Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029160.D
Acq On : 21 Dec 2023 20:55
Operator : MA/JU
Sample : 05719-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Quant Time: Dec 21 23:28:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	995	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1916	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	1108	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1825	0.400	ng	# 0.00
29) Chrysene-d12	21.394	240	833	0.400	ng	0.00
35) Perylene-d12	23.712	264	1056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	312	0.131	ng	0.00
5) Phenol-d6	7.009	99	149	0.057	ng	0.00
8) Nitrobenzene-d5	8.971	82	584	0.234	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	864	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	249	0.257	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1693	0.262	ng	0.00
27) Fluoranthene-d10	19.220	212	1246	0.282	ng	0.00
31) Terphenyl-d14	19.833	244	768	0.336	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.252	202	176	0.023	ng	# 59
30) Pyrene	19.615	202	162	0.025	ng	# 96
32) Benzo(a)anthracene	21.376	228	133	0.029	ng	# 51
33) Chrysene	21.429	228	134	0.030	ng	# 56

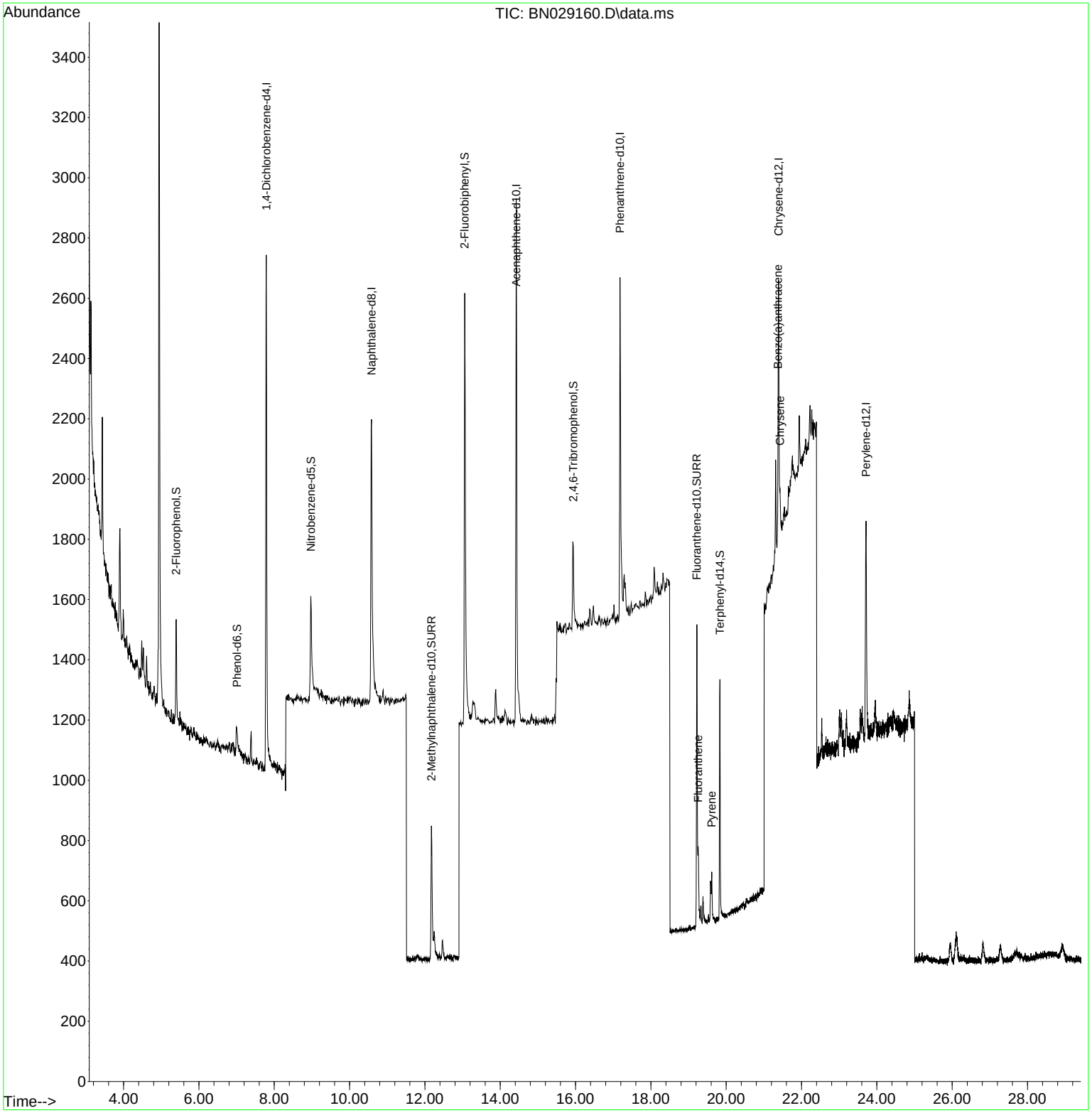
(#) = qualifier out of range (m) = manual integration (+) = signals summed

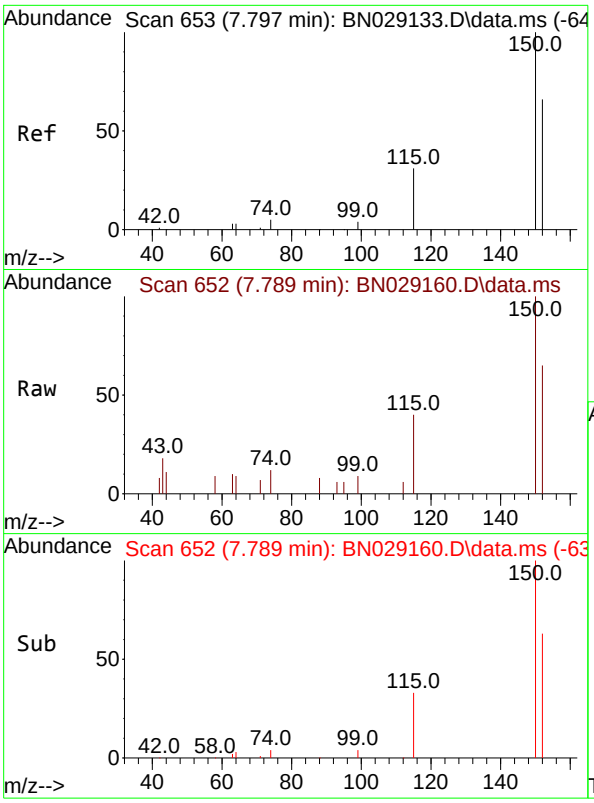
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029160.D
Acq On : 21 Dec 2023 20:55
Operator : MA/JU
Sample : 05719-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Quant Time: Dec 21 23:28:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration



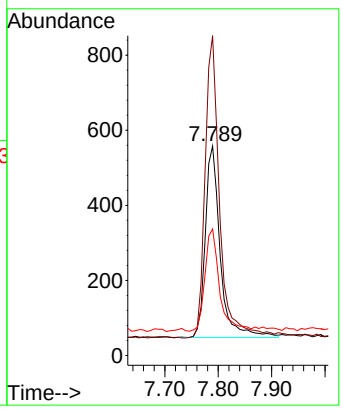


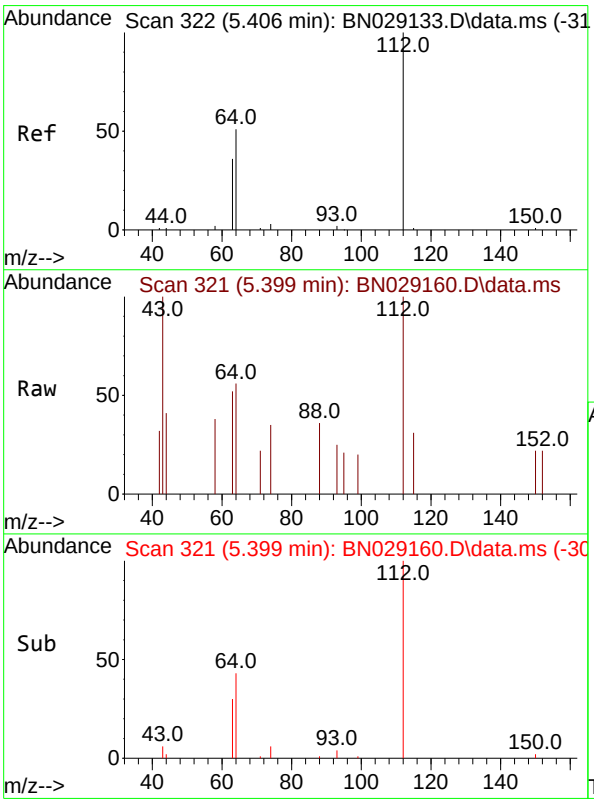
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:152 Resp: 995

Ion	Ratio	Lower	Upper
152	100		
150	152.7	117.6	176.4
115	60.4	44.2	66.2

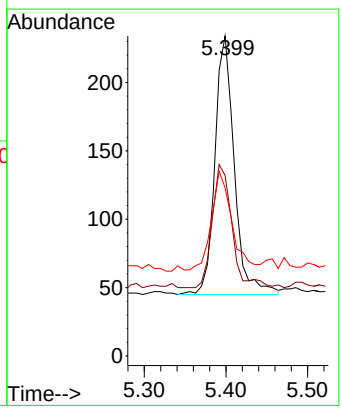


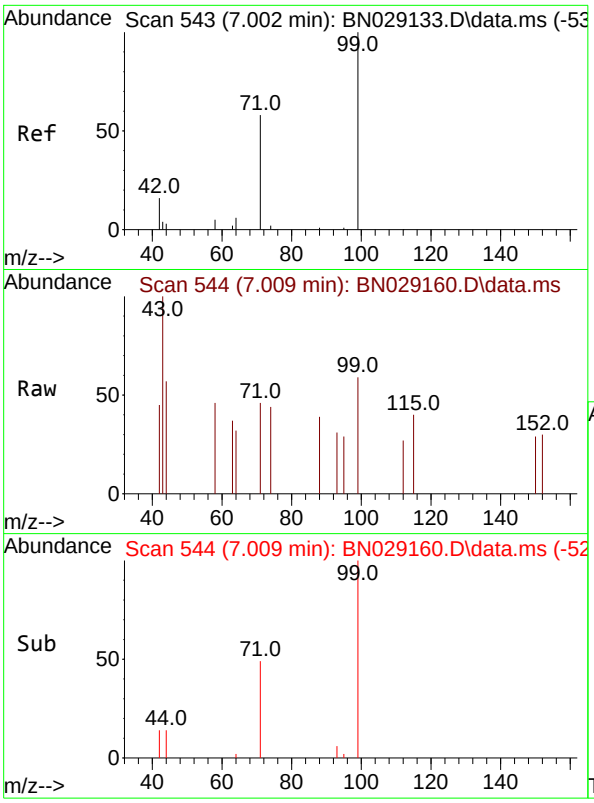


#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:112 Resp: 312

Ion	Ratio	Lower	Upper
112	100		
64	48.4	38.6	58.0
63	39.7	30.0	45.0



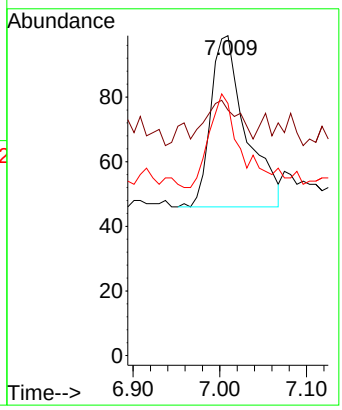


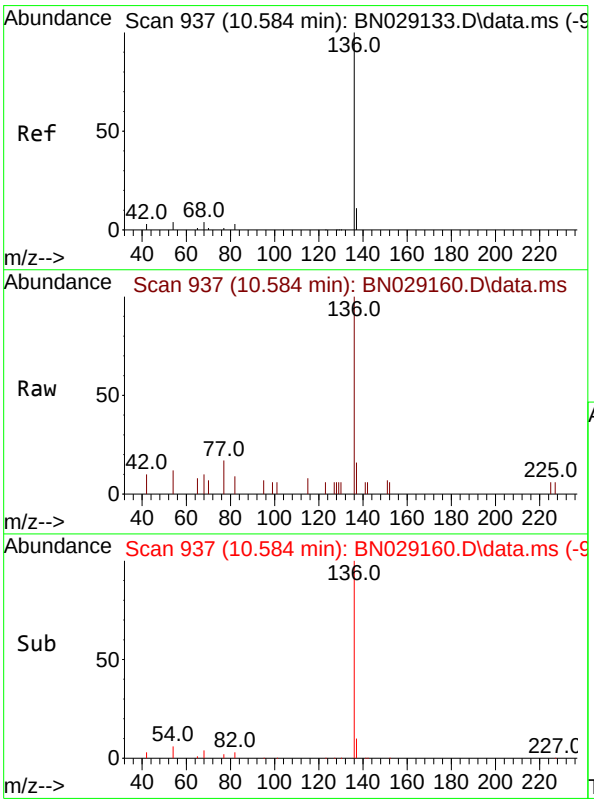
#5
Phenol-d6
Concen: 0.057 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion: 99 Resp: 149

Ion	Ratio	Lower	Upper
99	100		
42	25.5	13.8	20.6#
71	53.7	45.4	68.2

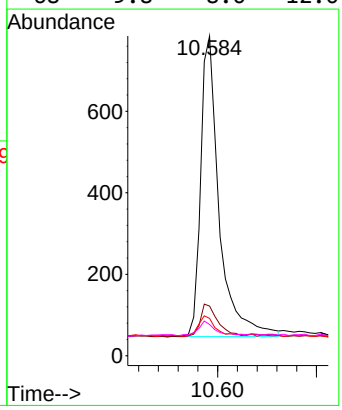


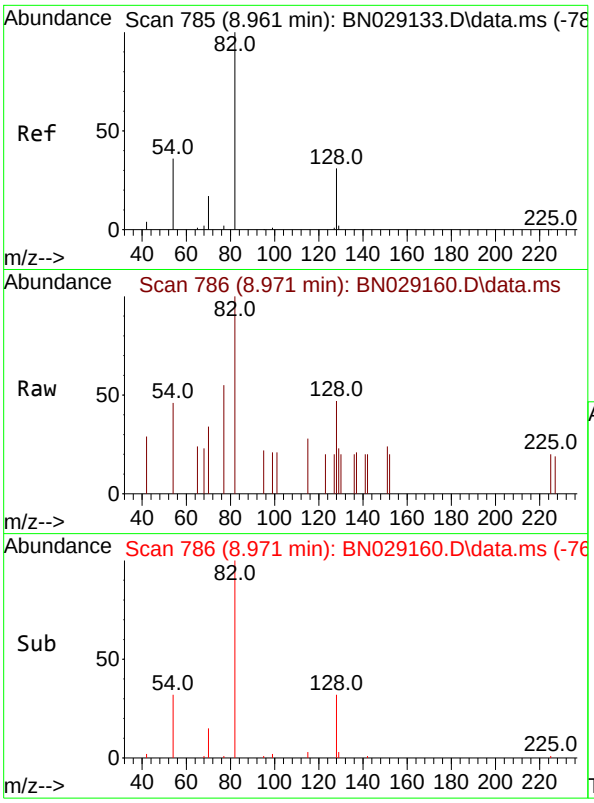


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:136 Resp: 1916

Ion	Ratio	Lower	Upper
136	100		
137	15.5	13.4	20.0
54	11.7	8.6	13.0
68	9.8	8.0	12.0



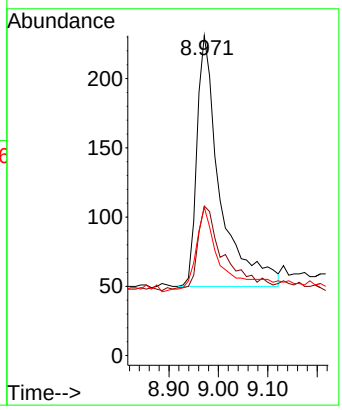


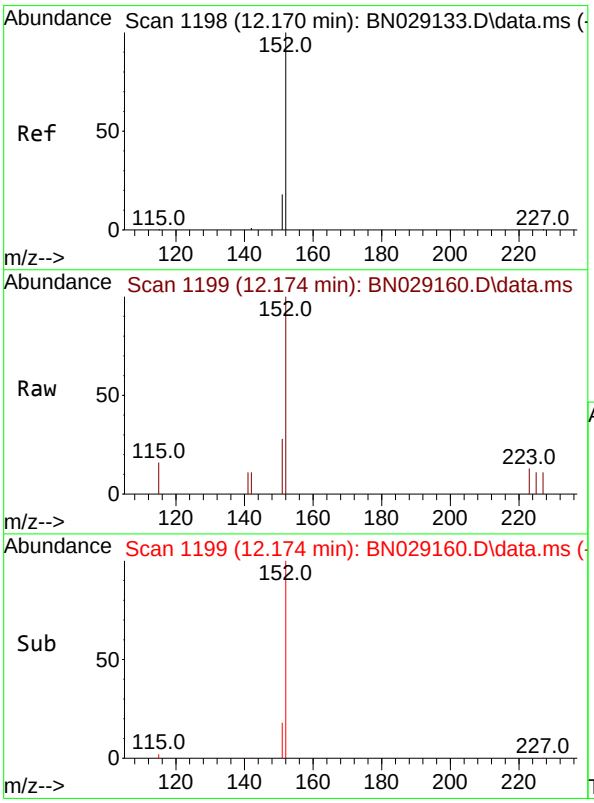
#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.971 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion: 82 Resp: 584

Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.0	49.4
54	46.3	35.8	53.8

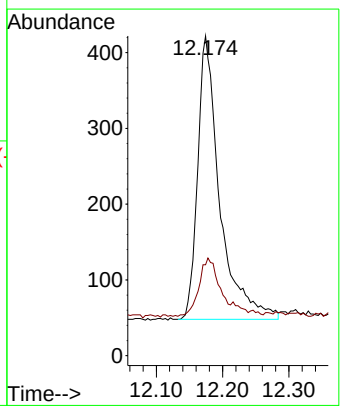


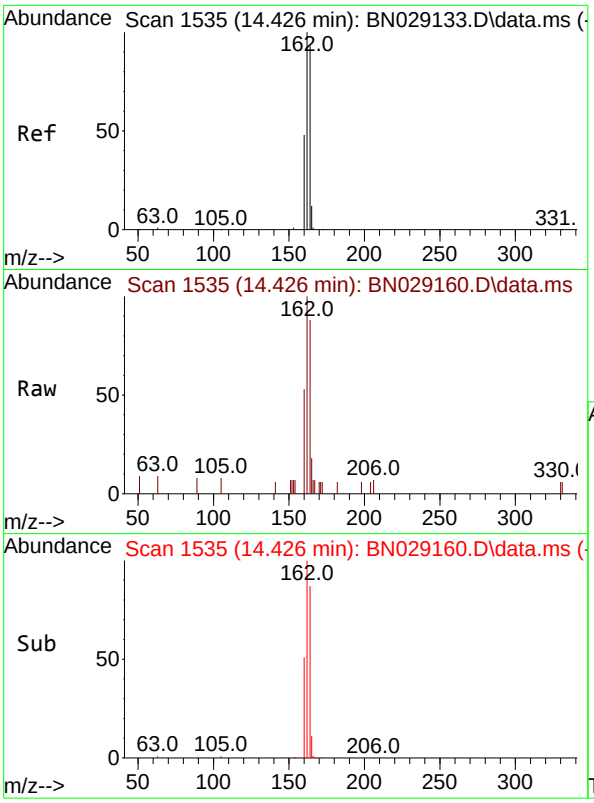


#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.174 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:152 Resp: 864

Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.4	26.2





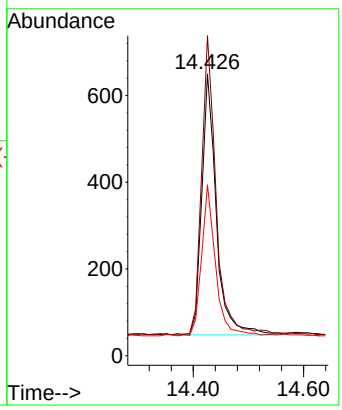
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1

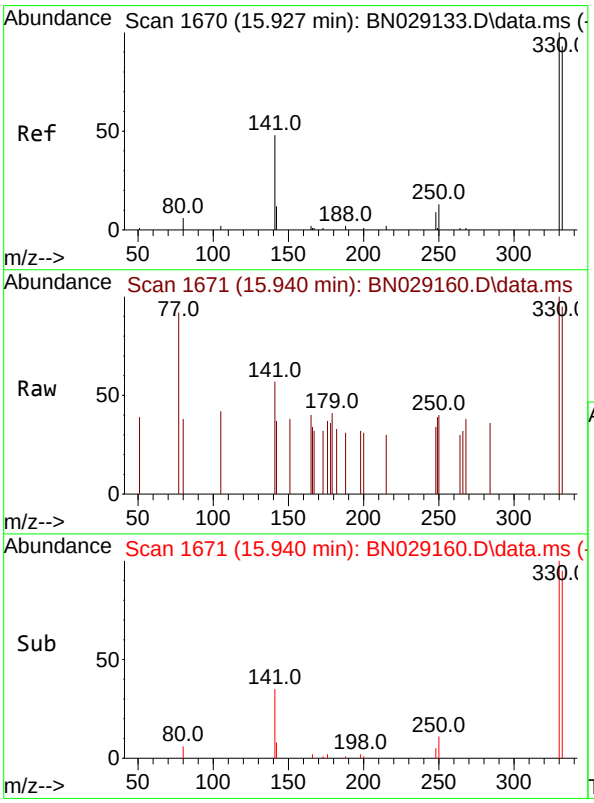
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:164 Resp: 1108

Ion	Ratio	Lower	Upper
164	100		
162	113.5	85.0	127.4
160	60.6	45.8	68.8

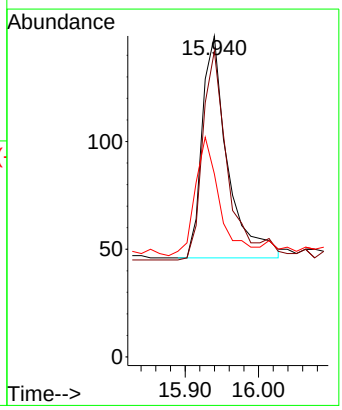


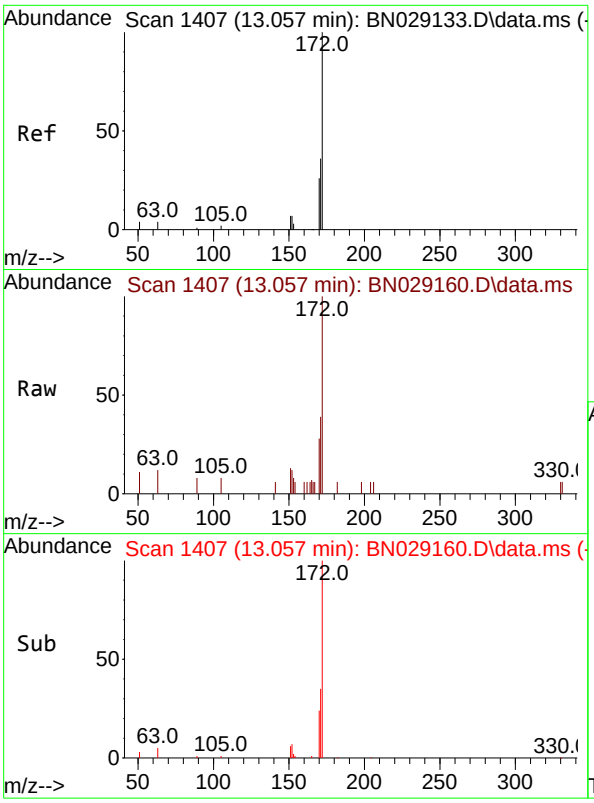


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:330 Resp: 249

Ion	Ratio	Lower	Upper
330	100		
332	94.4	83.4	125.0
141	51.4	43.8	65.8



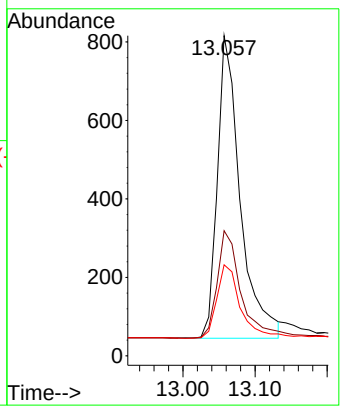


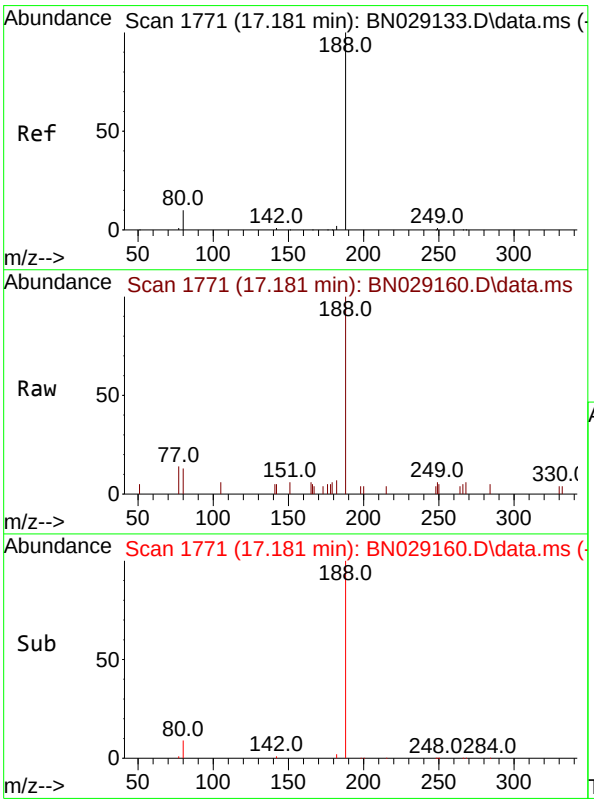
#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:172 Resp: 1693

Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.4
170	28.4	25.0	37.4

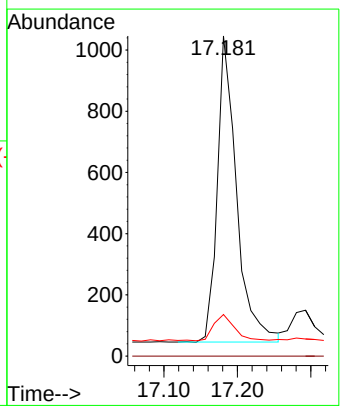


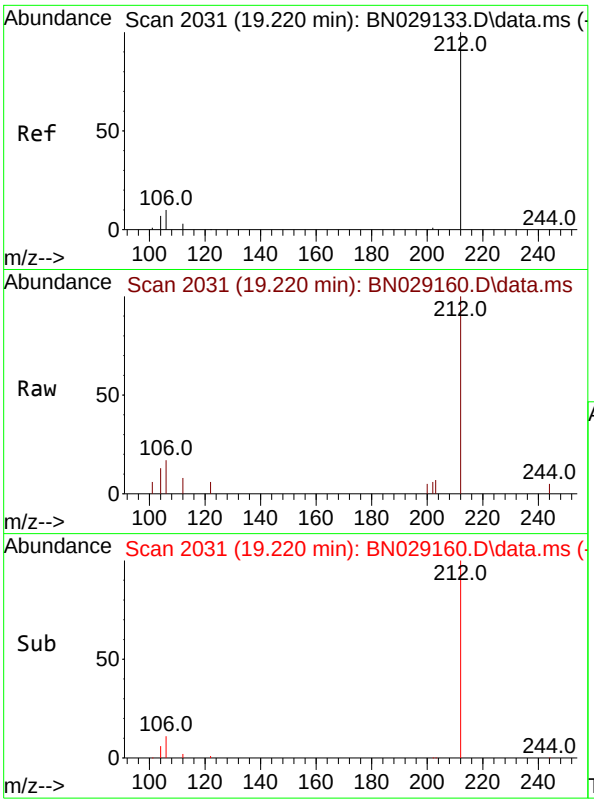


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:188 Resp: 1825

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	13.7	20.5#



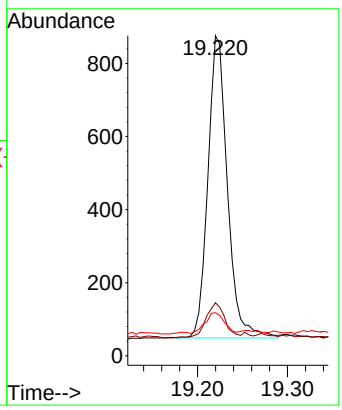


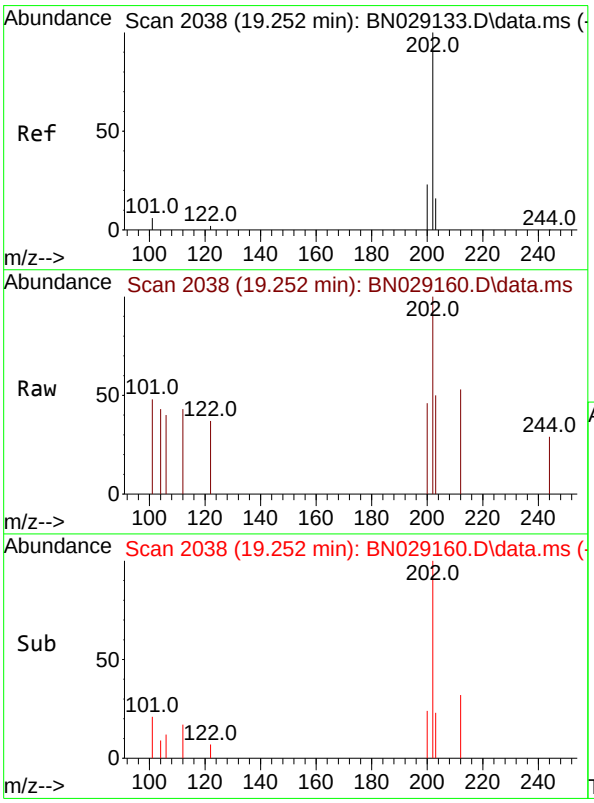
#27
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:212 Resp: 1246

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.6	14.4
104	6.7	6.5	9.7

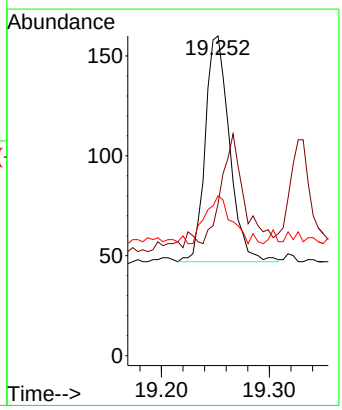


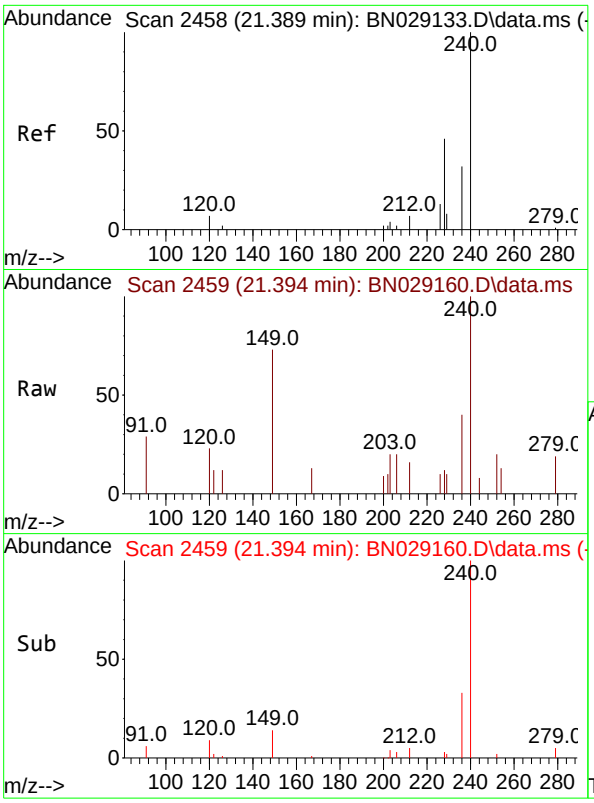


#28
Fluoranthene
Concen: 0.023 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:202 Resp: 176

Ion	Ratio	Lower	Upper
202	100		
101	44.9	5.3	7.9#
203	23.3	13.8	20.6#



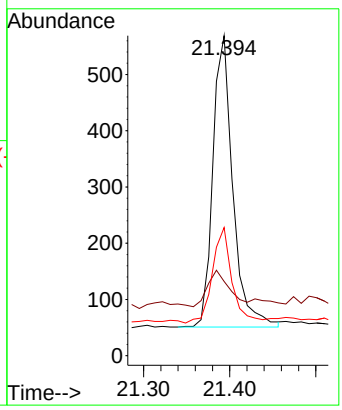


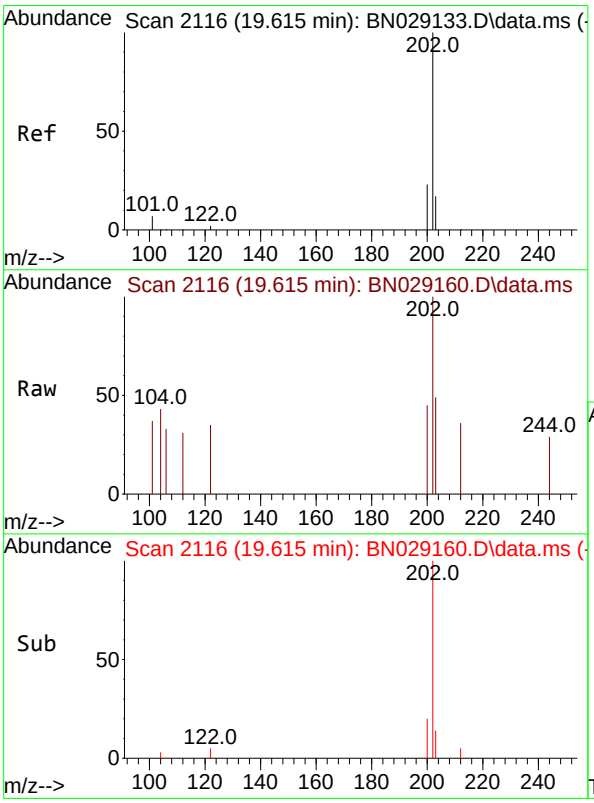
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.394 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:240 Resp: 833

Ion	Ratio	Lower	Upper
240	100		
120	23.2	21.4	32.0
236	40.1	33.5	50.3

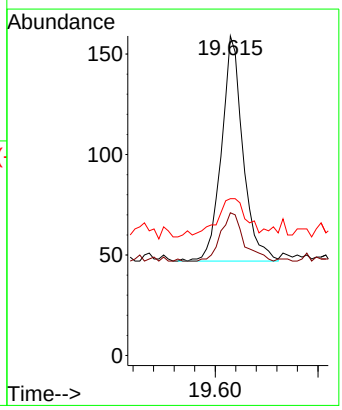


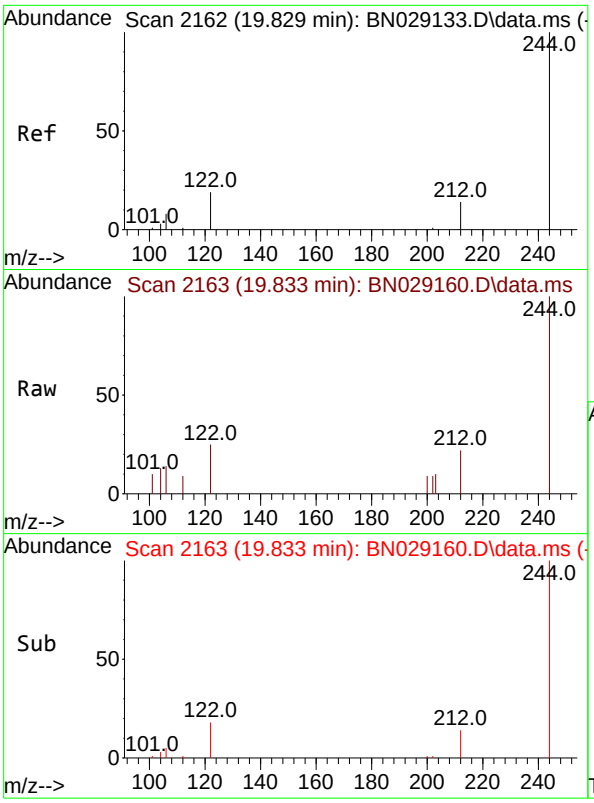


#30
Pyrene
Concen: 0.025 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:202 Resp: 162

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	22.8	15.1	22.7#



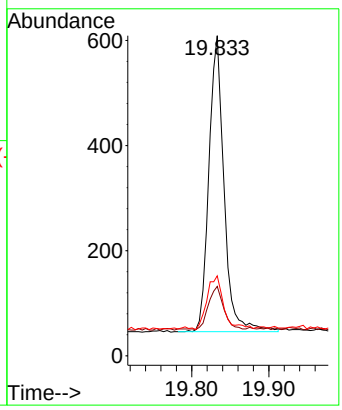


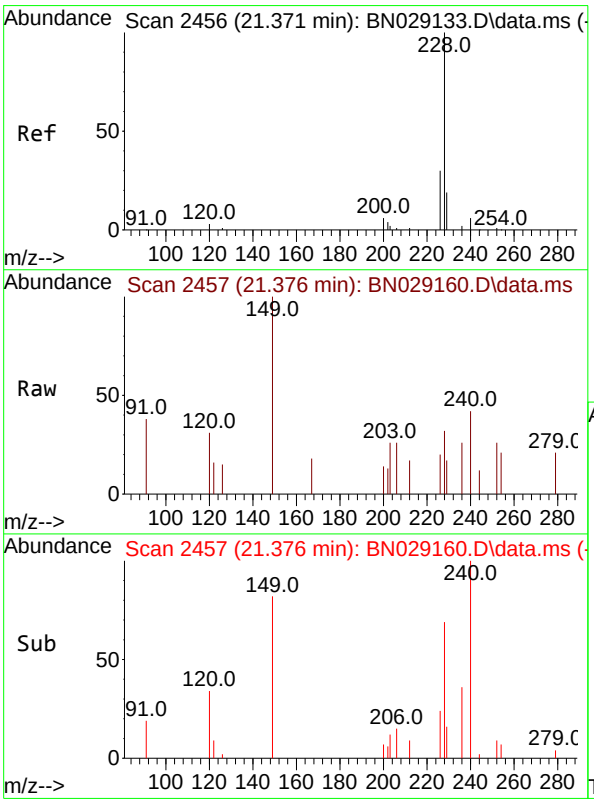
#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.833 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:244 Resp: 768

Ion	Ratio	Lower	Upper
244	100		
212	21.7	19.0	28.6
122	25.0	22.5	33.7

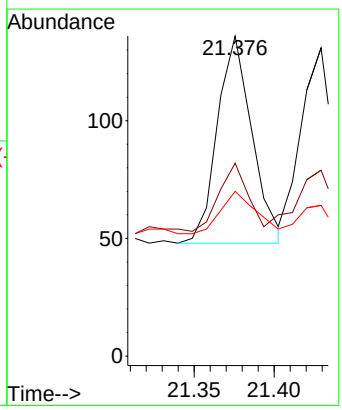


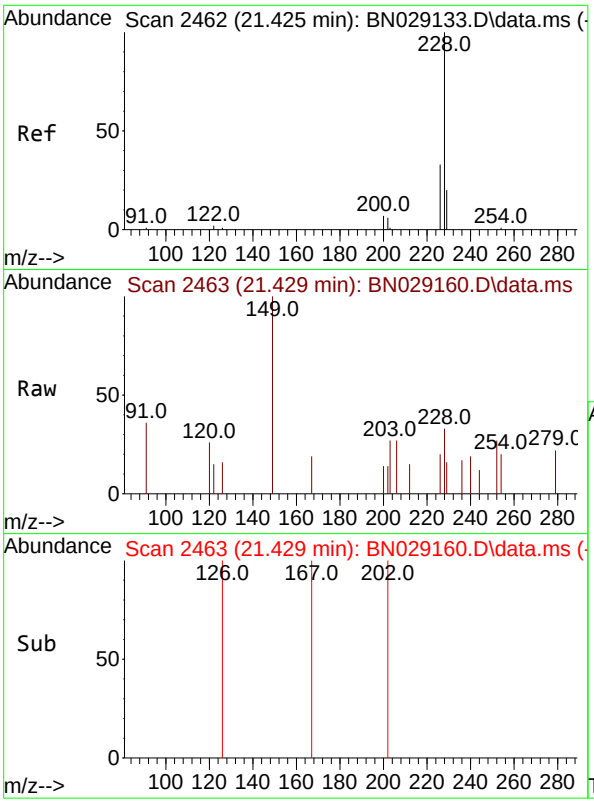


#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:228 Resp: 133

Ion	Ratio	Lower	Upper
228	100		
226	60.3	27.6	41.4#
229	51.5	19.4	29.0#



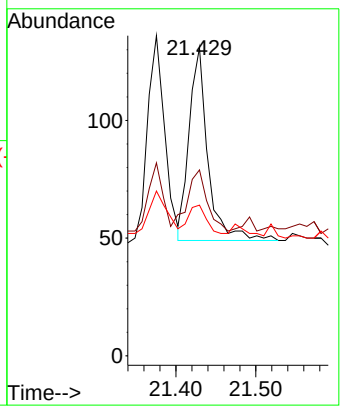


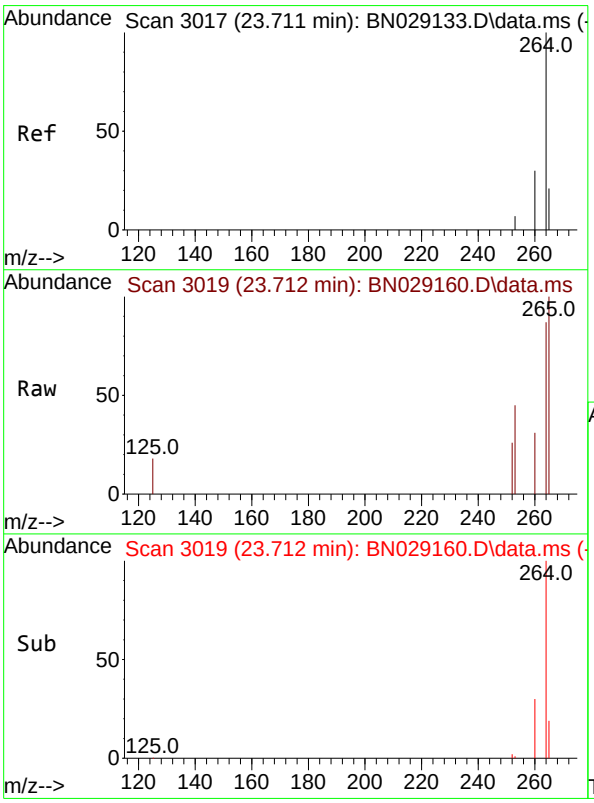
#33
Chrysene
Concen: 0.030 ng
RT: 21.429 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:228 Resp: 134

Ion	Ratio	Lower	Upper
228	100		
226	60.3	29.2	43.8#
229	48.9	19.3	28.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 3019
Delta R.T. 0.001 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:264 Resp: 1056

Ion	Ratio	Lower	Upper
264	100		
260	35.5	31.0	46.6
265	115.0	105.3	157.9