Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038189.D
Acq On : 12 Nov 2025 13:09
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Nov 12 13:33:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8899	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29516	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	20929	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33471	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18239	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	16867	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	4410	0.210	ng	0.00
5) Phenol-d6	6.937	99	3293	0.129	ng	0.00
8) Nitrobenzene-d5	8.918	82	7960	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	17137	0.407	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	3777	0.438	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24835	0.296	ng	0.00
27) Fluoranthene-d10	19.220	212	27834	0.330	ng	0.00
31) Terphenyl-d14	19.819	244	23192	0.585	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	218035	23.713	ng	99
9) Naphthalene	10.626	128	13729	0.169	ng	95
30) Pyrene	19.610	202	2301	0.028	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.295	149	19975	0.583	ng	98

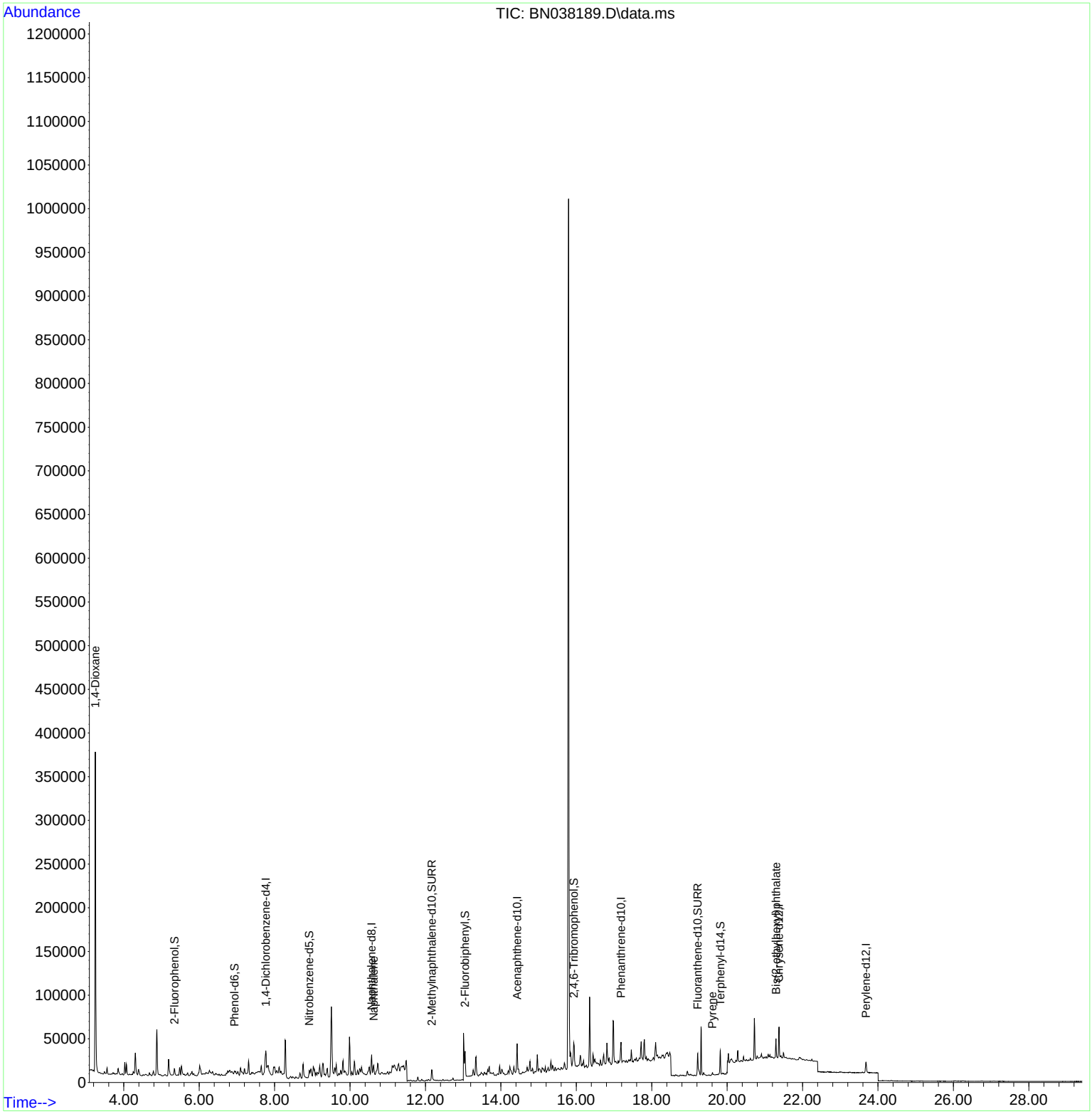
(#) = qualifier out of range (m) = manual integration (+) = signals summed

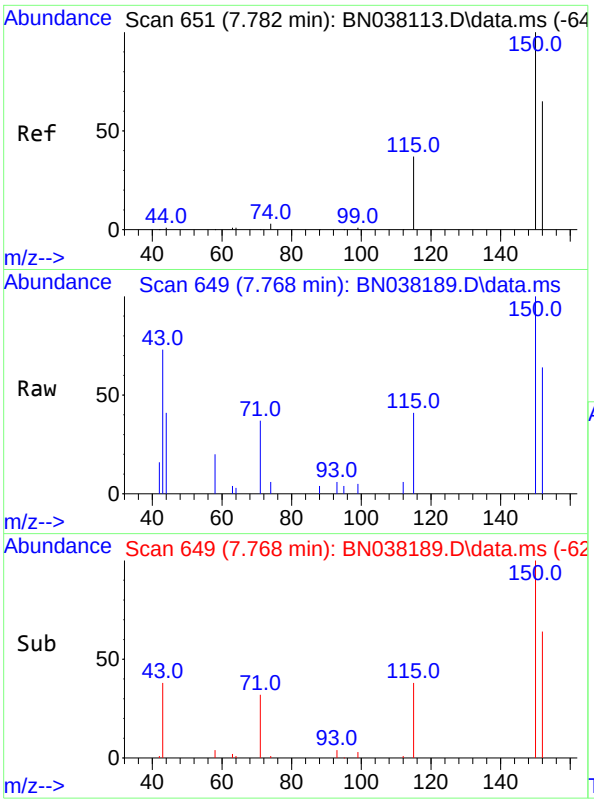
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038189.D
Acq On : 12 Nov 2025 13:09
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Nov 12 13:33:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



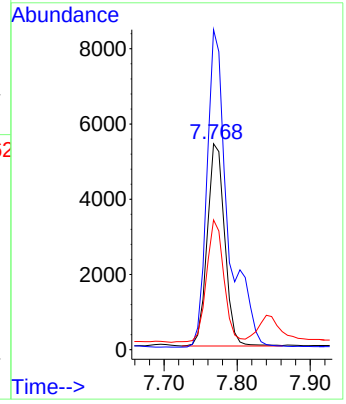


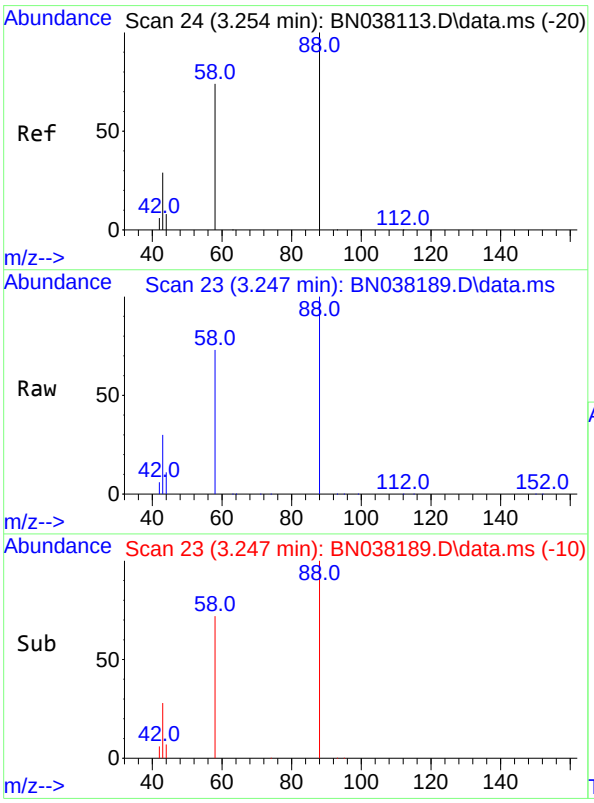
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 8899

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.3	183.5
115	63.0	47.4	71.0

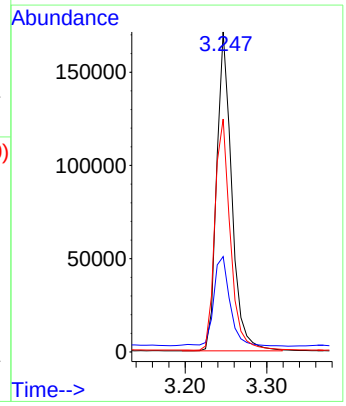


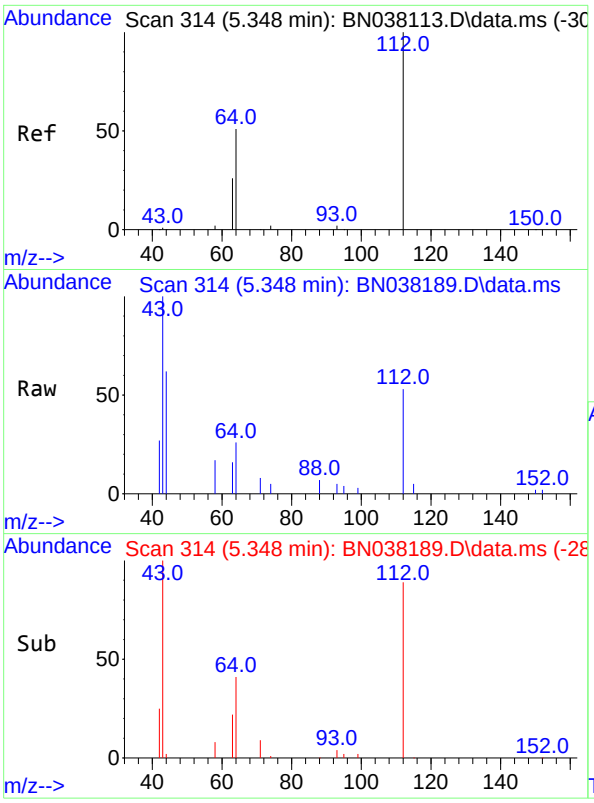


#2
1,4-Dioxane
Concen: 23.713 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 88 Resp: 218035

Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.3	36.5
58	74.8	60.4	90.6



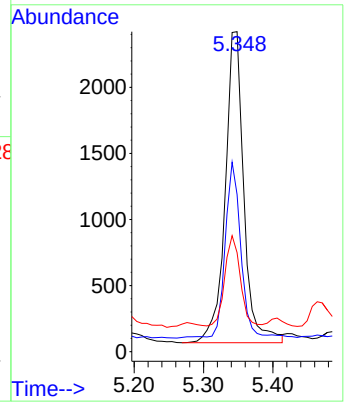


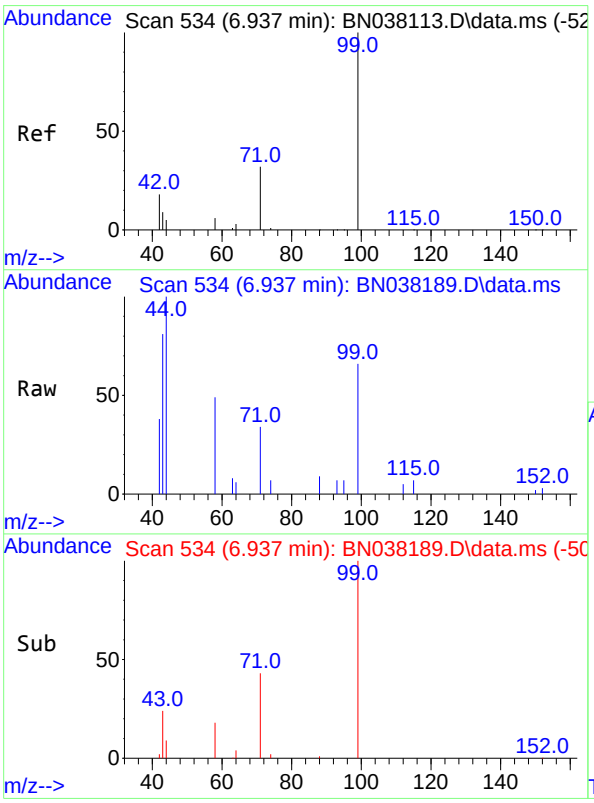
#4
2-Fluorophenol
Concen: 0.210 ng
RT: 5.348 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 4410

Ion	Ratio	Lower	Upper
112	100		
64	47.8	45.4	68.0
63	24.8	23.2	34.8

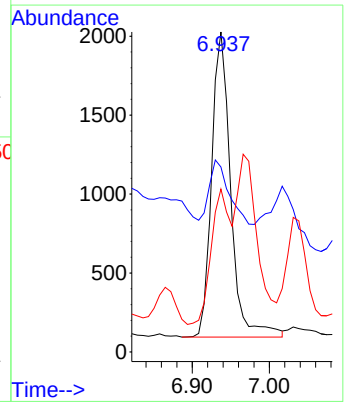


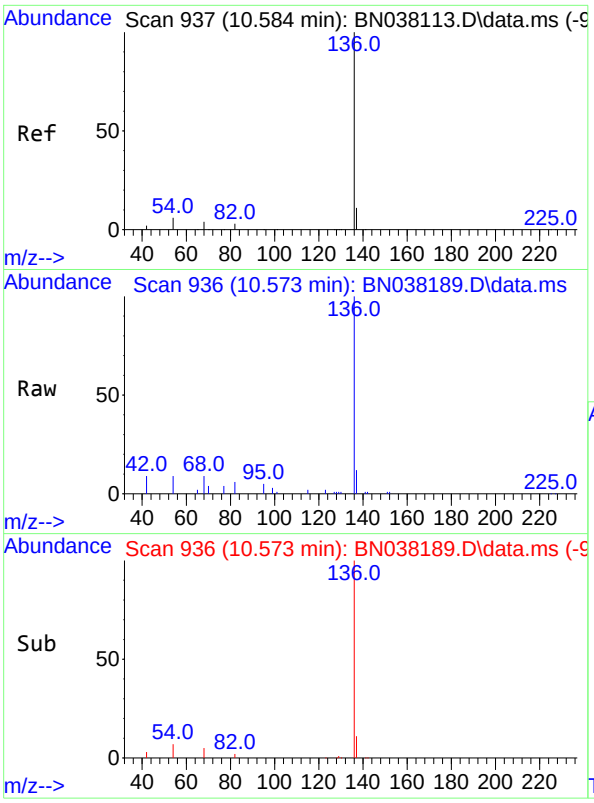


#5
Phenol-d6
Concen: 0.129 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 99 Resp: 3293

Ion	Ratio	Lower	Upper
99	100		
42	25.8	16.6	24.8#
71	45.8	25.4	38.2#



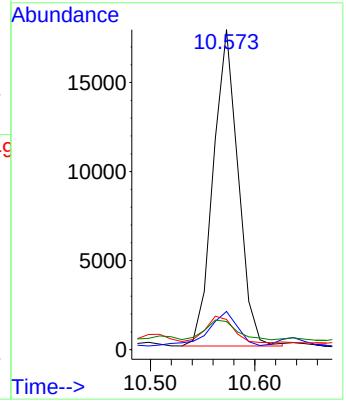


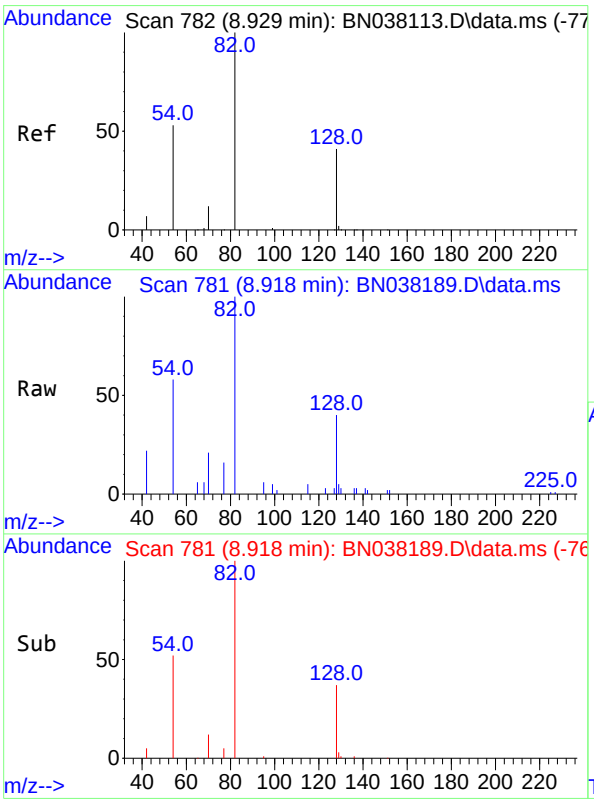
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 29516

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	9.5	5.2	7.8#
68	8.8	4.1	6.1#

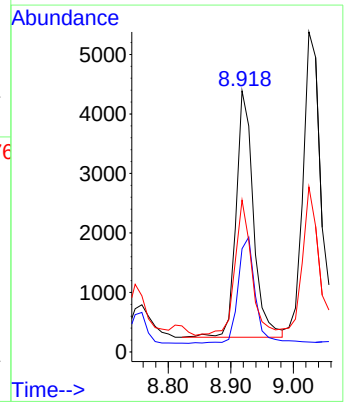


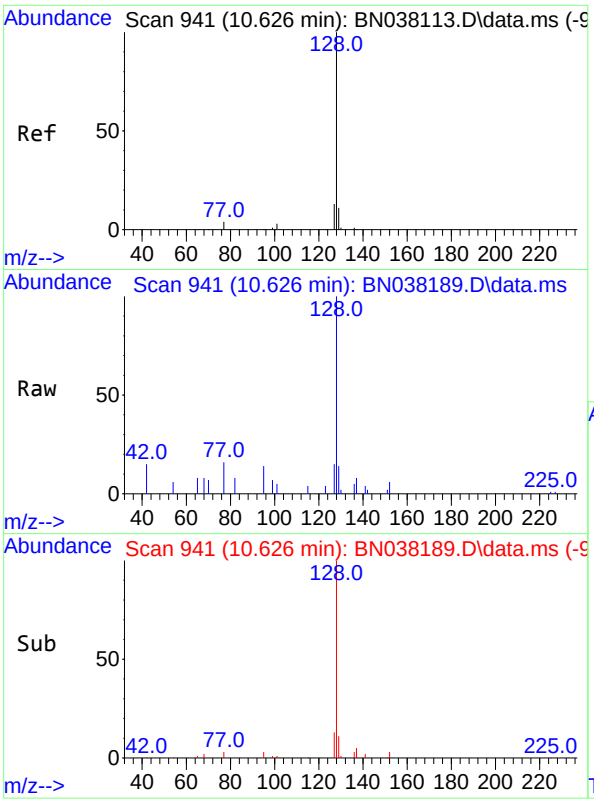


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 82 Resp: 7960

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.1	51.1
54	58.2	43.5	65.3



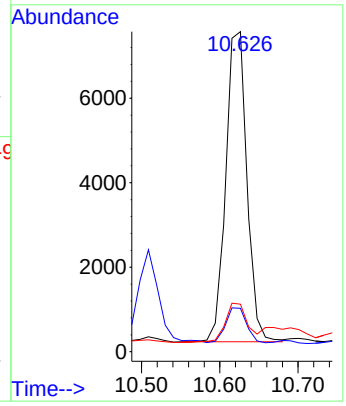


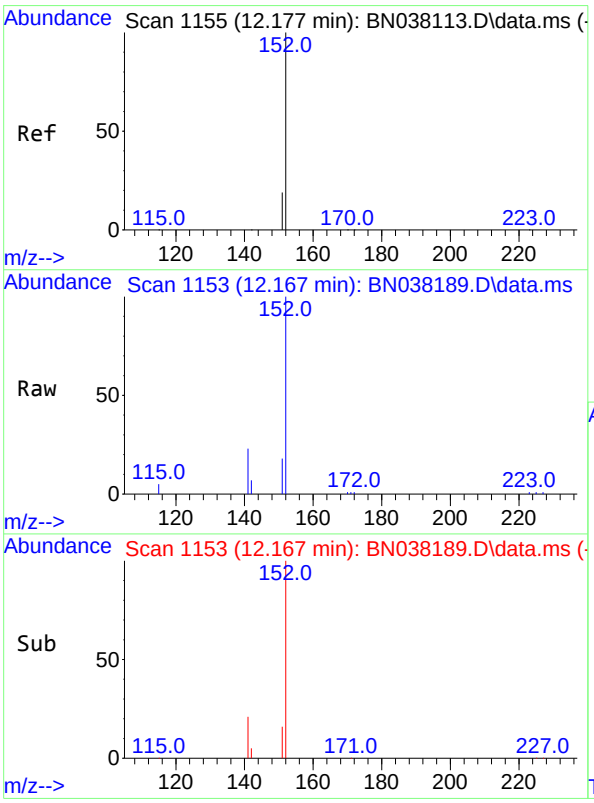
#9
Naphthalene
Concen: 0.169 ng
RT: 10.626 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 13729

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	14.9	10.5	15.7

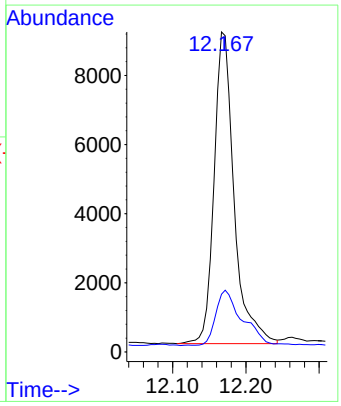


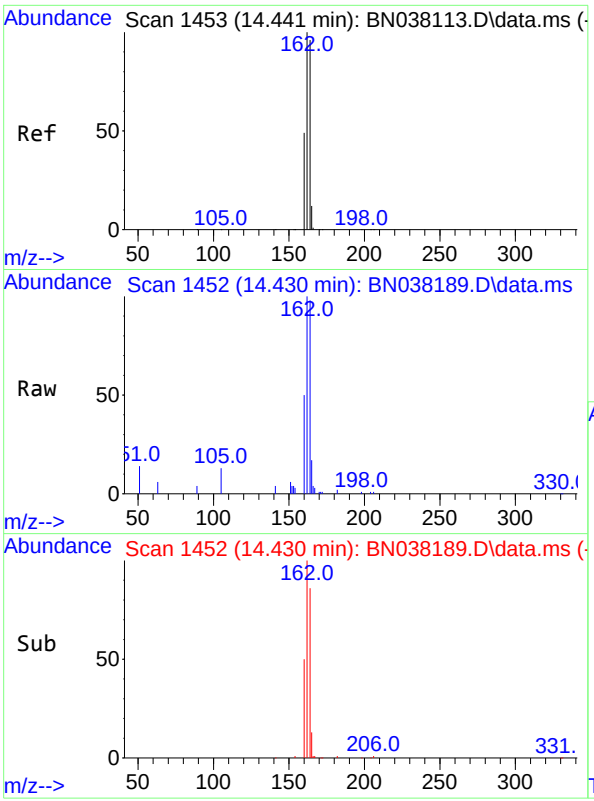


#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:152 Resp: 17137

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.8	25.2



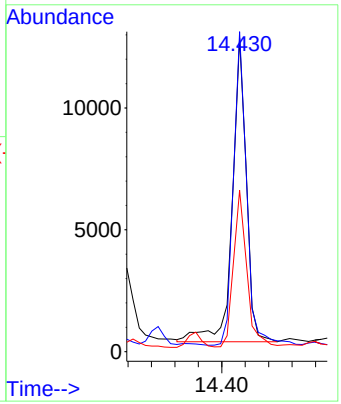


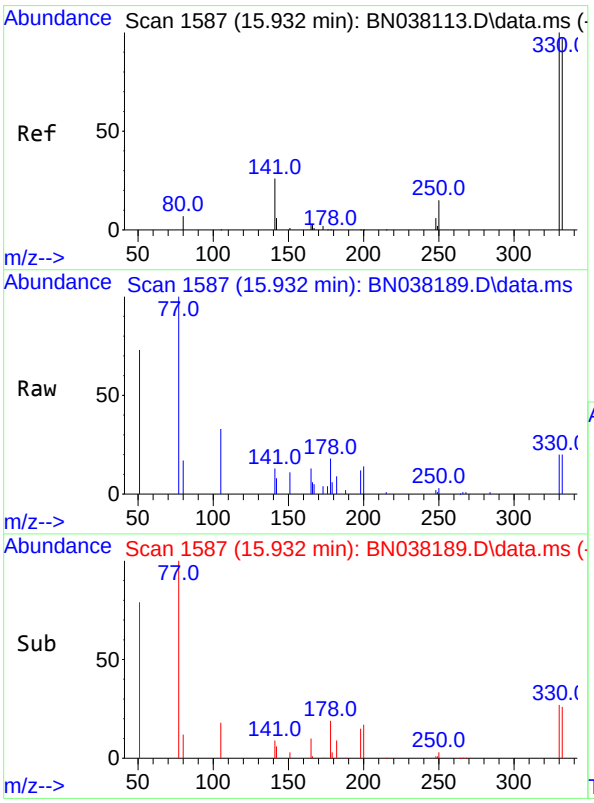
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 20929

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.4
160	51.5	40.7	61.1

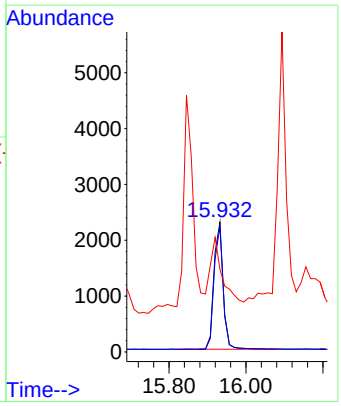


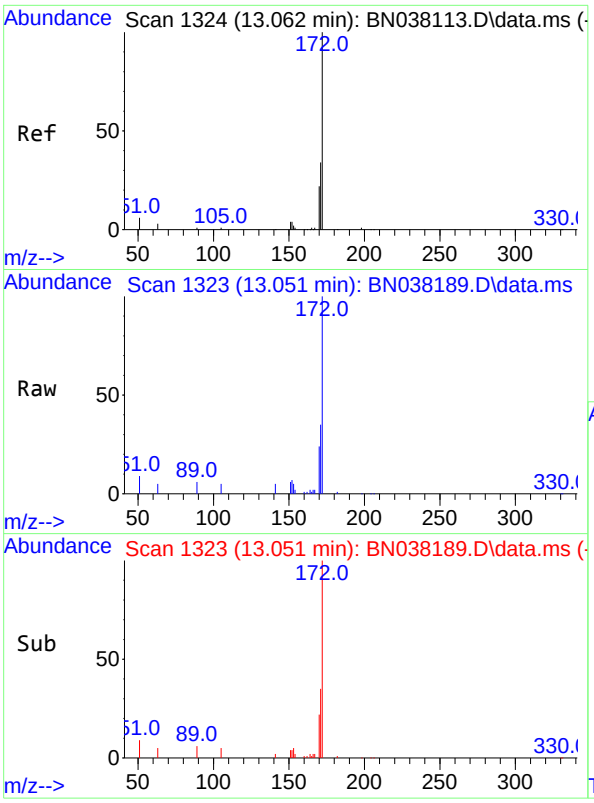


#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:330 Resp: 3777

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	64.8	34.1	51.1#



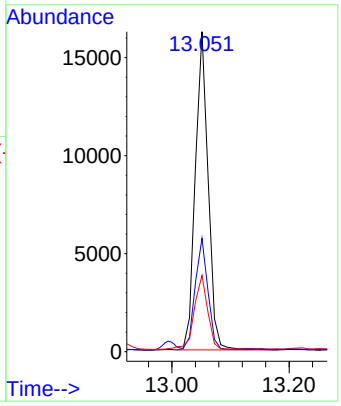


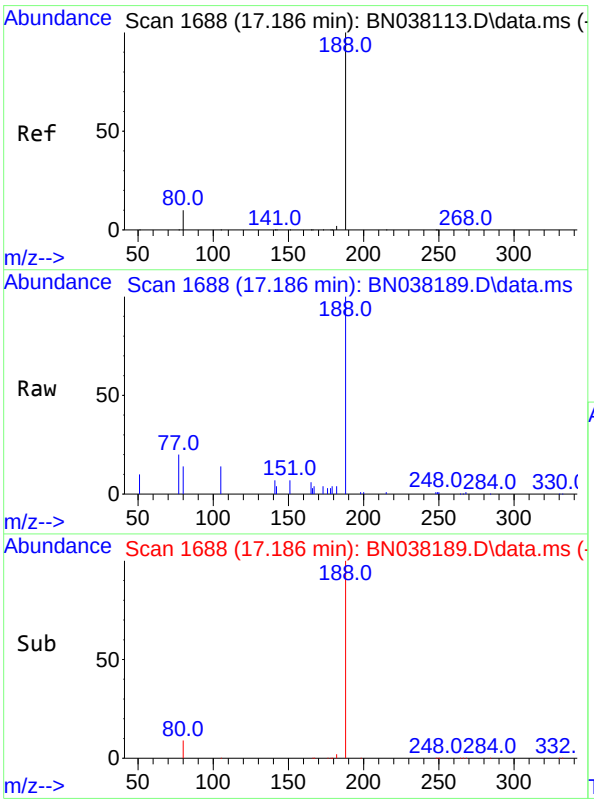
#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 24835

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.8	18.1	27.1

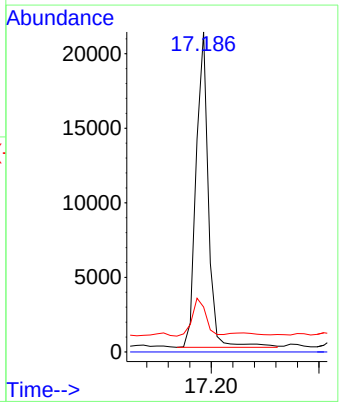


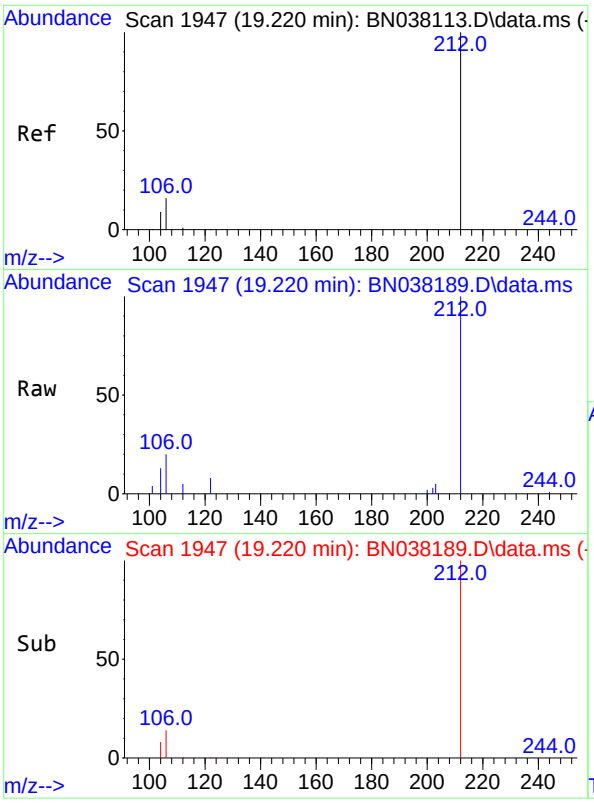


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:188 Resp: 33471

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	8.6	13.0#



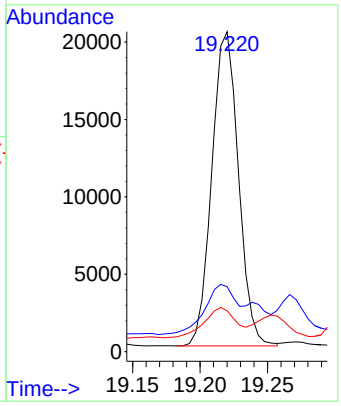


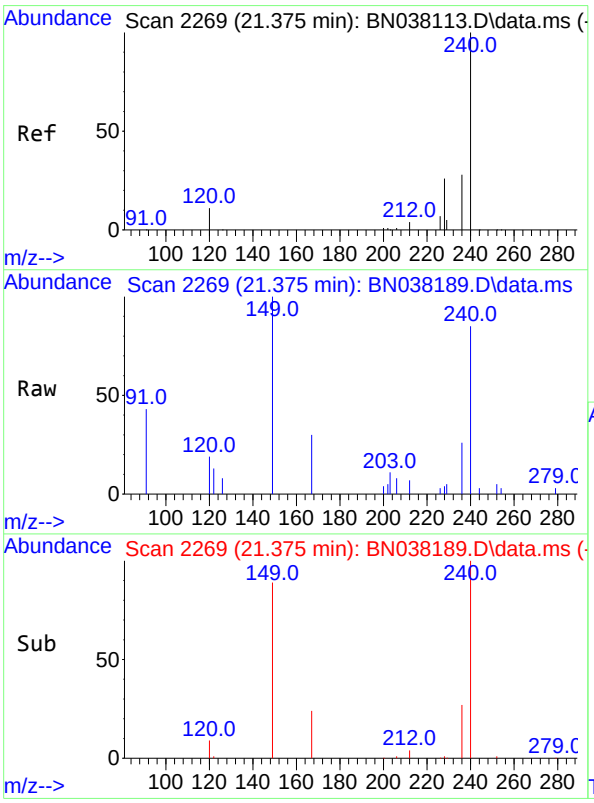
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:212 Resp: 27834

Ion	Ratio	Lower	Upper
212	100		
106	20.4	12.6	19.0#
104	11.4	7.1	10.7#

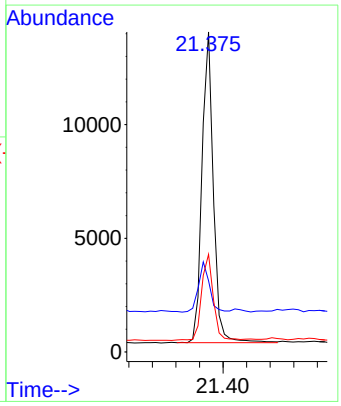


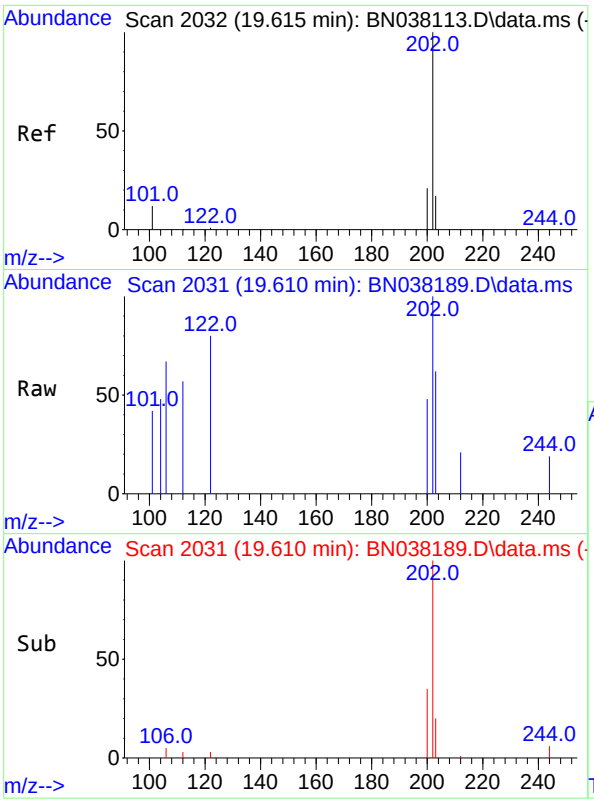


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:240 Resp: 18239

Ion	Ratio	Lower	Upper
240	100		
120	22.2	10.7	16.1#
236	30.5	23.1	34.7



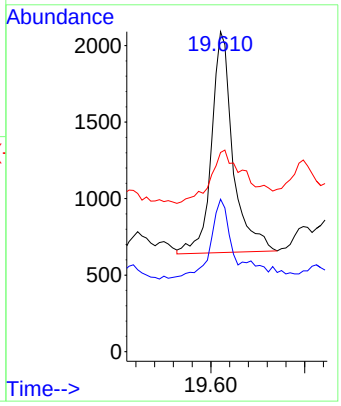


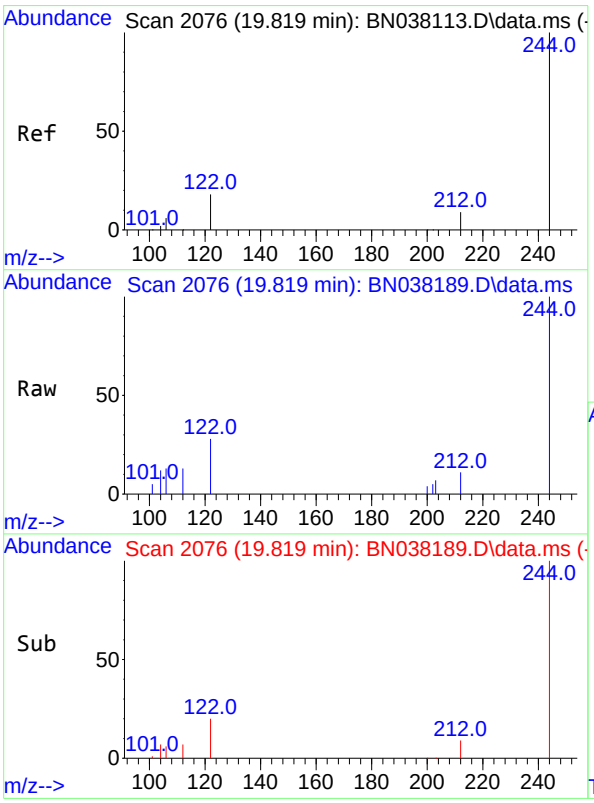
#30
Pyrene
Concen: 0.028 ng
RT: 19.610 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:202 Resp: 2301

Ion	Ratio	Lower	Upper
202	100		
200	32.8	16.7	25.1#
203	39.9	14.2	21.2#

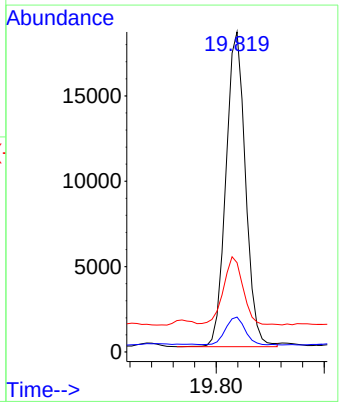


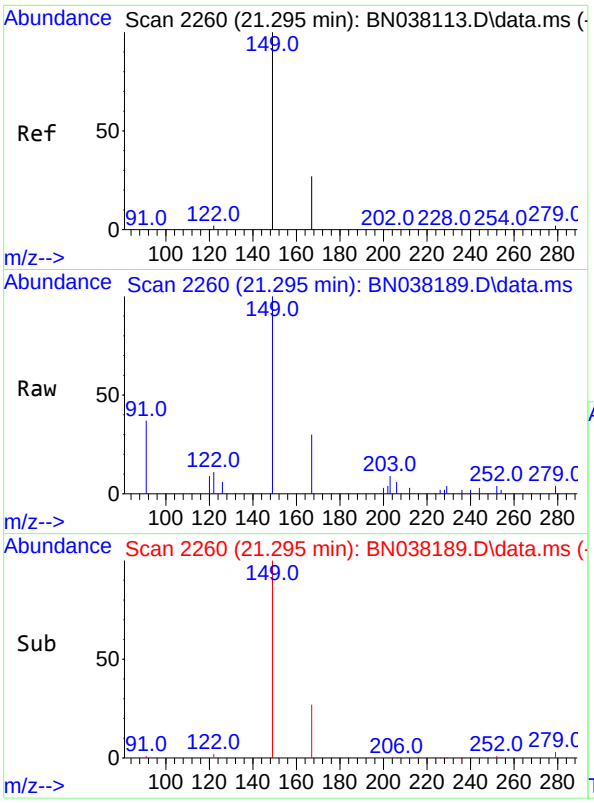


#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:244 Resp: 23192

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.8	11.6
122	27.9	15.2	22.8#



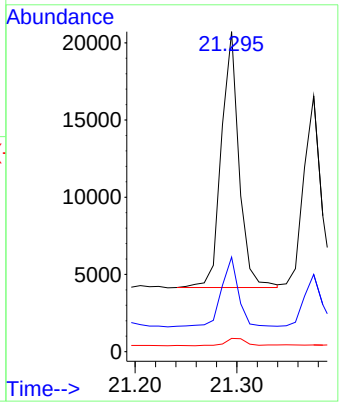


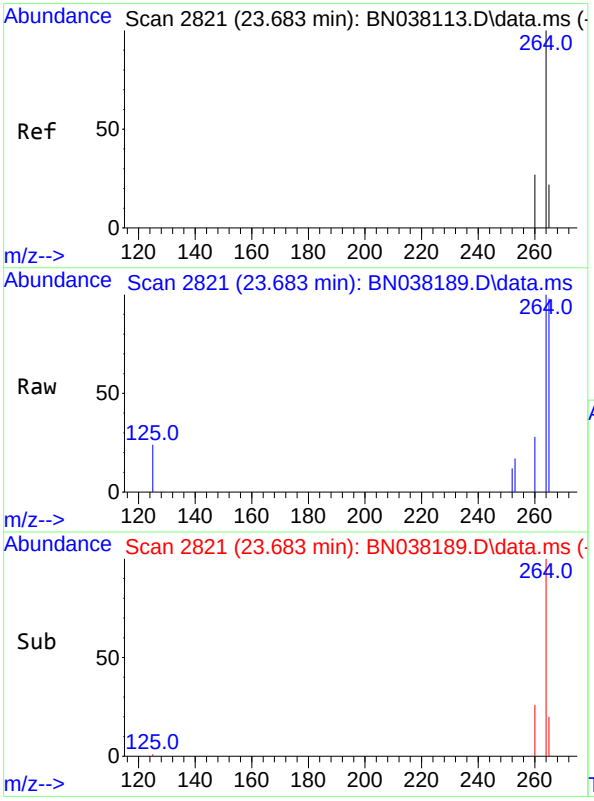
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.583 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

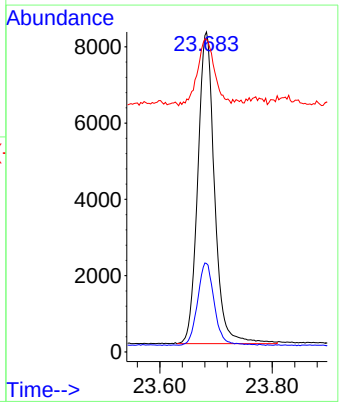
Tgt Ion:149 Resp: 19975

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.1	31.7
279	3.4	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:264 Resp: 16867

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	97.7	68.6	102.8