Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028953.D
Acq On : 01 Dec 2023 18:49
Operator : MA/JU
Sample : 05357-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Quant Time: Dec 01 23:15:50 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 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2180	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	6650	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	4117	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9238	0.400	ng	0.00
29) Chrysene-d12	21.374	240	7001	0.400	ng	# 0.00
35) Perylene-d12	23.705	264	6602	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	643	0.097	ng	0.00
5) Phenol-d6	7.009	99	448	0.061	ng	0.00
8) Nitrobenzene-d5	8.971	82	1643	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2678	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	648	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	6312	0.355	ng	0.00
27) Fluoranthene-d10	19.209	212	8312	0.342	ng	0.00
31) Terphenyl-d14	19.812	244	7423	0.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	605	0.283	ng	# 67
3) n-Nitrosodimethylamine	3.687	42	27	0.099	ng	# 14
9) Naphthalene	10.626	128	445	0.021	ng	# 55
12) 2-Methylnaphthalene	12.246	142	376	0.028	ng	# 86
16) Acenaphthylene	14.140	152	1681	0.077	ng	# 90
17) Acenaphthene	14.482	154	317	0.022	ng	91
18) Fluorene	15.476	166	629	0.034	ng	85
21) 4-Bromophenyl-phenylether	16.364	248	130	0.020	ng	# 64
22) Hexachlorobenzene	16.464	284	187	0.024	ng	# 91
25) Phenanthrene	17.208	178	735	0.024	ng	94
26) Anthracene	17.308	178	739	0.026	ng	96
28) Fluoranthene	19.236	202	660	0.021	ng	# 53
30) Pyrene	19.603	202	670	0.107	ng	# 83
33) Chrysene	21.409	228	592	0.020	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.302	149	2108	Below Cal		# 87
37) Benzo(b)fluoranthene	23.000	252	653	0.024	ng	# 55

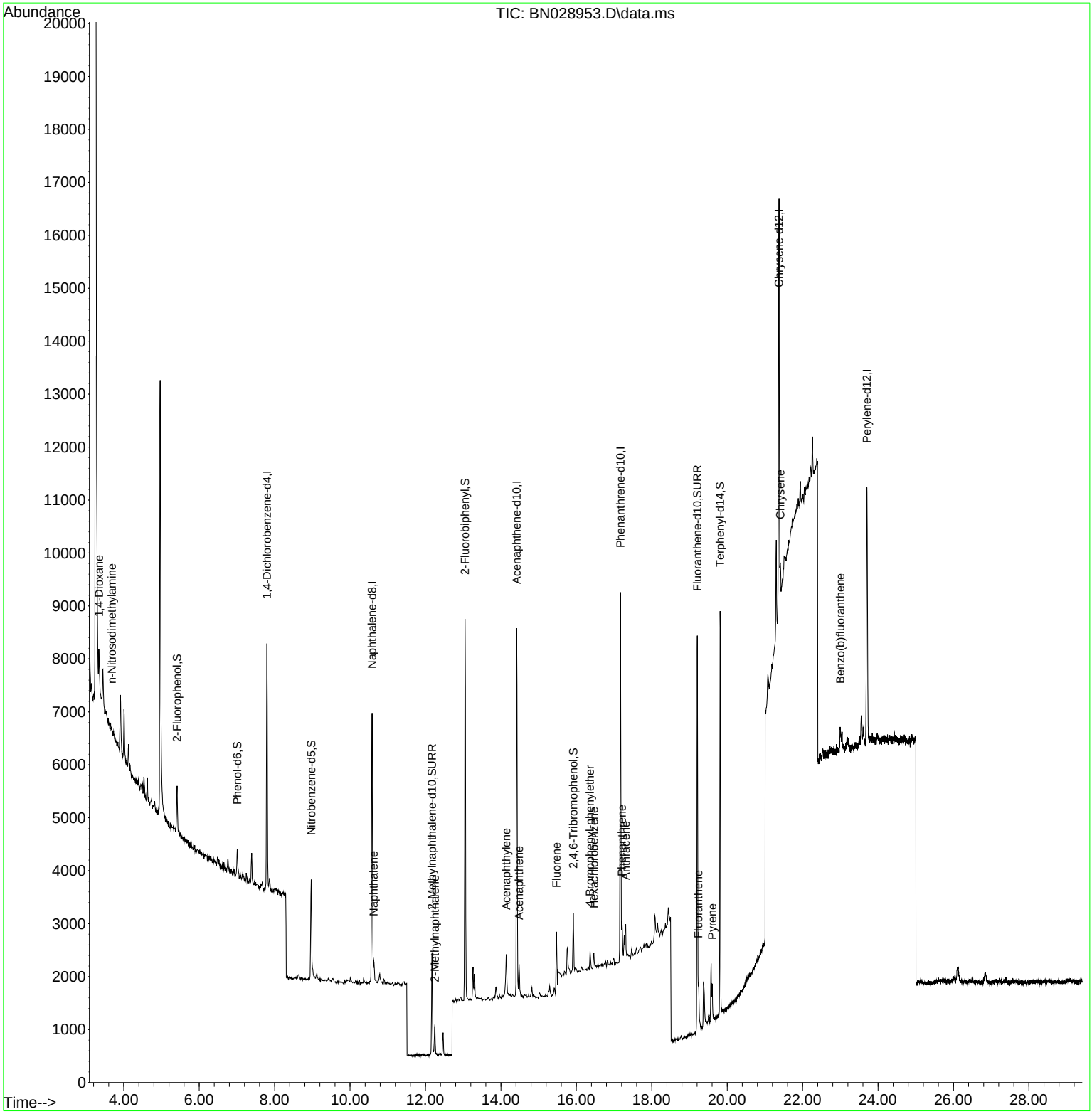
(#) = qualifier out of range (m) = manual integration (+) = signals summed

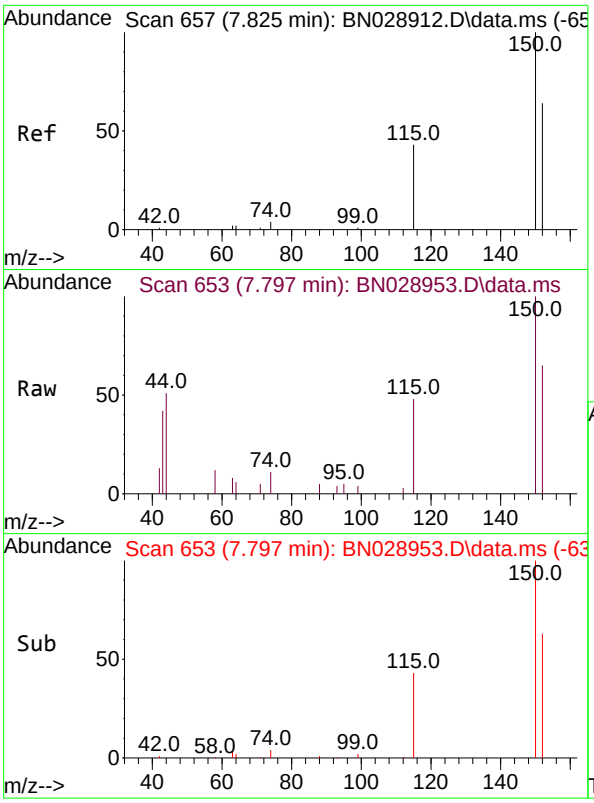
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028953.D
Acq On : 01 Dec 2023 18:49
Operator : MA/JU
Sample : 05357-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Quant Time: Dec 01 23:15:50 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 23:11:55 2023
Response via : Initial Calibration



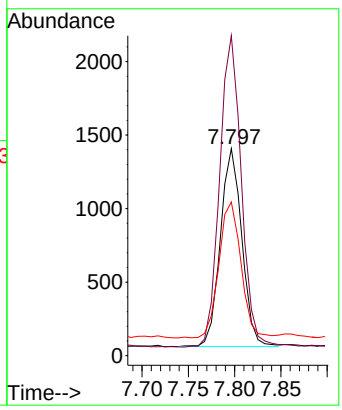


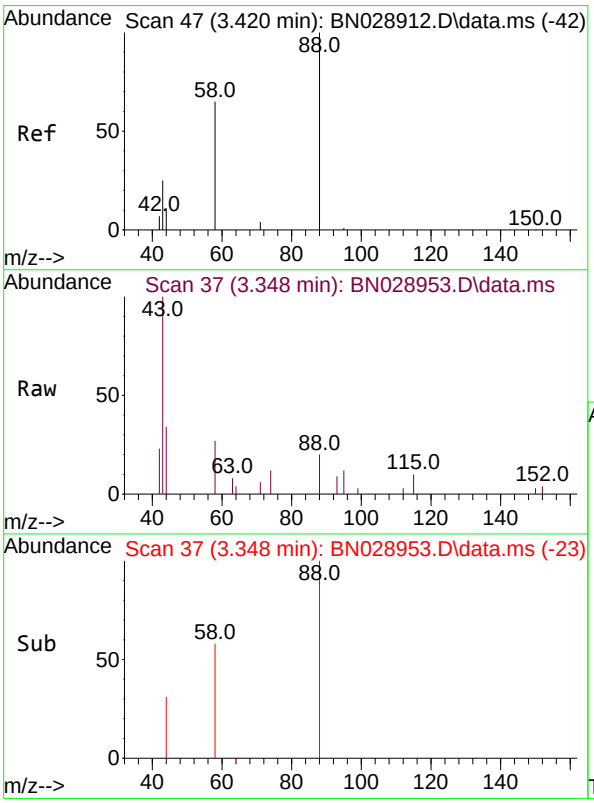
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:152 Resp: 2180

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.4	185.2
115	74.3	59.1	88.7

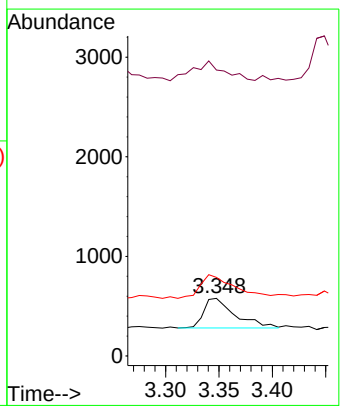


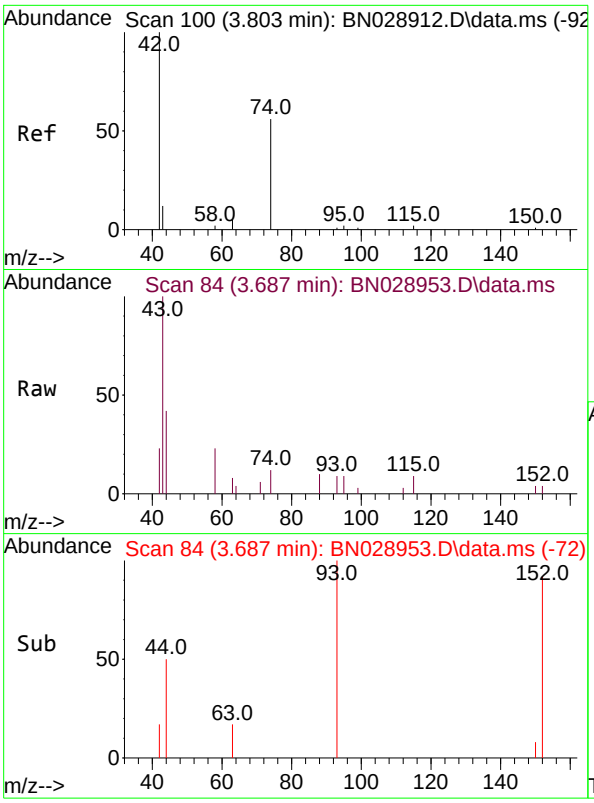


#2
1,4-Dioxane
Concen: 0.283 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion: 88 Resp: 605

Ion	Ratio	Lower	Upper
88	100		
43	66.6	29.9	44.9#
58	89.1	55.0	82.4#



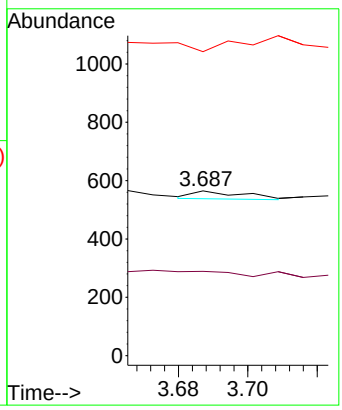


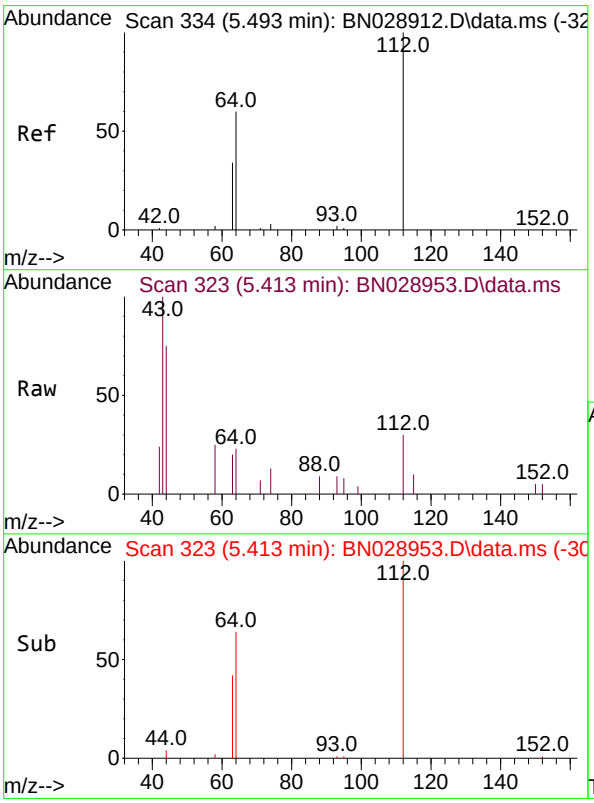
#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.015 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion: 42 Resp: 27

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

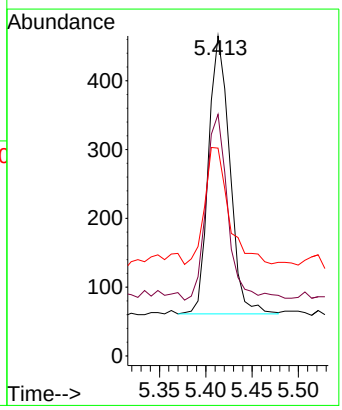


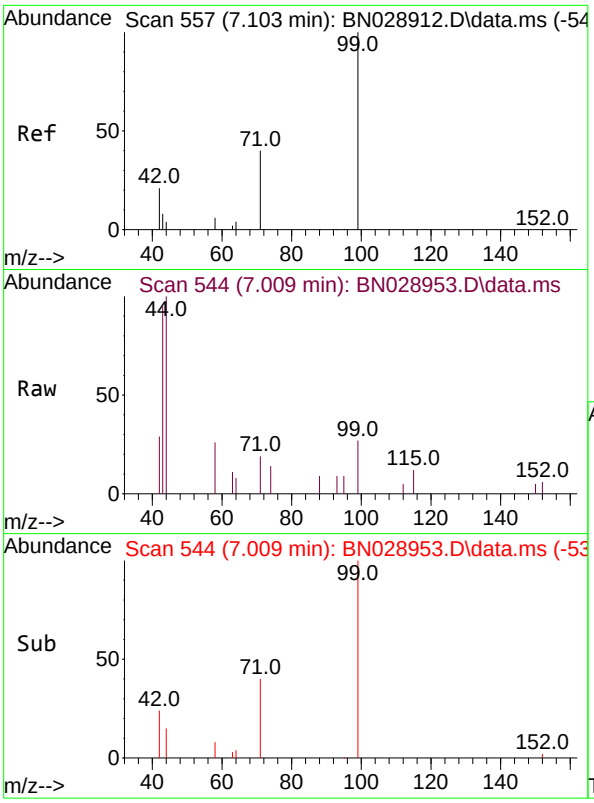


#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:112 Resp: 643

Ion	Ratio	Lower	Upper
112	100		
64	69.4	51.5	77.3
63	48.7	30.4	45.6#



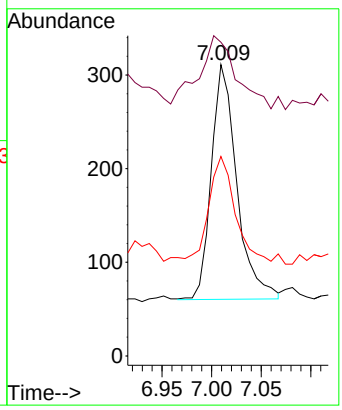


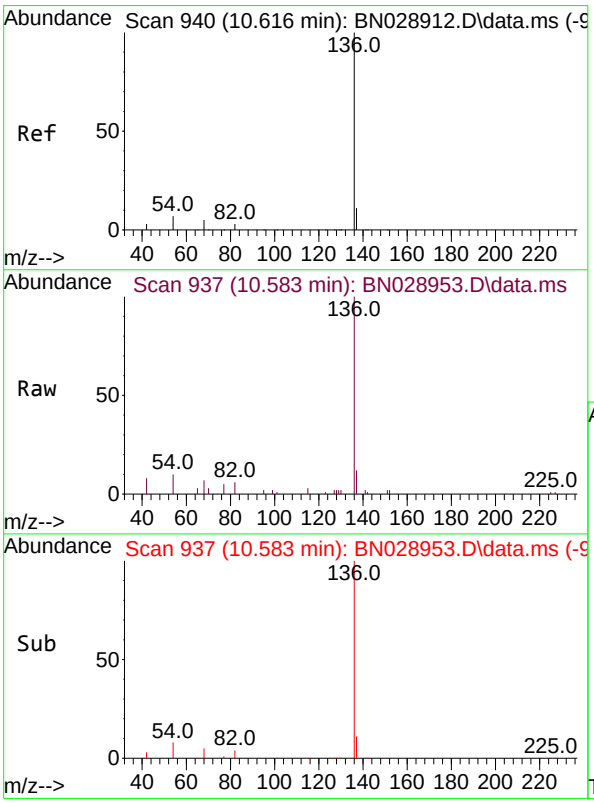
#5
Phenol-d6
Concen: 0.061 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion: 99 Resp: 448

Ion	Ratio	Lower	Upper
99	100		
42	46.0	21.2	31.8#
71	49.8	35.4	53.0

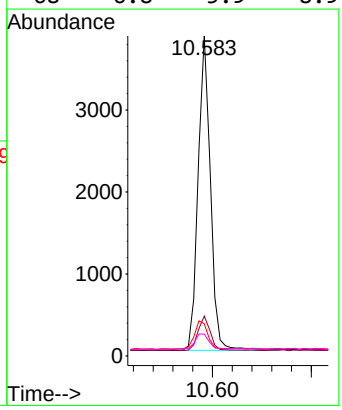


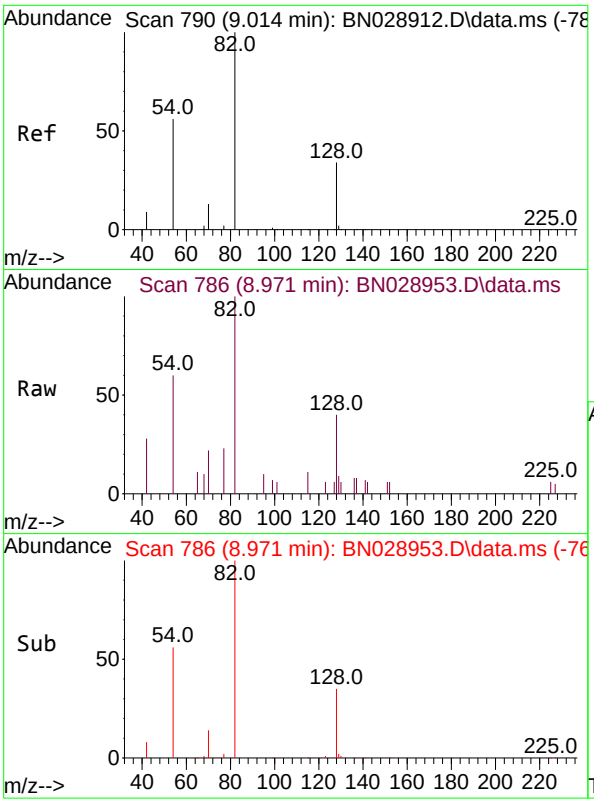


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:136 Resp: 6650

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	16.0
54	10.0	7.5	11.3
68	6.8	5.9	8.9



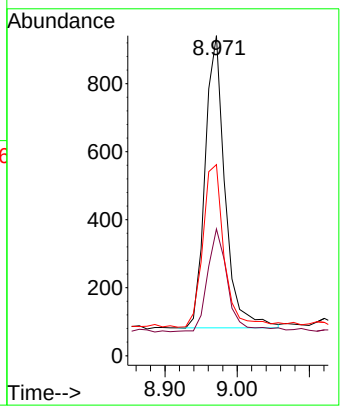


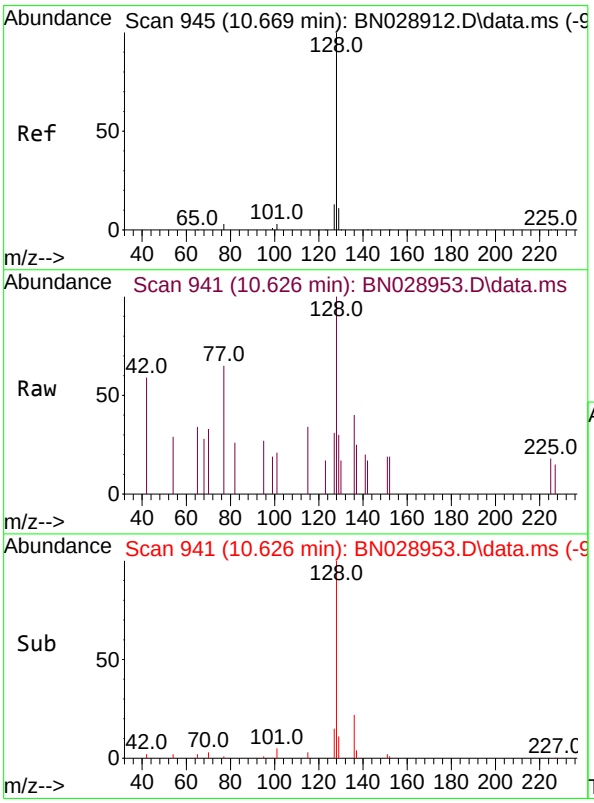
#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.971 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion: 82 Resp: 1643

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.2	43.8
54	59.7	47.0	70.6

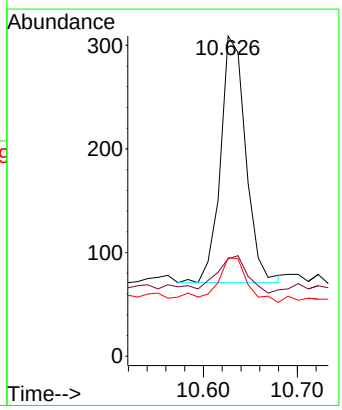


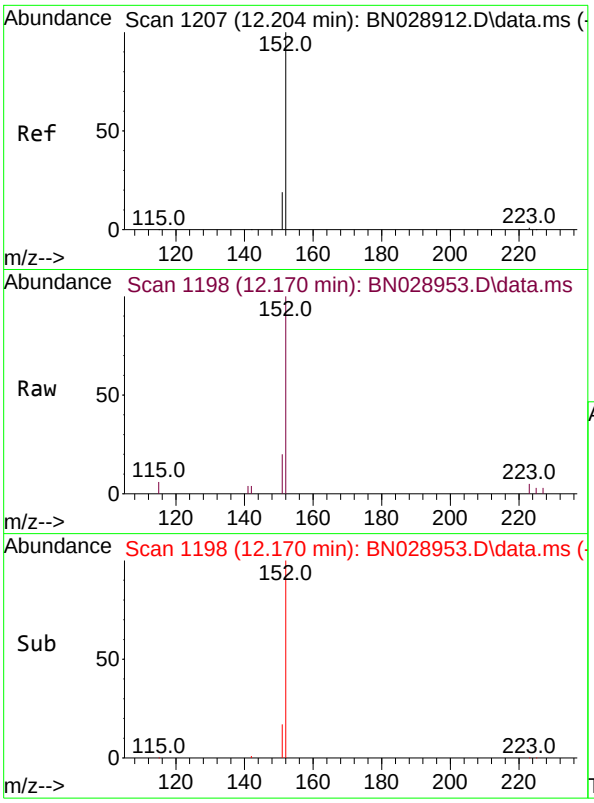


#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:128 Resp: 445

Ion	Ratio	Lower	Upper
128	100		
129	30.4	9.5	14.3#
127	30.7	11.0	16.4#



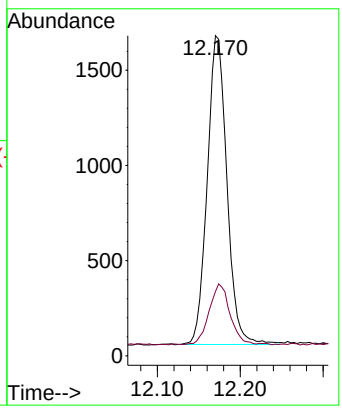


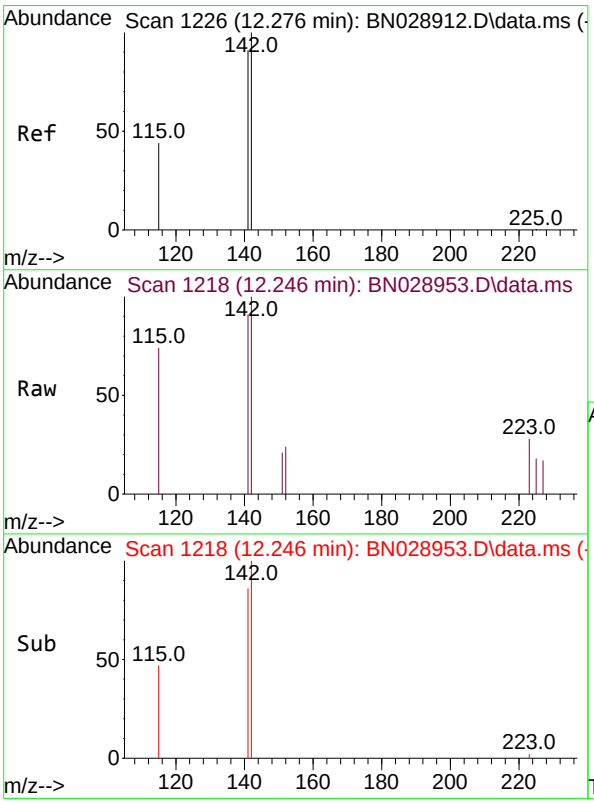
#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:152 Resp: 2678

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

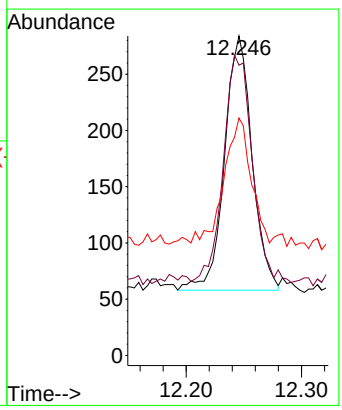


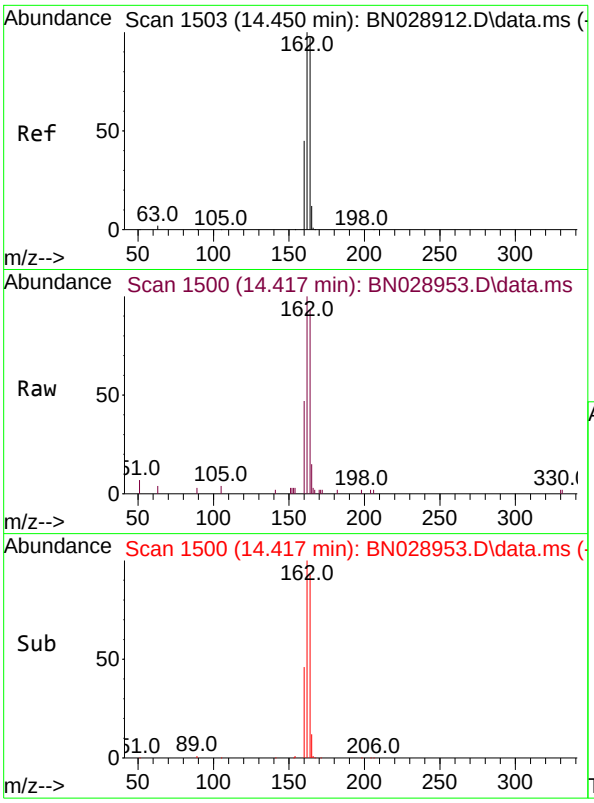


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:142 Resp: 376

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.1	109.7
115	74.3	37.6	56.4#



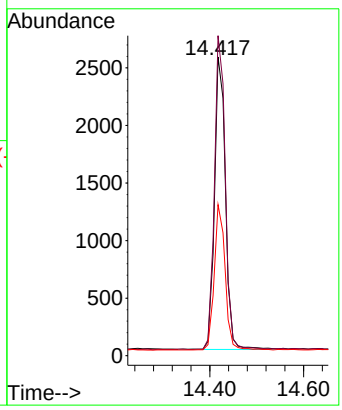


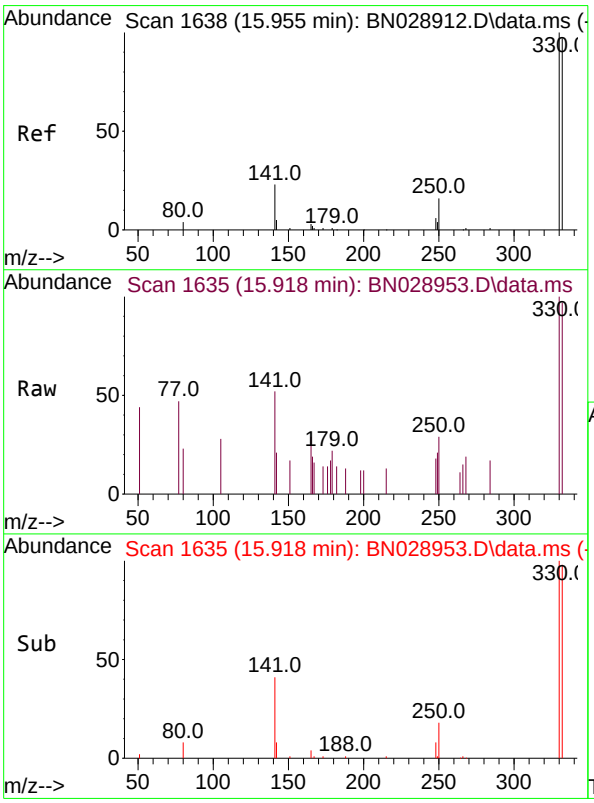
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:164 Resp: 4117

Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.7	122.5
160	50.6	37.0	55.6

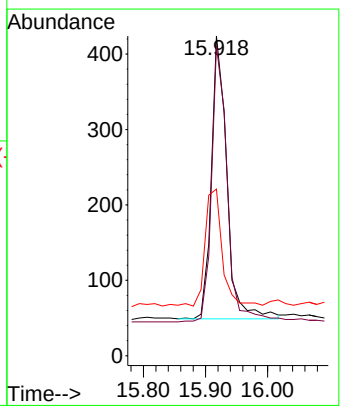


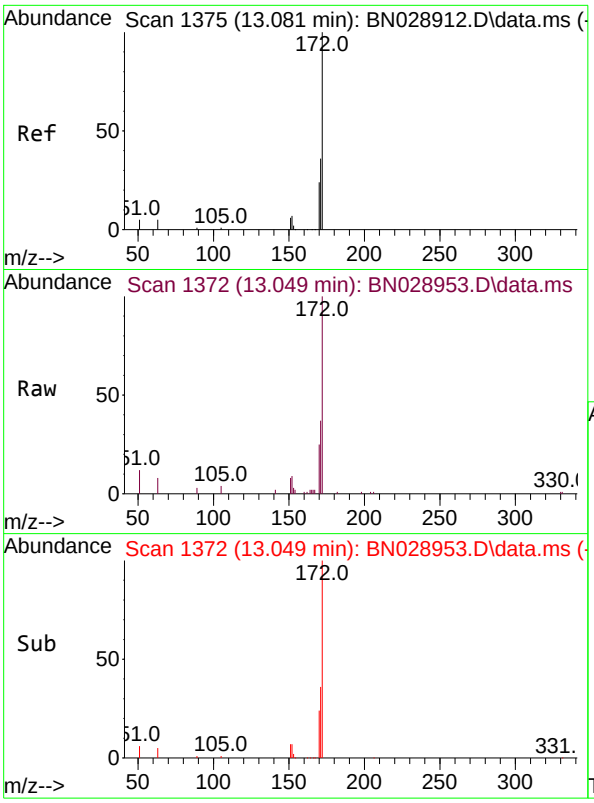


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:330 Resp: 648

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	44.3	35.7	53.5



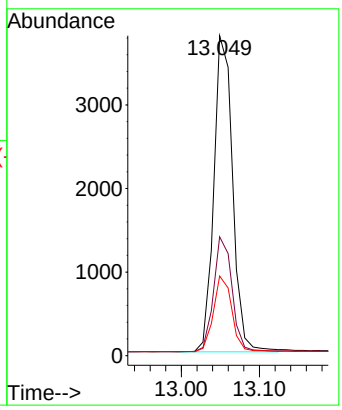


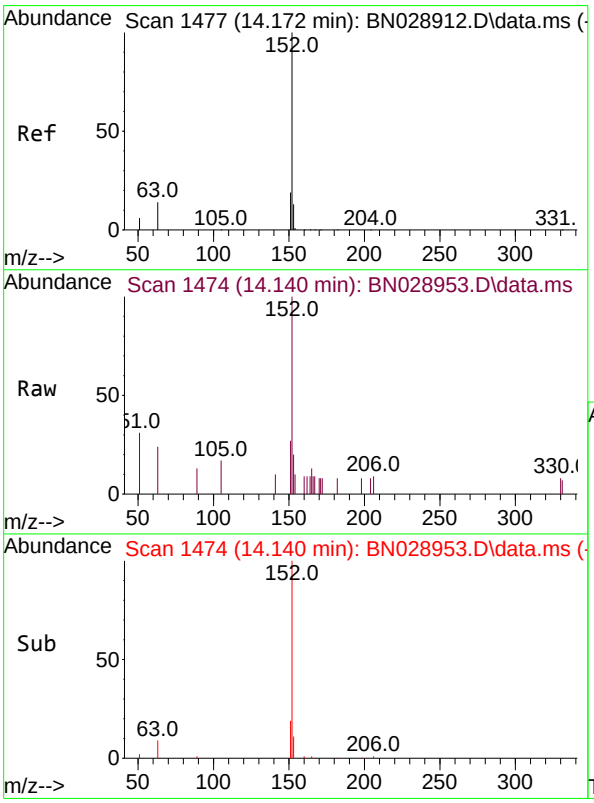
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:172 Resp: 6312

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.4
170	24.9	19.7	29.5

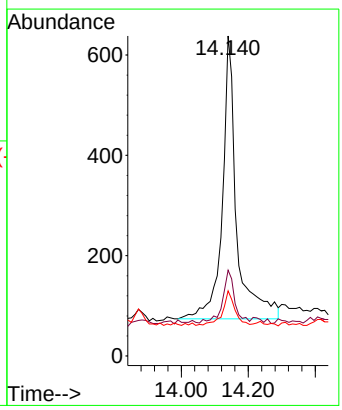


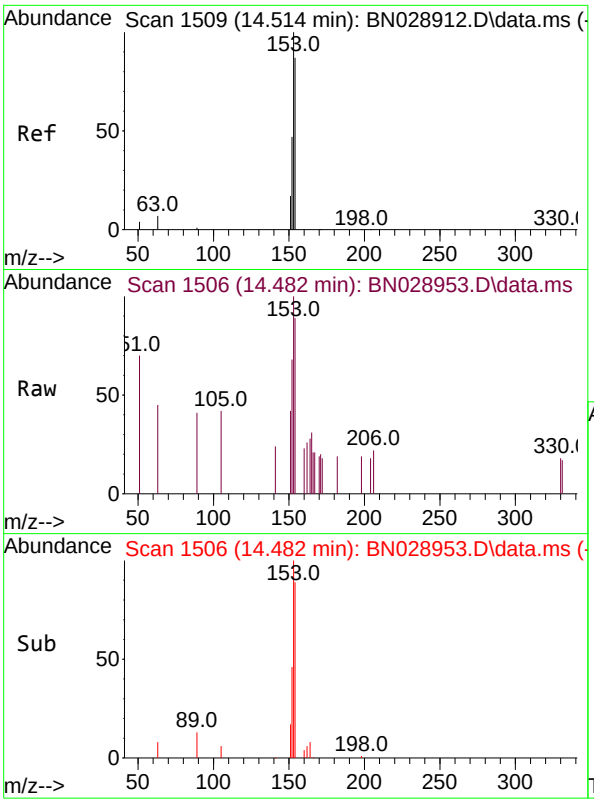


#16
Acenaphthylene
Concen: 0.077 ng
RT: 14.140 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:152 Resp: 1681

Ion	Ratio	Lower	Upper
152	100		
151	15.5	15.9	23.9#
153	9.6	10.8	16.2#





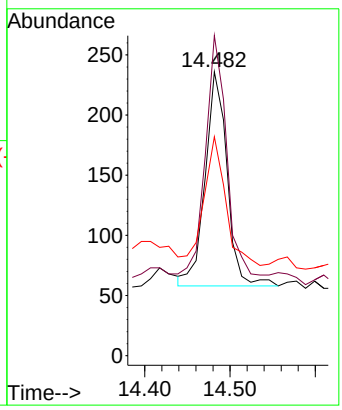
#17
Acenaphthene
Concen: 0.022 ng
RT: 14.482 min Scan# 1

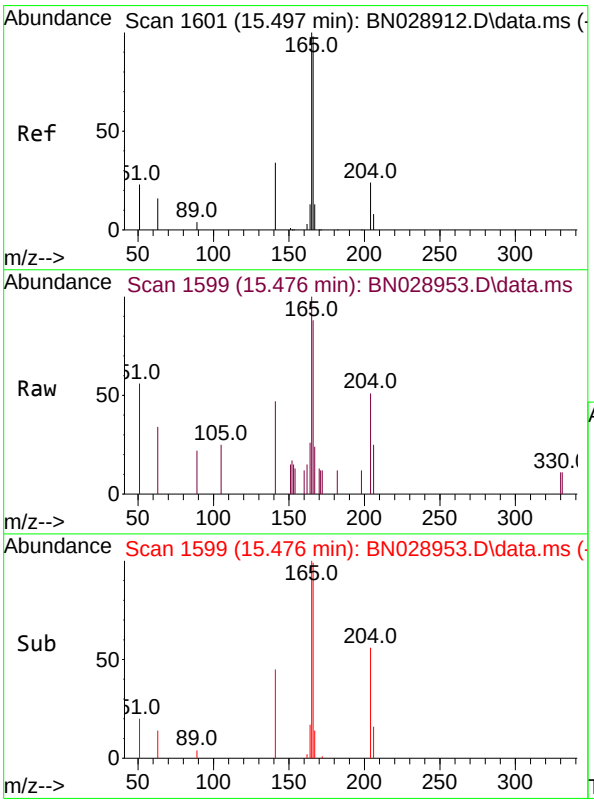
Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:154 Resp: 317

Ion	Ratio	Lower	Upper
154	100		
153	105.0	93.8	140.6
152	59.6	44.5	66.7

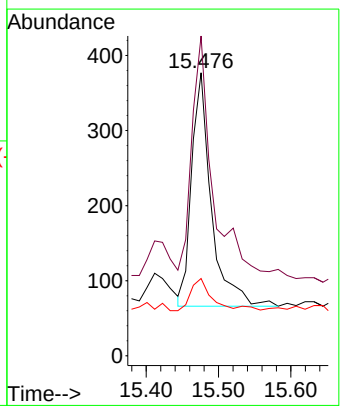


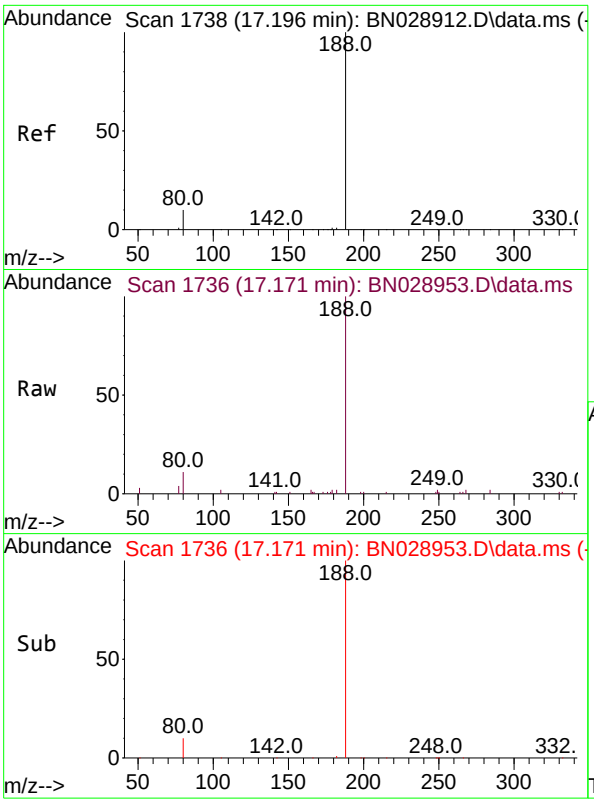


#18
Fluorene
Concen: 0.034 ng
RT: 15.476 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:166 Resp: 629

Ion	Ratio	Lower	Upper
166	100		
165	116.4	79.4	119.2
167	15.1	11.0	16.4



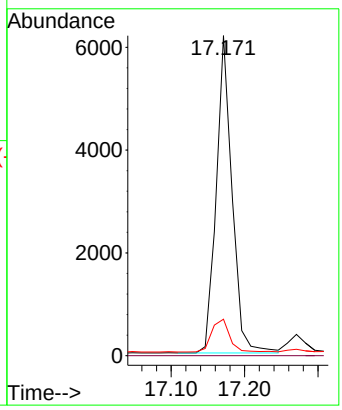


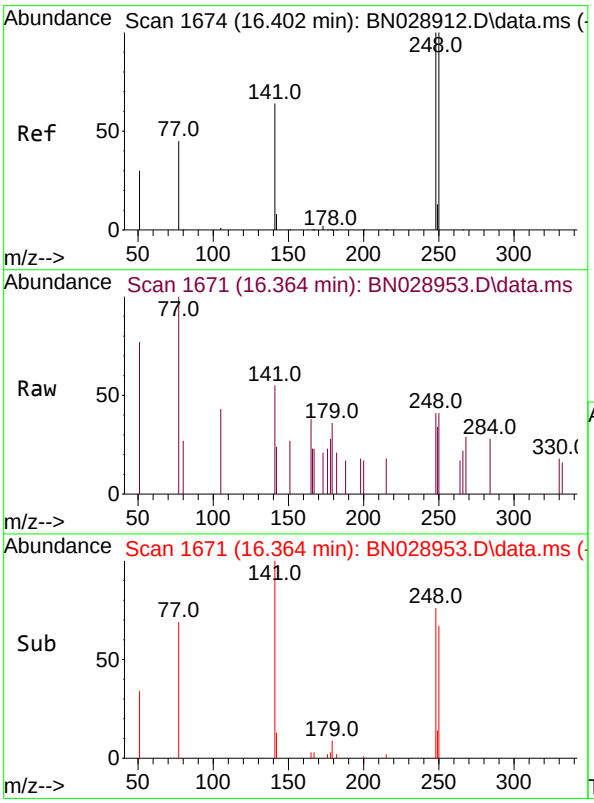
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:188 Resp: 9238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.0	13.6

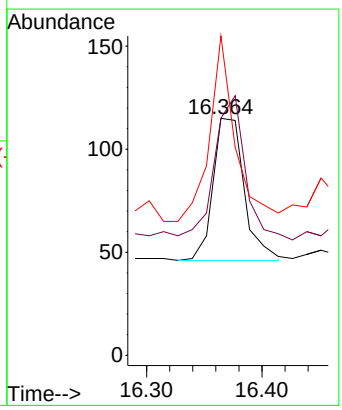


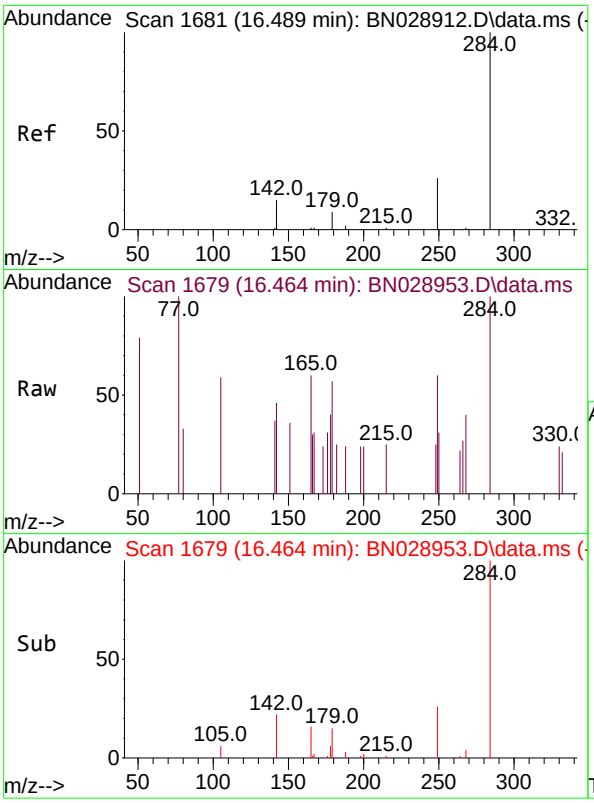


#21
4-Bromophenyl-phenylether
Concen: 0.020 ng
RT: 16.364 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:248 Resp: 130

Ion	Ratio	Lower	Upper
248	100		
250	100.0	83.5	125.3
141	134.8	52.9	79.3#



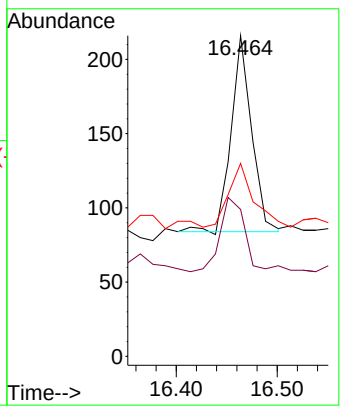


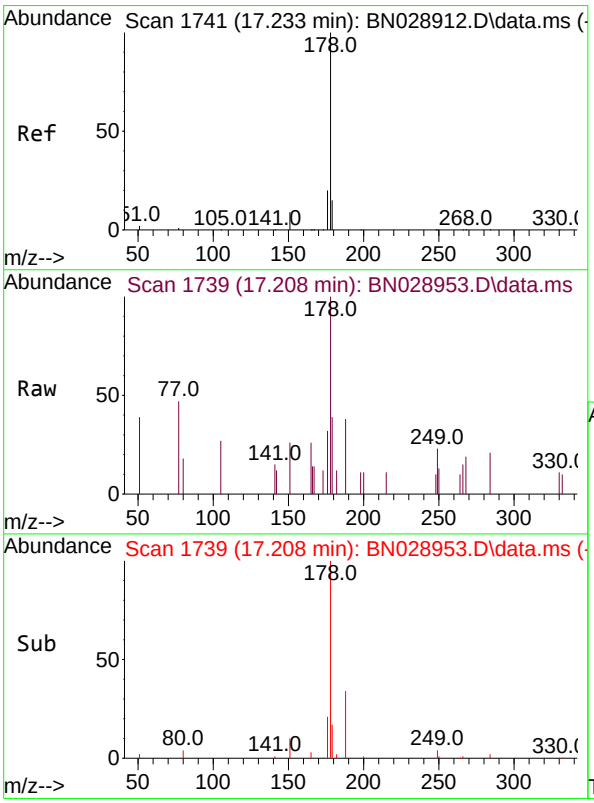
#22
Hexachlorobenzene
Concen: 0.024 ng
RT: 16.464 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:284 Resp: 187

Ion	Ratio	Lower	Upper
284	100		
142	46.5	34.1	51.1
249	39.6	25.7	38.5#

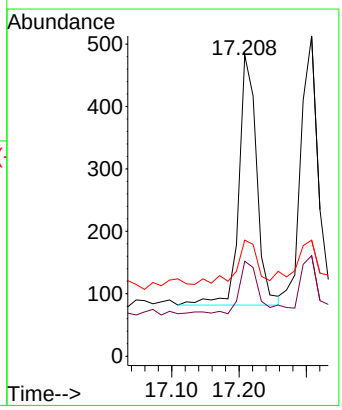


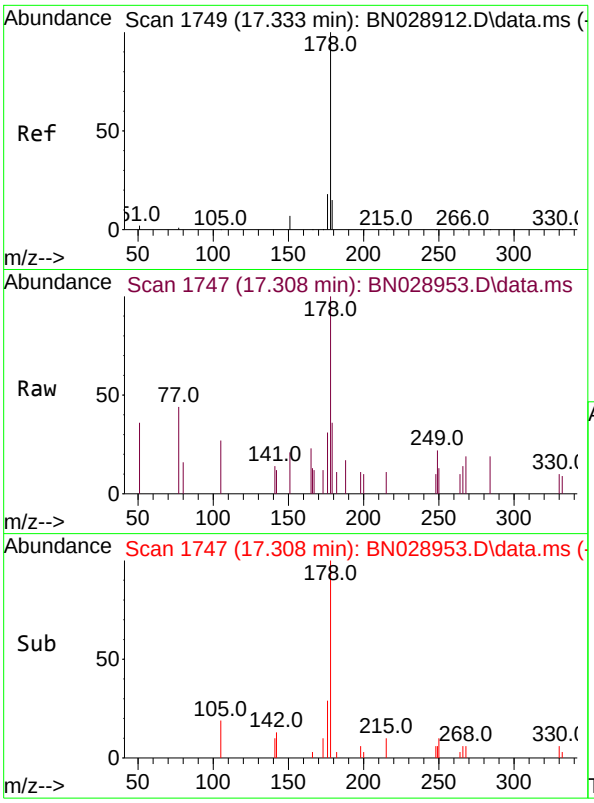


#25
Phenanthrene
Concen: 0.024 ng
RT: 17.208 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:178 Resp: 735

Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.4	24.6
179	20.8	14.1	21.1



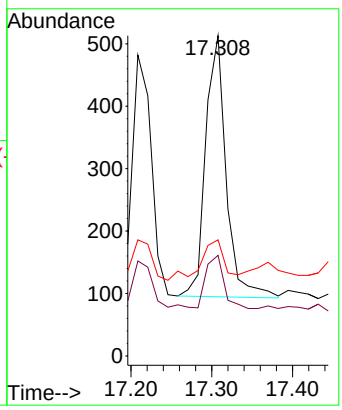


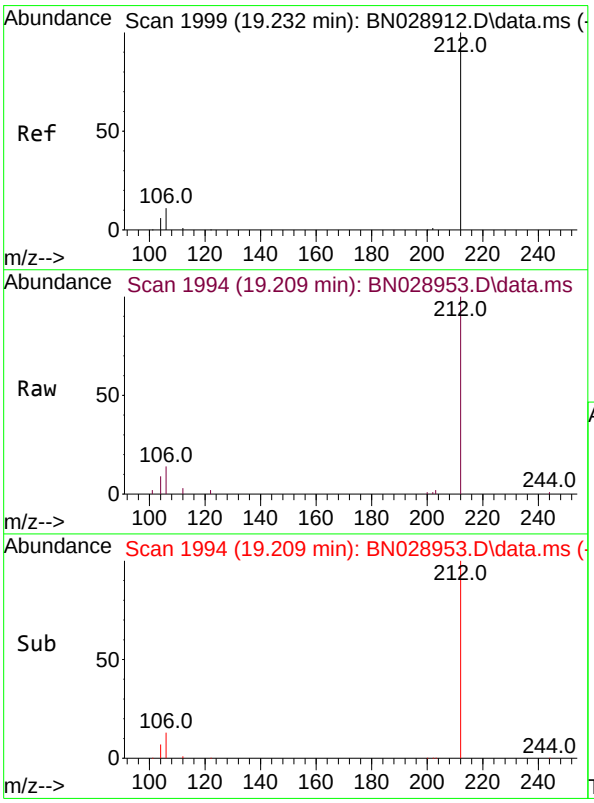
#26
Anthracene
Concen: 0.026 ng
RT: 17.308 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:178 Resp: 739

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.2	22.8
179	18.0	12.2	18.2

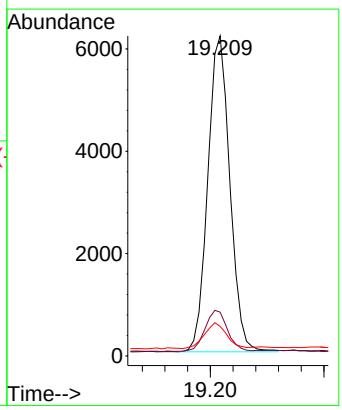


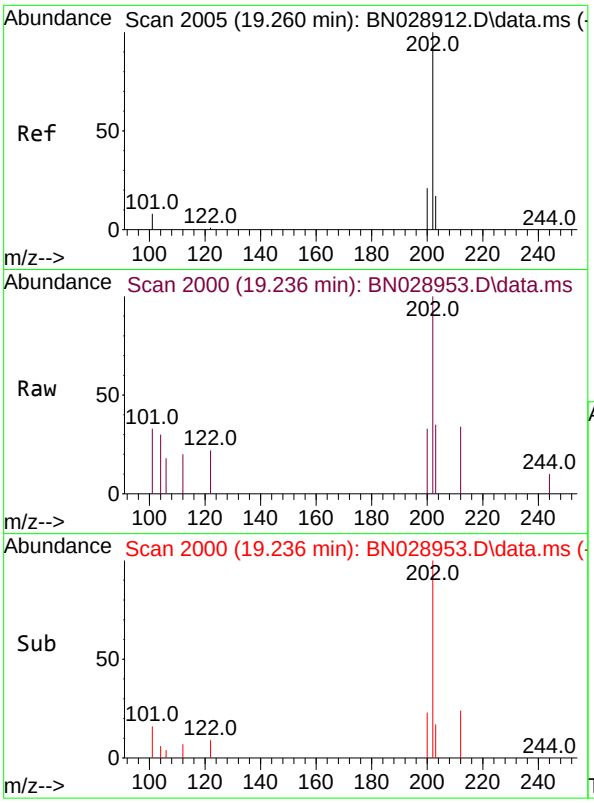


#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:212 Resp: 8312

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.4	14.2
104	8.2	6.2	9.2



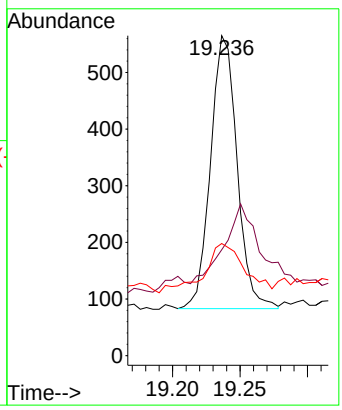


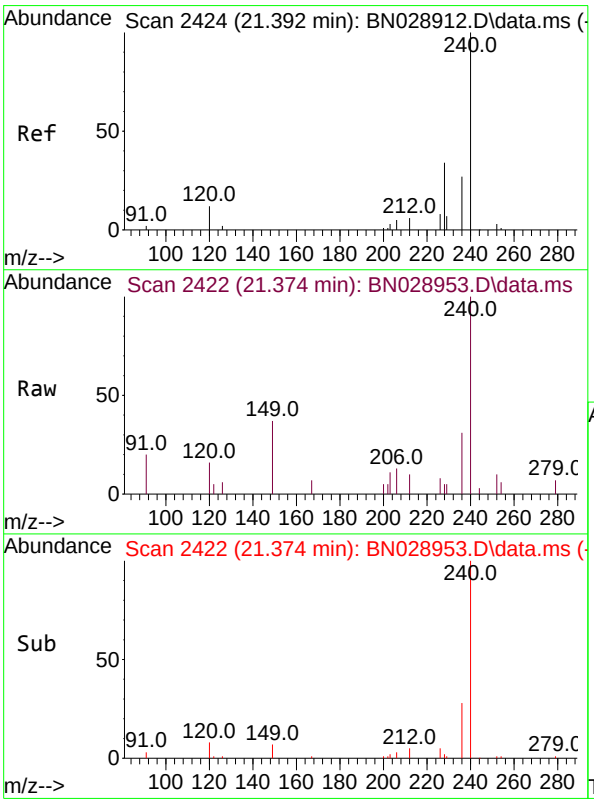
#28
Fluoranthene
Concen: 0.021 ng
RT: 19.236 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:202 Resp: 660

Ion	Ratio	Lower	Upper
202	100		
101	44.1	7.3	10.9#
203	27.1	14.1	21.1#

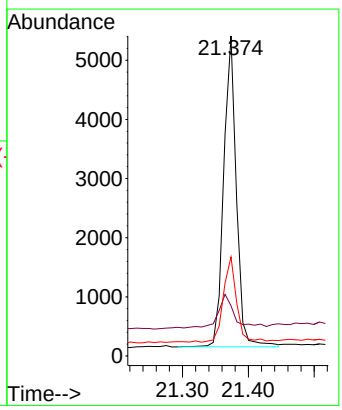


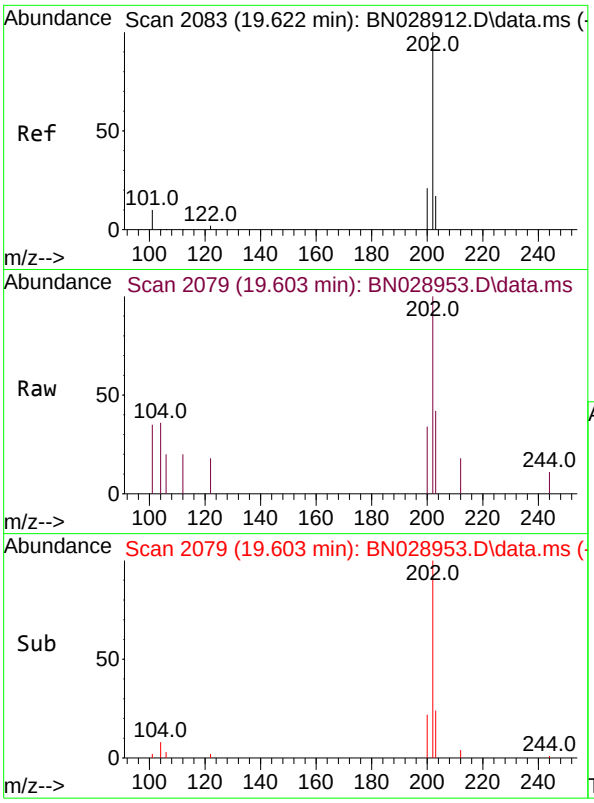


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:240 Resp: 7001

Ion	Ratio	Lower	Upper
240	100		
120	15.7	37.1	55.7#
236	31.0	32.4	48.6#



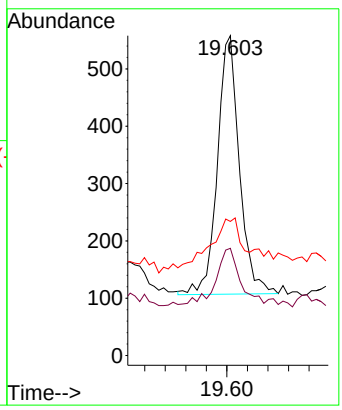


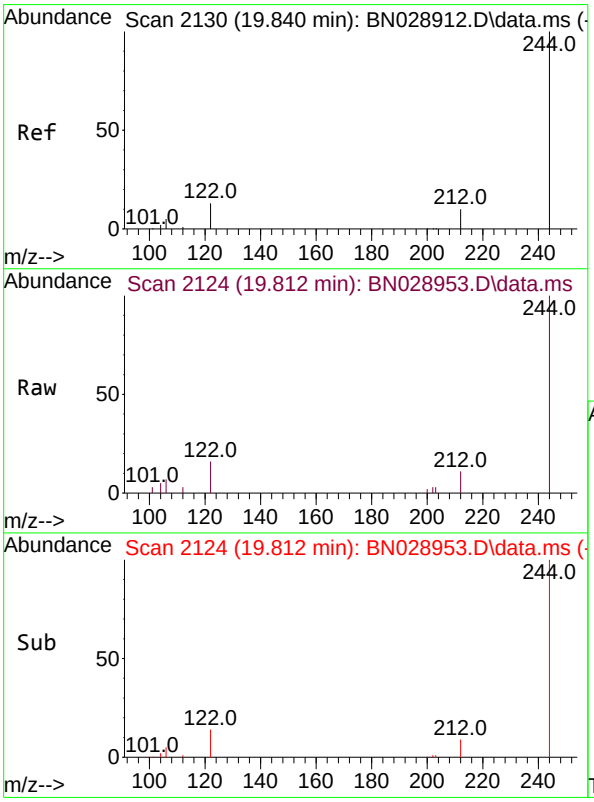
#30
Pyrene
Concen: 0.107 ng
RT: 19.603 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:202 Resp: 670

Ion	Ratio	Lower	Upper
202	100		
200	28.2	16.9	25.3#
203	27.3	14.8	22.2#

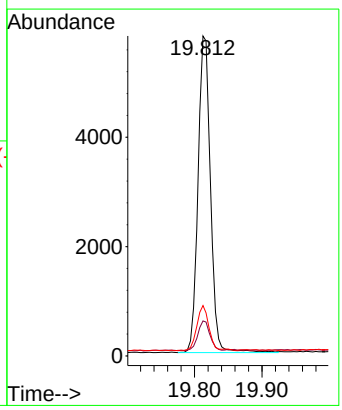


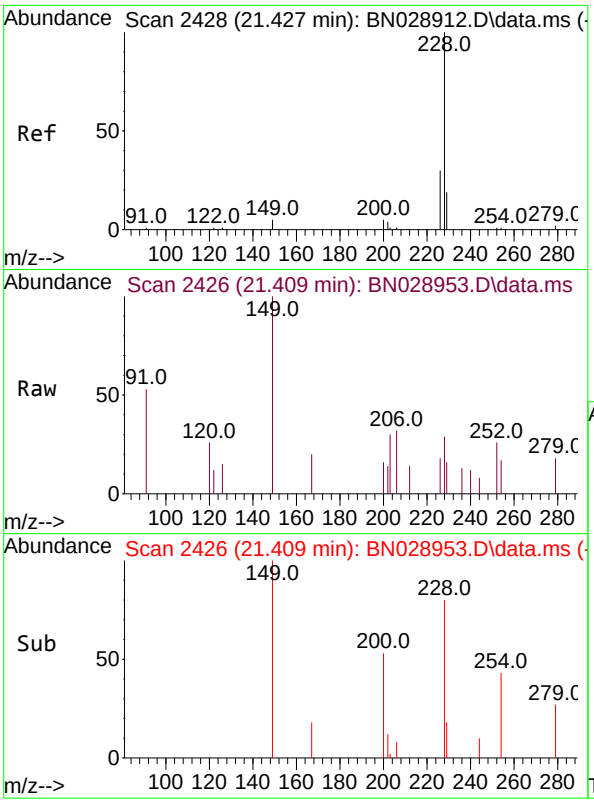


#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.812 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:244 Resp: 7423

Ion	Ratio	Lower	Upper
244	100		
212	11.0	11.5	17.3#
122	15.8	13.2	19.8



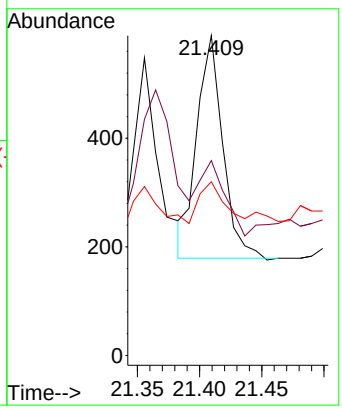


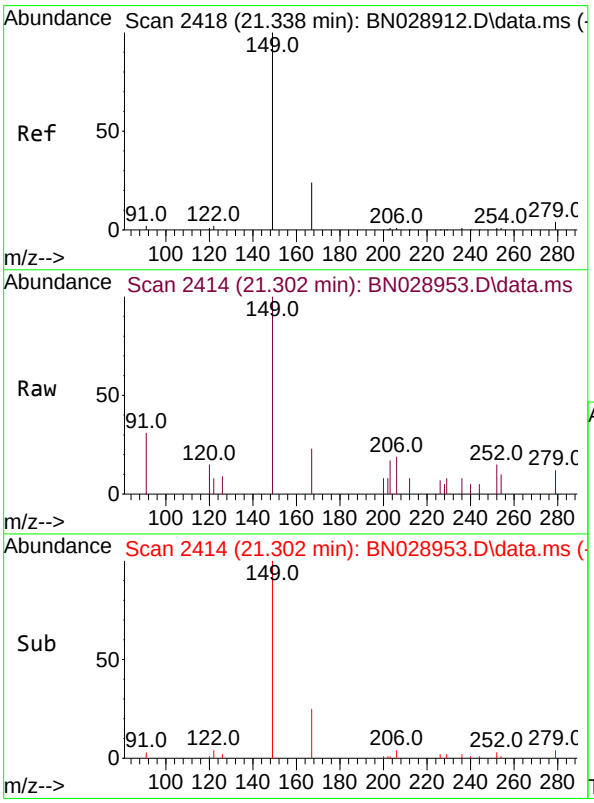
#33
Chrysene
Concen: 0.020 ng
RT: 21.409 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:228 Resp: 592

Ion	Ratio	Lower	Upper
228	100		
226	61.0	28.3	42.5#
229	54.3	16.4	24.6#

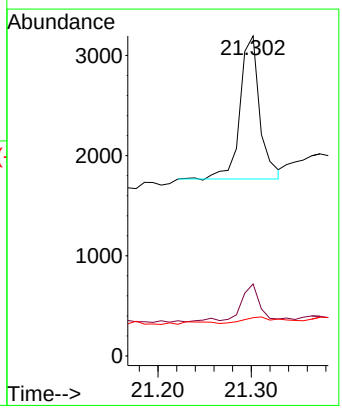


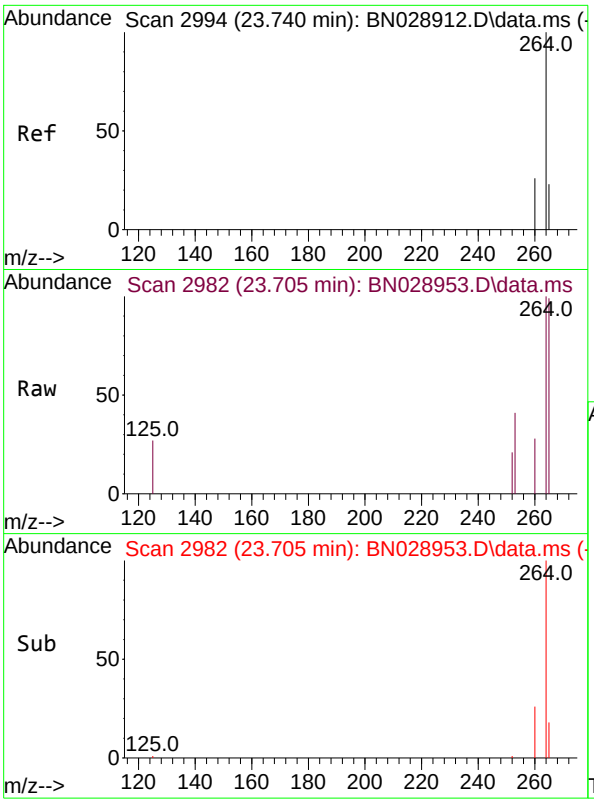


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.302 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:149 Resp: 2108

Ion	Ratio	Lower	Upper
149	100		
167	26.3	14.9	22.3#
279	9.1	6.3	9.5



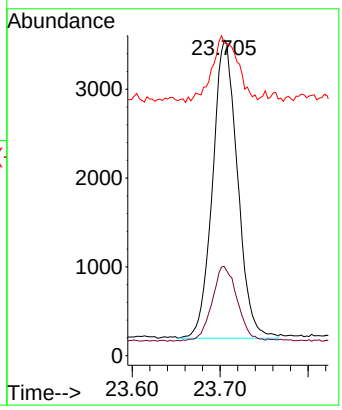


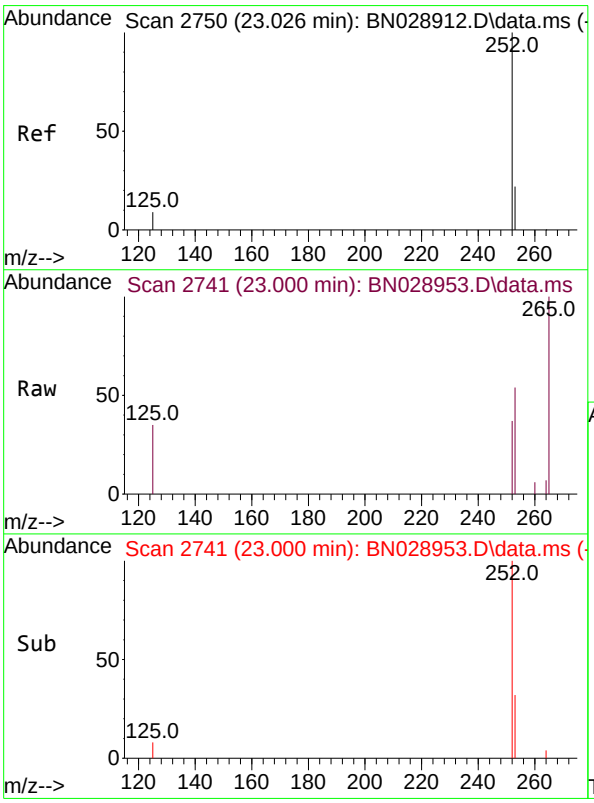
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.705 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20231107

Tgt Ion:264 Resp: 6602

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.6	30.8
265	99.1	464.5	696.7#





#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 23.000 min Scan# 2741
Delta R.T. 0.003 min
Lab File: BN028953.D
Acq: 01 Dec 2023 18:49

Tgt Ion:252 Resp: 653

Ion	Ratio	Lower	Upper
252	100		
253	146.5	94.5	141.7#
125	94.1	23.8	35.8#