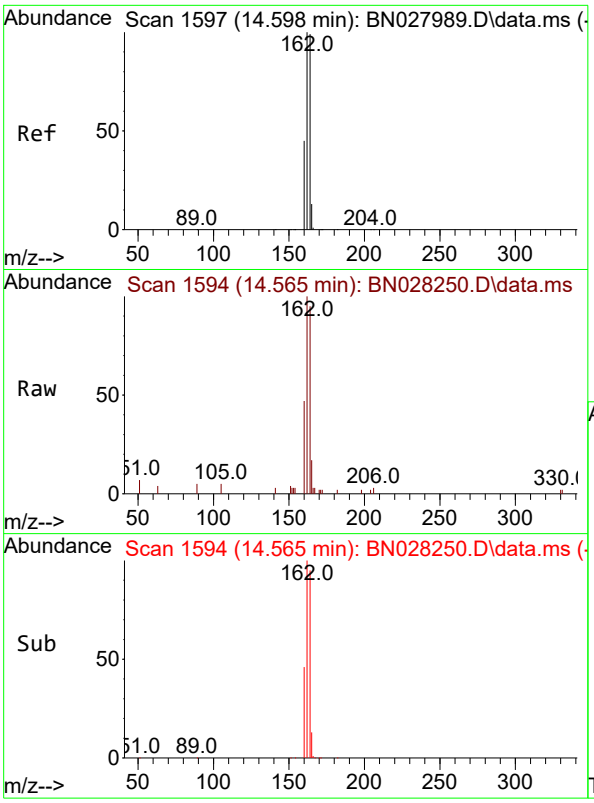


#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.339 min Scan# 1272
Delta R.T. 0.015 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:152 Resp: 4359

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.5	24.7



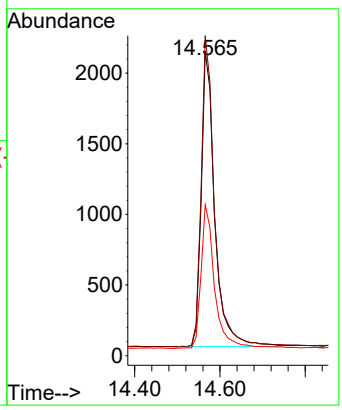


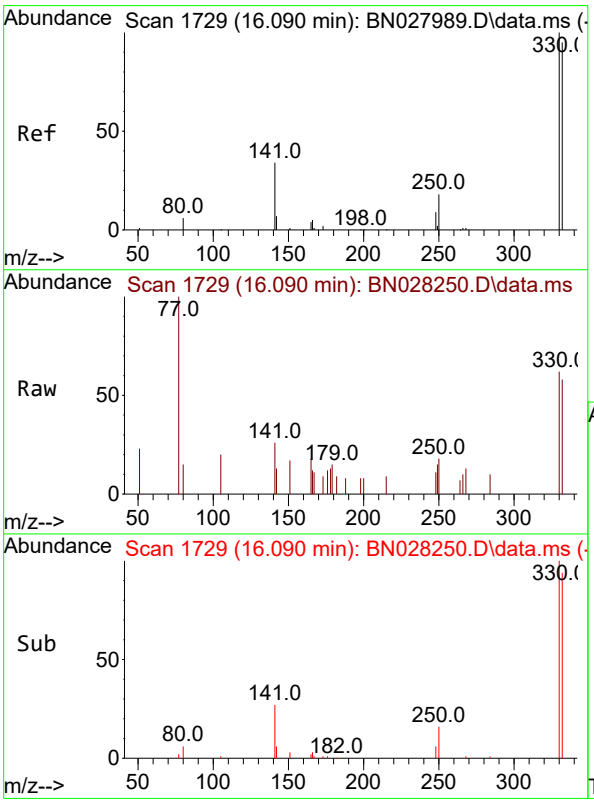
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.565 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:164 Resp: 4589

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.8	121.2
160	49.6	36.4	54.6

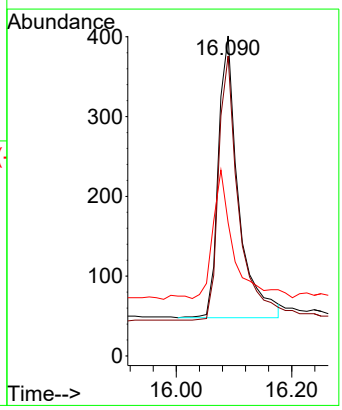


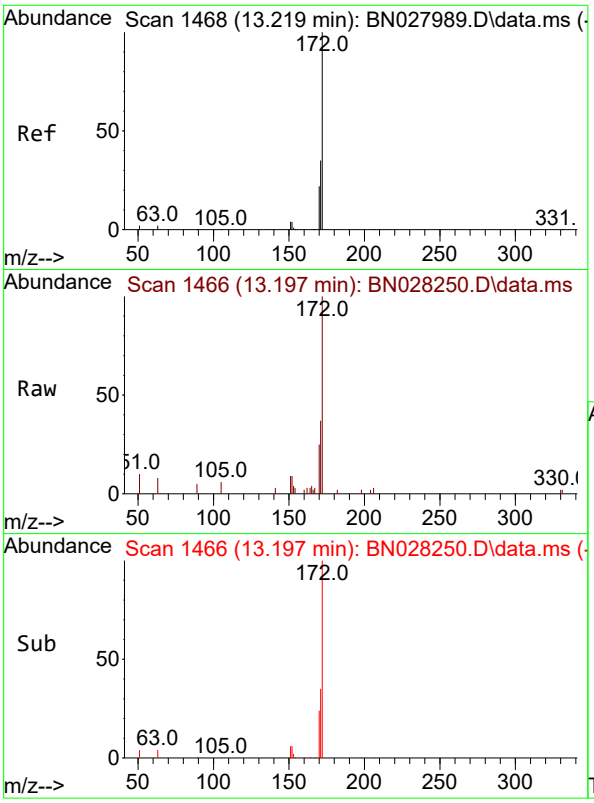


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:330 Resp: 853

Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.1	117.1
141	44.3	33.4	50.2



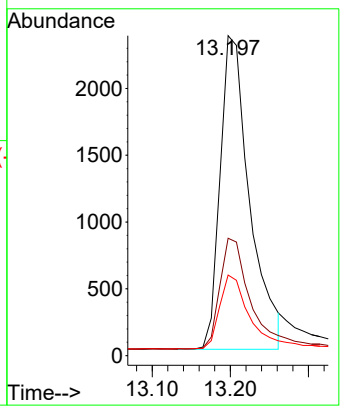


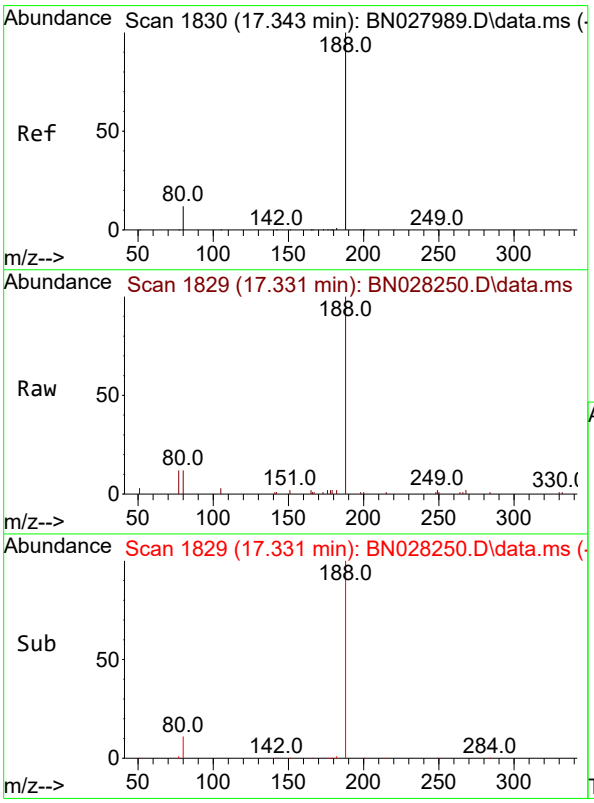
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.197 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:172 Resp: 6177

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.1	42.1
170	25.2	18.4	27.6

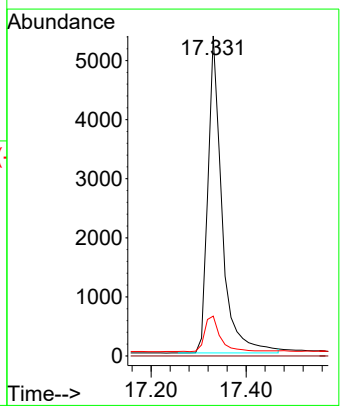


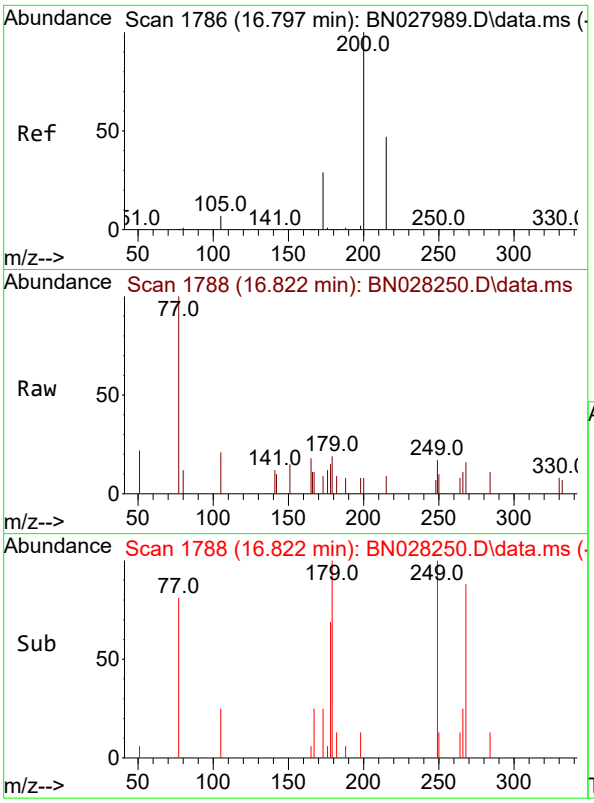


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:188 Resp: 11072

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	10.2	15.4



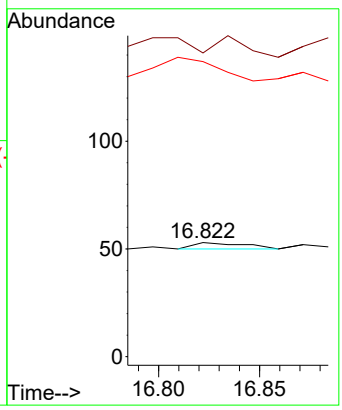


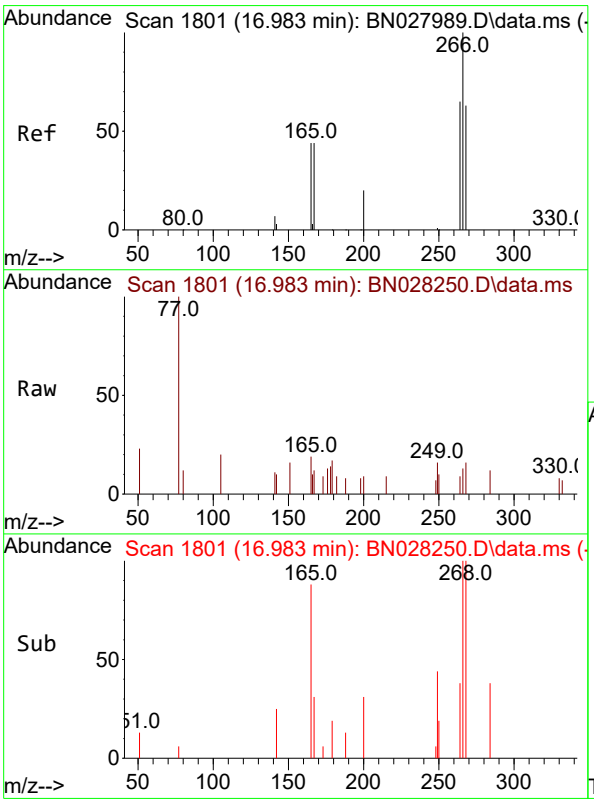
#20
4,6-Dinitro-2-methylphenol
Concen: 0.034 ng
RT: 16.822 min Scan# 1
Delta R.T. 0.037 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	266.0	180.7	271.1
105	258.5	222.2	333.2

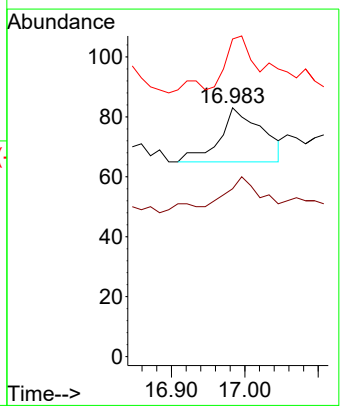


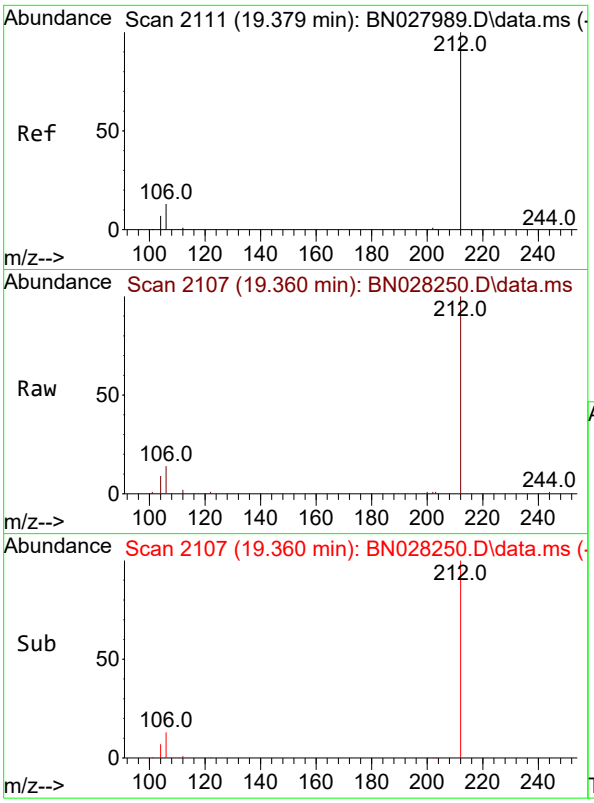


#24
Pentachlorophenol
Concen: 0.025 ng
RT: 16.983 min Scan# 1801
Delta R.T. 0.012 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
264	38.9	52.7	79.1#
268	98.6	56.2	84.2#



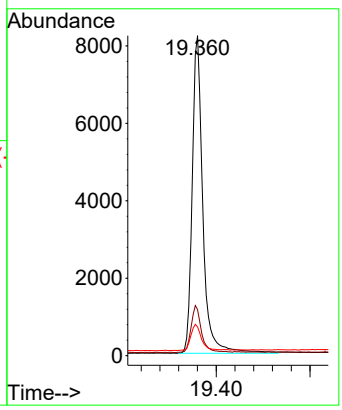


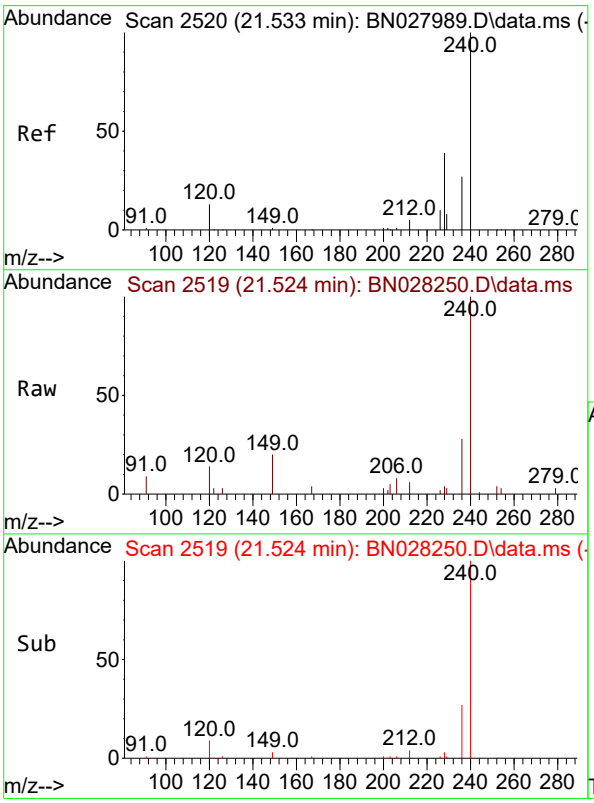
#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:212 Resp: 12939

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.3	16.9
104	8.3	6.4	9.6

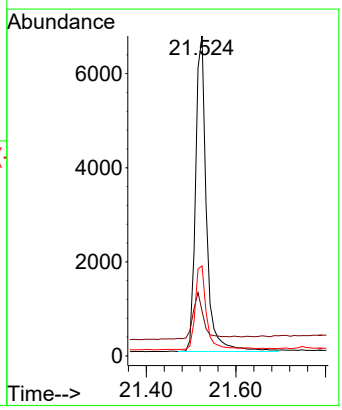


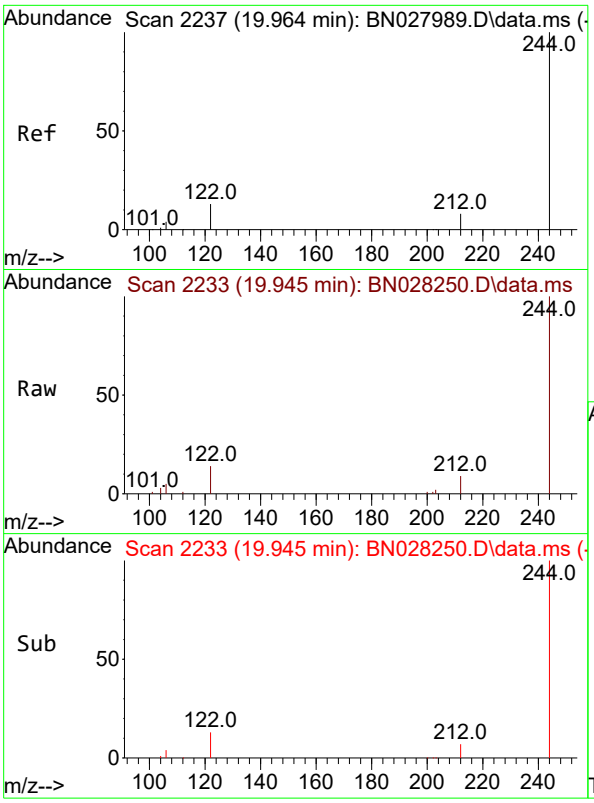


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:240 Resp: 11302

Ion	Ratio	Lower	Upper
240	100		
120	14.1	13.8	20.6
236	28.1	22.6	33.8



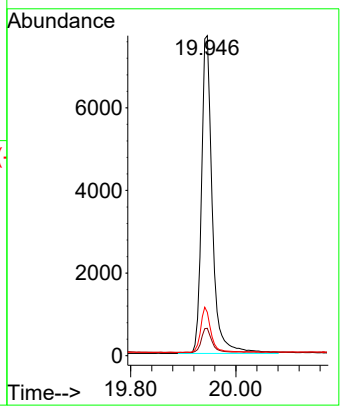


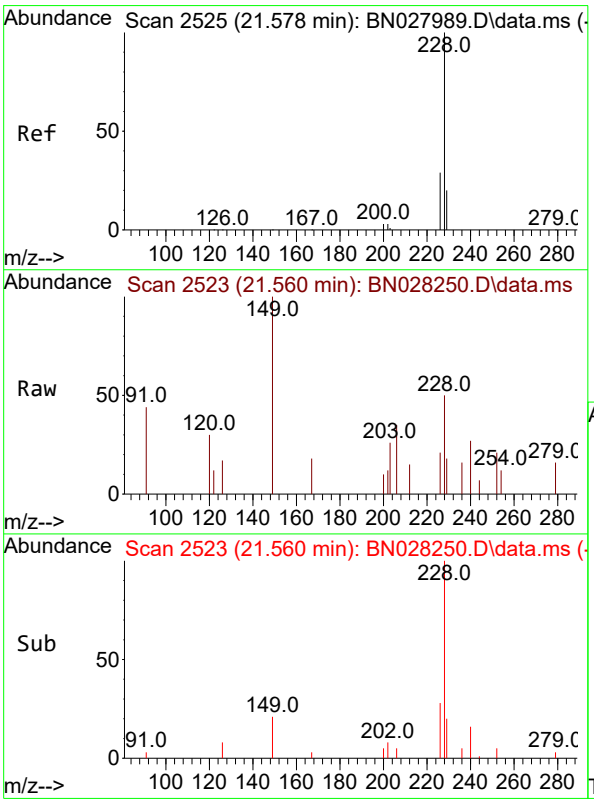
#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.945 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:244 Resp: 11006

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	9.8
122	13.5	11.4	17.0

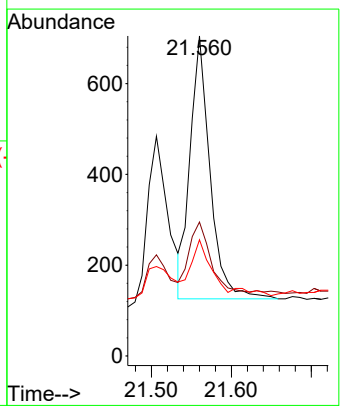


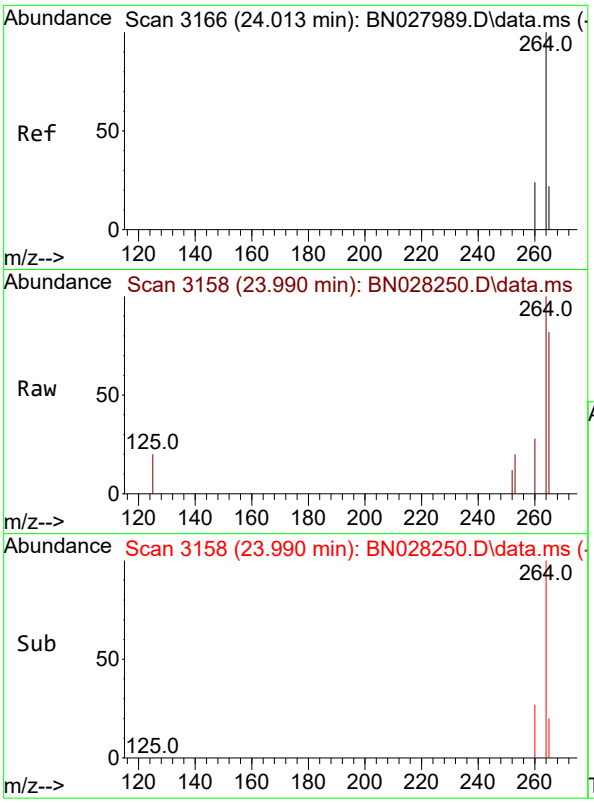


#33
Chrysene
Concen: 0.027 ng
RT: 21.560 min Scan# 2523
Delta R.T. 0.009 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:228 Resp: 1004

Ion	Ratio	Lower	Upper
228	100		
226	41.8	23.8	35.8#
229	36.3	16.6	25.0#



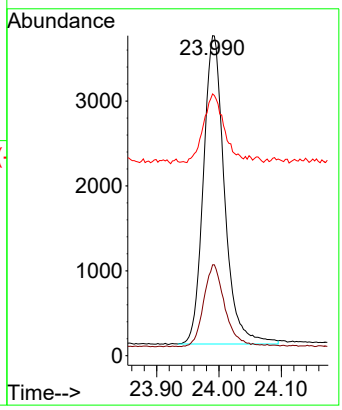


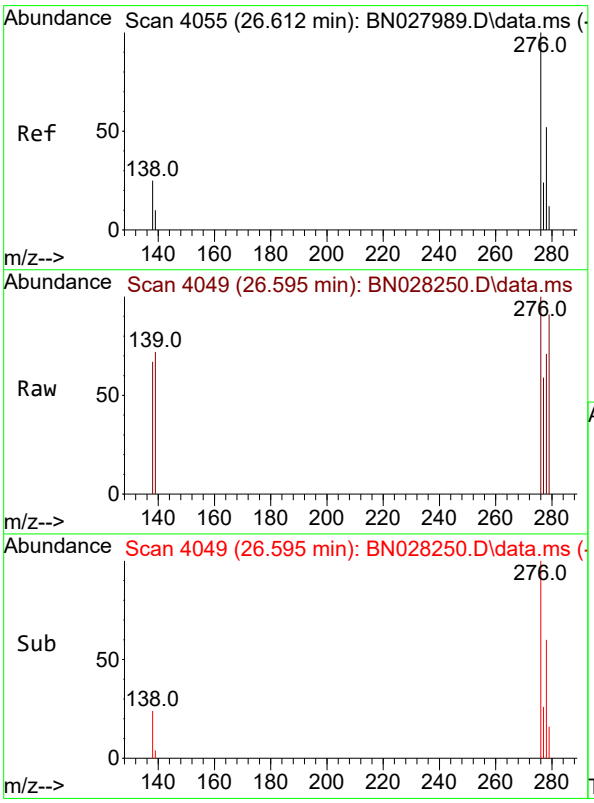
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.990 min Scan# 3
Delta R.T. 0.014 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:264 Resp: 8523

Ion	Ratio	Lower	Upper
264	100		
260	28.4	20.2	30.4
265	81.8	54.8	82.2

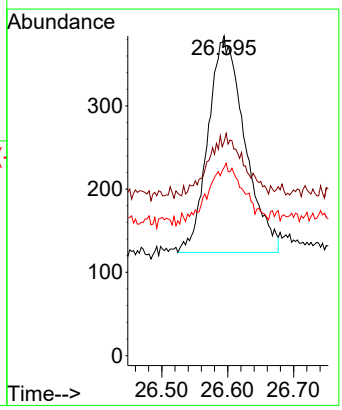


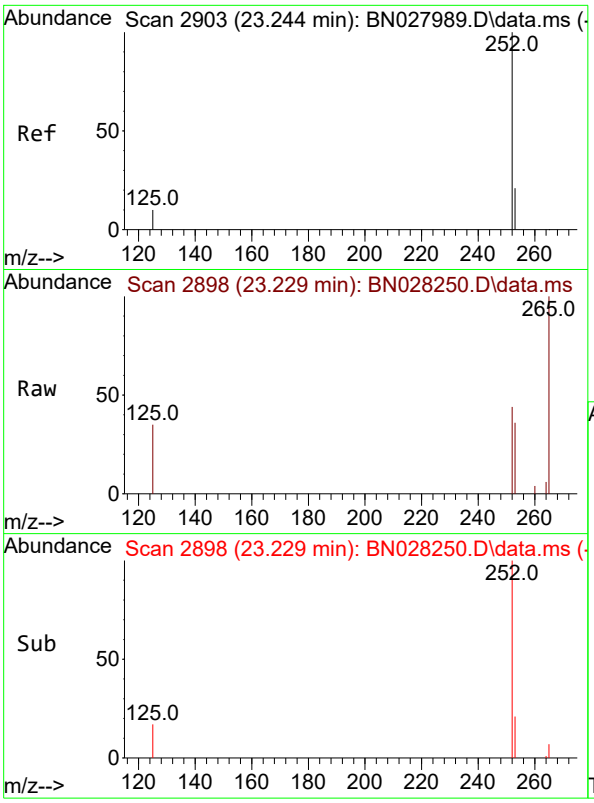


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 26.595 min Scan# 4049
Delta R.T. 0.038 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:276 Resp: 1002

Ion	Ratio	Lower	Upper
276	100		
138	10.9	20.9	31.3#
277	24.6	19.8	29.6



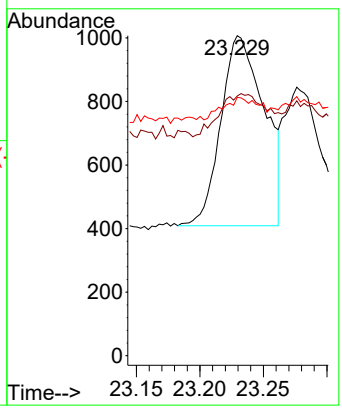


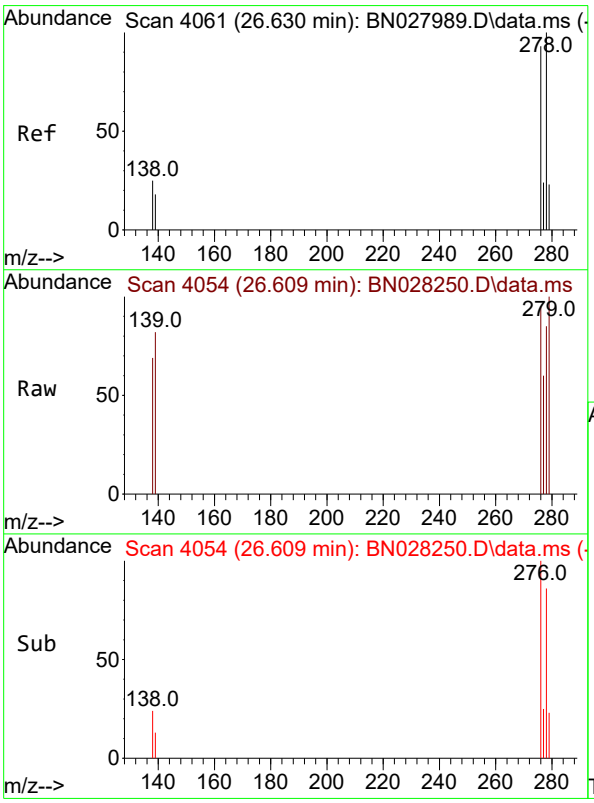
#37
Benzo(b)fluoranthene
Concen: 0.052 ng
RT: 23.229 min Scan# 2
Delta R.T. 0.017 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:252 Resp: 1418

Ion	Ratio	Lower	Upper
252	100		
253	81.1	22.9	34.3#
125	80.7	13.8	20.8#

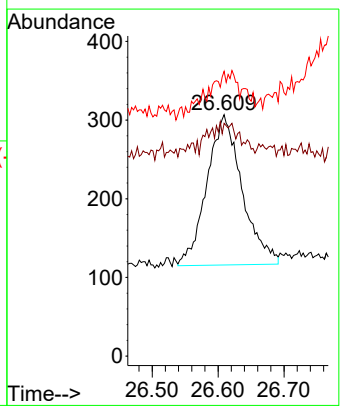


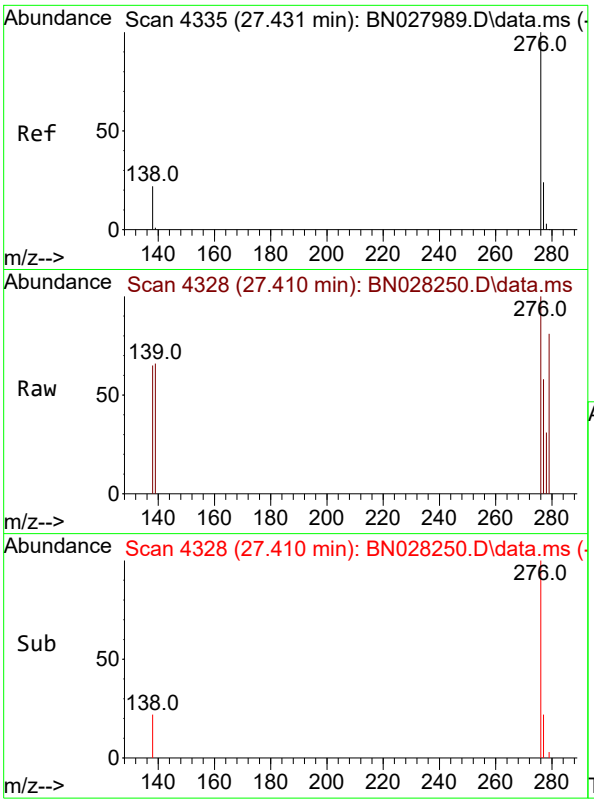


#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 26.609 min Scan# 4054
Delta R.T. 0.032 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:278 Resp: 707

Ion	Ratio	Lower	Upper
278	100		
139	96.4	17.7	26.5#
279	117.9	25.2	37.8#





#41
Benzo(g,h,i)perylene
Concen: 0.045 ng
RT: 27.410 min Scan# 4
Delta R.T. 0.044 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion:276 Resp: 1078

Ion	Ratio	Lower	Upper
276	100		
277	58.1	22.1	33.1#
138	65.4	20.8	31.2#