Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028942.D
Acq On : 01 Dec 2023 11:54
Operator : MA/JU
Sample : 05350-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Quant Time: Dec 01 14:25:24 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	3461	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	8646	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	3986	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7627	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4801	0.400	ng	# 0.00
35) Perylene-d12	23.713	264	4800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1659	0.158	ng	-0.02
5) Phenol-d6	7.024	99	993	0.085	ng	-0.02
8) Nitrobenzene-d5	8.971	82	2564	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4305	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	708	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6470	0.376	ng	-0.01
27) Fluoranthene-d10	19.213	212	8232	0.410	ng	0.00
31) Terphenyl-d14	19.817	244	6530	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3226	0.952	ng	# 87
3) n-Nitrosodimethylamine	3.781	42	92	0.109	ng	# 14
12) 2-Methylnaphthalene	12.249	142	413	0.024	ng	# 77
16) Acenaphthylene	14.150	152	10222	0.484	ng	96
17) Acenaphthene	14.482	154	1363	0.097	ng	# 91
18) Fluorene	15.486	166	1379	0.078	ng	# 12
25) Phenanthrene	17.221	178	584	0.023	ng	# 67
28) Fluoranthene	19.241	202	776	0.030	ng	# 53
30) Pyrene	19.608	202	1626	0.138	ng	# 76
32) Benzo(a)anthracene	21.365	228	1043	0.051	ng	# 1
33) Chrysene	21.409	228	939	0.047	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.302	149	1295	Below Cal		# 84
37) Benzo(b)fluoranthene	23.003	252	479	0.024	ng	# 45
39) Benzo(a)pyrene	23.611	252	640	0.036	ng	# 61

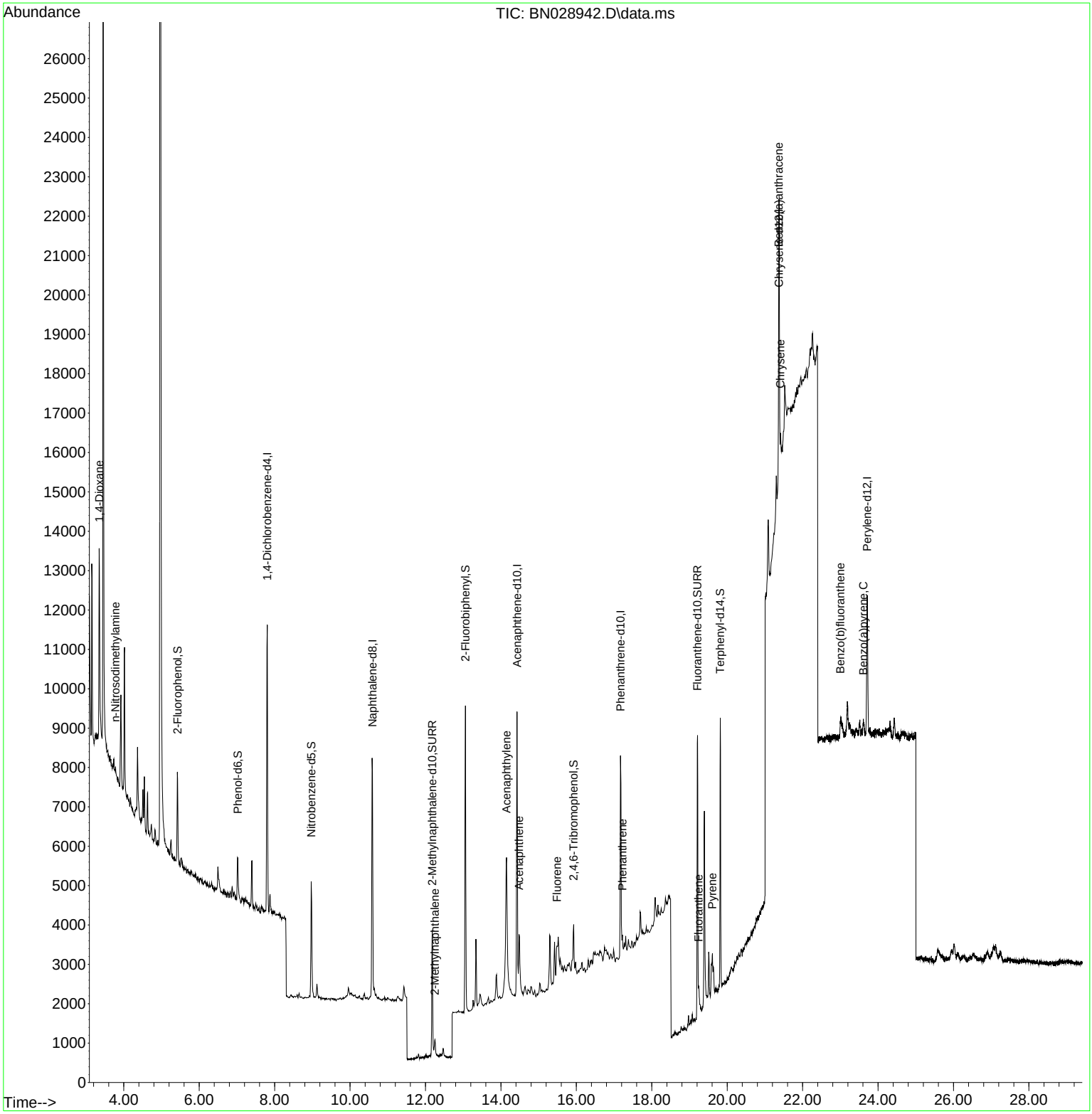
(#) = qualifier out of range (m) = manual integration (+) = signals summed

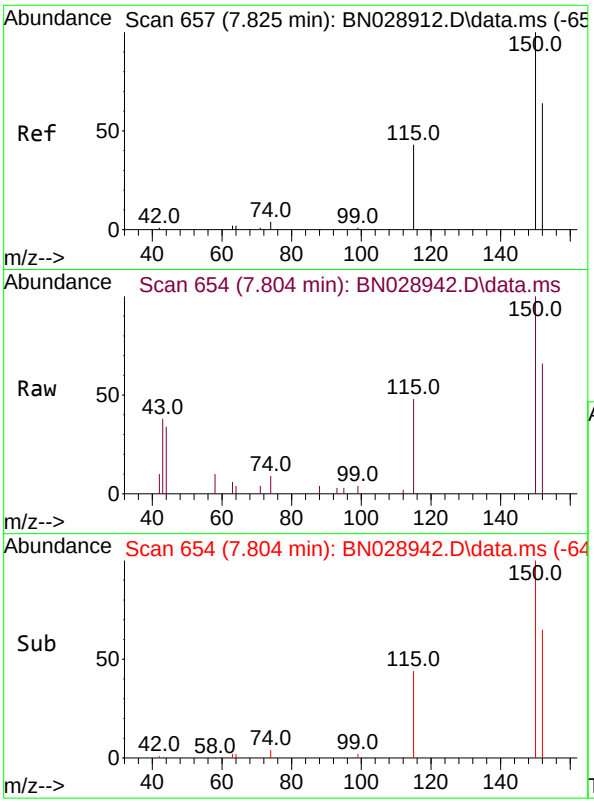
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028942.D
Acq On : 01 Dec 2023 11:54
Operator : MA/JU
Sample : 05350-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Quant Time: Dec 01 14:25:24 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



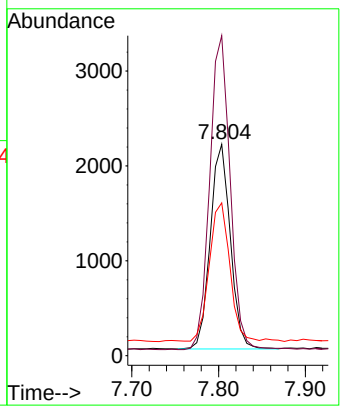


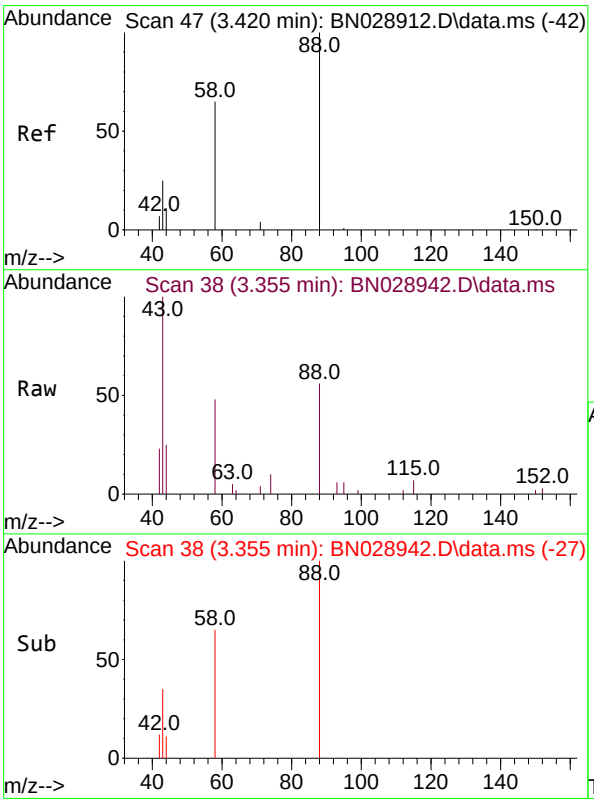
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:152 Resp: 3461

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.4	185.2
115	72.3	59.1	88.7

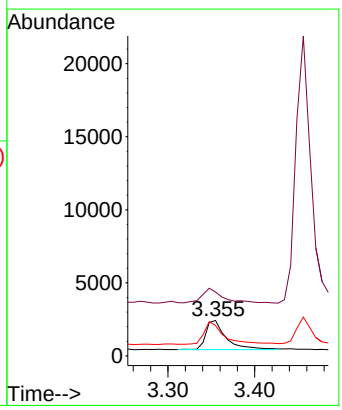


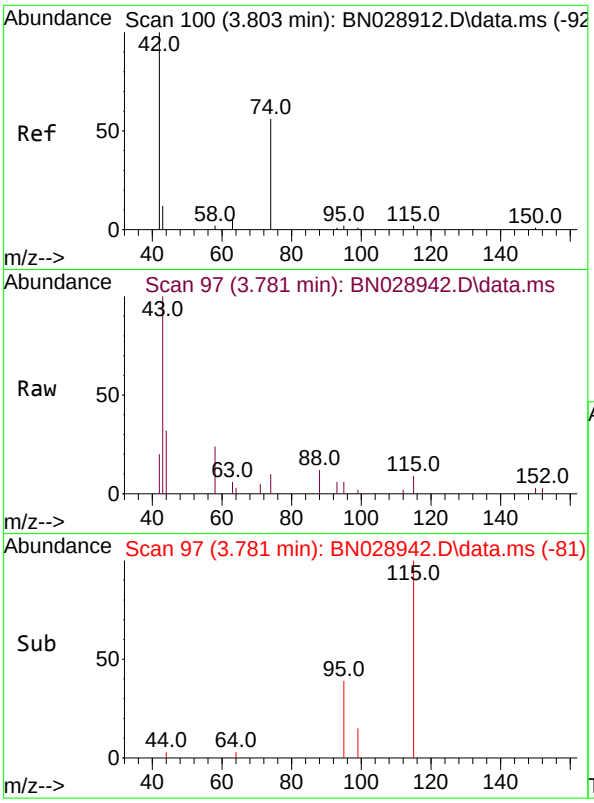


#2
1,4-Dioxane
Concen: 0.952 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.022 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion: 88 Resp: 3226

Ion	Ratio	Lower	Upper
88	100		
43	49.9	29.9	44.9#
58	76.1	55.0	82.4



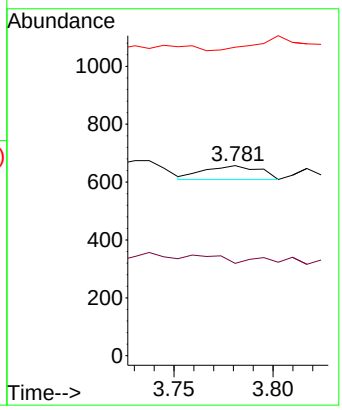


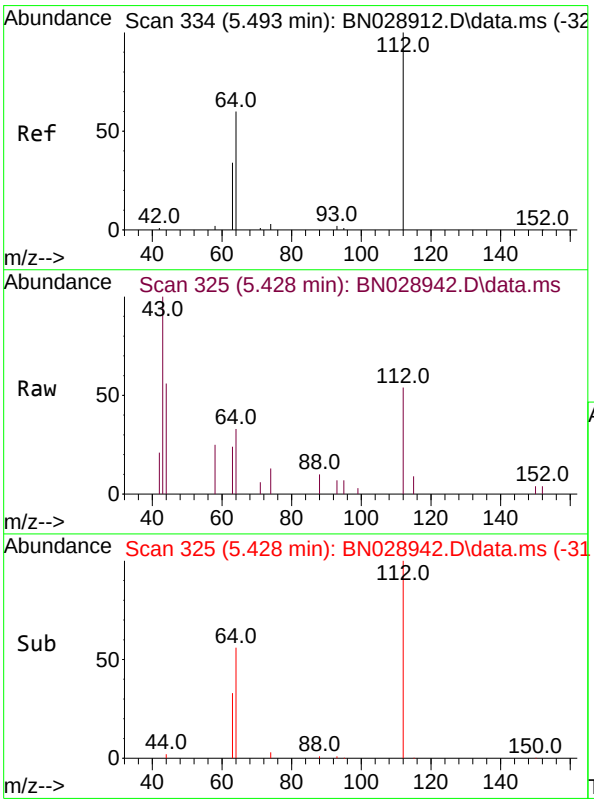
#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.781 min Scan# 9
Delta R.T. 0.014 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion: 42 Resp: 92

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

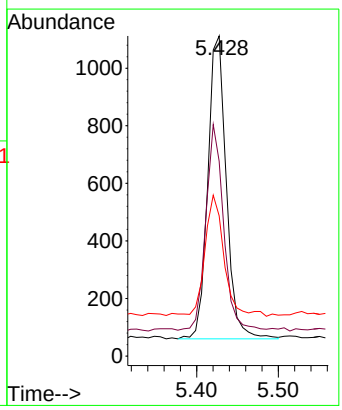


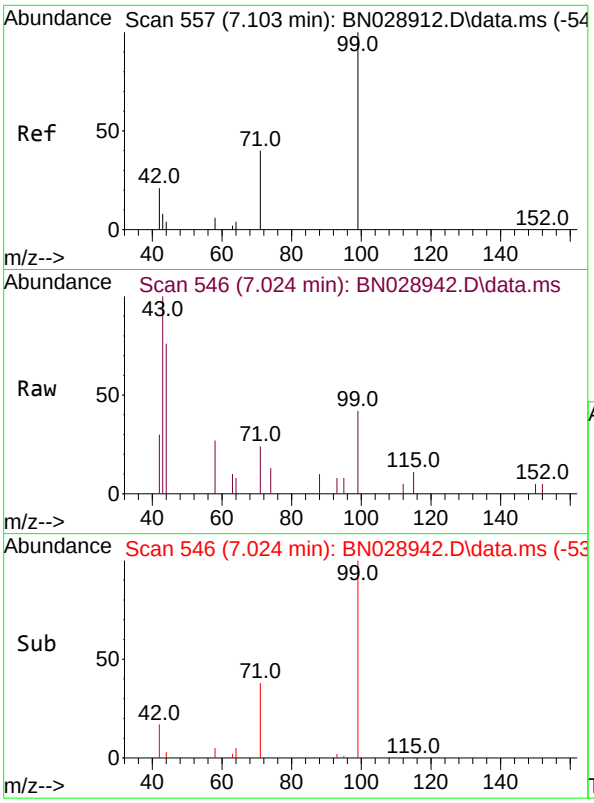


#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.428 min Scan# 325
Delta R.T. -0.022 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:112 Resp: 1659

Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.5	77.3
63	40.7	30.4	45.6



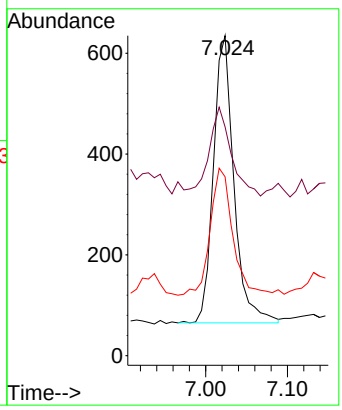


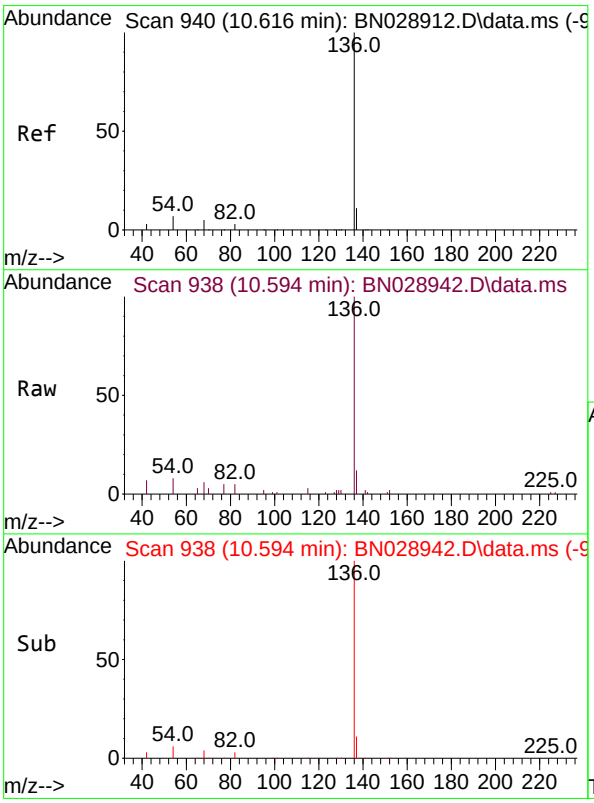
#5
Phenol-d6
Concen: 0.085 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.022 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion: 99 Resp: 993

Ion	Ratio	Lower	Upper
99	100		
42	33.1	21.2	31.8#
71	48.5	35.4	53.0

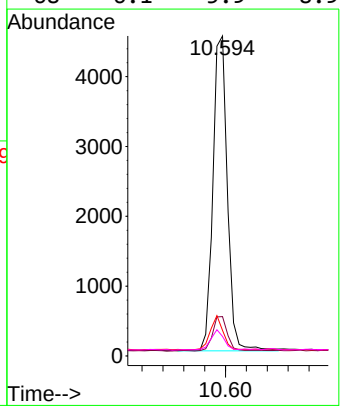


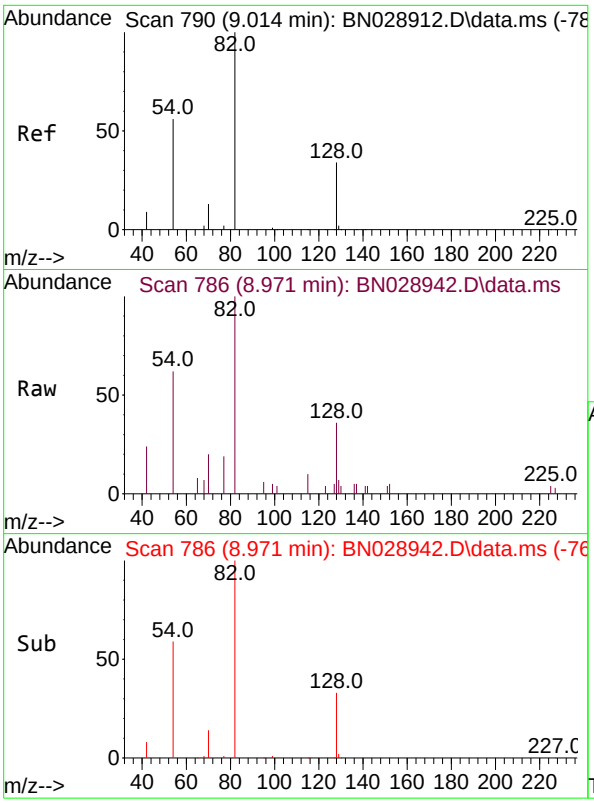


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:136 Resp: 8646

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.6	16.0
54	8.0	7.5	11.3
68	6.1	5.9	8.9



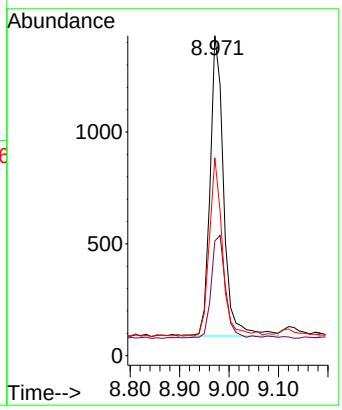


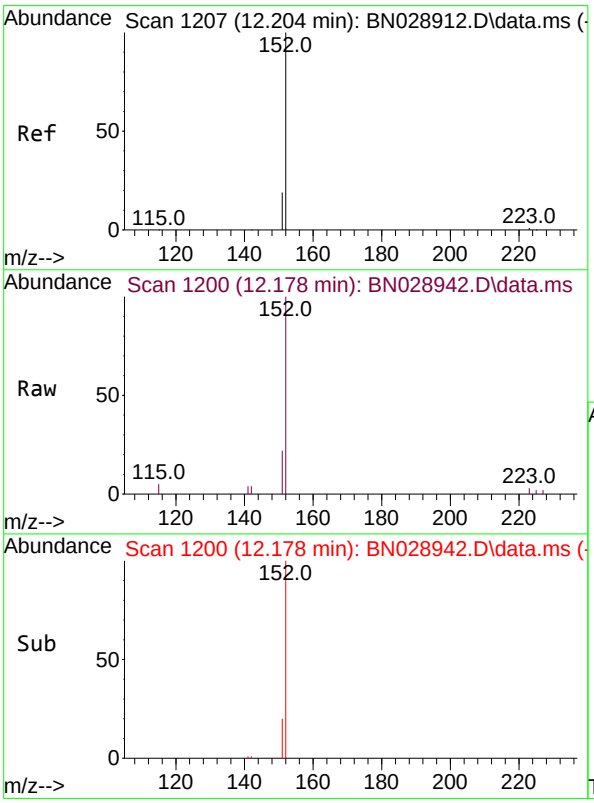
#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.971 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion: 82 Resp: 2564

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.2	43.8
54	61.8	47.0	70.6

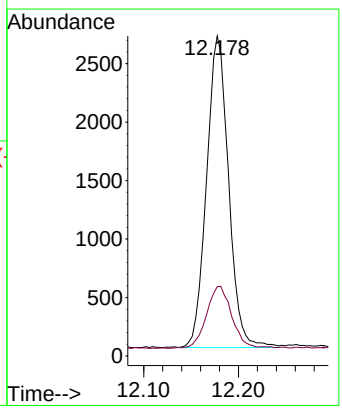


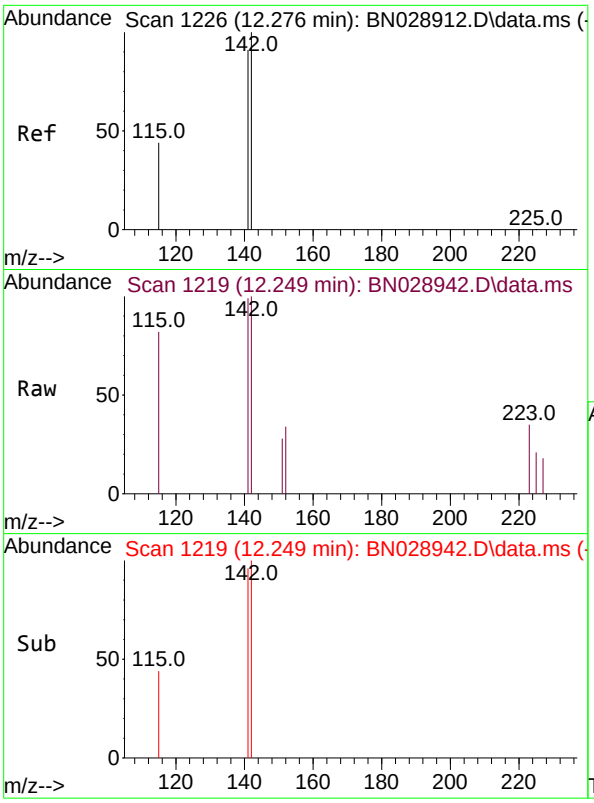


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.178 min Scan# 1200
Delta R.T. -0.008 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:152 Resp: 4305

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.7	25.1



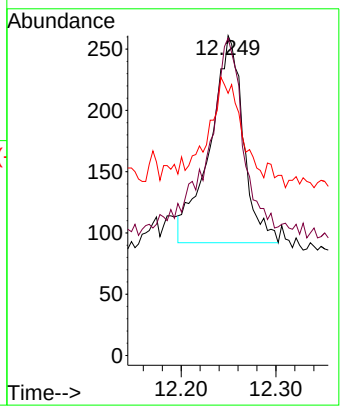


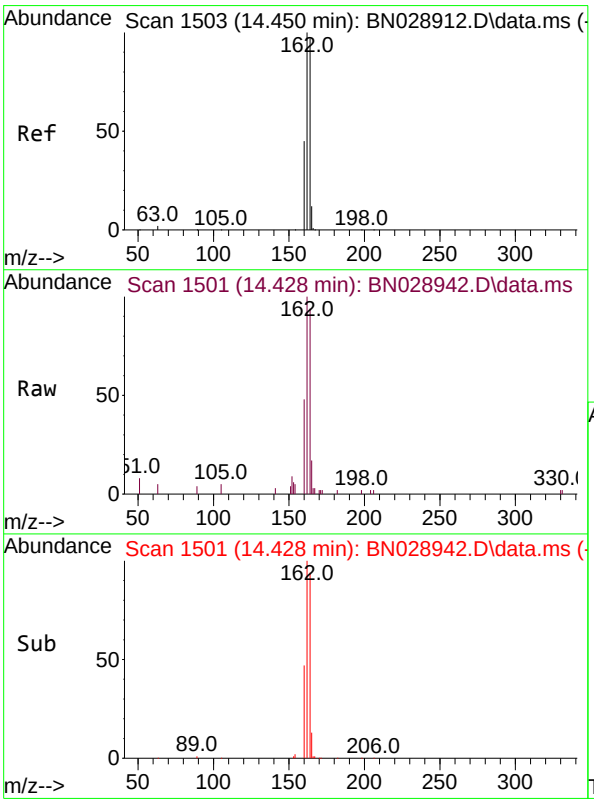
#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 12.249 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:142 Resp: 413

Ion	Ratio	Lower	Upper
142	100		
141	99.2	73.1	109.7
115	82.0	37.6	56.4#

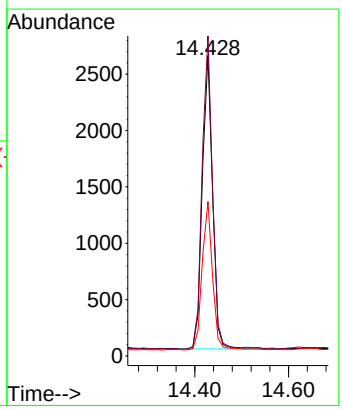


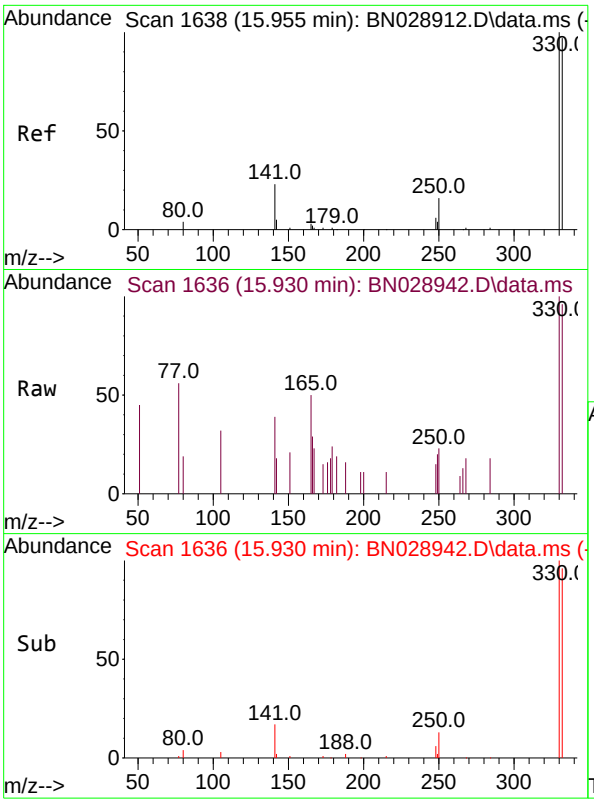


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:164 Resp: 3986

Ion	Ratio	Lower	Upper
164	100		
162	106.5	81.7	122.5
160	51.4	37.0	55.6



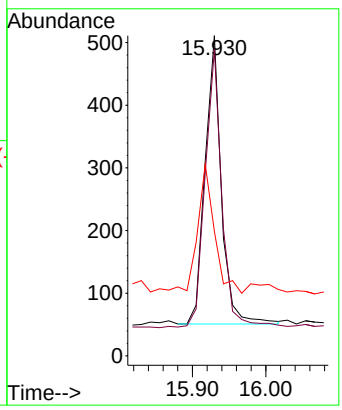


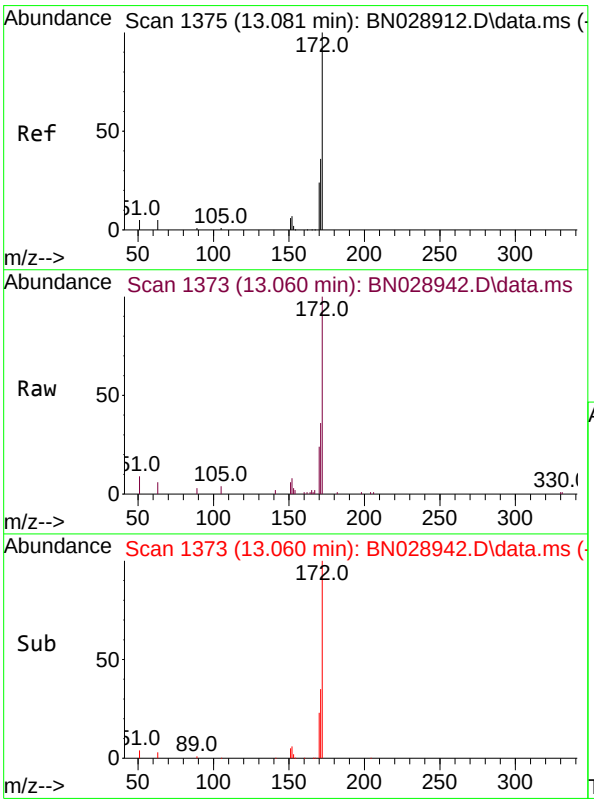
#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:330 Resp: 708

Ion	Ratio	Lower	Upper
330	100		
332	100.0	75.4	113.2
141	45.8	35.7	53.5

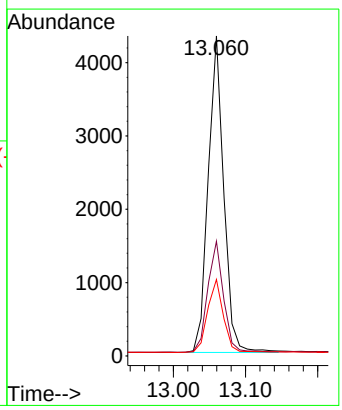


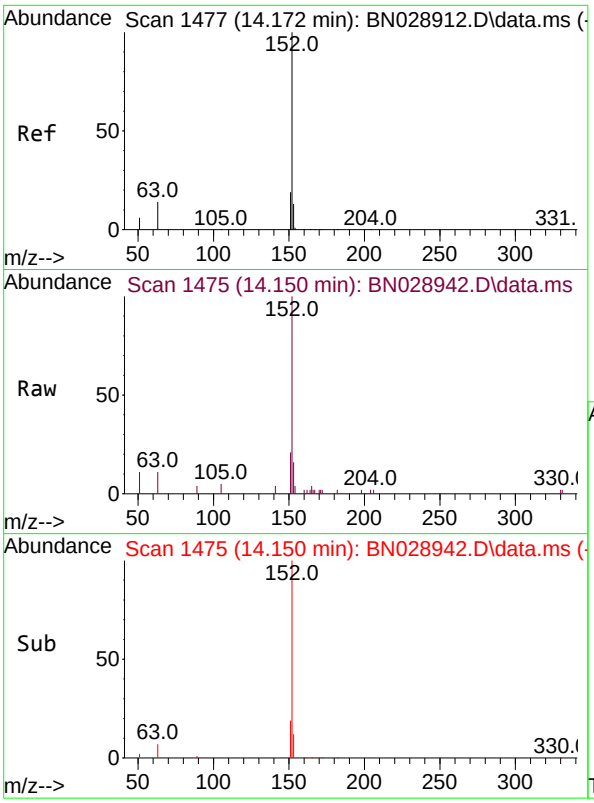


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:172 Resp: 6470

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.9	19.7	29.5



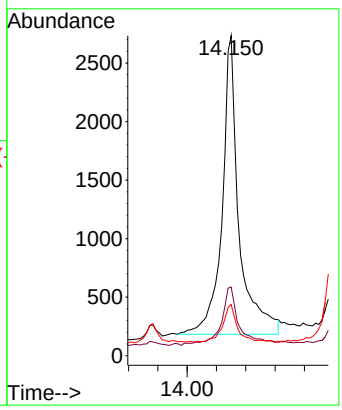


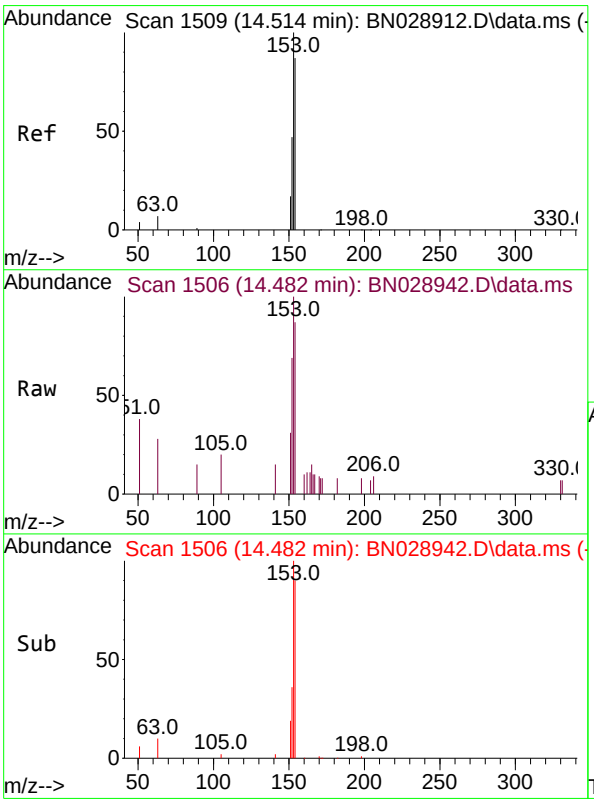
#16
Acenaphthylene
Concen: 0.484 ng
RT: 14.150 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:152 Resp: 10222

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.9	23.9
153	11.7	10.8	16.2

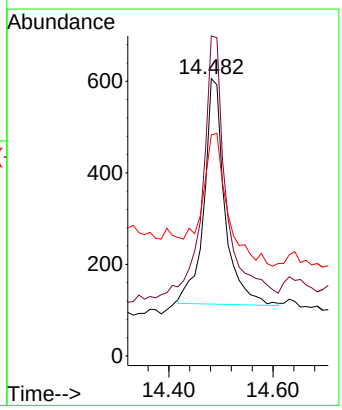


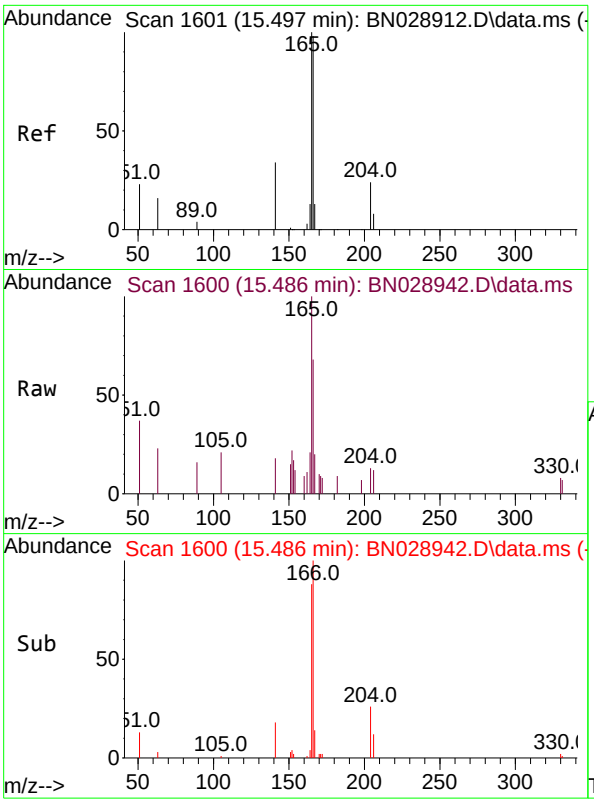


#17
Acenaphthene
Concen: 0.097 ng
RT: 14.482 min Scan# 1506
Delta R.T. -0.011 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:154 Resp: 1363

Ion	Ratio	Lower	Upper
154	100		
153	119.6	93.8	140.6
152	73.4	44.5	66.7#



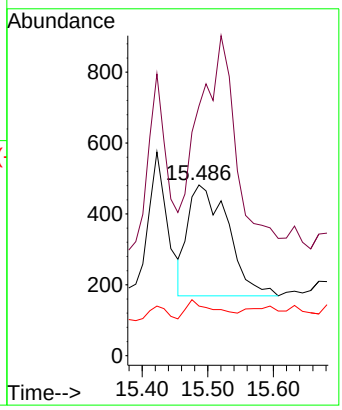


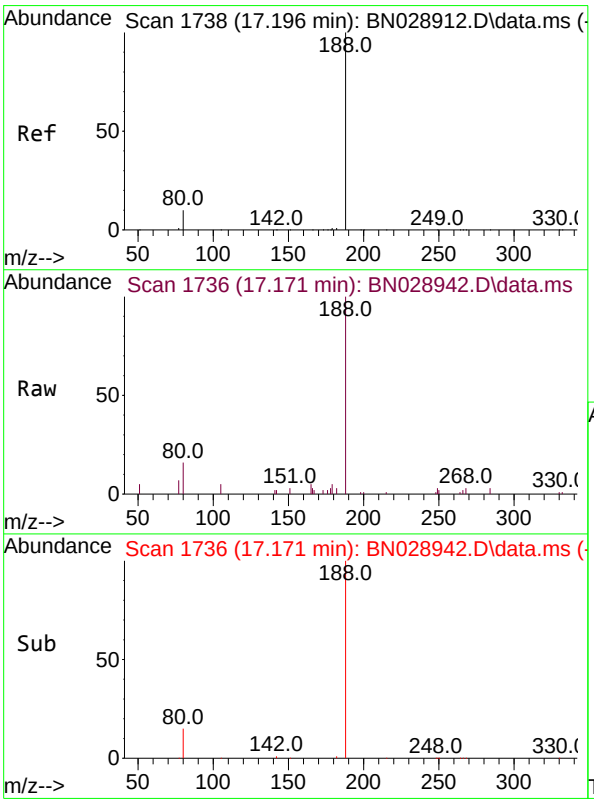
#18
Fluorene
Concen: 0.078 ng
RT: 15.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:166 Resp: 1379

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.4	119.2#
167	11.7	11.0	16.4

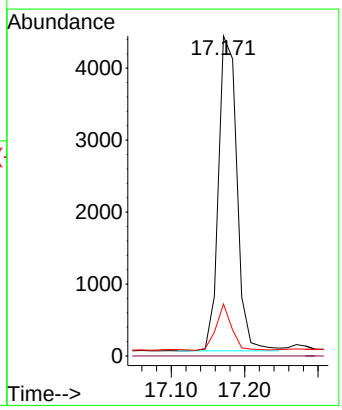


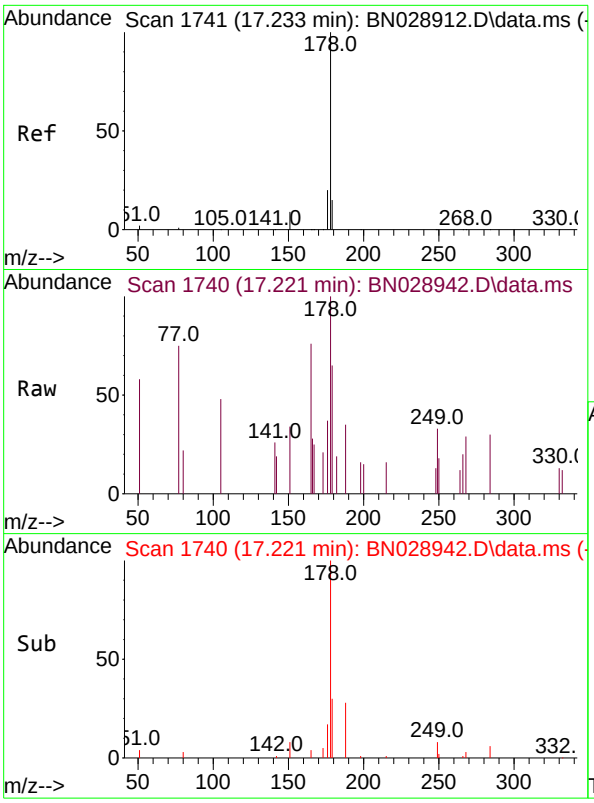


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:188 Resp: 7627

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.2	9.0	13.6#



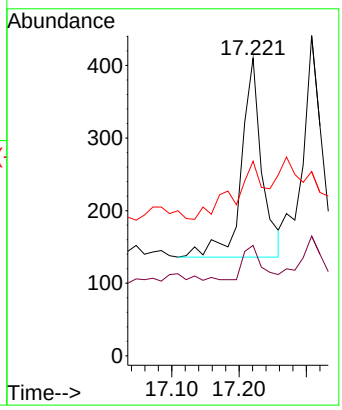


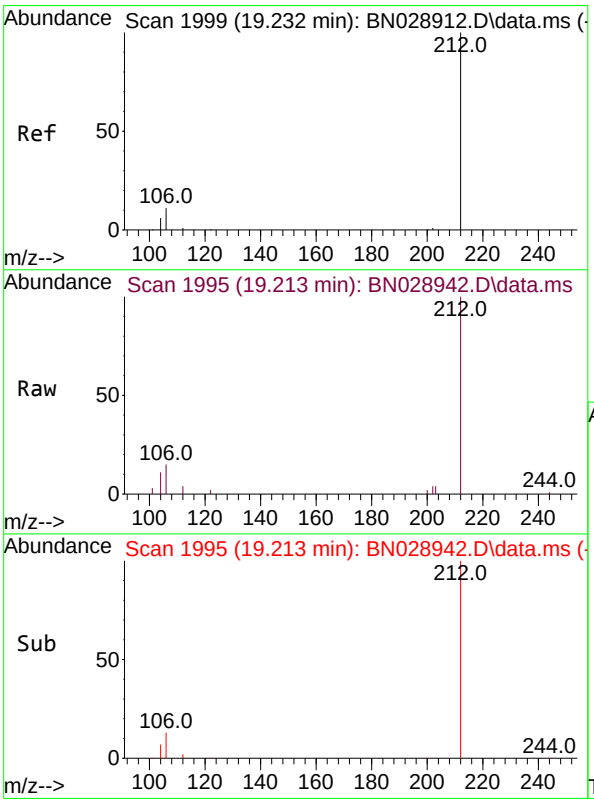
#25
Phenanthrene
Concen: 0.023 ng
RT: 17.221 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:178 Resp: 584

Ion	Ratio	Lower	Upper
178	100		
176	15.2	16.4	24.6#
179	42.8	14.1	21.1#

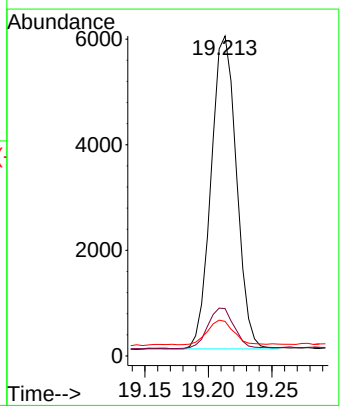


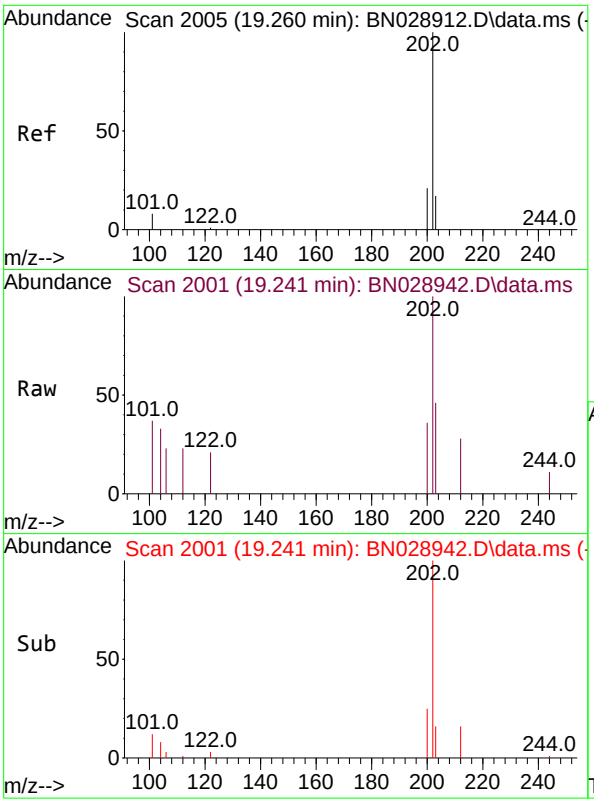


#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:212 Resp: 8232

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.4	14.2
104	8.2	6.2	9.2



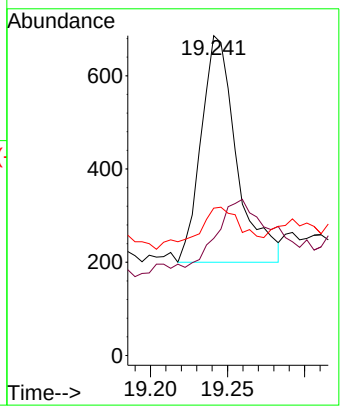


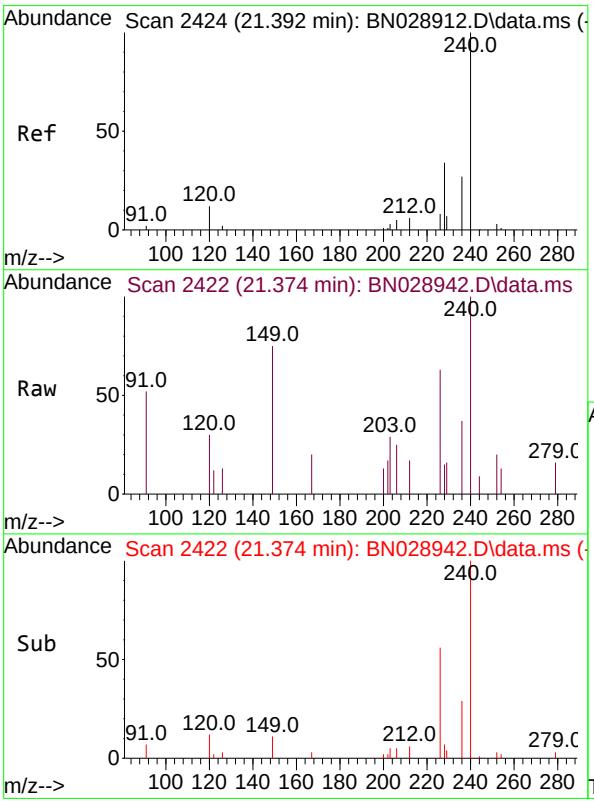
#28
Fluoranthene
Concen: 0.030 ng
RT: 19.241 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:202 Resp: 776

Ion	Ratio	Lower	Upper
202	100		
101	49.2	7.3	10.9#
203	23.6	14.1	21.1#

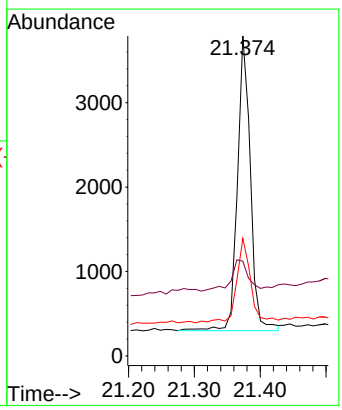


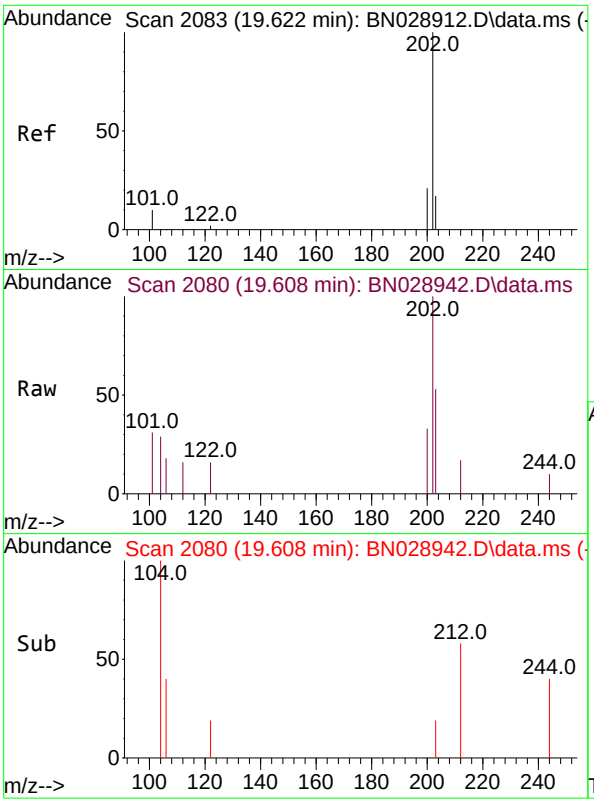


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:240 Resp: 4801

Ion	Ratio	Lower	Upper
240	100		
120	29.6	37.1	55.7#
236	36.7	32.4	48.6



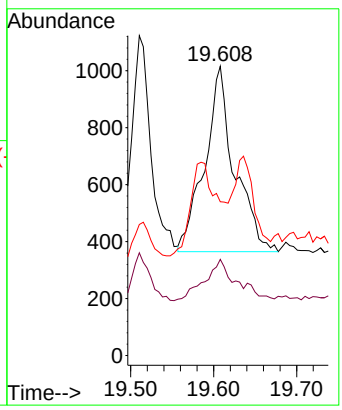


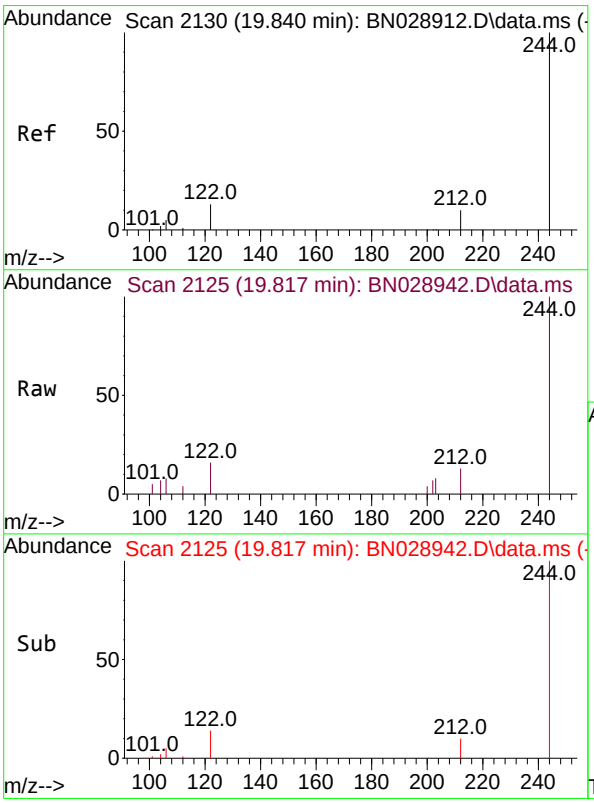
#30
Pyrene
Concen: 0.138 ng
RT: 19.608 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:202 Resp: 1626

Ion	Ratio	Lower	Upper
202	100		
200	25.2	16.9	25.3
203	0.0	14.8	22.2#

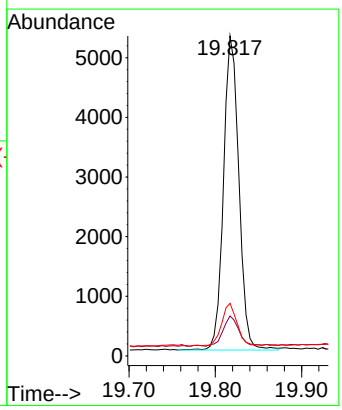


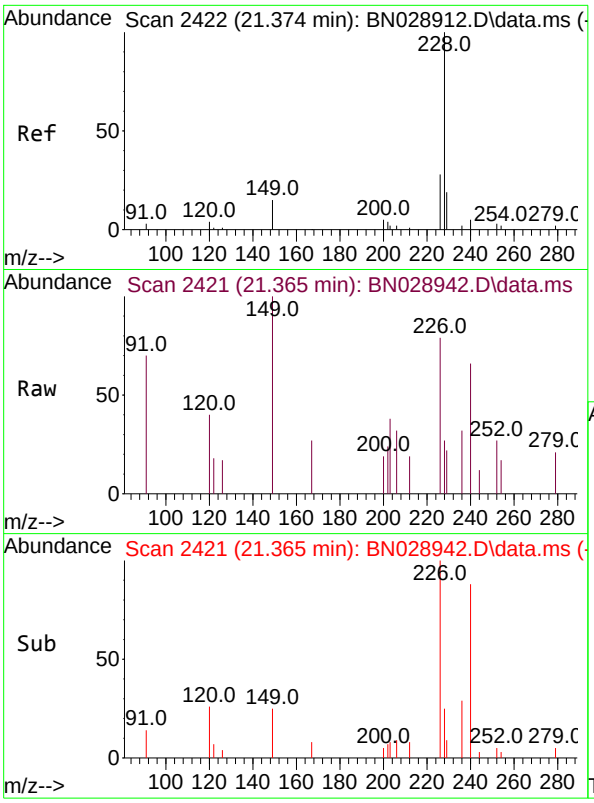


#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.817 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:244 Resp: 6530

Ion	Ratio	Lower	Upper
244	100		
212	12.5	11.5	17.3
122	16.5	13.2	19.8



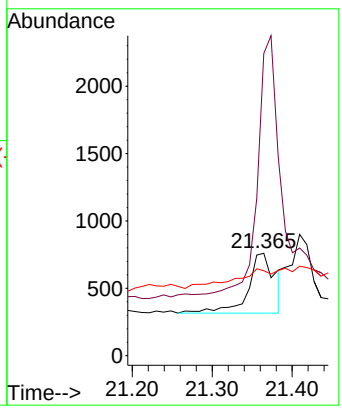


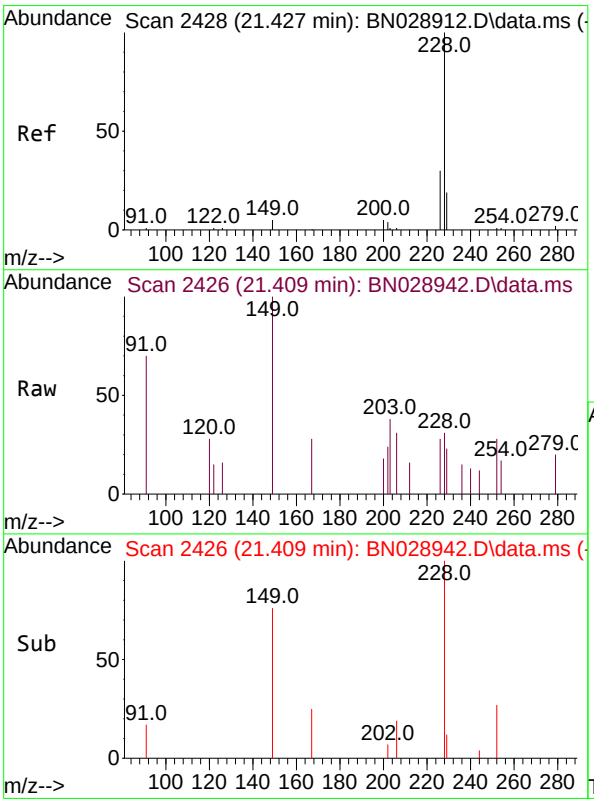
#32
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.365 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:228 Resp: 1043

Ion	Ratio	Lower	Upper
228	100		
226	295.1	26.5	39.7#
229	83.0	16.4	24.6#

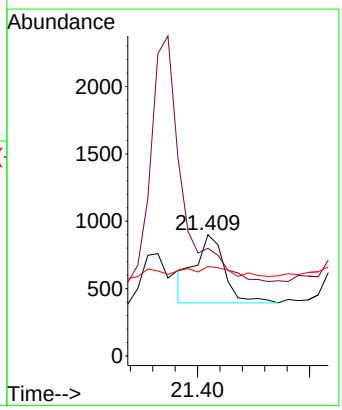


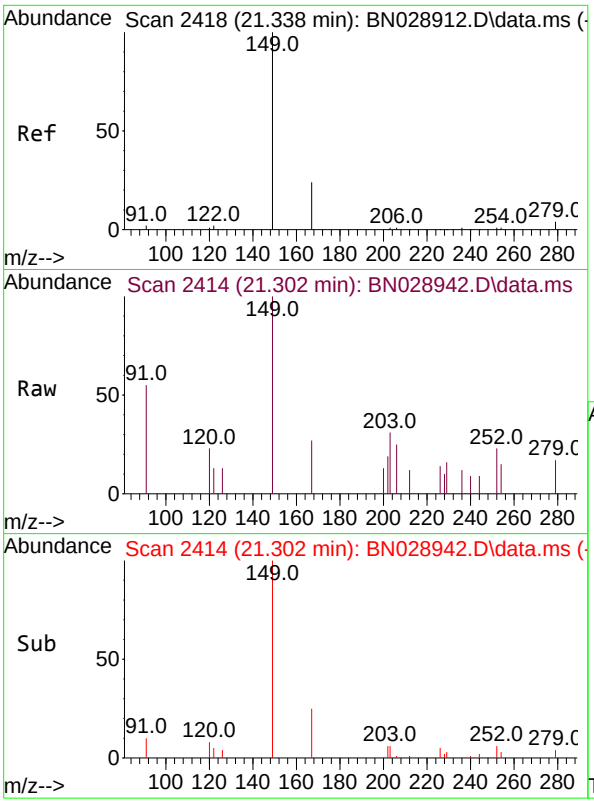


#33
Chrysene
Concen: 0.047 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:228 Resp: 939

Ion	Ratio	Lower	Upper
228	100		
226	88.8	28.3	42.5#
229	73.8	16.4	24.6#



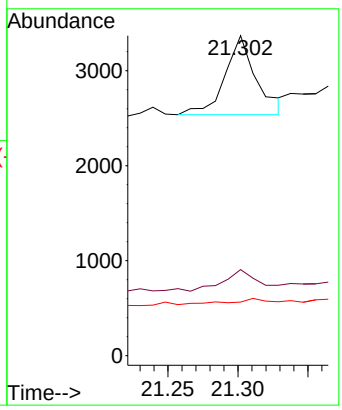


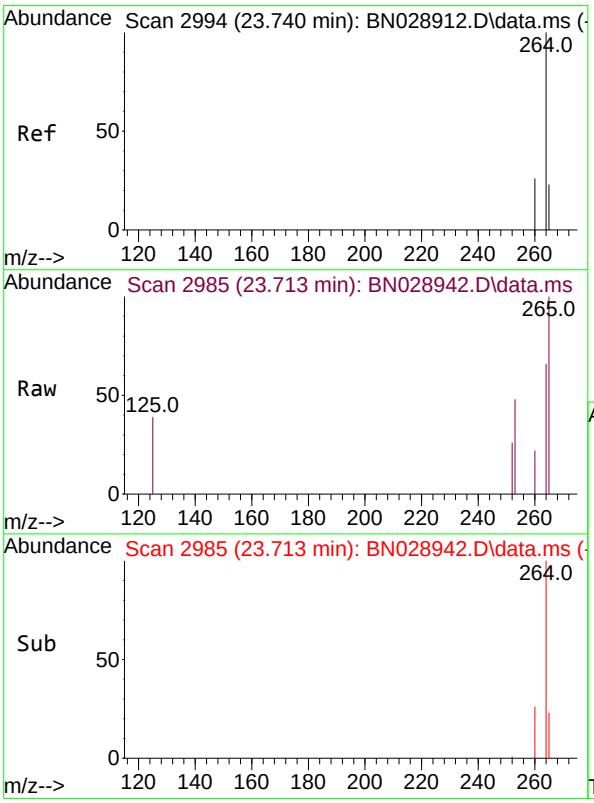
#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.302 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:149 Resp: 1295

Ion	Ratio	Lower	Upper
149	100		
167	28.0	14.9	22.3#
279	10.0	6.3	9.5#

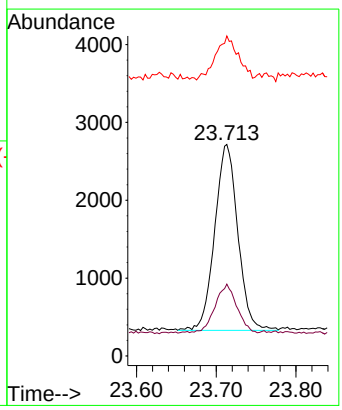


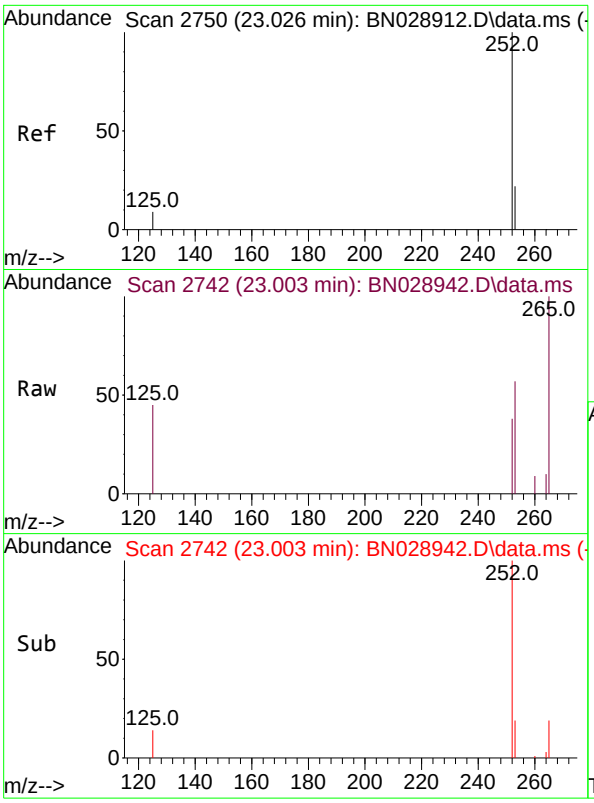


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.713 min Scan# 2985
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:264 Resp: 4800

Ion	Ratio	Lower	Upper
264	100		
260	34.0	20.6	30.8#
265	151.3	464.5	696.7#



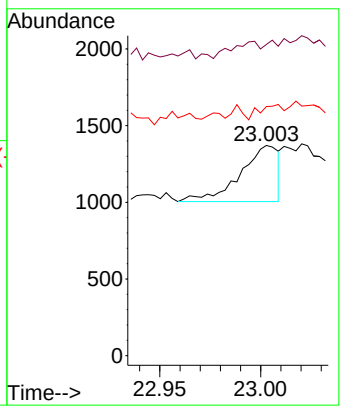


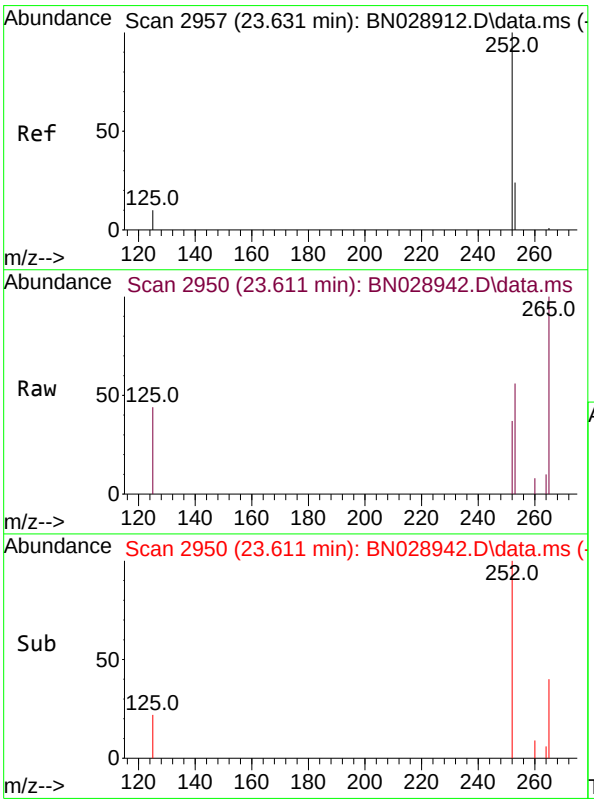
#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 23.003 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :
TT158S1-20231107

Tgt Ion:252 Resp: 479

Ion	Ratio	Lower	Upper
252	100		
253	148.1	94.5	141.7#
125	118.5	23.8	35.8#





#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.611 min Scan# 2950
Delta R.T. 0.006 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:252 Resp: 640

Ion	Ratio	Lower	Upper
252	100		
253	152.5	110.2	165.4
125	119.9	27.0	40.4#