Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
Data File : BN027753.D
Acq On : 19 Sep 2023 17:24
Operator : MA/JU
Sample : 04327-03DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Quant Time: Sep 19 18:23:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	1987	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	6237	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	4328	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	11899	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12376	0.400	ng	0.00
35) Perylene-d12	24.072	264	12813	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	400	0.077	ng	0.00
5) Phenol-d6	7.163	99	276	0.043	ng	0.00
8) Nitrobenzene-d5	9.208	82	863	0.170	ng	0.00
11) 2-Methylnaphthalene-d10	12.415	152	1428	0.155	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	367	0.182	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	2840	0.193	ng	0.00
27) Fluoranthene-d10	19.421	212	7162	0.215	ng	0.00
31) Terphenyl-d14	20.006	244	6743	0.290	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	7902	3.405	ng	100
28) Fluoranthene	19.453	202	1040	0.023	ng	# 88
30) Pyrene	19.820	202	936	0.022	ng	95
34) Bis(2-ethylhexyl)phtha...	21.435	149	1702	0.082	ng	98
37) Benzo(b)fluoranthene	23.303	252	1205	0.025	ng	# 1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
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Misc :
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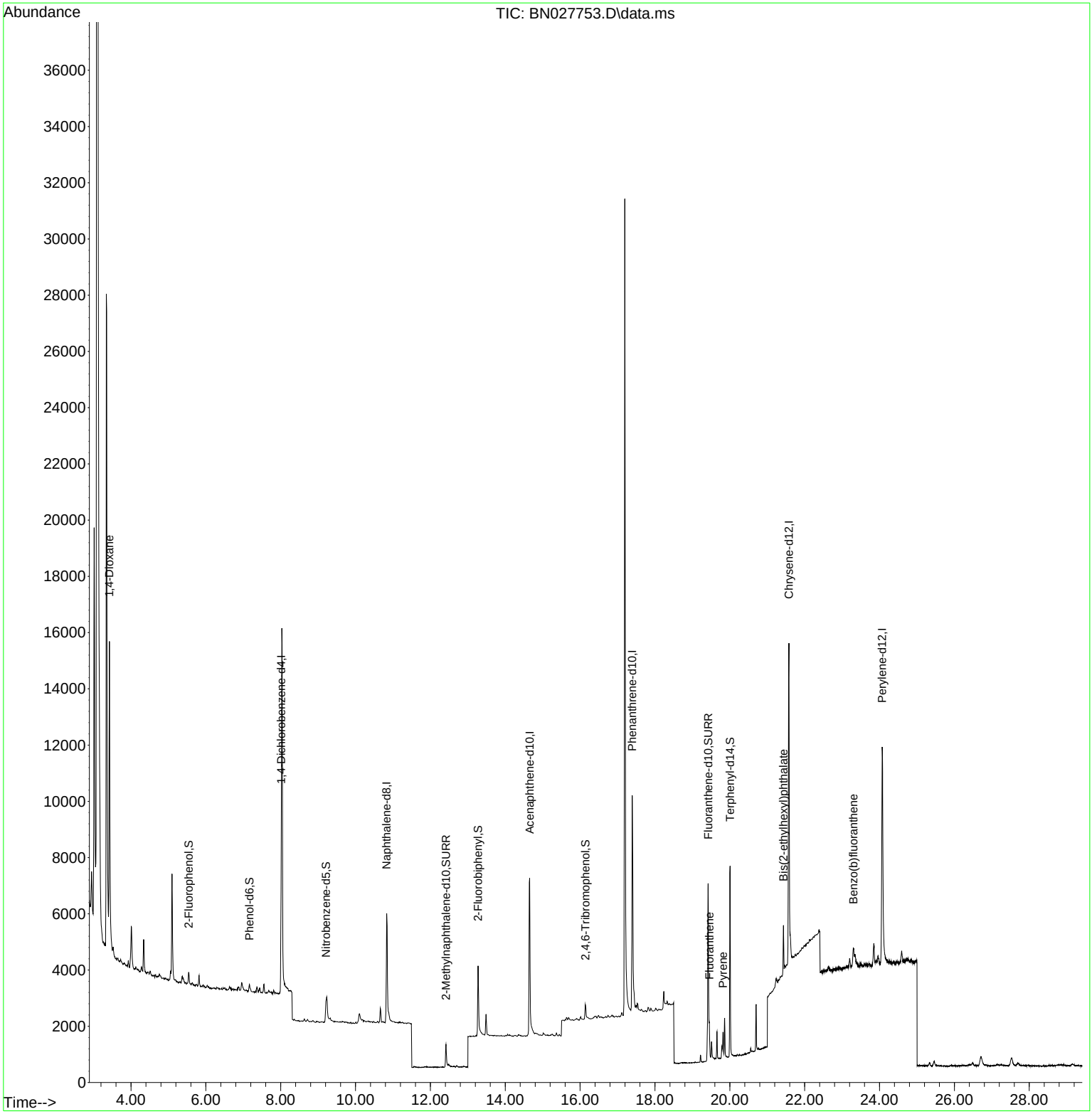
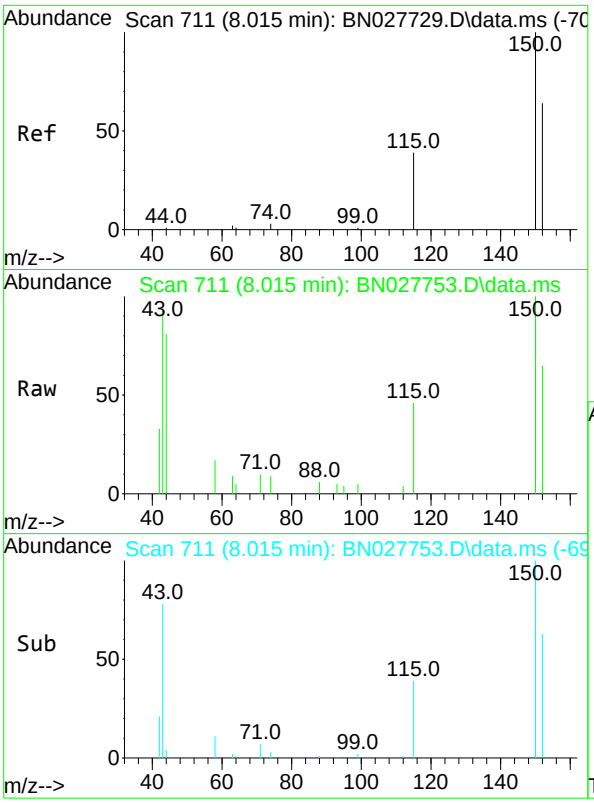
Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Quant Time: Sep 19 18:23:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration



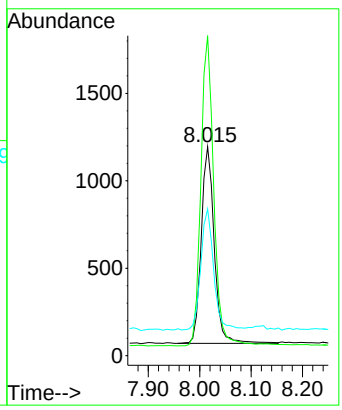


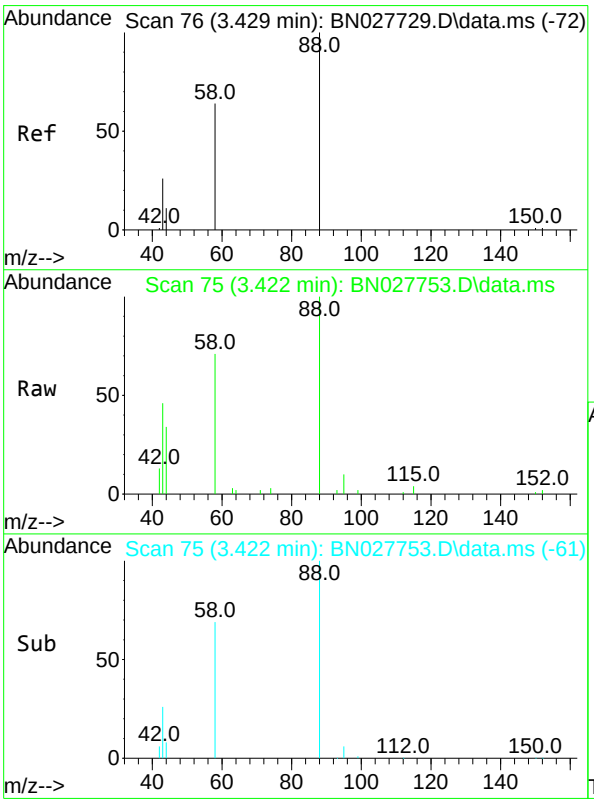
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.015 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:152 Resp: 1987

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.2	178.8
115	70.2	53.8	80.8

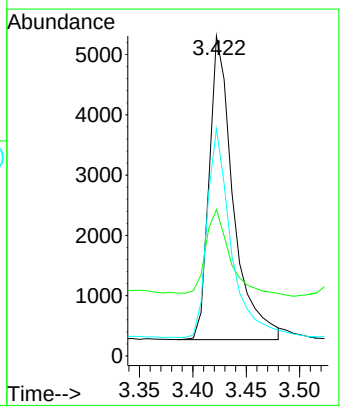


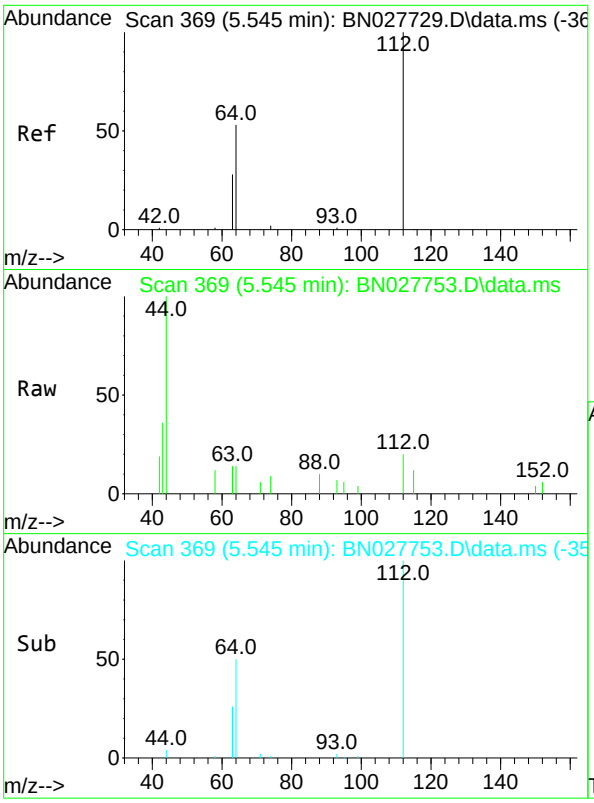


#2
1,4-Dioxane
Concen: 3.405 ng
RT: 3.422 min Scan# 75
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion: 88 Resp: 7902

Ion	Ratio	Lower	Upper
88	100		
43	26.2	21.5	32.3
58	68.1	54.4	81.6



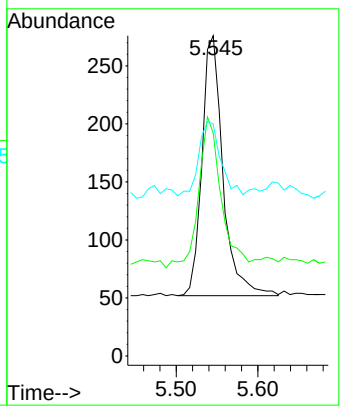


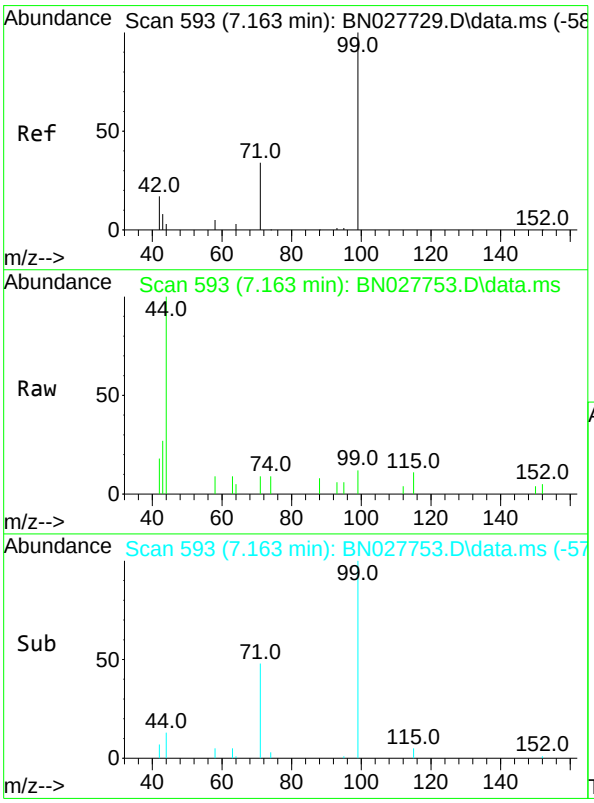
#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.545 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:112 Resp: 400

Ion	Ratio	Lower	Upper
112	100		
64	62.5	45.0	67.6
63	31.5	24.1	36.1

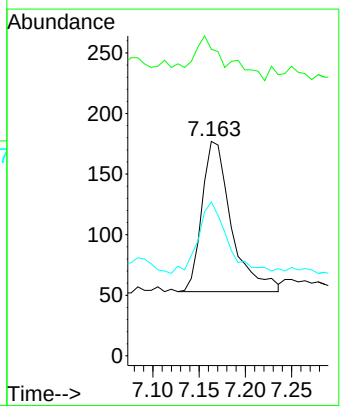


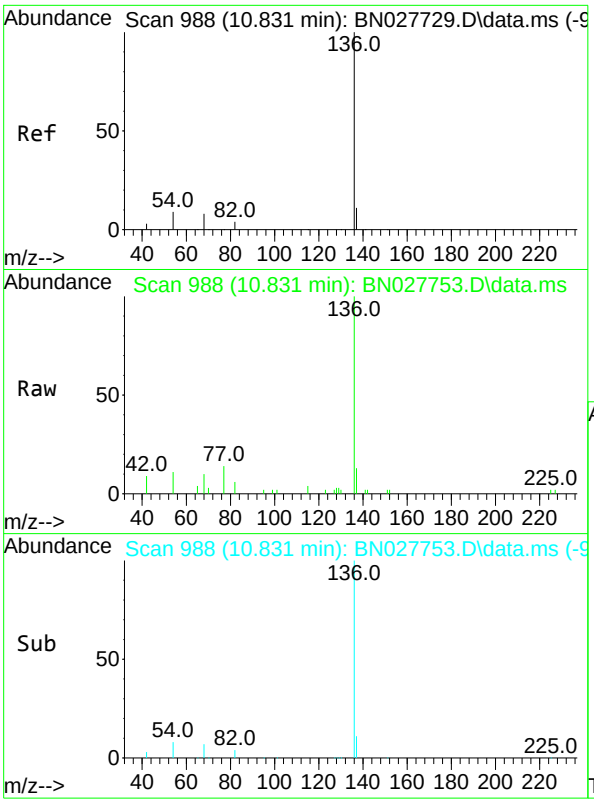


#5
Phenol-d6
Concen: 0.043 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion: 99 Resp: 276

Ion	Ratio	Lower	Upper
99	100		
42	31.5	15.8	23.8#
71	46.7	27.3	40.9#



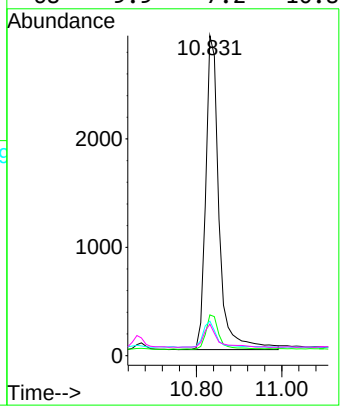


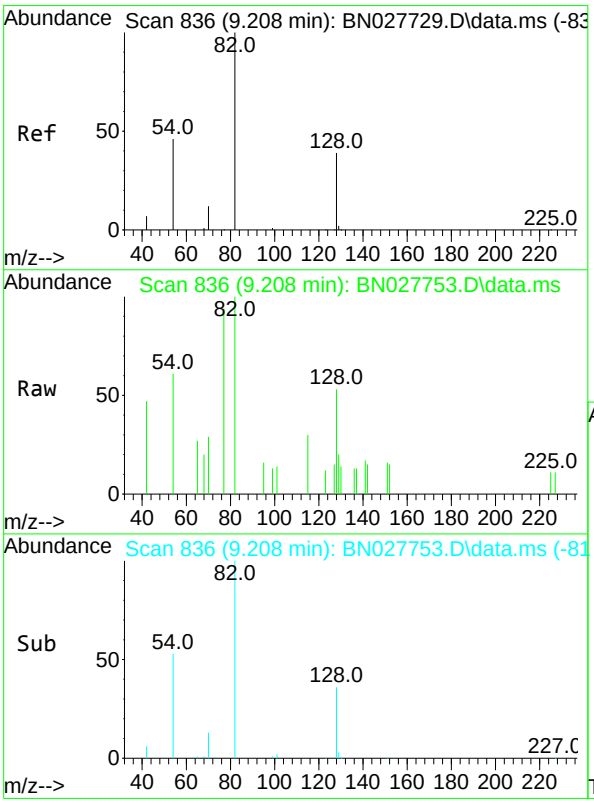
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:136 Resp: 6237

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	10.8	7.8	11.6
68	9.9	7.2	10.8

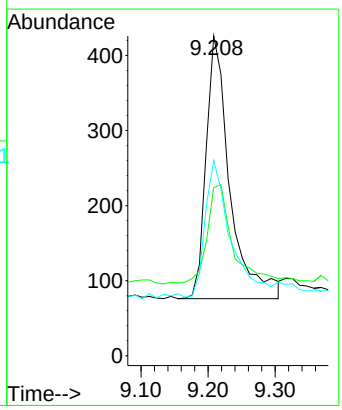


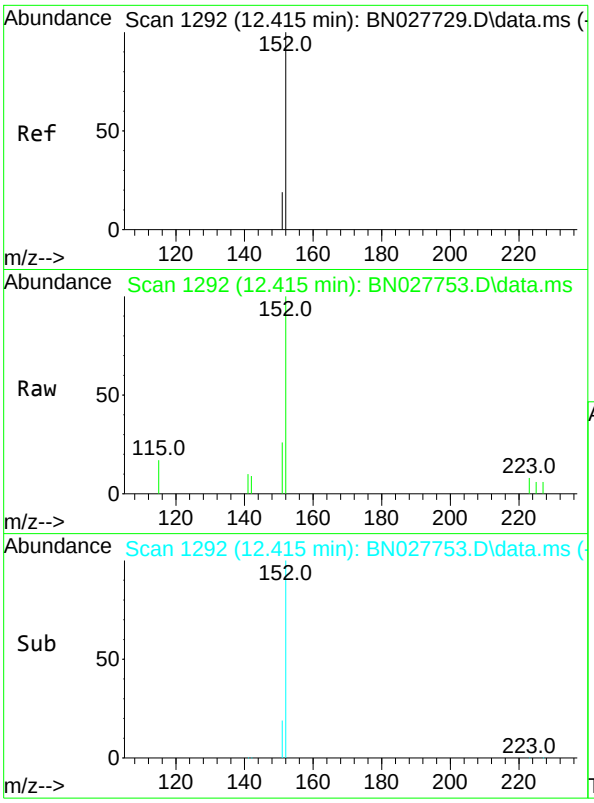


#8
Nitrobenzene-d5
Concen: 0.170 ng
RT: 9.208 min Scan# 836
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion: 82 Resp: 863

Ion	Ratio	Lower	Upper
82	100		
128	52.6	35.1	52.7
54	61.0	35.1	52.7#



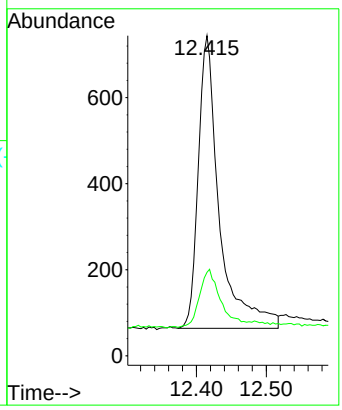


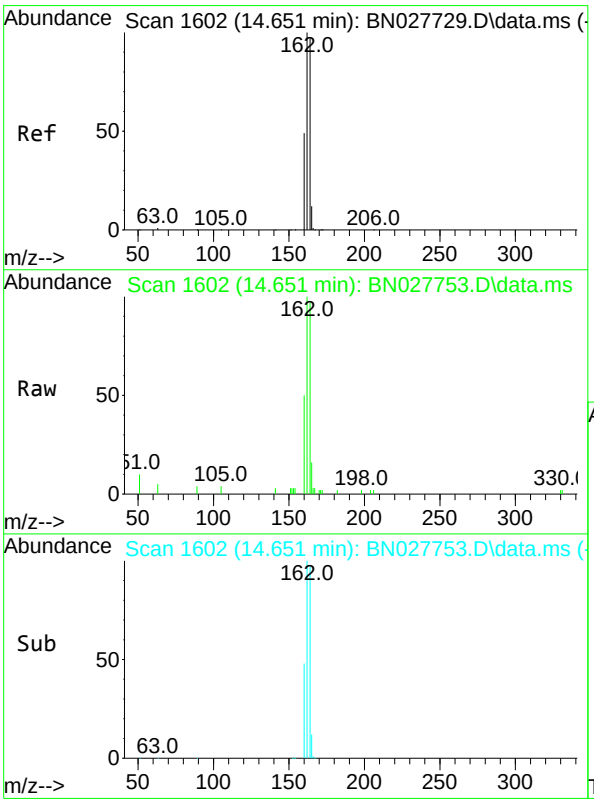
#11
2-Methylnaphthalene-d10
Concen: 0.155 ng
RT: 12.415 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:152 Resp: 1428

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7

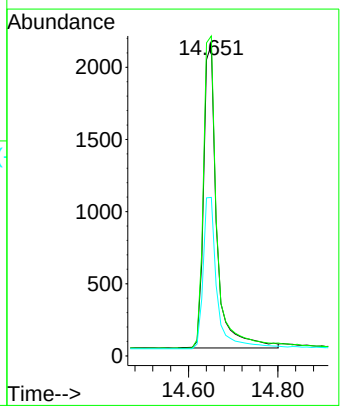


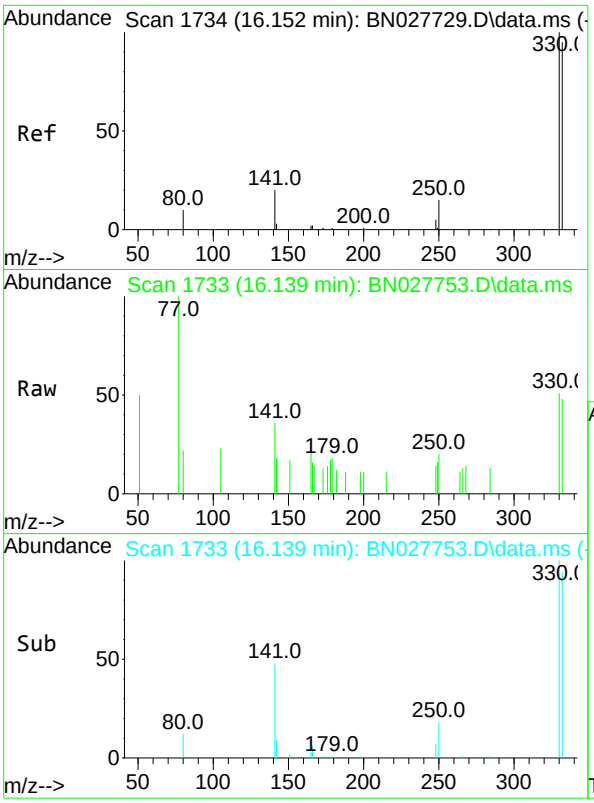


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:164 Resp: 4328

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.4	125.2
160	50.9	41.0	61.4



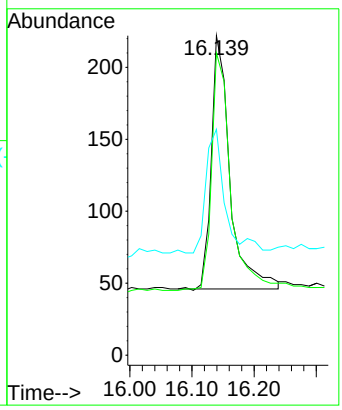


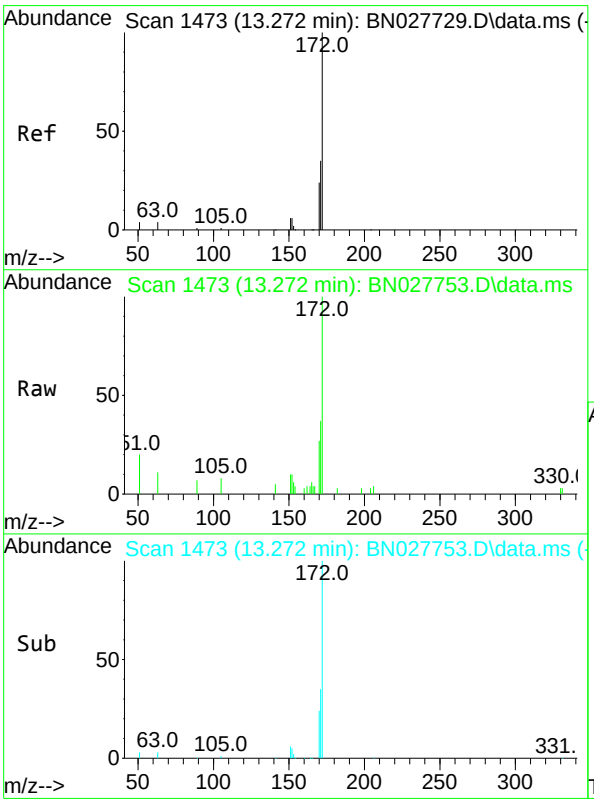
#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 16.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:330 Resp: 367

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	50.1	38.2	57.2

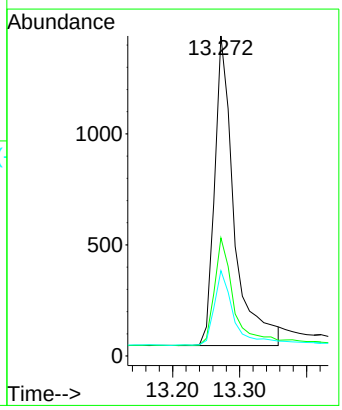


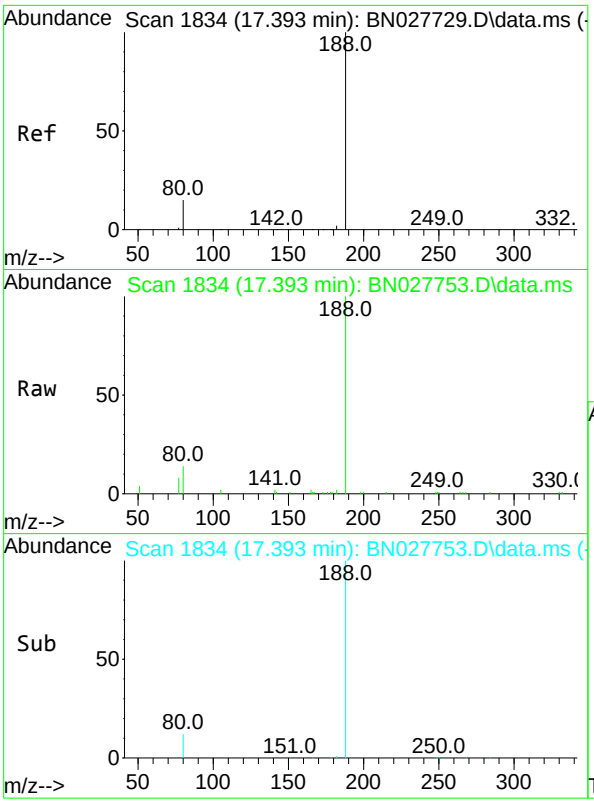


#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 13.272 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:172 Resp: 2840

Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.6	41.4
170	26.6	18.7	28.1



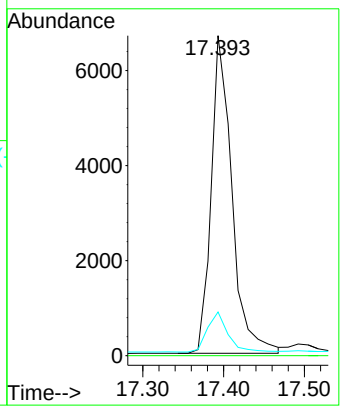


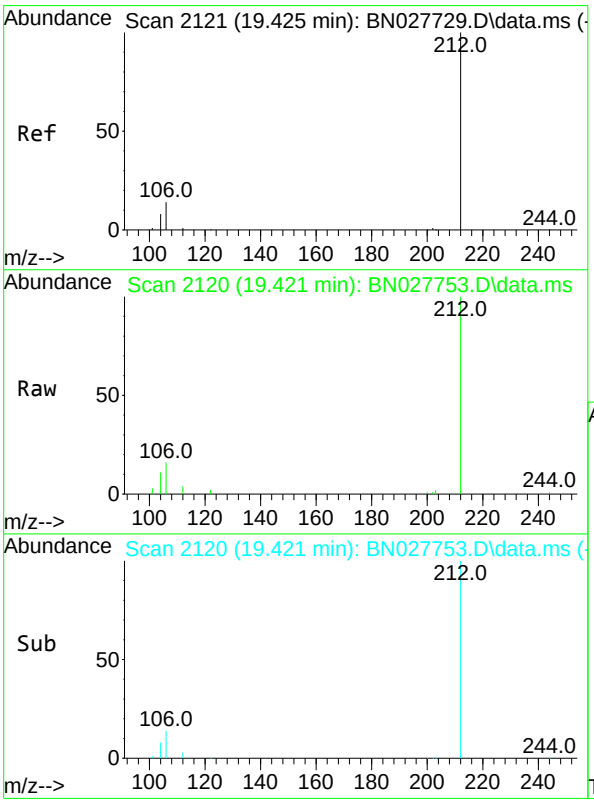
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:188 Resp: 11899

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	9.5	14.3

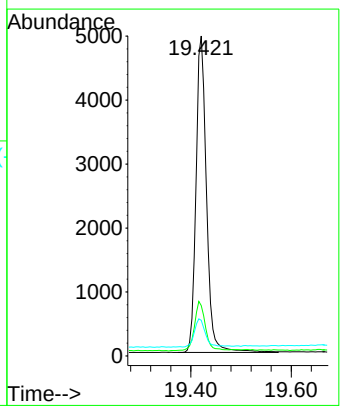


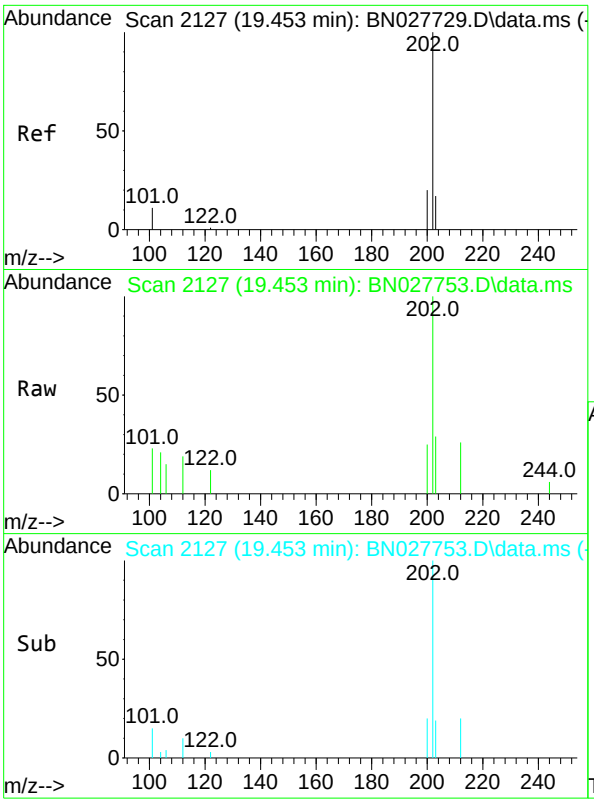


#27
Fluoranthene-d10
Concen: 0.215 ng
RT: 19.421 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:212 Resp: 7162

Ion	Ratio	Lower	Upper
212	100		
106	16.5	11.9	17.9
104	9.6	6.7	10.1



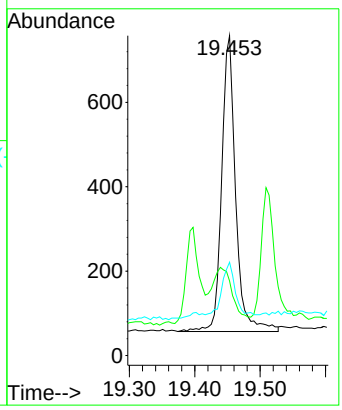


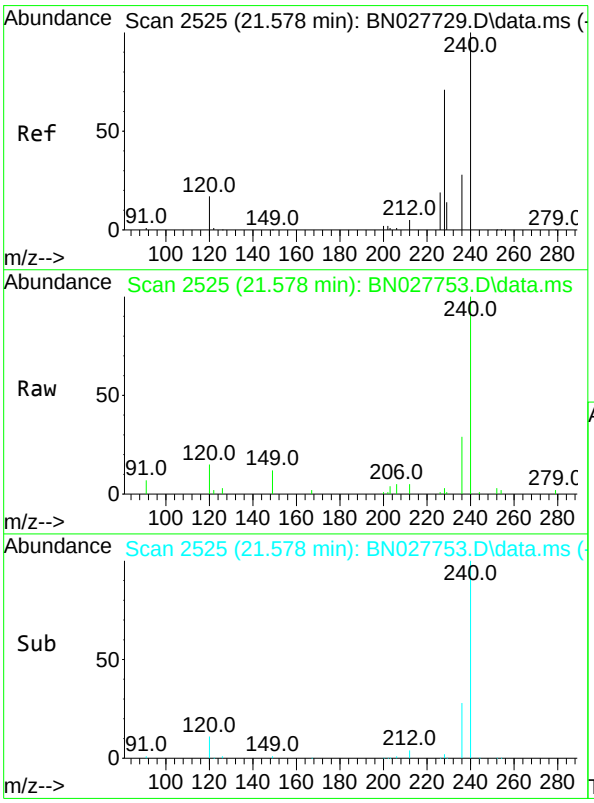
#28
Fluoranthene
Concen: 0.023 ng
RT: 19.453 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:202 Resp: 1040

Ion	Ratio	Lower	Upper
202	100		
101	23.5	9.5	14.3#
203	17.1	13.8	20.8

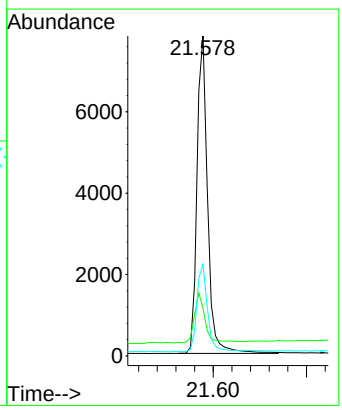


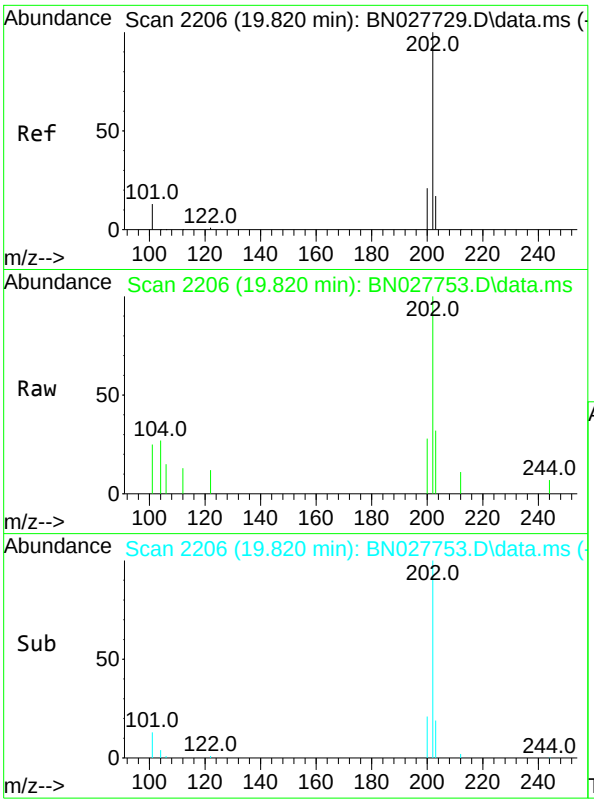


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:240 Resp: 12376

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.7	16.1
236	28.7	22.4	33.6



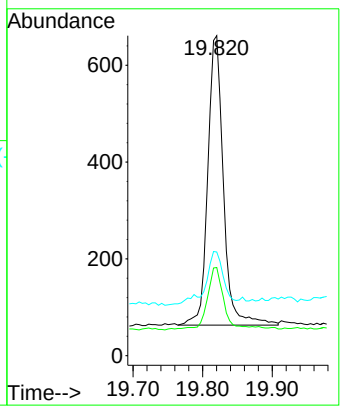


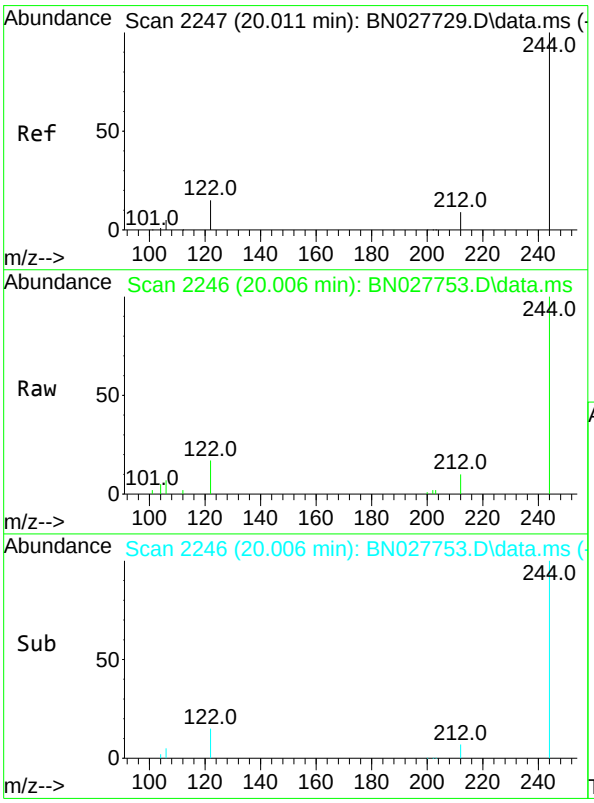
#30
Pyrene
Concen: 0.022 ng
RT: 19.820 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:202 Resp: 936

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.8	25.2
203	20.8	14.2	21.4

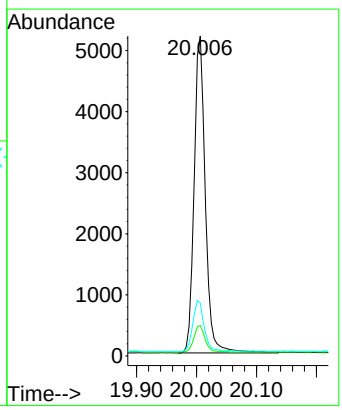


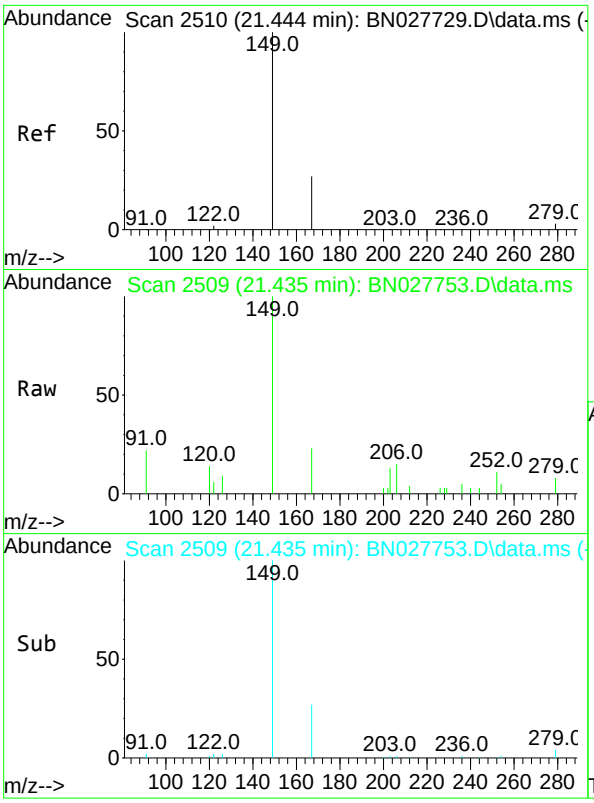


#31
Terphenyl-d14
Concen: 0.290 ng
RT: 20.006 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:244 Resp: 6743

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	16.5	12.7	19.1



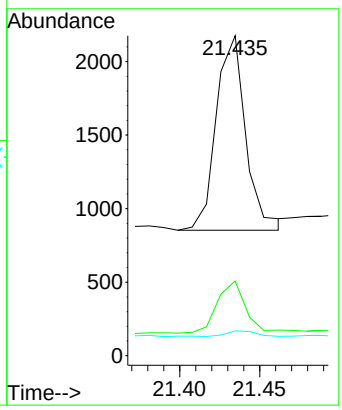


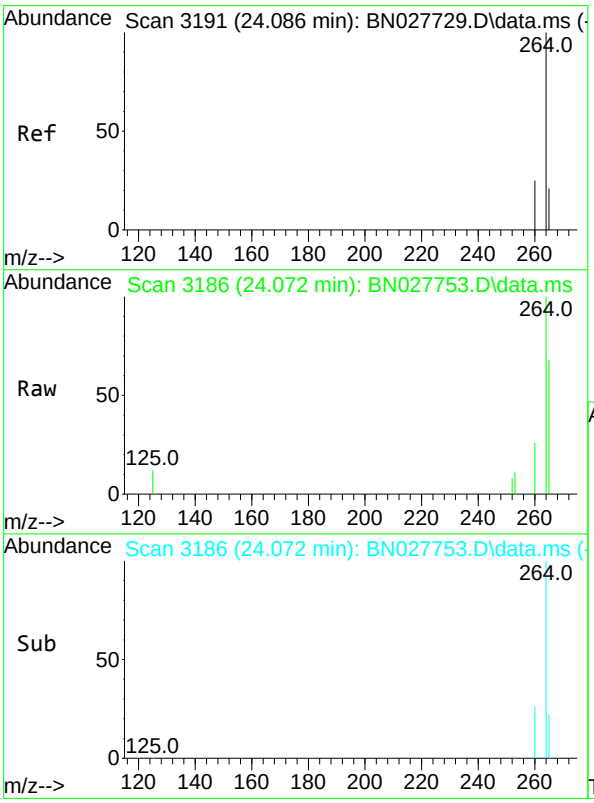
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.435 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:149 Resp: 1702

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.5	32.3
279	3.1	2.3	3.5

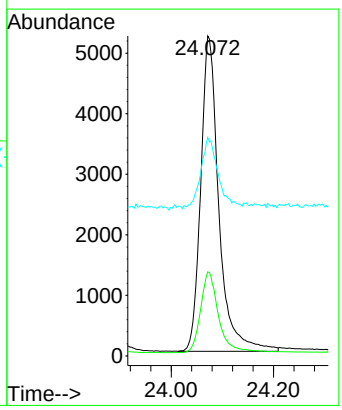


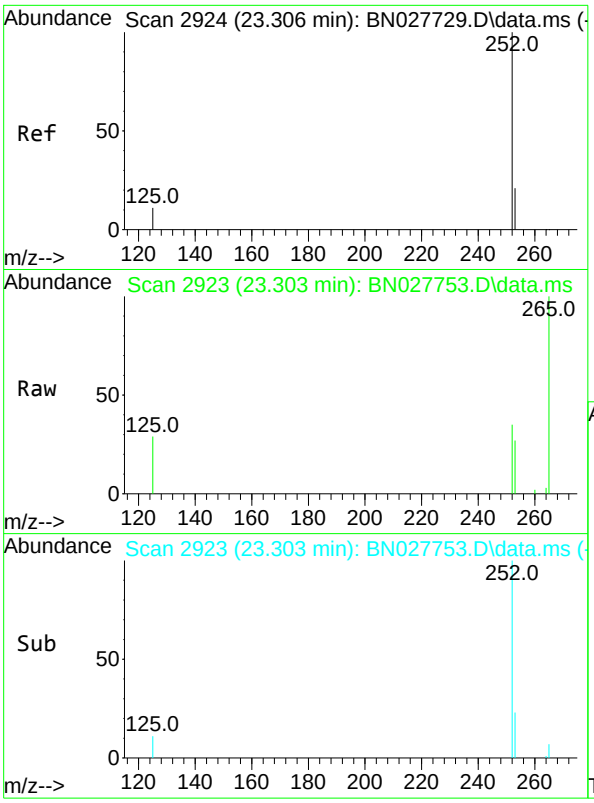


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.072 min Scan# 3186
Delta R.T. -0.000 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Tgt Ion:264 Resp: 12813

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	68.2	56.6	85.0





#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.303 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN027753.D
Acq: 19 Sep 2023 17:24

Instrument :
BNA_N
ClientSampleId :
BR-01-170-090623DL

Tgt Ion:252 Resp: 1205

Ion	Ratio	Lower	Upper
252	100		
253	78.2	17.6	26.4#
125	84.5	9.2	13.8#