Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038383.D
Acq On : 13 Dec 2025 12:52
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B11

Quant Time: Dec 14 22:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5352	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13951	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6922	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12176	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10109	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10520	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2921	0.219	ng	0.00
5) Phenol-d6	6.879	99	3423	0.216	ng	0.00
8) Nitrobenzene-d5	8.875	82	2806	0.238	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	3791	0.193	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	756	0.246	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	8812	0.264	ng	0.00
27) Fluoranthene-d10	19.178	212	5934	0.197	ng	0.00
31) Terphenyl-d14	19.782	244	6177	0.274	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.186	178	1169	0.028	ng	# 94
28) Fluoranthene	19.211	202	1305	0.029	ng	# 91
30) Pyrene	19.573	202	1148	0.023	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.259	149	7318	0.342	ng	100

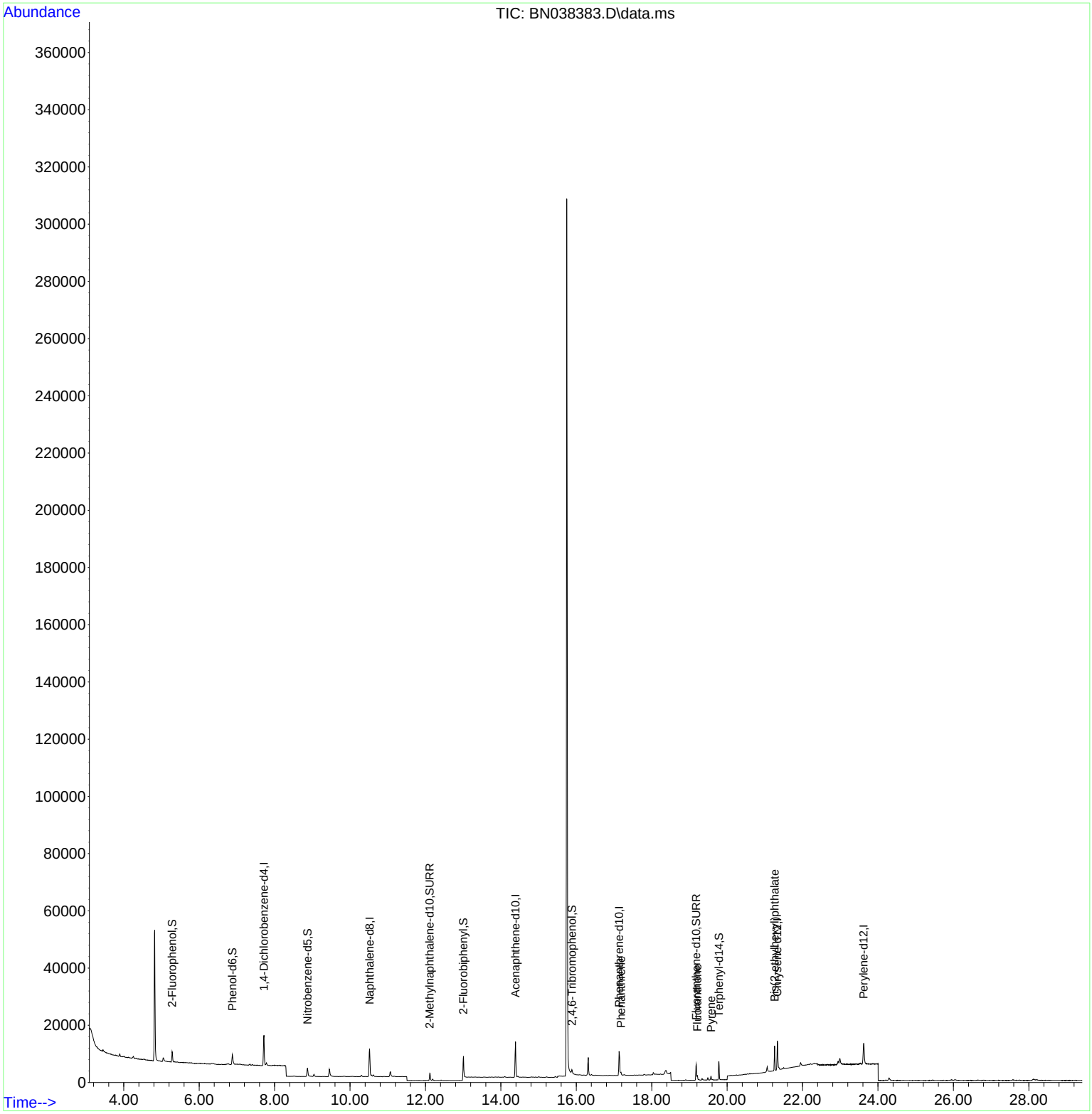
(#) = qualifier out of range (m) = manual integration (+) = signals summed

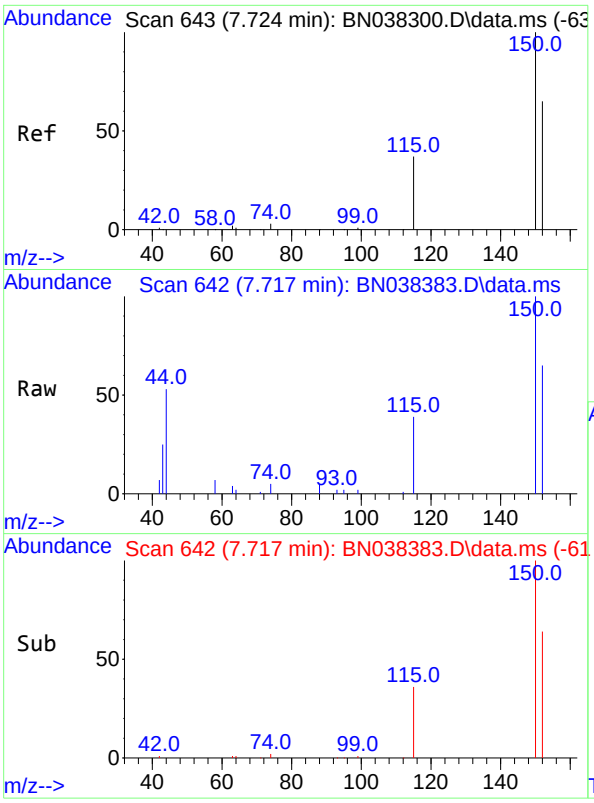
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038383.D
Acq On : 13 Dec 2025 12:52
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B11

Quant Time: Dec 14 22:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



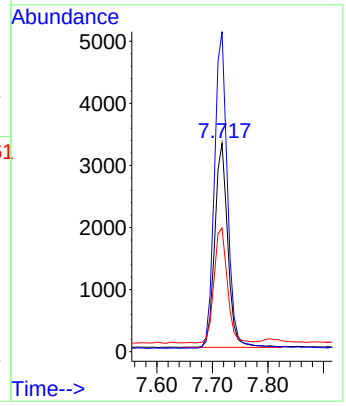


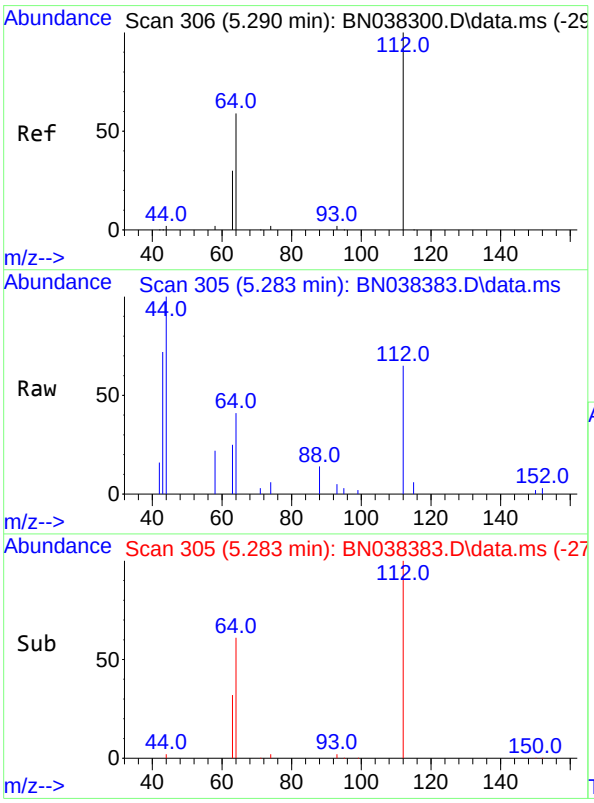
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:152 Resp: 5352

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.4	183.6
115	59.4	47.3	70.9

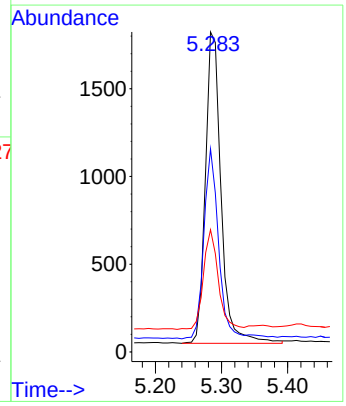


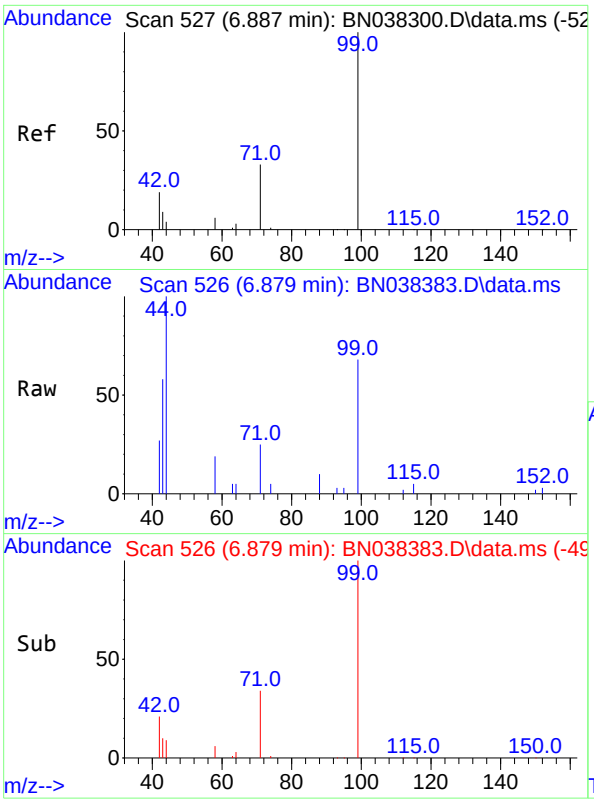


#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:112 Resp: 2921

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.4	66.6
63	30.5	23.4	35.0



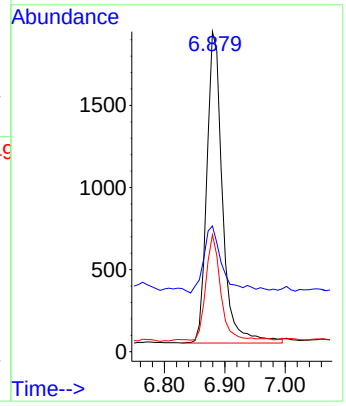


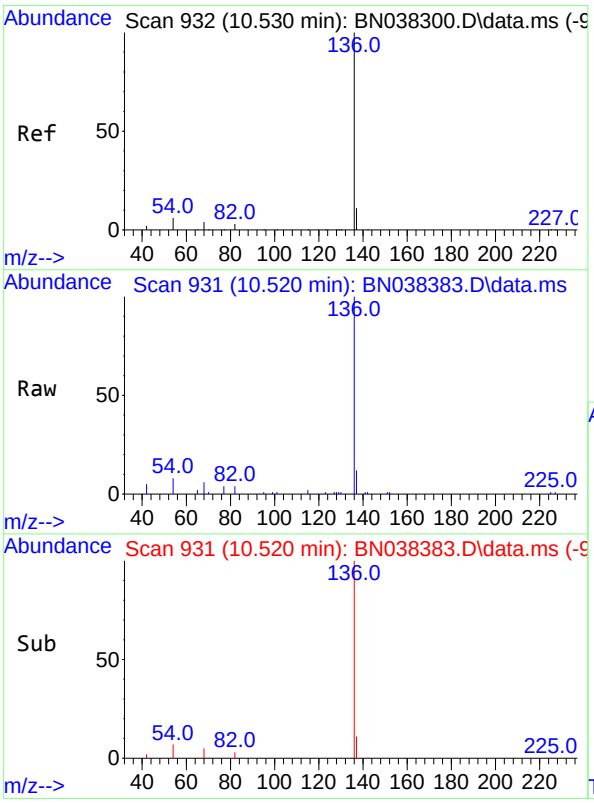
#5
Phenol-d6
Concen: 0.216 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion: 99 Resp: 3423

Ion	Ratio	Lower	Upper
99	100		
42	26.2	16.5	24.7#
71	32.3	24.9	37.3

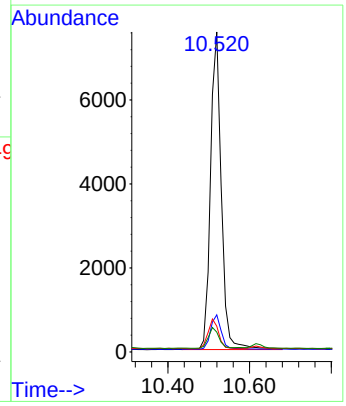


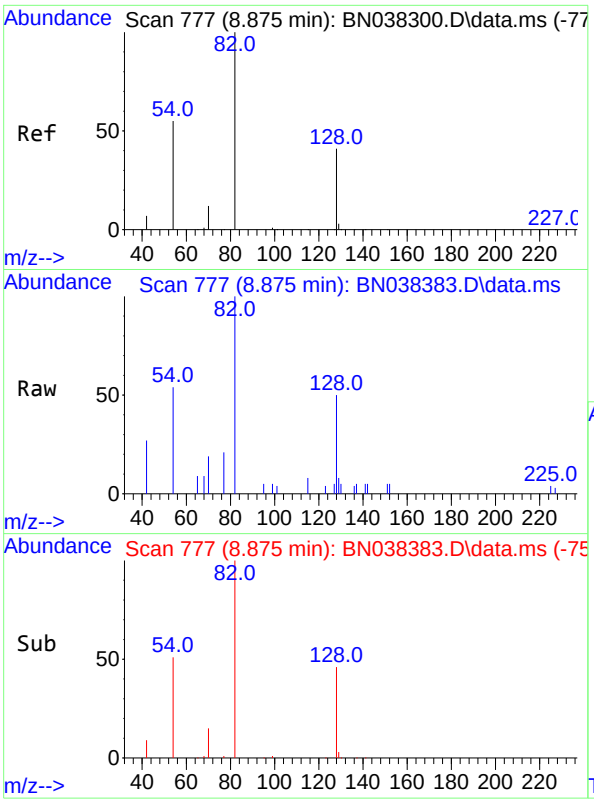


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:136 Resp: 13951

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.0	5.2	7.8#
68	6.2	4.1	6.1#



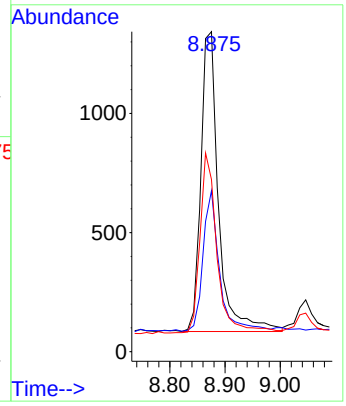


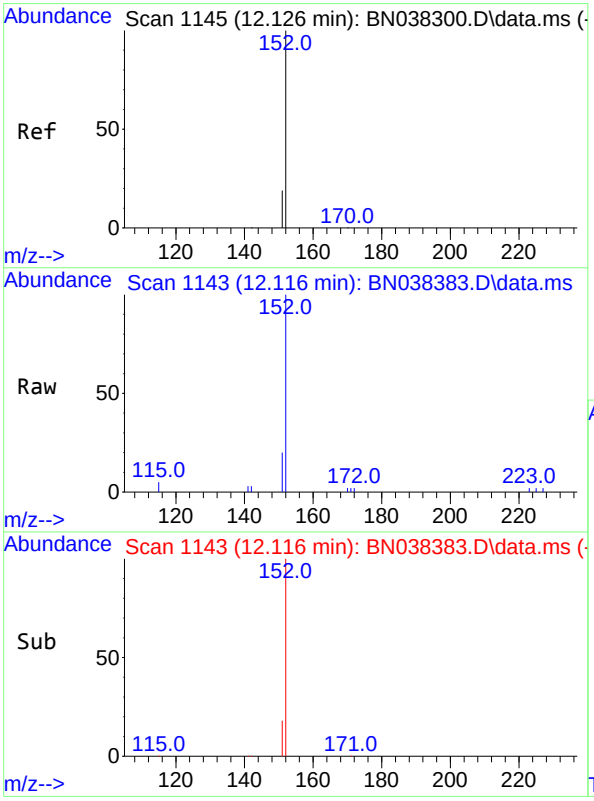
#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion: 82 Resp: 2806

Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.0	51.0
54	53.8	44.4	66.6

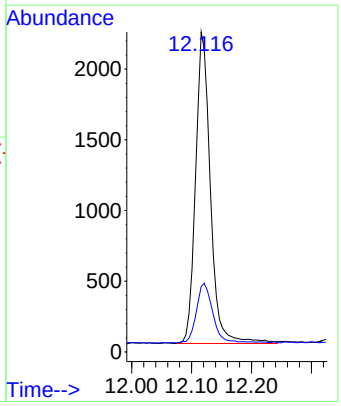


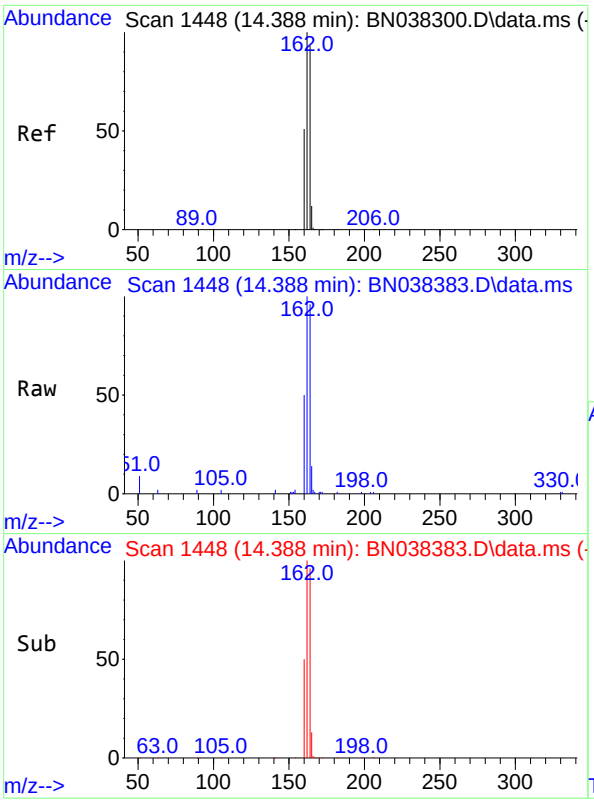


#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:152 Resp: 3791

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6



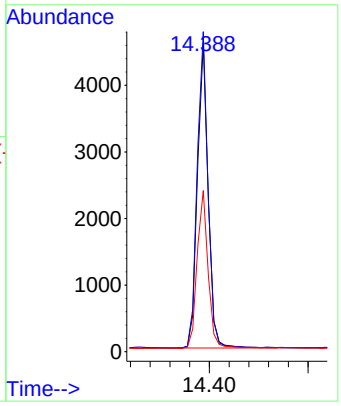


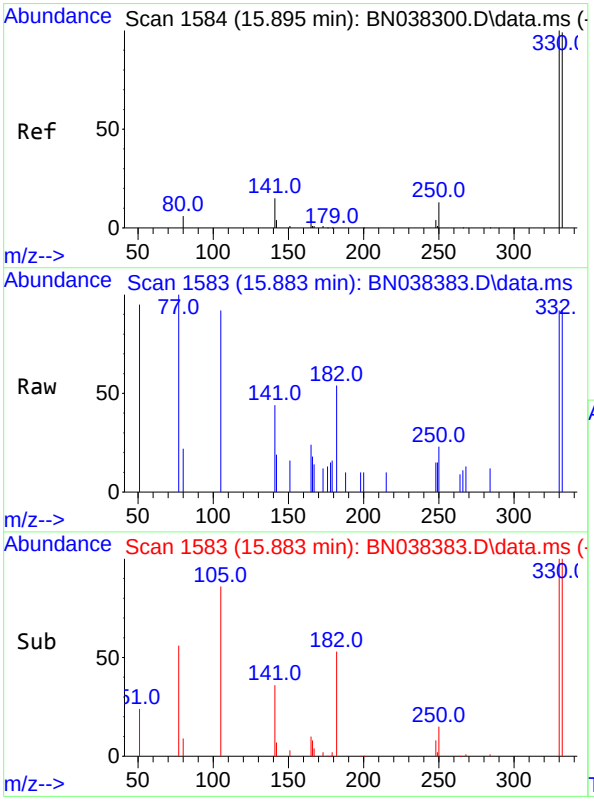
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:164 Resp: 6922

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.2	129.4
160	52.2	44.6	67.0

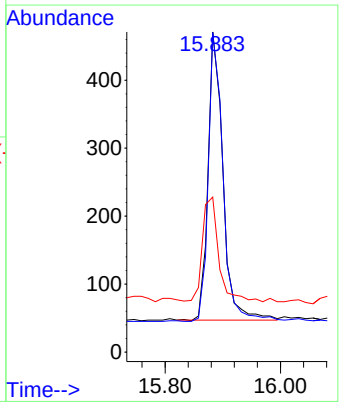


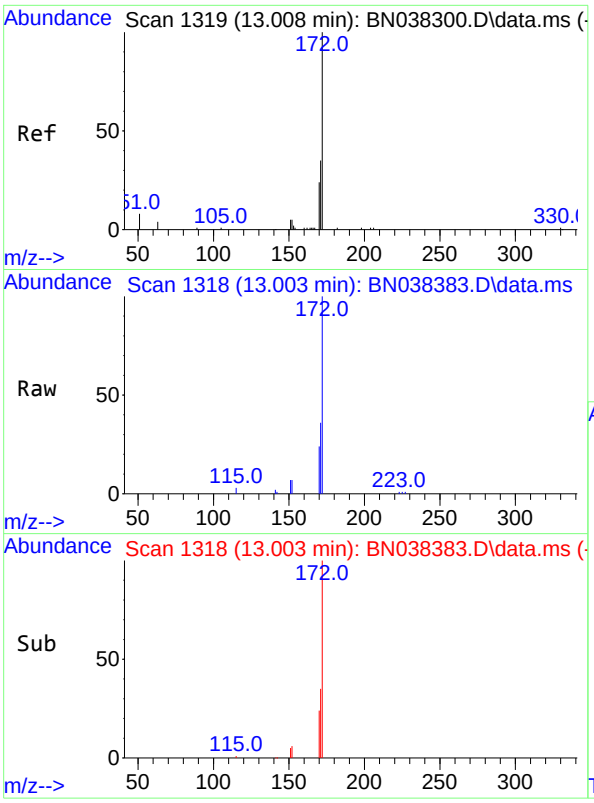


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:330 Resp: 756

Ion	Ratio	Lower	Upper
330	100		
332	99.7	75.8	113.6
141	41.0	31.8	47.8



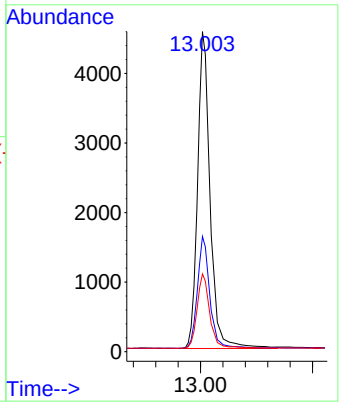


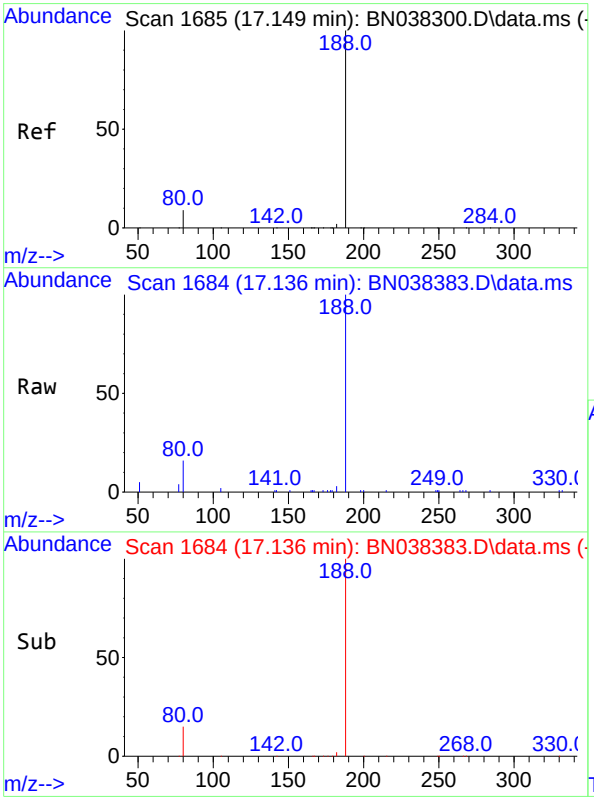
#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:172 Resp: 8812

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.3	19.3	28.9

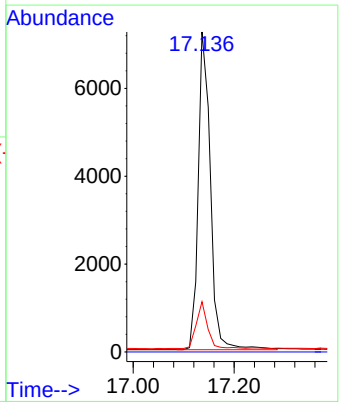


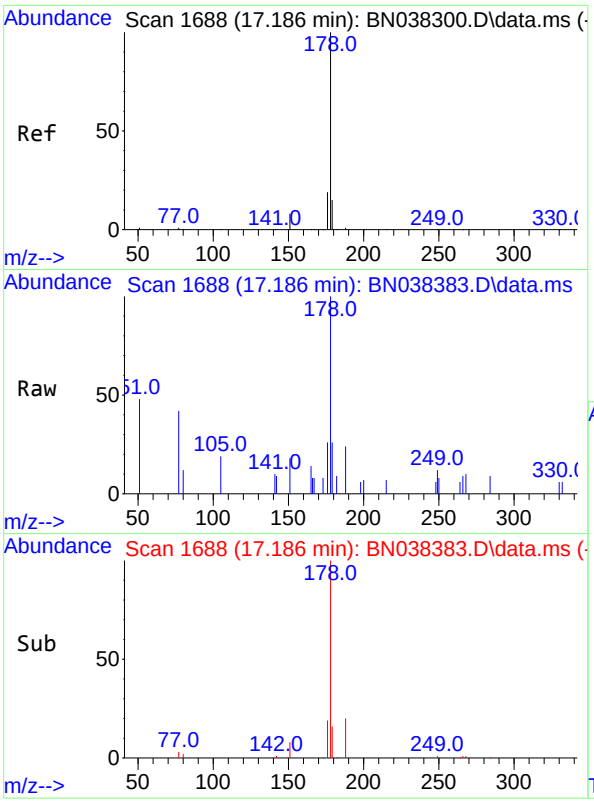


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:188 Resp: 12176

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	7.4	11.0#



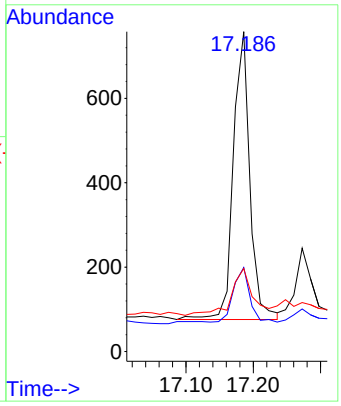


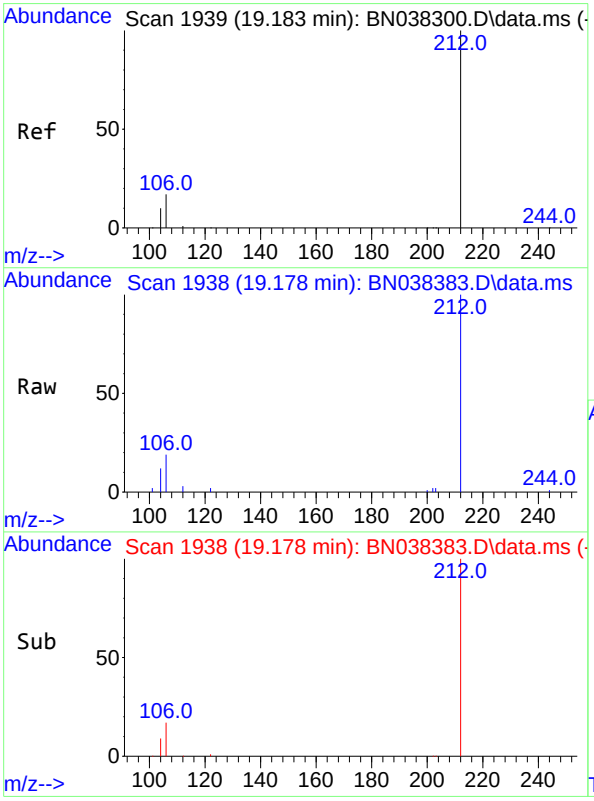
#25
Phenanthrene
Concen: 0.028 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:178 Resp: 1169

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	20.6	12.2	18.2#

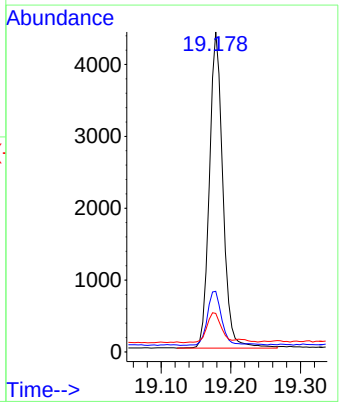


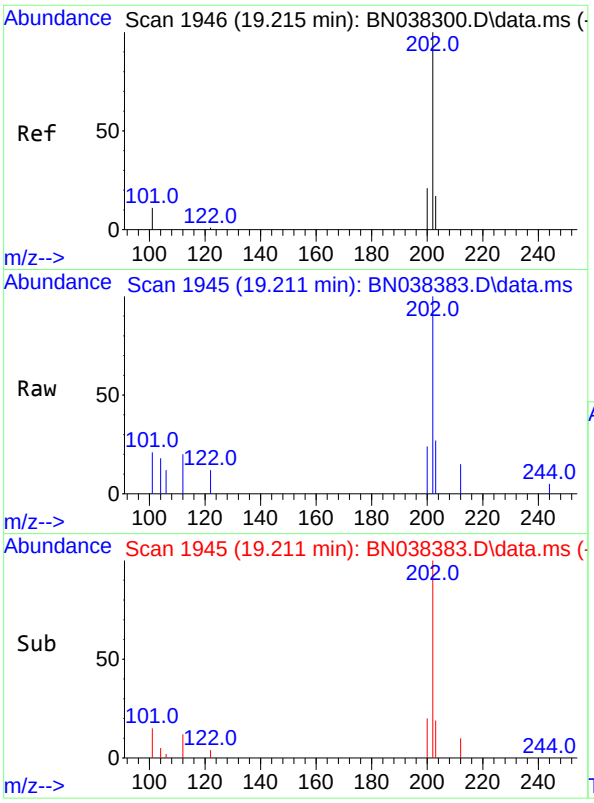


#27
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:212 Resp: 5934

Ion	Ratio	Lower	Upper
212	100		
106	17.9	13.7	20.5
104	10.0	7.8	11.8



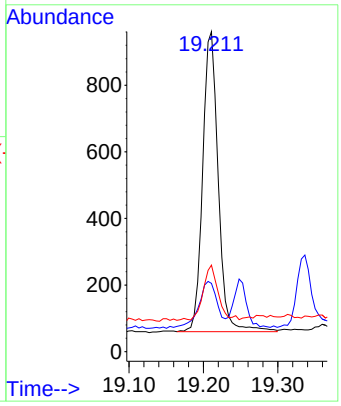


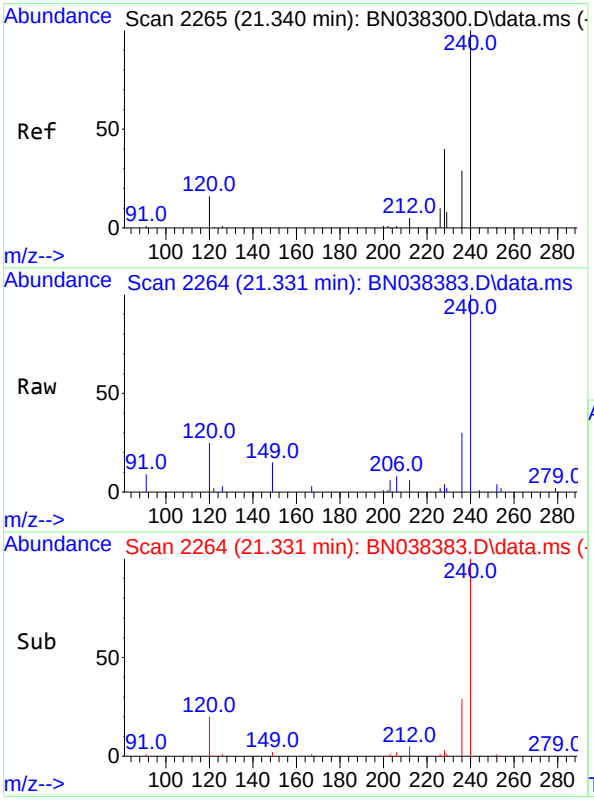
#28
Fluoranthene
Concen: 0.029 ng
RT: 19.211 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:202 Resp: 1305

Ion	Ratio	Lower	Upper
202	100		
101	19.0	9.6	14.4#
203	18.2	13.5	20.3

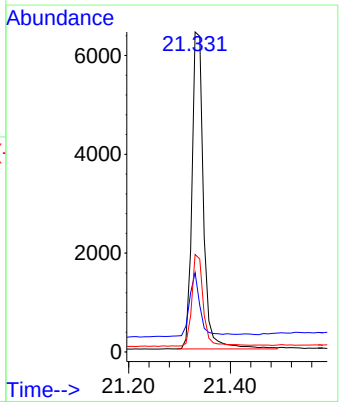


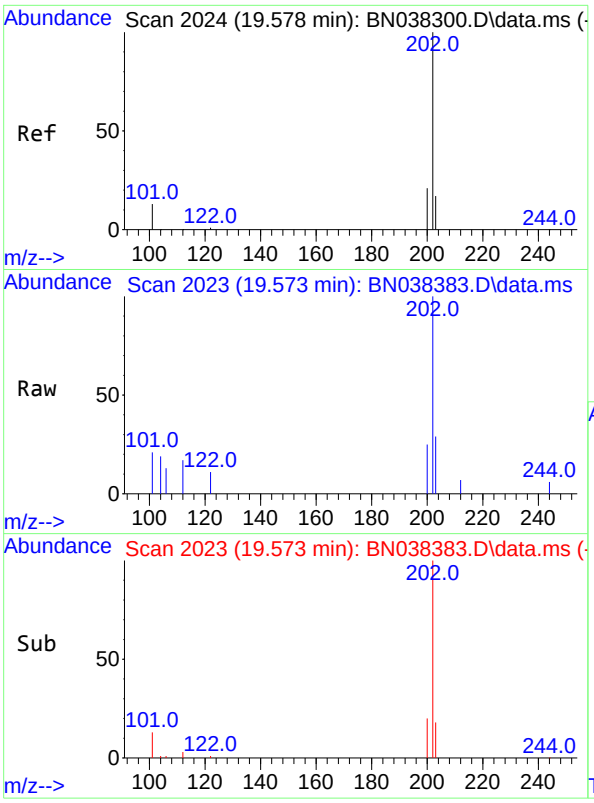


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:240 Resp: 10109

Ion	Ratio	Lower	Upper
240	100		
120	24.8	15.4	23.2#
236	30.4	23.9	35.9



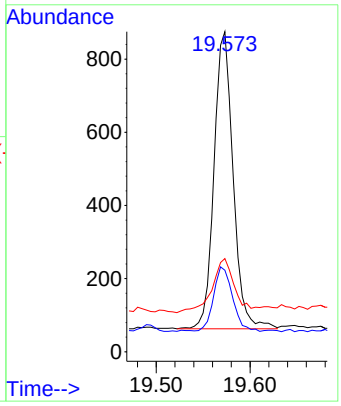


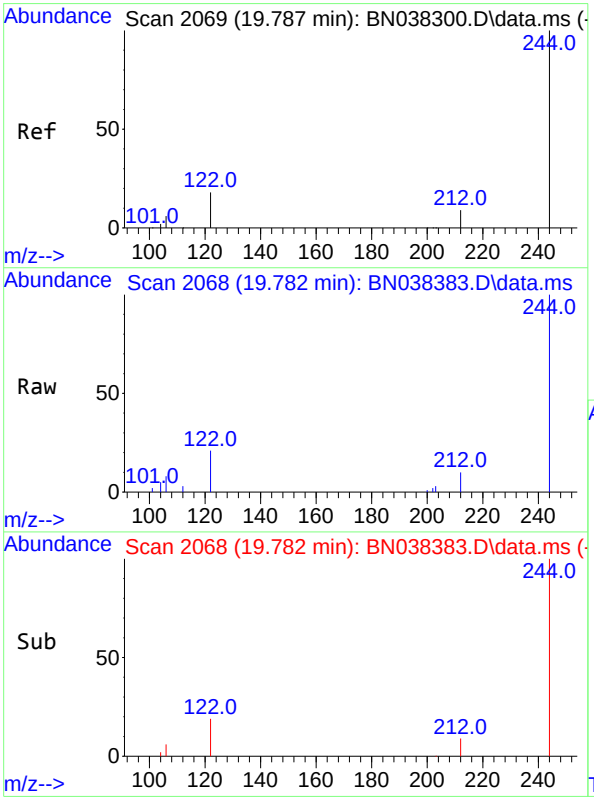
#30
Pyrene
Concen: 0.023 ng
RT: 19.573 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:202 Resp: 1148

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	21.7	14.2	21.2#

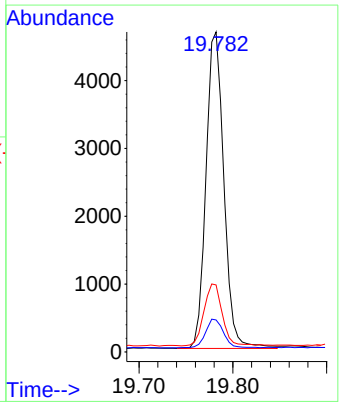


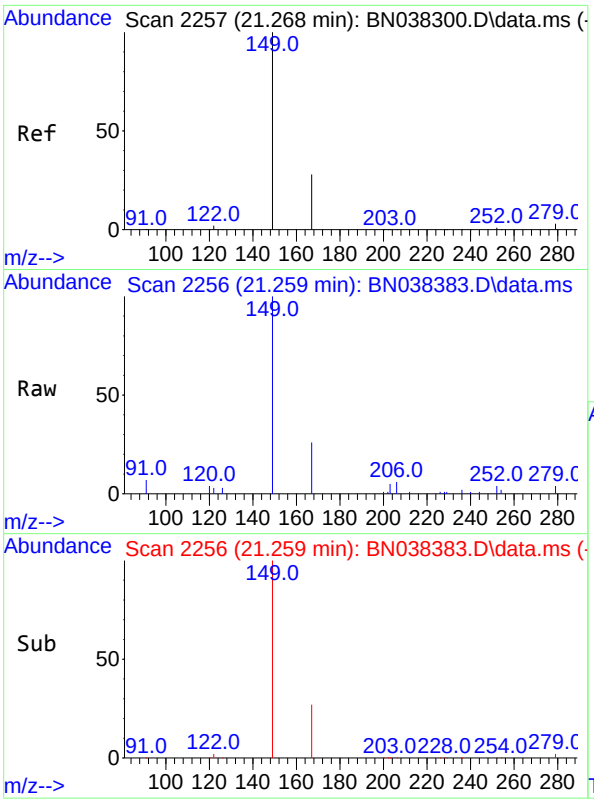


#31
Terphenyl-d14
Concen: 0.274 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:244 Resp: 6177

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	20.9	15.0	22.6



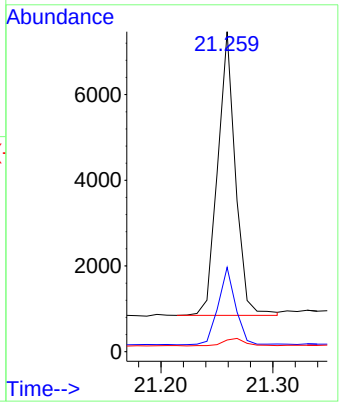


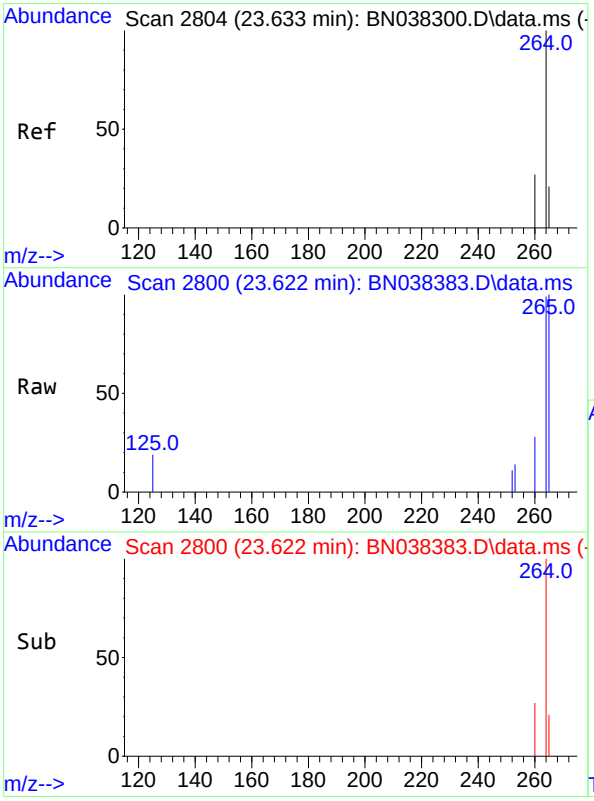
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Instrument :
BNA_N
ClientSampleId :
C0B11

Tgt Ion:149 Resp: 7318

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.3	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:264 Resp: 10520

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	100.7	80.2	120.2