Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028943.D
Acq On : 01 Dec 2023 12:29
Operator : MA/JU
Sample : 05350-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Quant Time: Dec 01 14:25:43 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	4024	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	10227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.428	164	4359	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7450	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4689	0.400	ng	# 0.00
35) Perylene-d12	23.710	264	4698	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1753	0.144	ng	-0.02
5) Phenol-d6	7.024	99	1103	0.082	ng	-0.02
8) Nitrobenzene-d5	8.971	82	2926	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4697	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	668	0.227	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6836	0.363	ng	-0.01
27) Fluoranthene-d10	19.213	212	7302	0.373	ng	0.00
31) Terphenyl-d14	19.817	244	5649	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	929	0.236	ng	# 74
3) n-Nitrosodimethylamine	3.781	42	40	0.098	ng	# 50
16) Acenaphthylene	14.150	152	9145	0.396	ng	98
17) Acenaphthene	14.492	154	1186	0.077	ng	92
18) Fluorene	15.487	166	1323	0.068	ng	# 12
25) Phenanthrene	17.221	178	615	0.025	ng	# 72
26) Anthracene	17.308	178	455	0.020	ng	# 79
28) Fluoranthene	19.246	202	783	0.031	ng	97
30) Pyrene	19.511	202	956	0.121	ng	97
32) Benzo(a)anthracene	21.356	228	1074	0.054	ng	# 1
33) Chrysene	21.409	228	894	0.046	ng	# 10
34) Bis(2-ethylhexyl)phtha...	21.302	149	1629	Below Cal		# 92
37) Benzo(b)fluoranthene	23.003	252	548	0.029	ng	# 52
39) Benzo(a)pyrene	23.608	252	546	0.032	ng	# 55

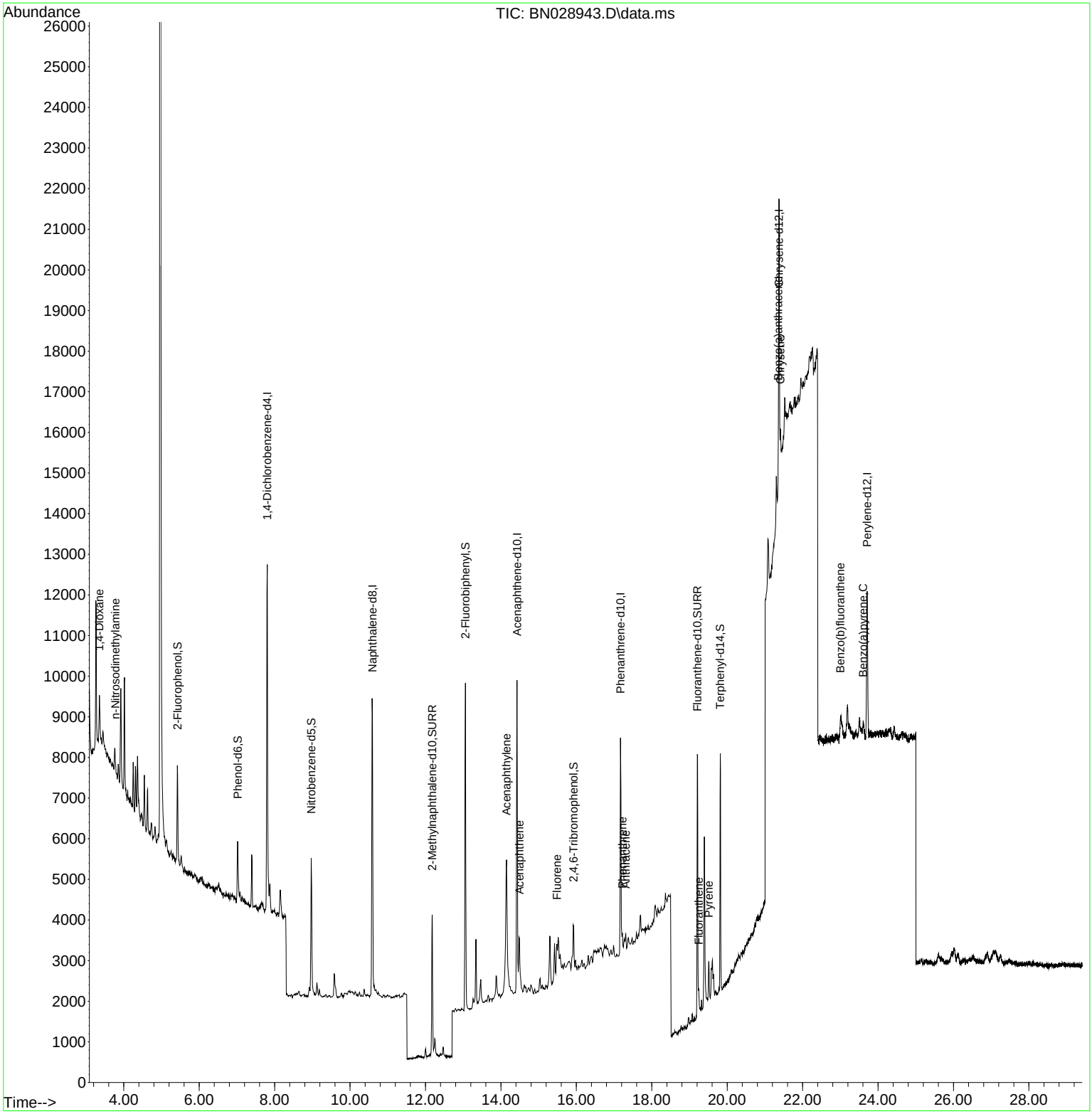
(#) = qualifier out of range (m) = manual integration (+) = signals summed

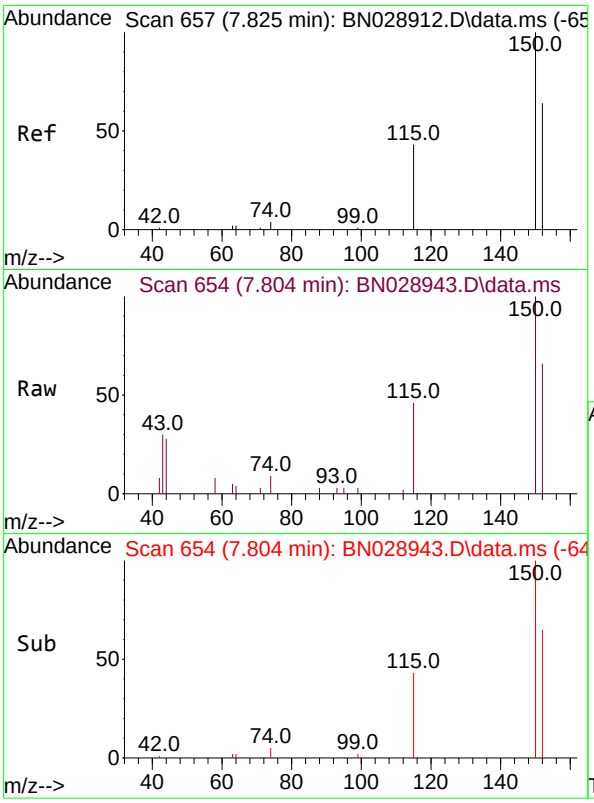
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028943.D
Acq On : 01 Dec 2023 12:29
Operator : MA/JU
Sample : 05350-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Quant Time: Dec 01 14:25:43 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



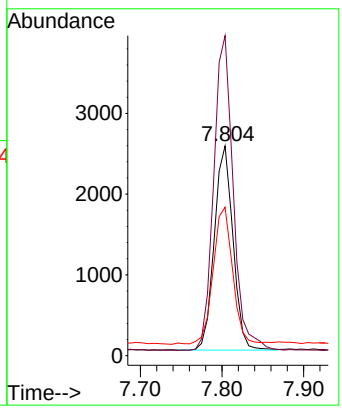


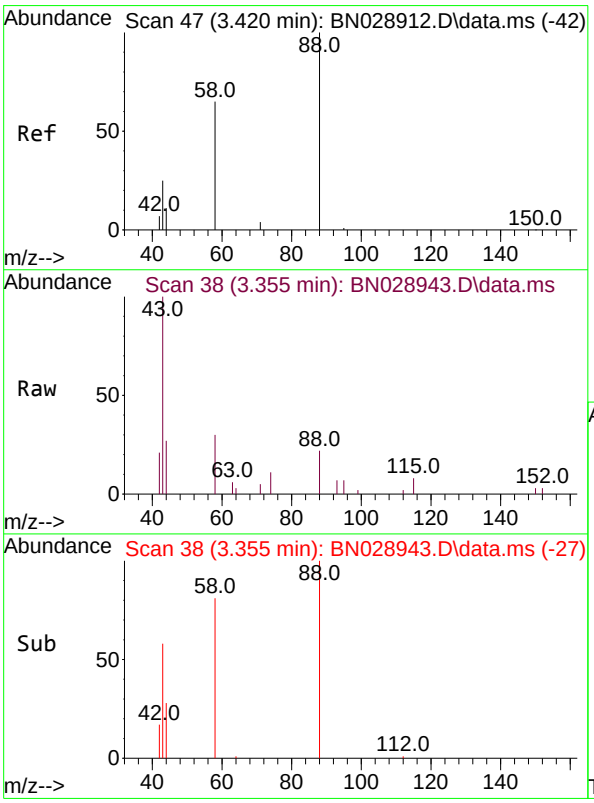
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:152 Resp: 4024

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.4	185.2
115	70.8	59.1	88.7

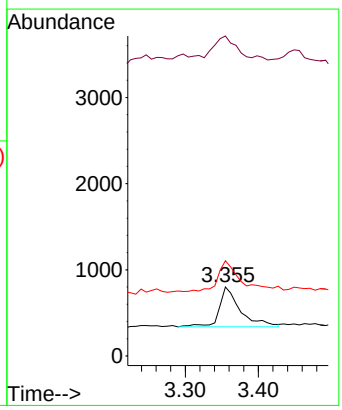


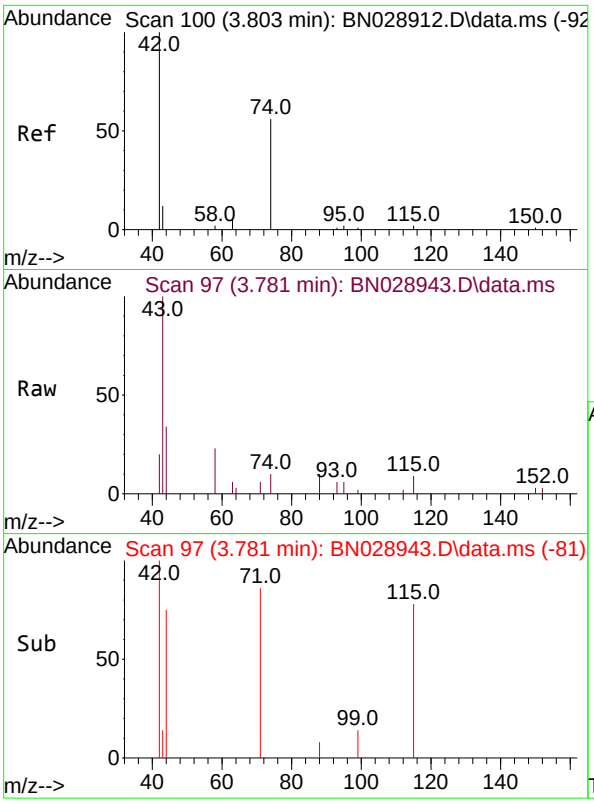


#2
1,4-Dioxane
Concen: 0.236 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.022 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion: 88 Resp: 929

Ion	Ratio	Lower	Upper
88	100		
43	68.2	29.9	44.9#
58	79.1	55.0	82.4



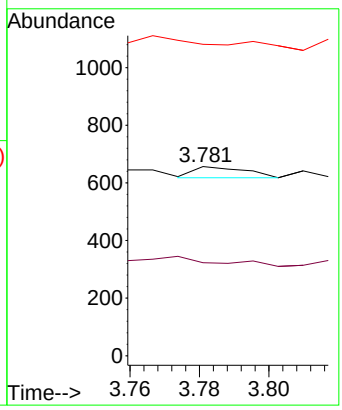


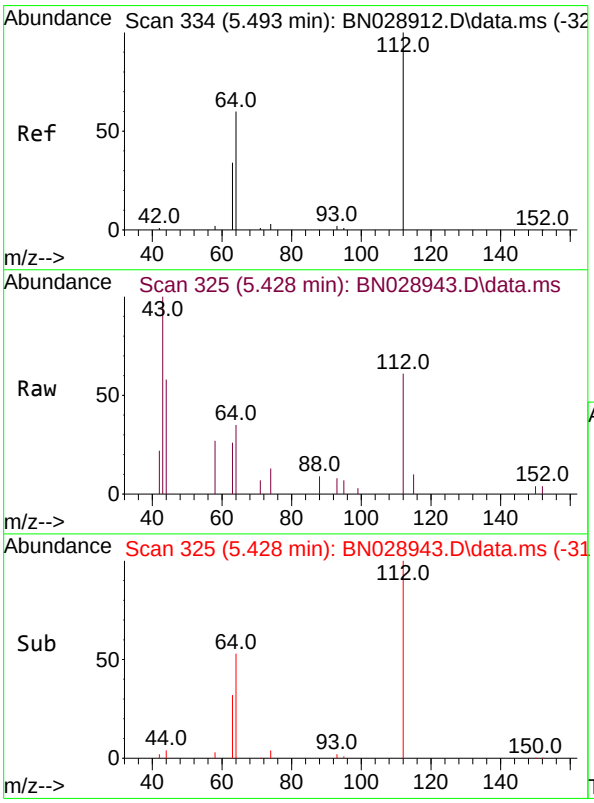
#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.781 min Scan# 9
Delta R.T. 0.014 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion: 42 Resp: 40

Ion	Ratio	Lower	Upper
42	100		
74	112.5	57.0	85.6#
44	187.5	0.0	0.0#

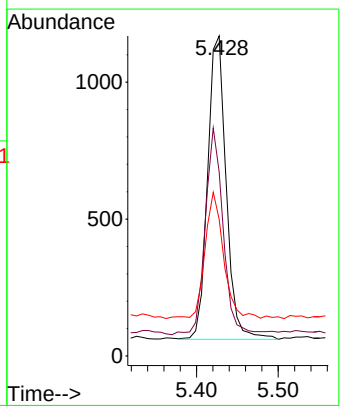


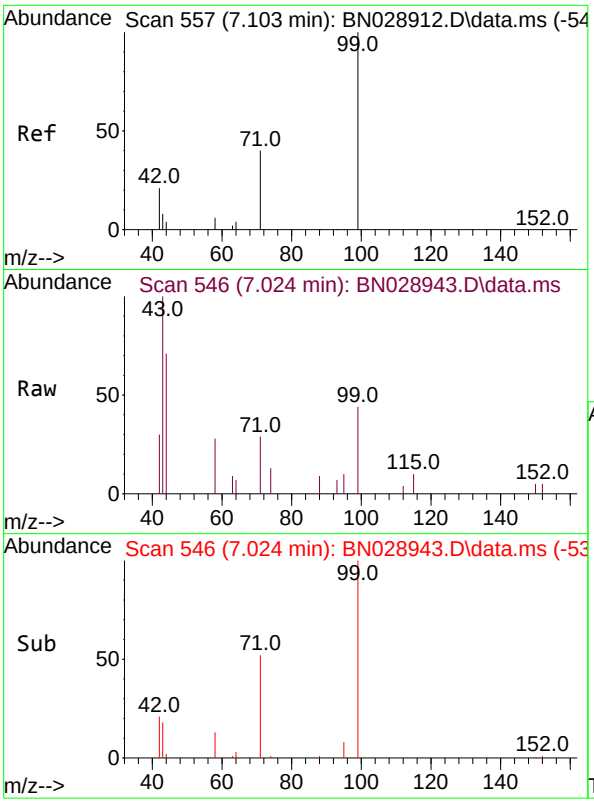


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.428 min Scan# 325
Delta R.T. -0.022 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:112 Resp: 1753

Ion	Ratio	Lower	Upper
112	100		
64	66.3	51.5	77.3
63	41.5	30.4	45.6



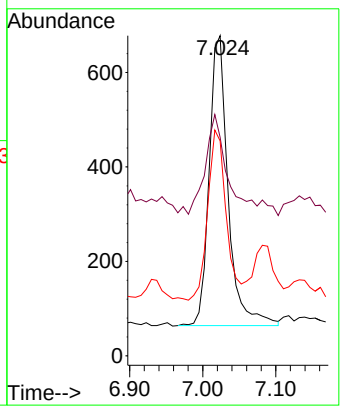


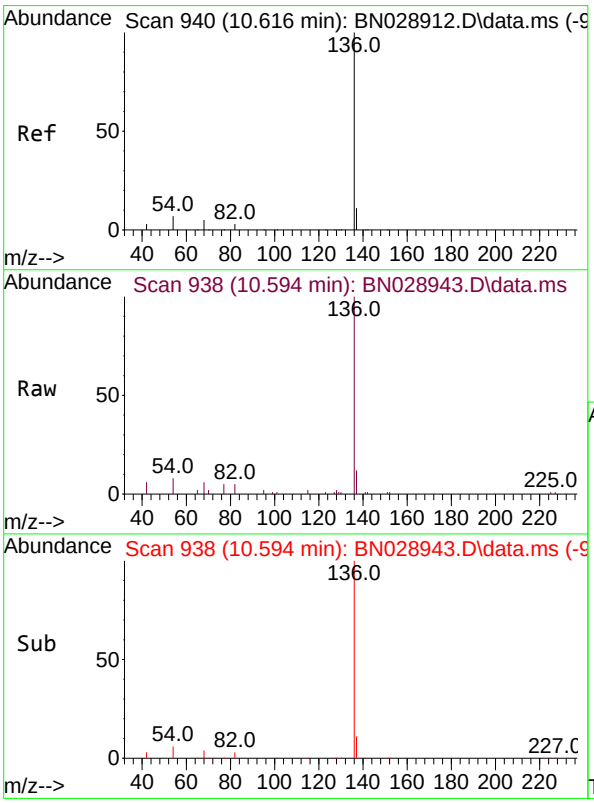
#5
Phenol-d6
Concen: 0.082 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.022 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion: 99 Resp: 1103

Ion	Ratio	Lower	Upper
99	100		
42	43.3	21.2	31.8#
71	57.0	35.4	53.0#

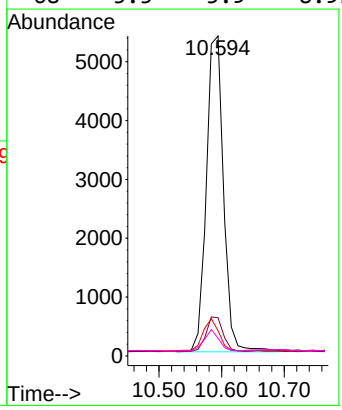


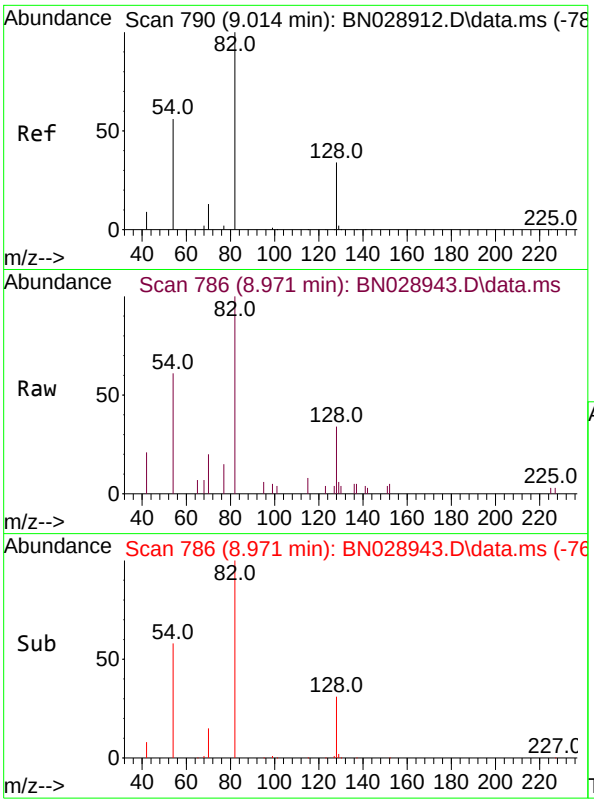


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:136 Resp: 10227

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.6	16.0
54	7.9	7.5	11.3
68	5.5	5.9	8.9#



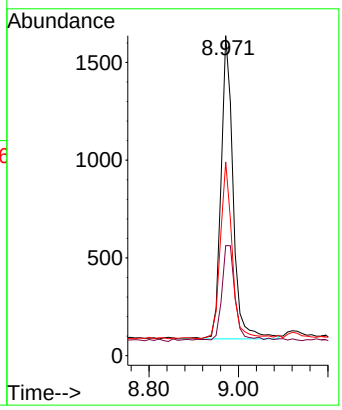


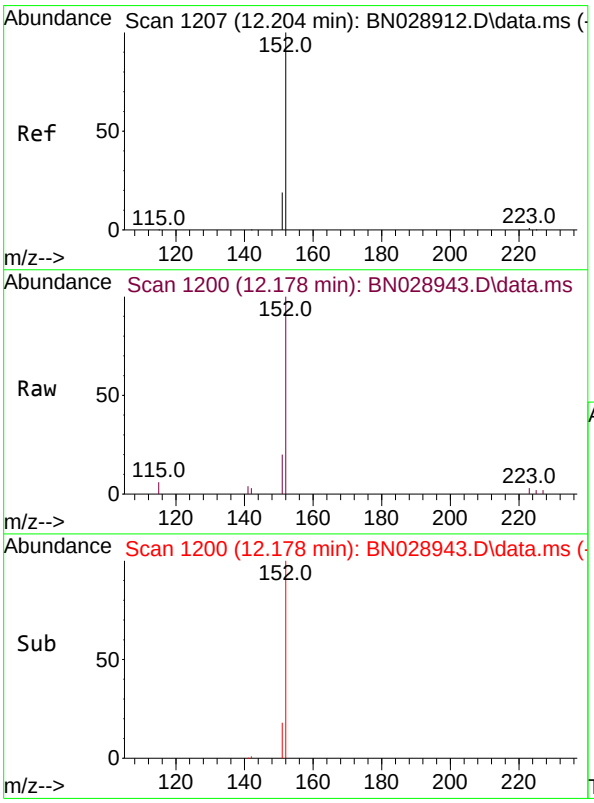
#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.971 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion: 82 Resp: 2926

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.2	43.8
54	60.5	47.0	70.6

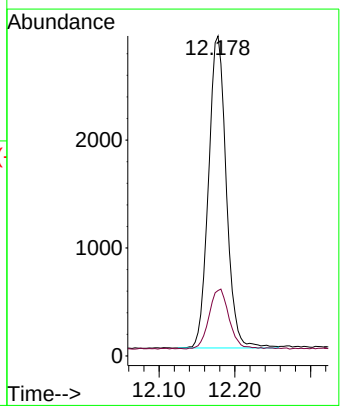


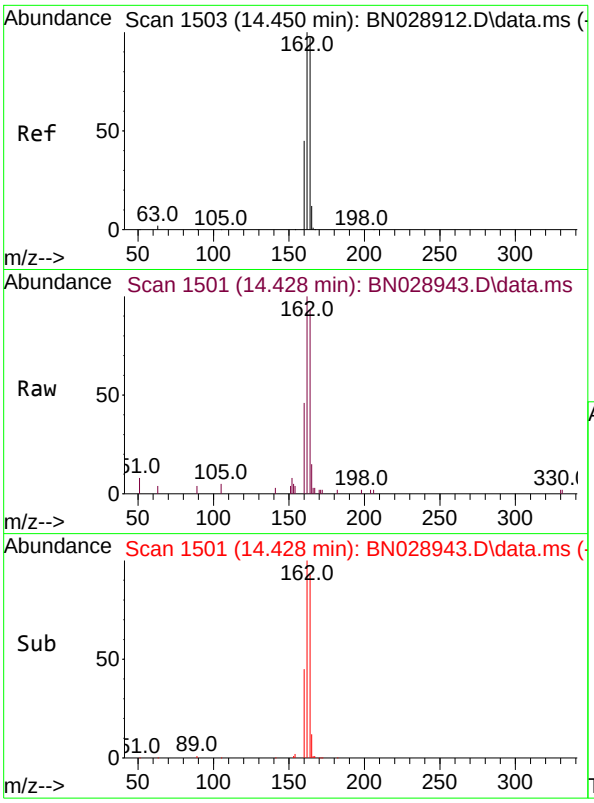


#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.178 min Scan# 1200
Delta R.T. -0.008 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:152 Resp: 4697

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1



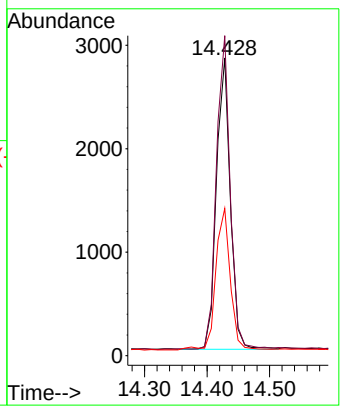


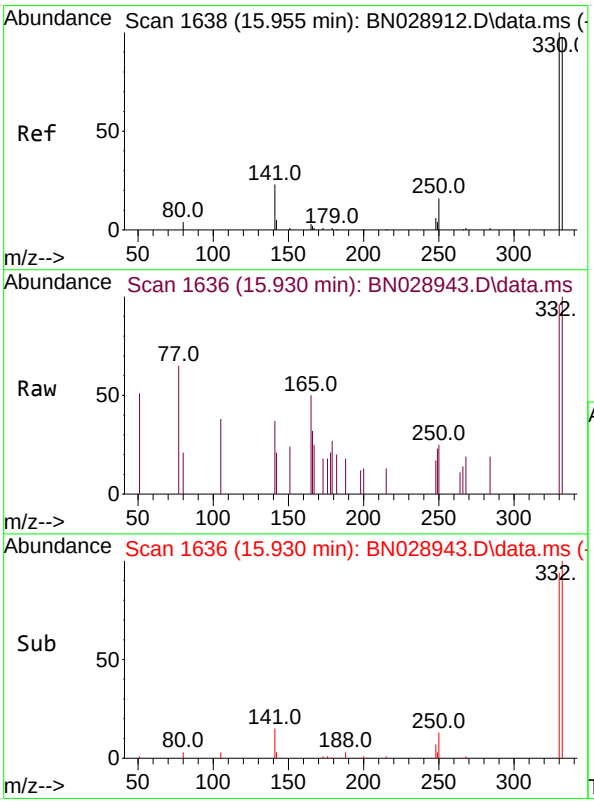
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:164 Resp: 4359

Ion	Ratio	Lower	Upper
164	100		
162	107.5	81.7	122.5
160	49.4	37.0	55.6

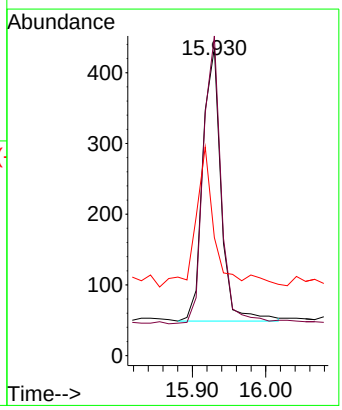


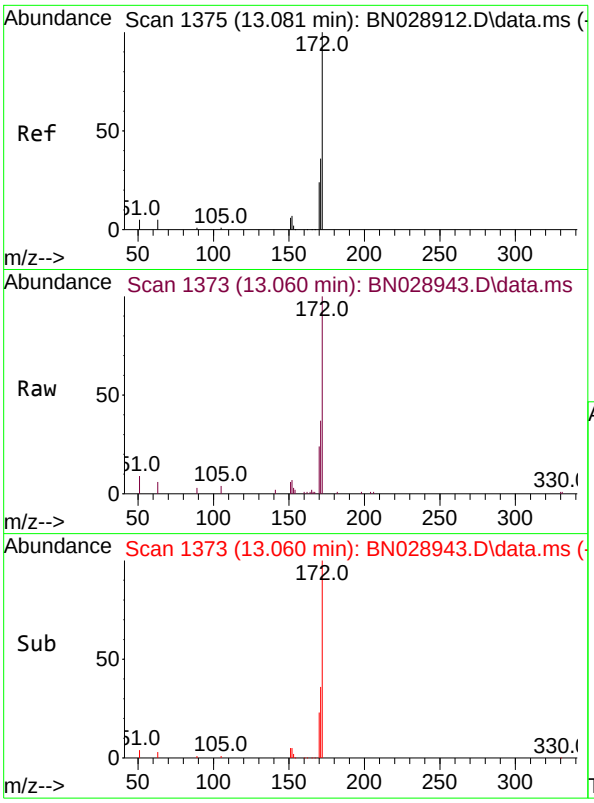


#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.930 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:330 Resp: 668

Ion	Ratio	Lower	Upper
330	100		
332	103.3	75.4	113.2
141	50.1	35.7	53.5



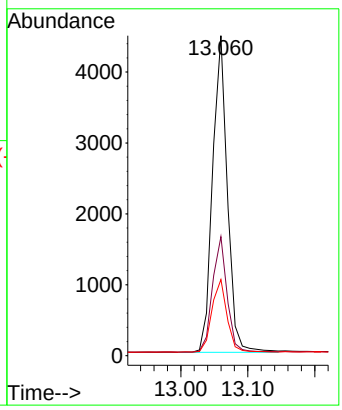


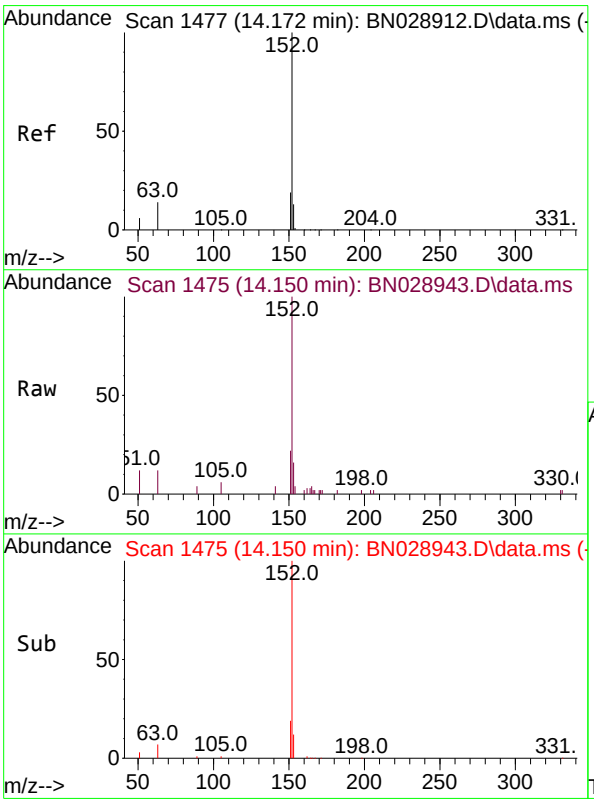
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.060 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:172 Resp: 6836

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.4
170	23.8	19.7	29.5

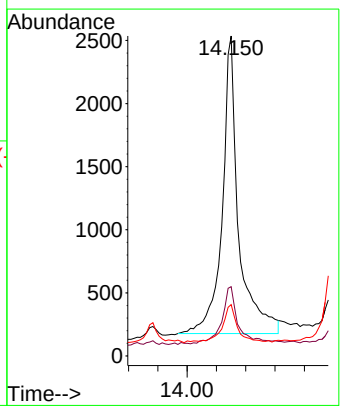


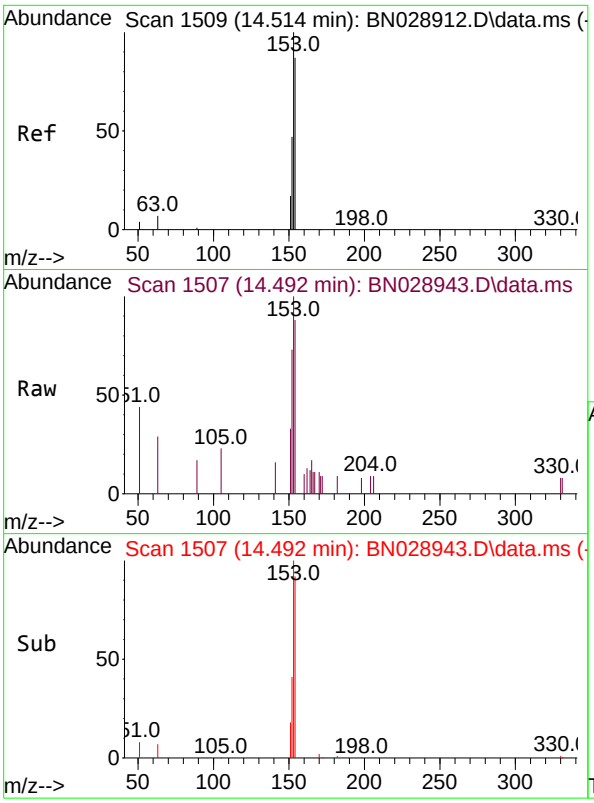


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.150 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:152 Resp: 9145

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.4	10.8	16.2



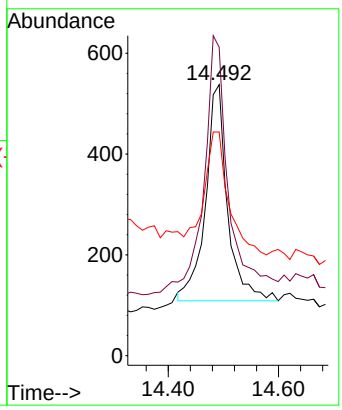


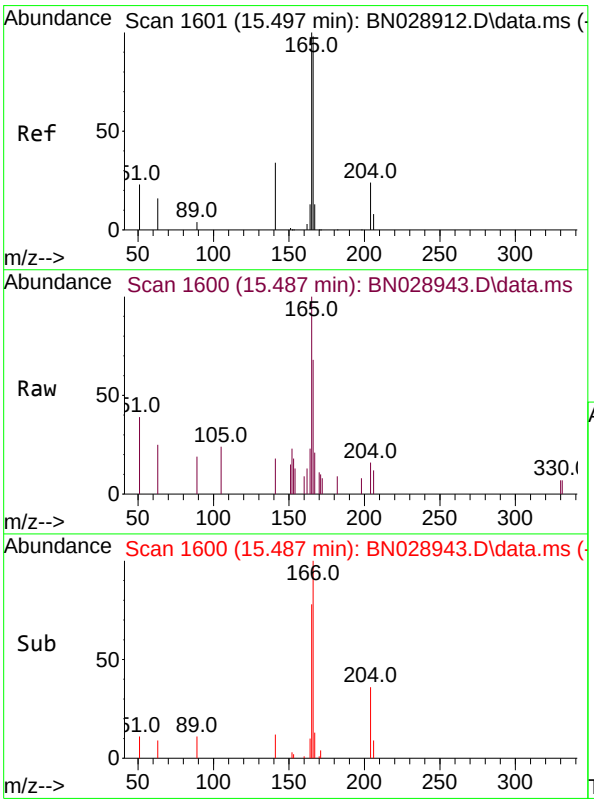
#17
Acenaphthene
Concen: 0.077 ng
RT: 14.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:154 Resp: 1186

Ion	Ratio	Lower	Upper
154	100		
153	110.3	93.8	140.6
152	64.8	44.5	66.7

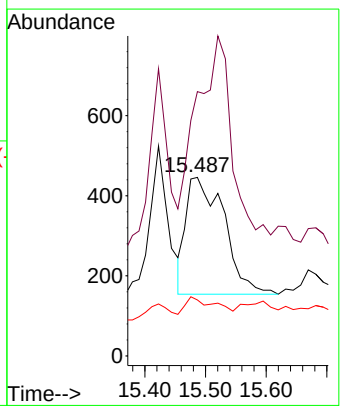


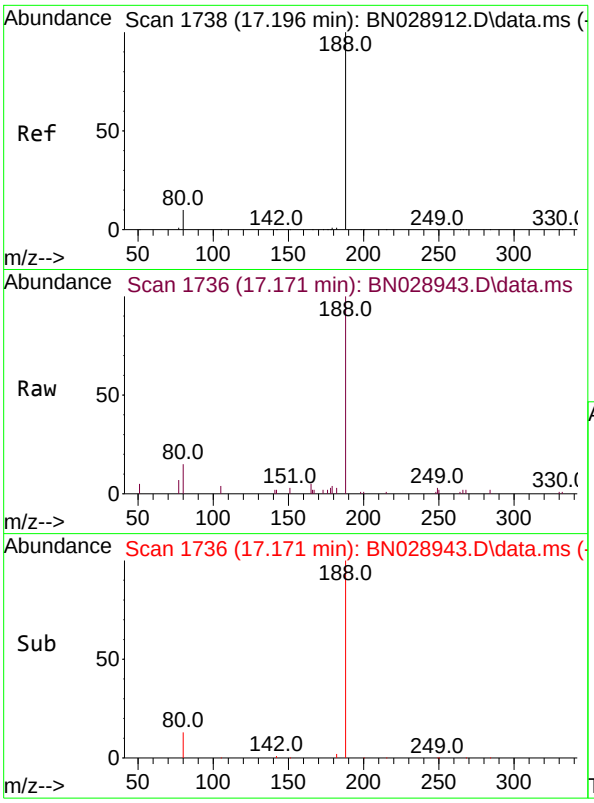


#18
Fluorene
Concen: 0.068 ng
RT: 15.487 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:166 Resp: 1323

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.4	119.2#
167	11.8	11.0	16.4



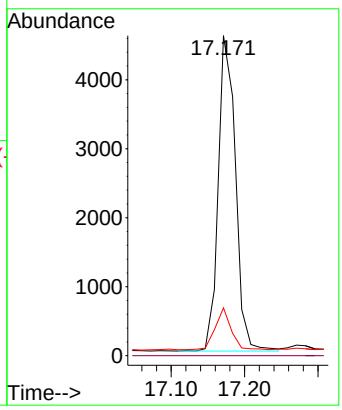


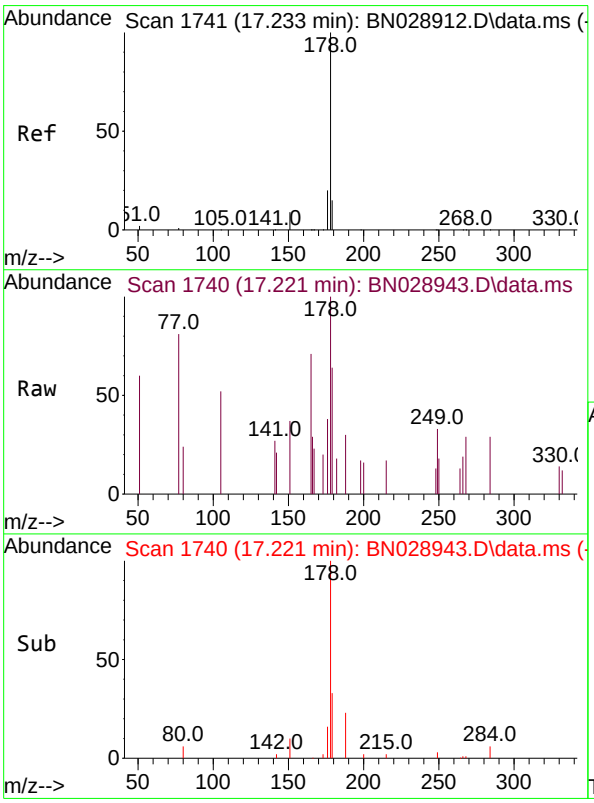
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:188 Resp: 7450

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	9.0	13.6#

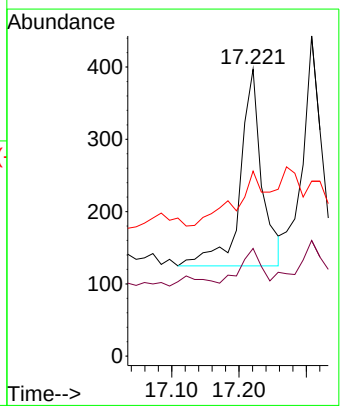


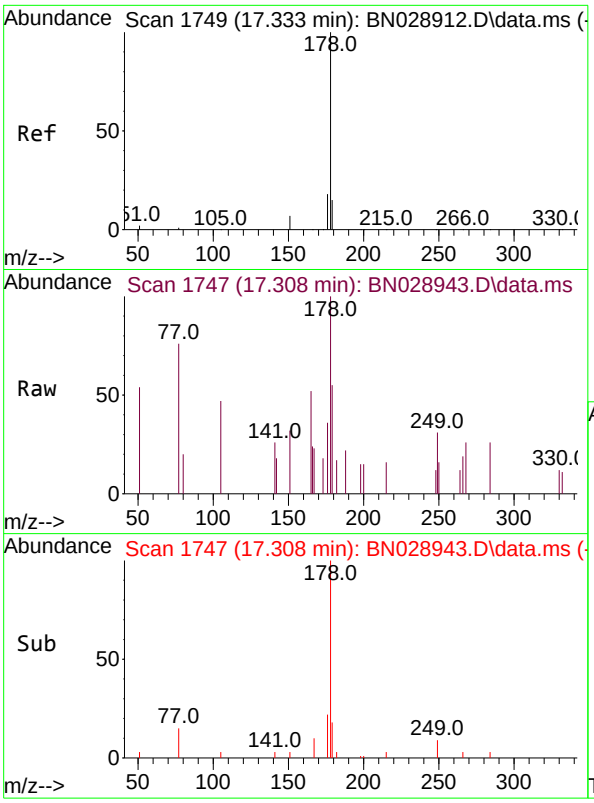


#25
Phenanthrene
Concen: 0.025 ng
RT: 17.221 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:178 Resp: 615

Ion	Ratio	Lower	Upper
178	100		
176	15.4	16.4	24.6#
179	38.9	14.1	21.1#



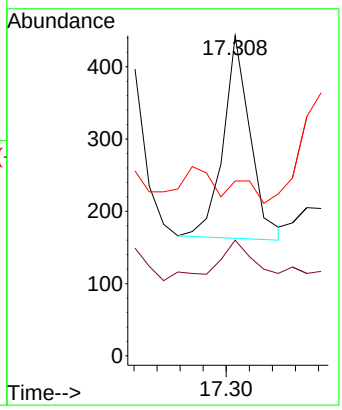


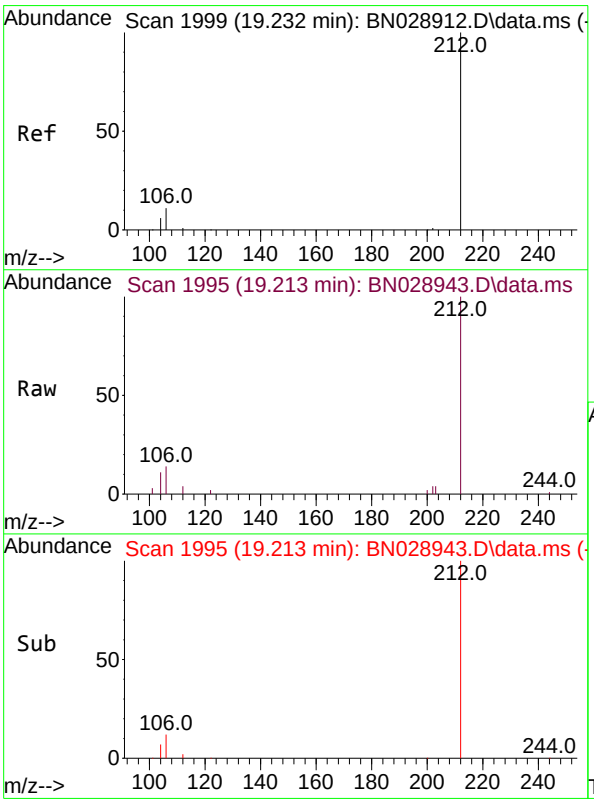
#26
Anthracene
Concen: 0.020 ng
RT: 17.308 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:178 Resp: 455

Ion	Ratio	Lower	Upper
178	100		
176	15.2	15.2	22.8#
179	0.0	12.2	18.2#

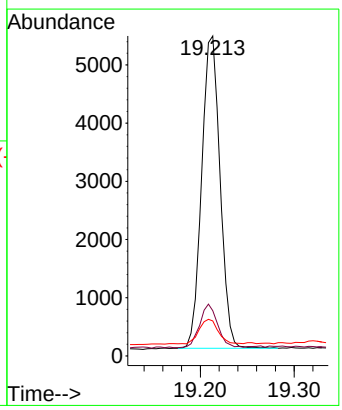


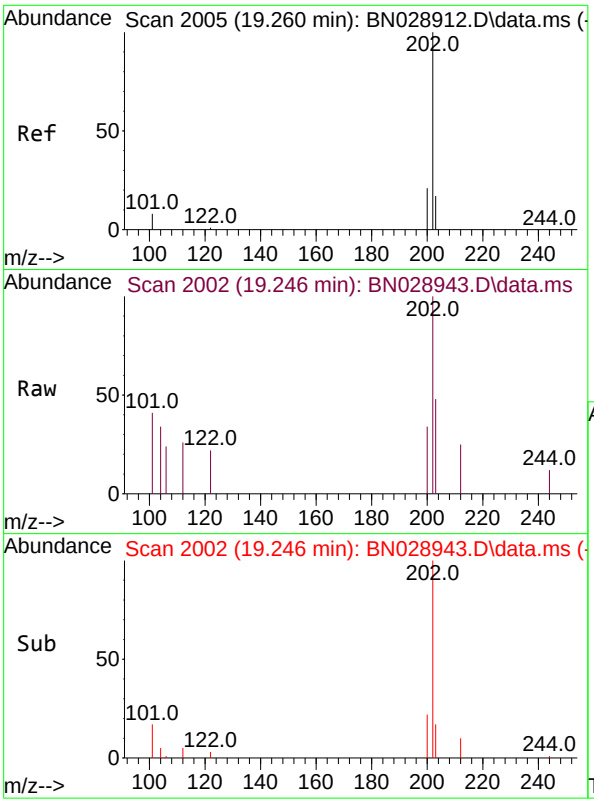


#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:212 Resp: 7302

Ion	Ratio	Lower	Upper
212	100		
106	13.6	9.4	14.2
104	8.3	6.2	9.2



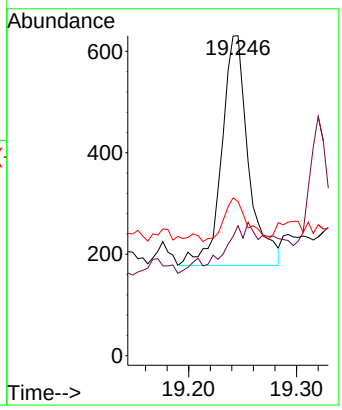


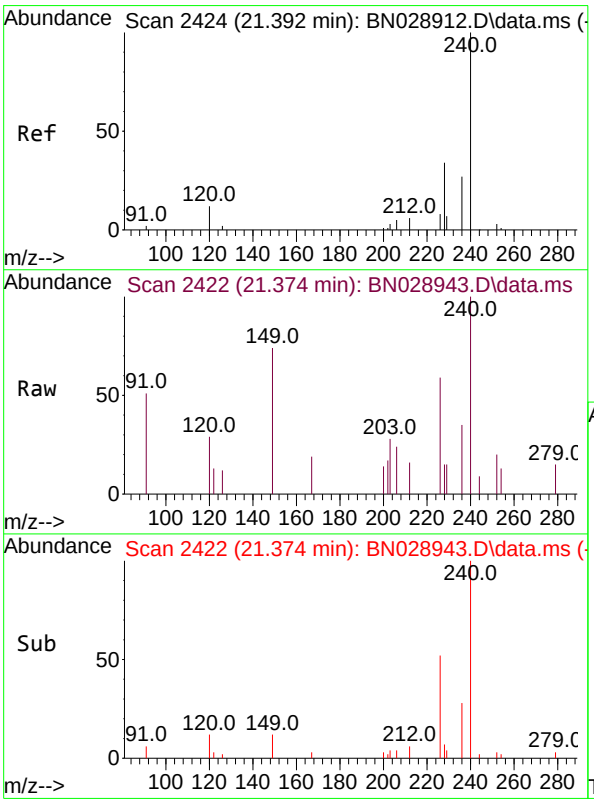
#28
Fluoranthene
Concen: 0.031 ng
RT: 19.246 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:202 Resp: 783

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.3	10.9
203	16.3	14.1	21.1

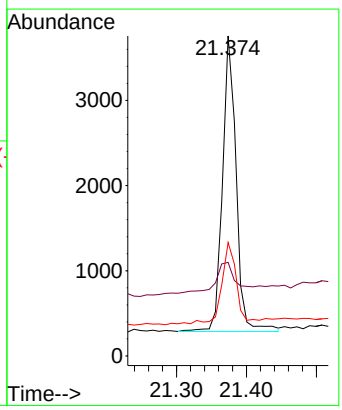


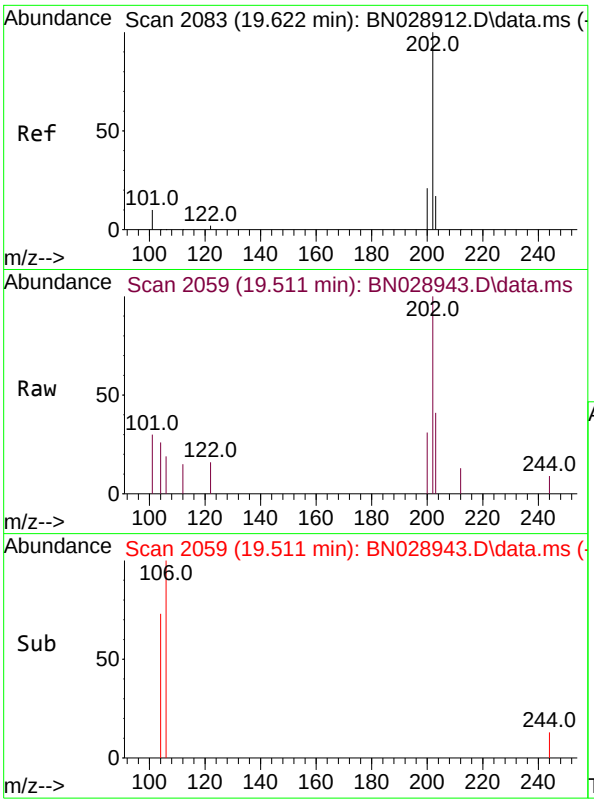


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:240 Resp: 4689

Ion	Ratio	Lower	Upper
240	100		
120	29.3	37.1	55.7#
236	35.4	32.4	48.6



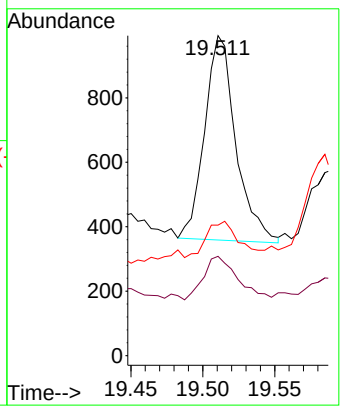


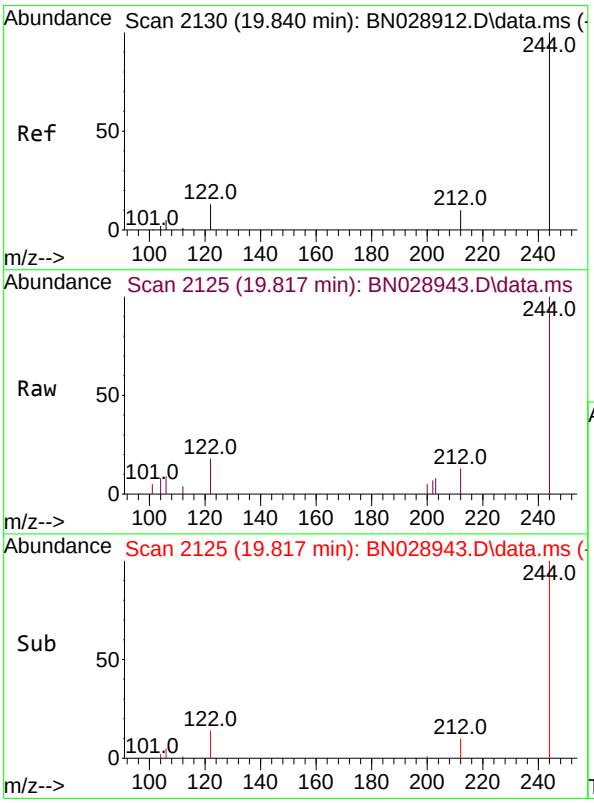
#30
Pyrene
Concen: 0.121 ng
RT: 19.511 min Scan# 2
Delta R.T. -0.098 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:202 Resp: 956

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.1	14.8	22.2

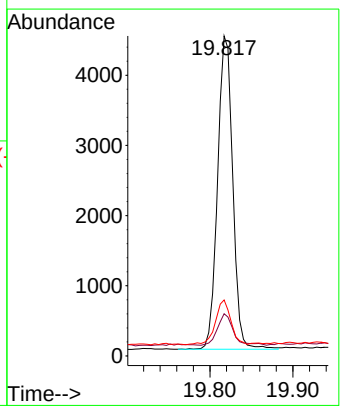


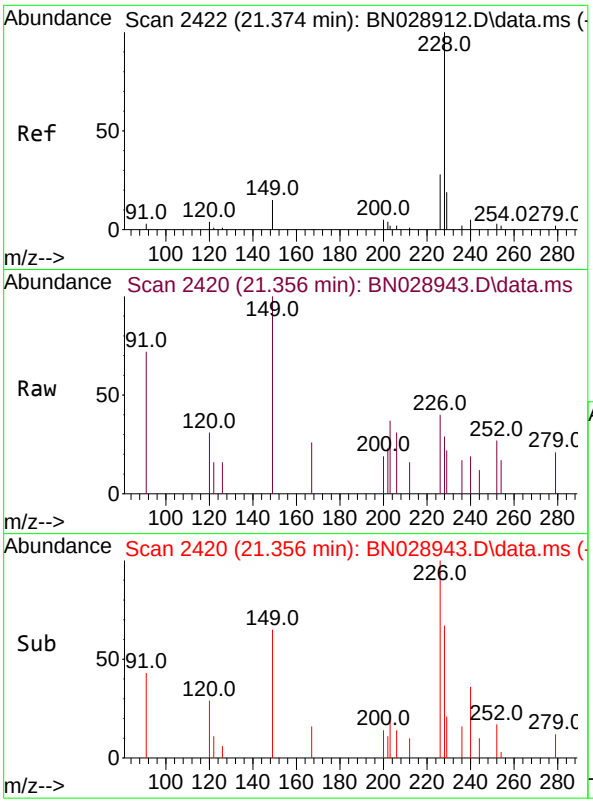


#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.817 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:244 Resp: 5649

Ion	Ratio	Lower	Upper
244	100		
212	13.2	11.5	17.3
122	17.5	13.2	19.8



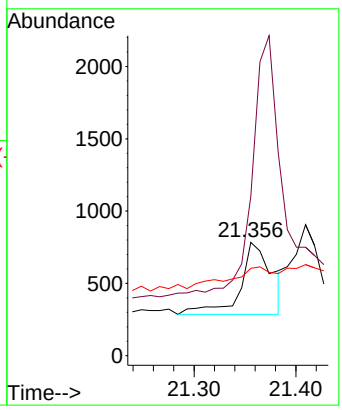


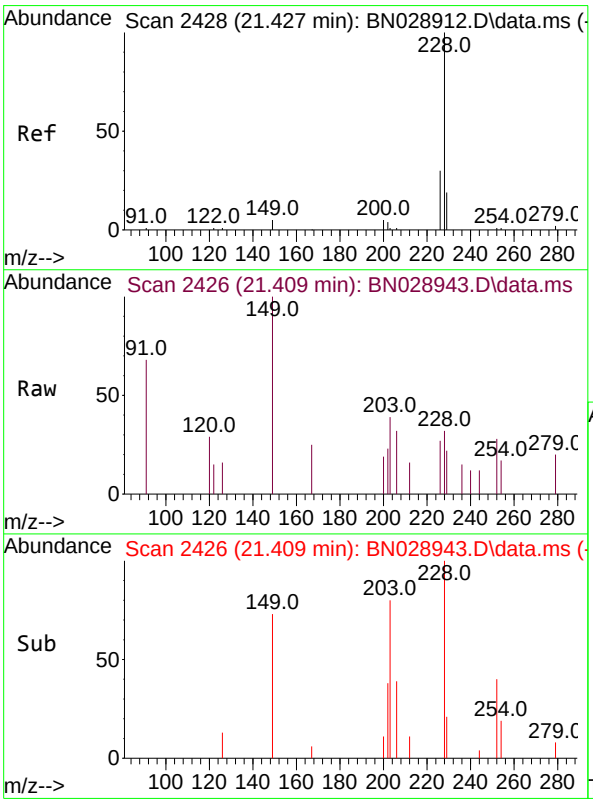
#32
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.356 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:228 Resp: 1074

Ion	Ratio	Lower	Upper
228	100		
226	140.9	26.5	39.7#
229	77.0	16.4	24.6#

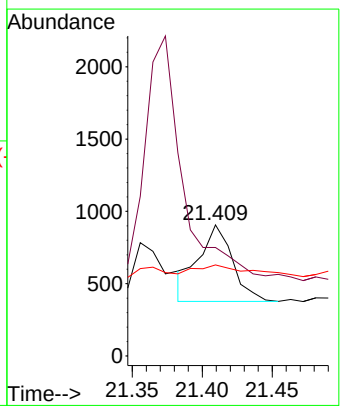


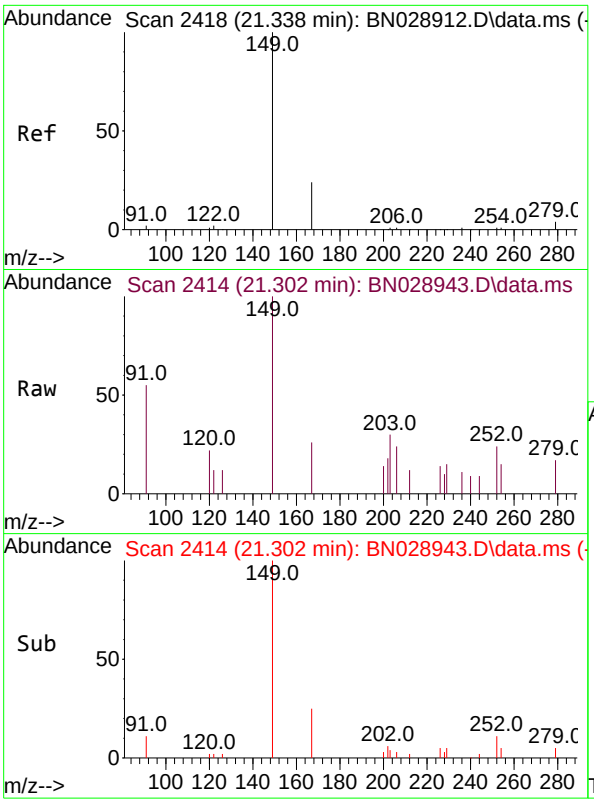


#33
Chrysene
Concen: 0.046 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:228 Resp: 894

Ion	Ratio	Lower	Upper
228	100		
226	82.9	28.3	42.5#
229	69.5	16.4	24.6#



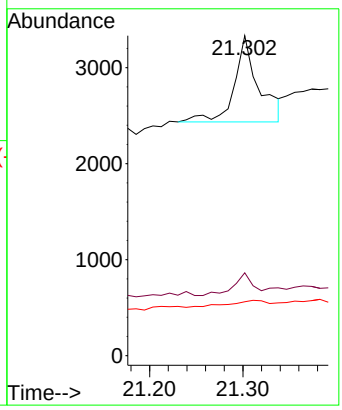


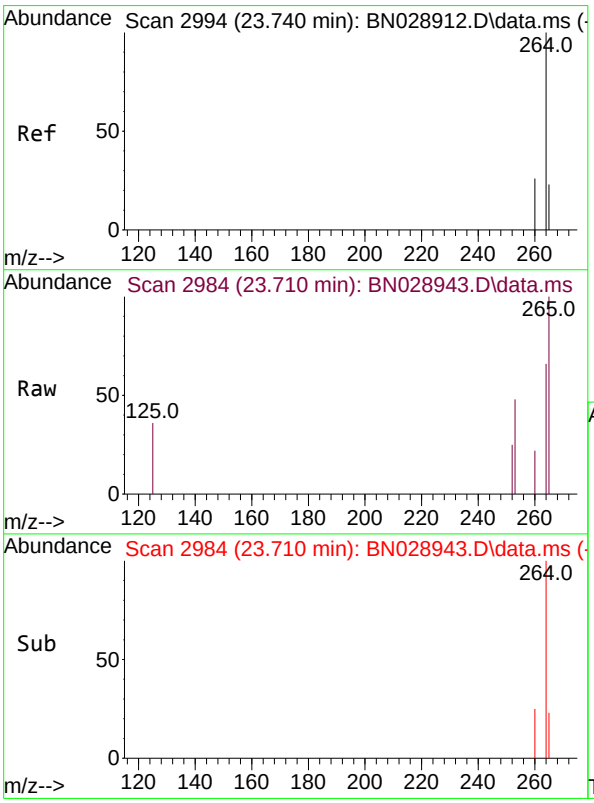
#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.302 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:149 Resp: 1629

Ion	Ratio	Lower	Upper
149	100		
167	20.5	14.9	22.3
279	14.3	6.3	9.5#

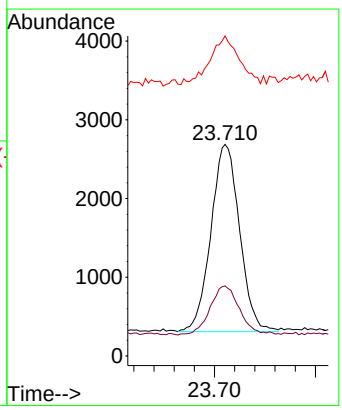


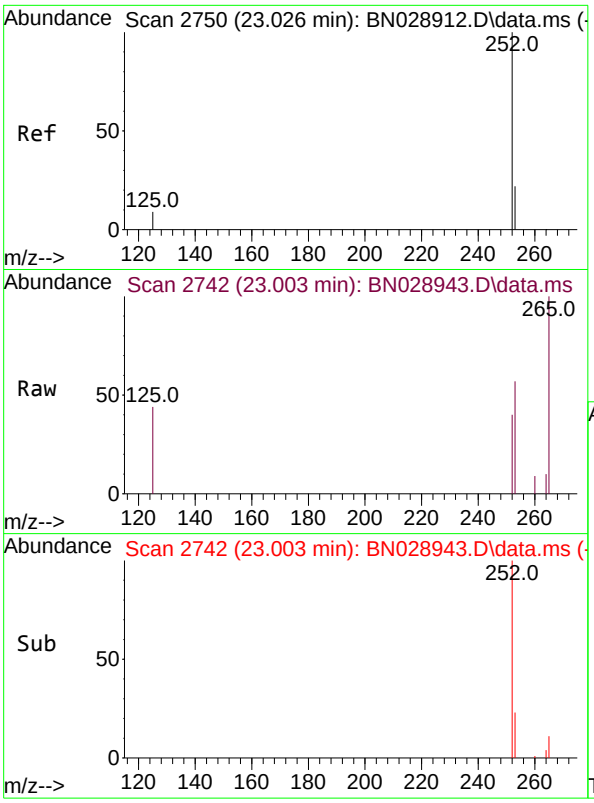


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.710 min Scan# 2984
Delta R.T. -0.003 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:264 Resp: 4698

Ion	Ratio	Lower	Upper
264	100		
260	33.1	20.6	30.8#
265	151.3	464.5	696.7#



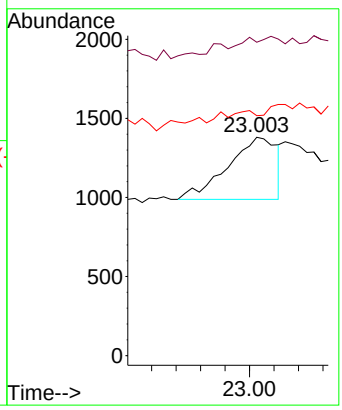


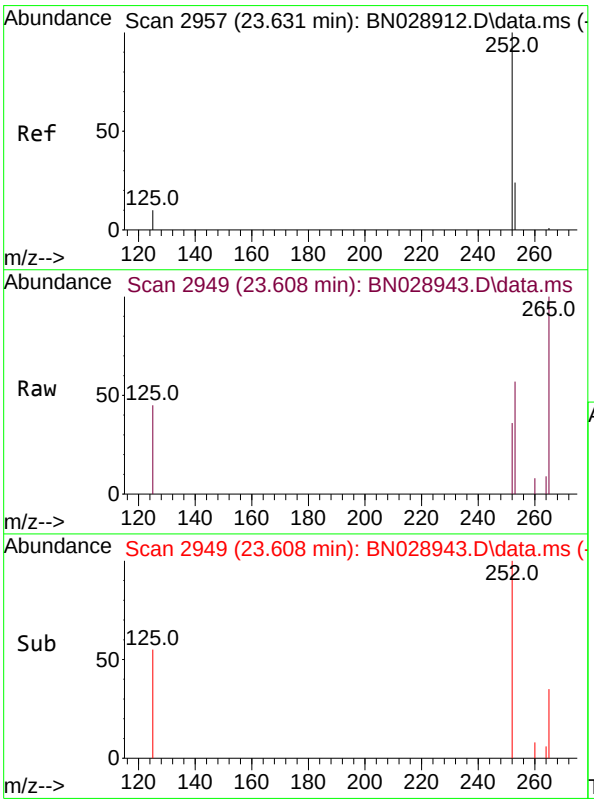
#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.003 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107

Tgt Ion:252 Resp: 548

Ion	Ratio	Lower	Upper
252	100		
253	143.5	94.5	141.7#
125	109.8	23.8	35.8#





#39
Benzo(a)pyrene
Concen: 0.032 ng
RT: 23.608 min Scan# 2949
Delta R.T. 0.003 min
Lab File: BN028943.D
Acq: 01 Dec 2023 12:29

Tgt Ion:252 Resp: 546

Ion	Ratio	Lower	Upper
252	100		
253	158.4	110.2	165.4
125	123.8	27.0	40.4#