Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038425.D
Acq On : 16 Dec 2025 04:42
Operator : RC/JU
Sample : Q3839-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AT5

Quant Time: Dec 16 05:33:56 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	7.710	152	5025	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13773	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	7488	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14044	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11274	0.400	ng	0.00
35) Perylene-d12	23.619	264	11544	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1643	0.131	ng	0.00
5) Phenol-d6	6.879	99	1168	0.079	ng	0.00
8) Nitrobenzene-d5	8.865	82	3417	0.294	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5455	0.281	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1162	0.350	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	13153	0.365	ng	0.00
27) Fluoranthene-d10	19.174	212	12079	0.348	ng	-0.01
31) Terphenyl-d14	19.777	244	10254	0.408	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	820	0.142	ng	# 59
9) Naphthalene	10.562	128	971	0.024	ng	# 76
25) Phenanthrene	17.173	178	1774	0.036	ng	97
26) Anthracene	17.173	178	1772	0.042	ng	98
34) Bis(2-ethylhexyl)phtha...	21.259	149	1401	0.059	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
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Acq On : 16 Dec 2025 04:42
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Misc :
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Quant Time: Dec 16 05:33:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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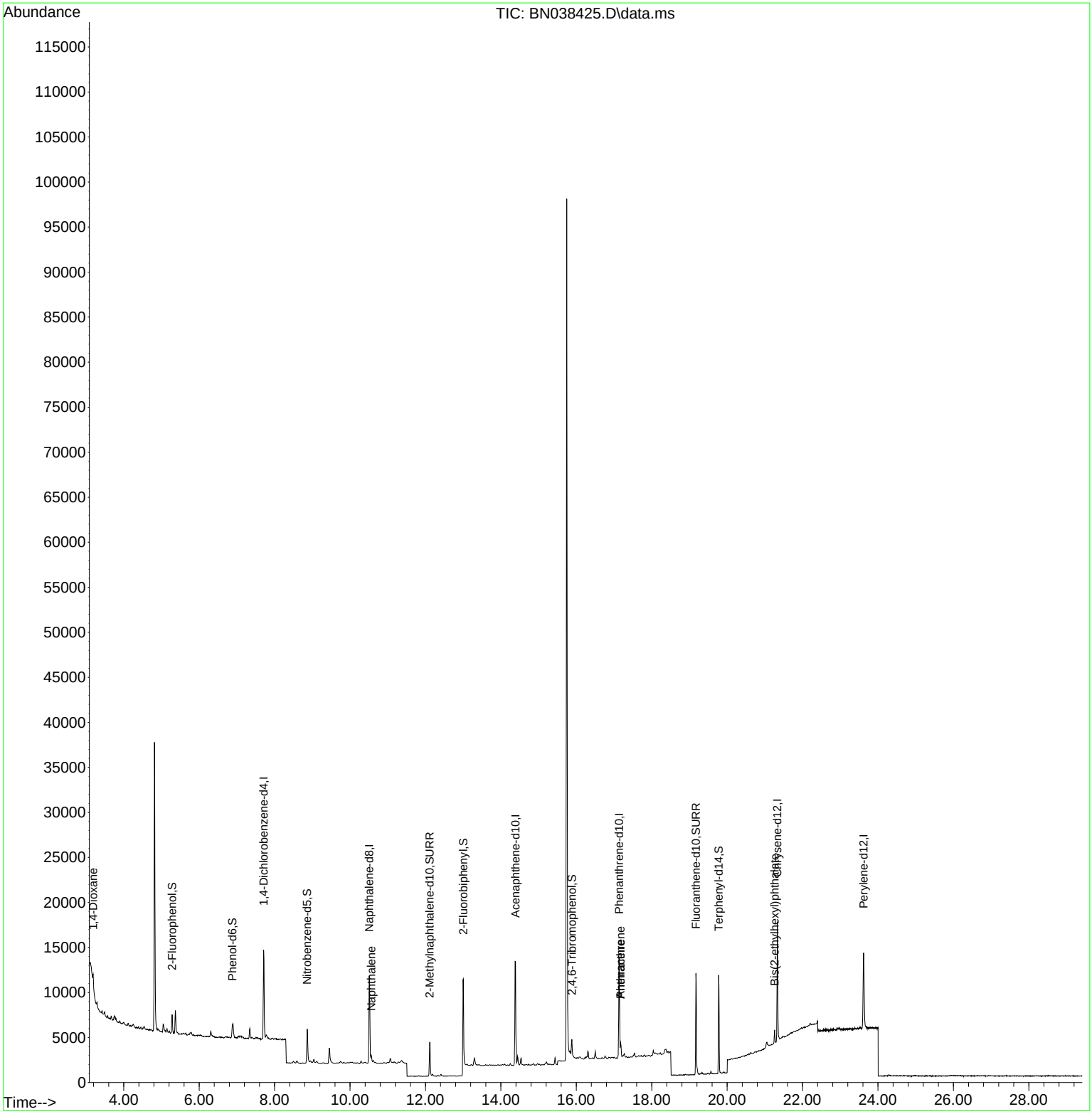
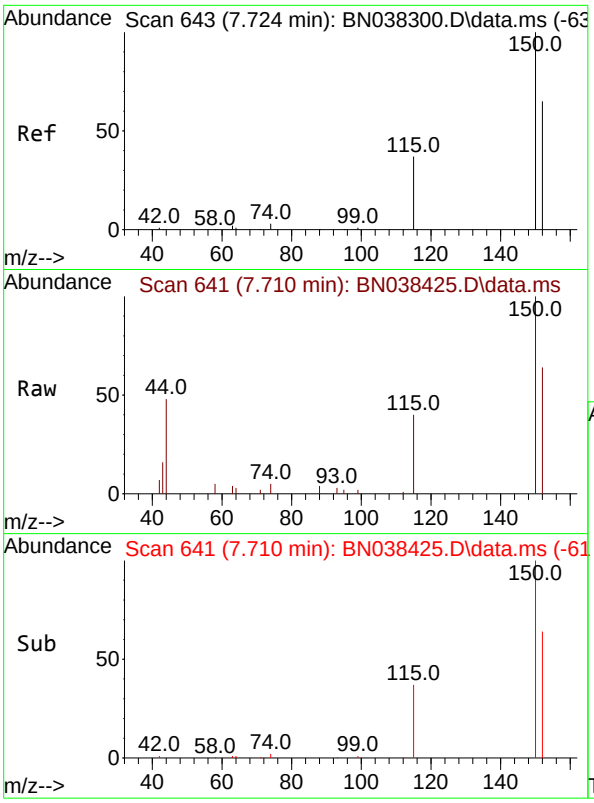


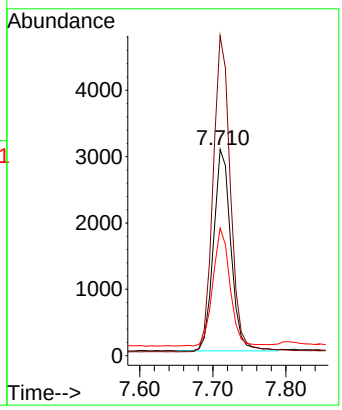


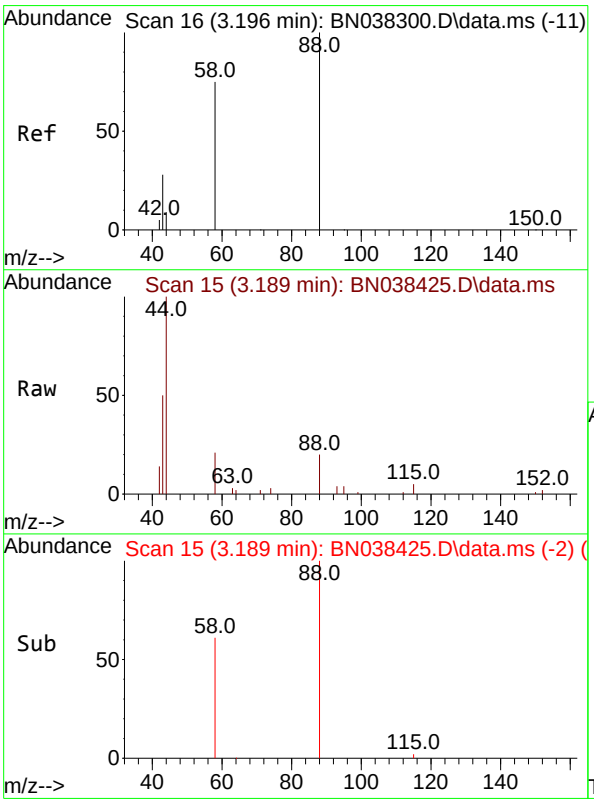
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:152 Resp: 5025

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.4	183.6
115	61.8	47.3	70.9

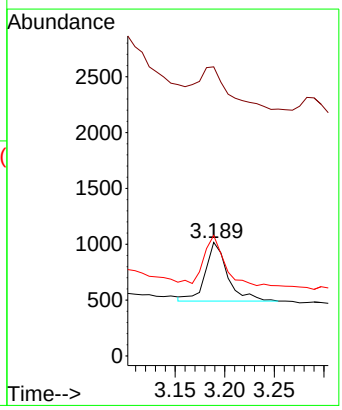


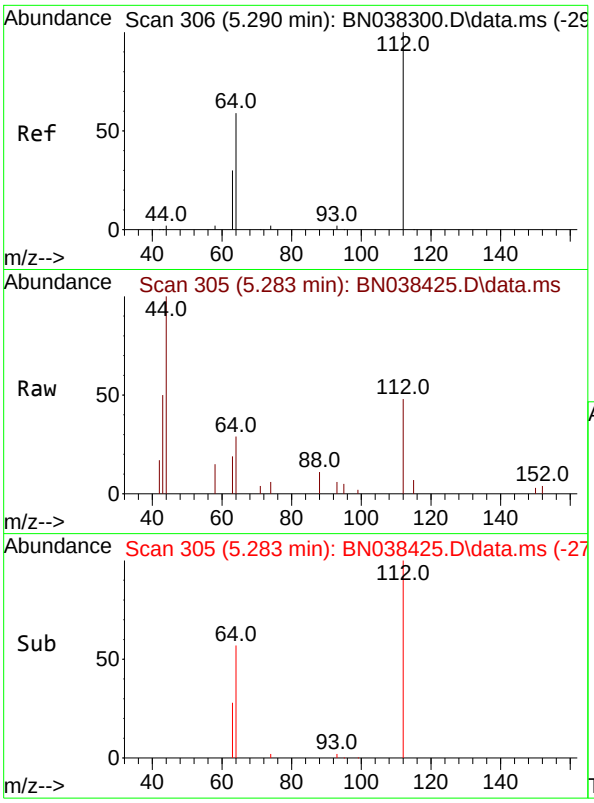


#2
1,4-Dioxane
Concen: 0.142 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion: 88 Resp: 820

Ion	Ratio	Lower	Upper
88	100		
43	104.5	24.9	37.3#
58	79.9	61.4	92.0



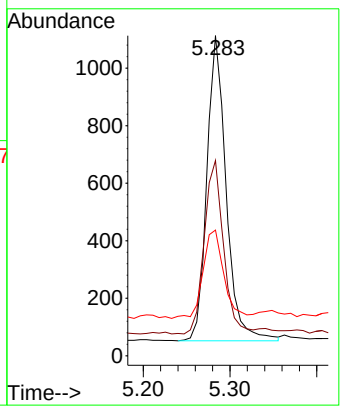


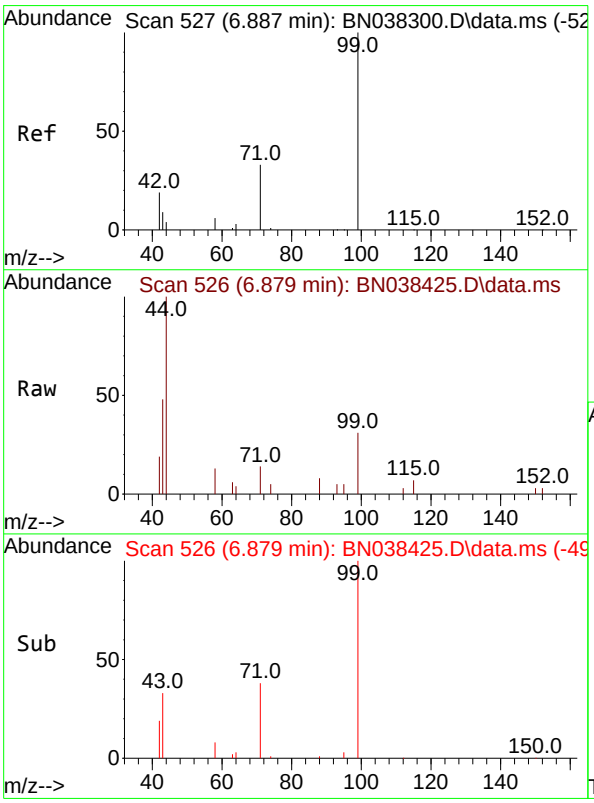
#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.283 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:112 Resp: 1643

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.4	66.6
63	31.0	23.4	35.0

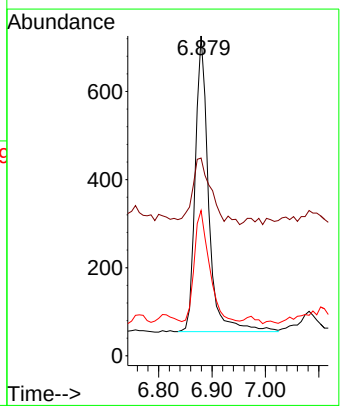


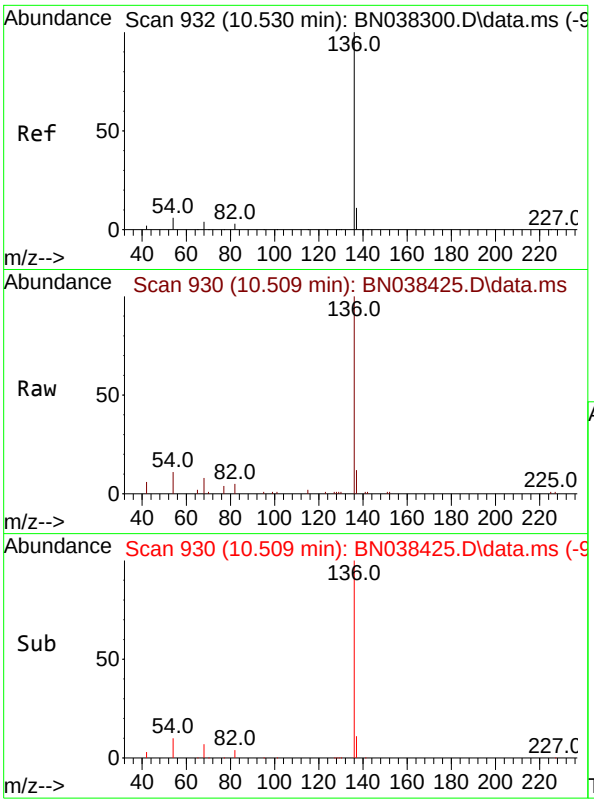


#5
Phenol-d6
Concen: 0.079 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion: 99 Resp: 1168

Ion	Ratio	Lower	Upper
99	100		
42	27.5	16.5	24.7#
71	44.7	24.9	37.3#



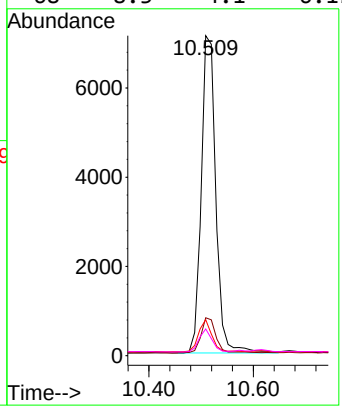


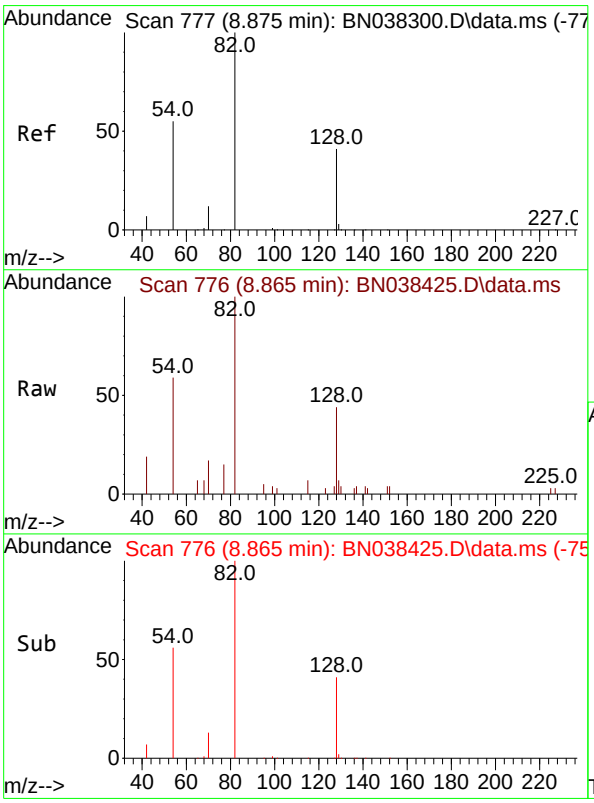
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:136 Resp: 13773

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.2	5.2	7.8#
68	8.3	4.1	6.1#

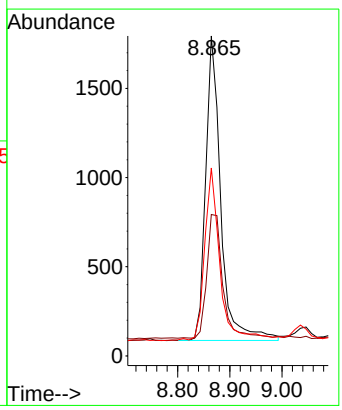


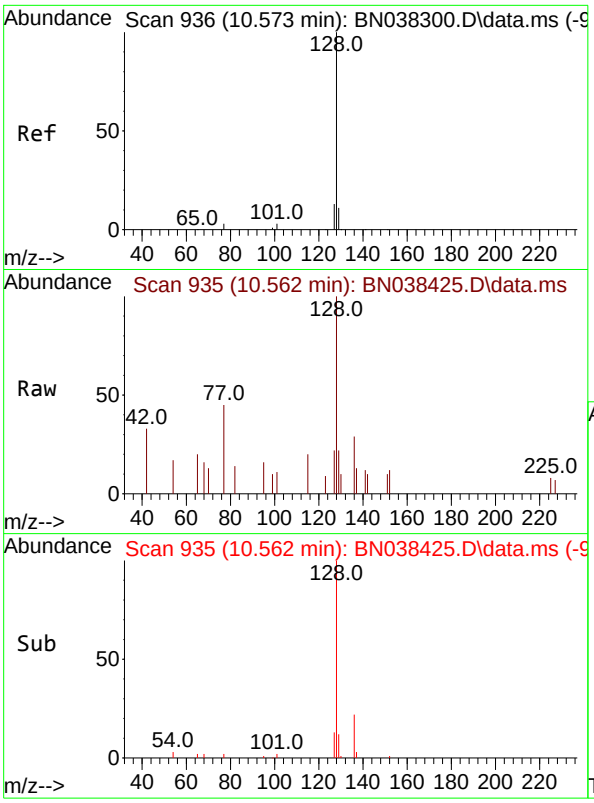


#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion: 82 Resp: 3417

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	58.8	44.4	66.6



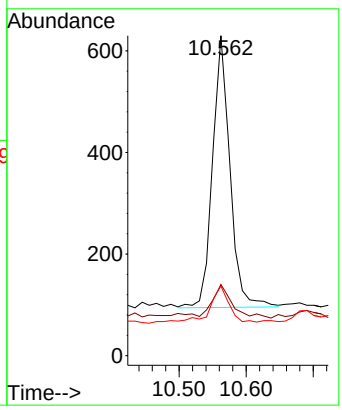


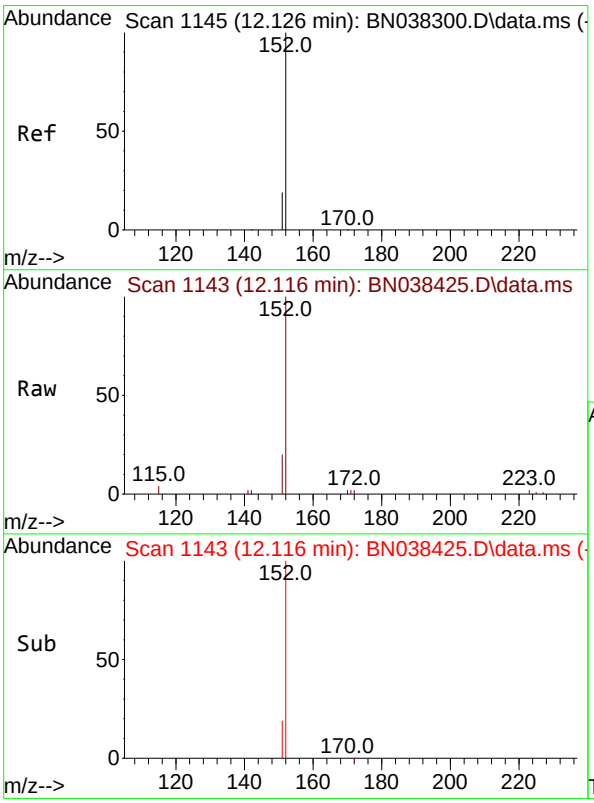
#9
Naphthalene
Concen: 0.024 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:128 Resp: 971

Ion	Ratio	Lower	Upper
128	100		
129	22.2	9.1	13.7#
127	21.7	10.9	16.3#

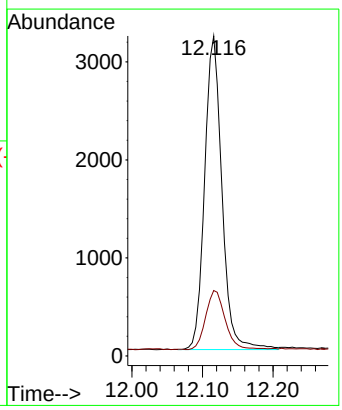


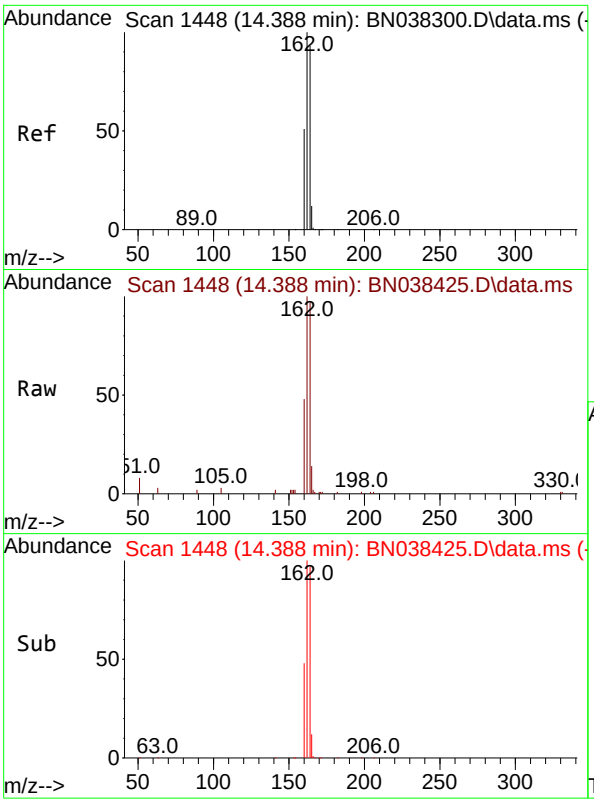


#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:152 Resp: 5455

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6



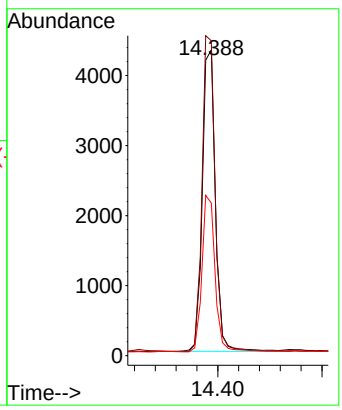


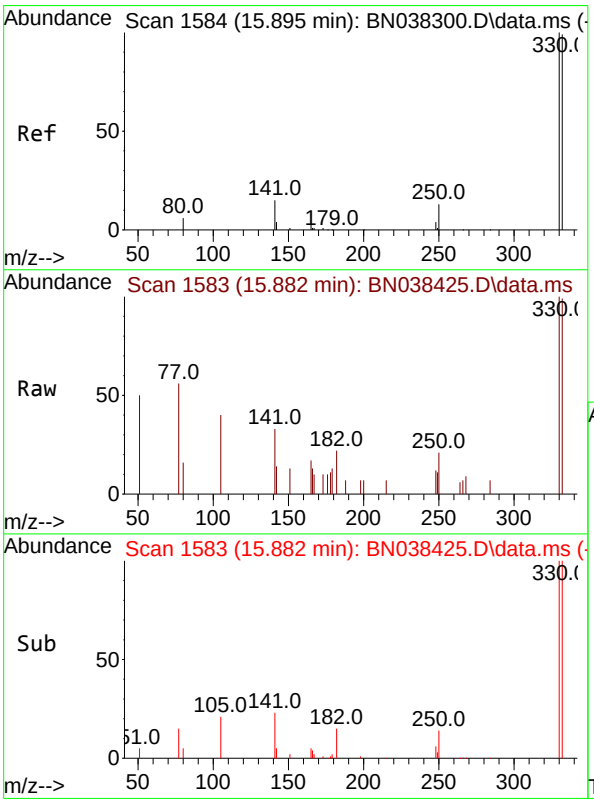
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:164 Resp: 7488

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.2	129.4
160	49.9	44.6	67.0

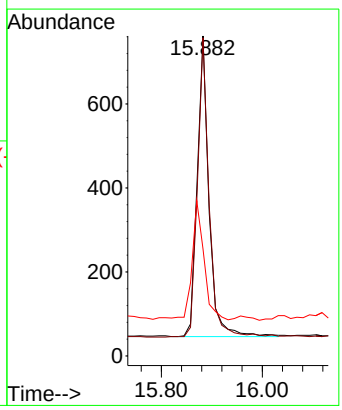


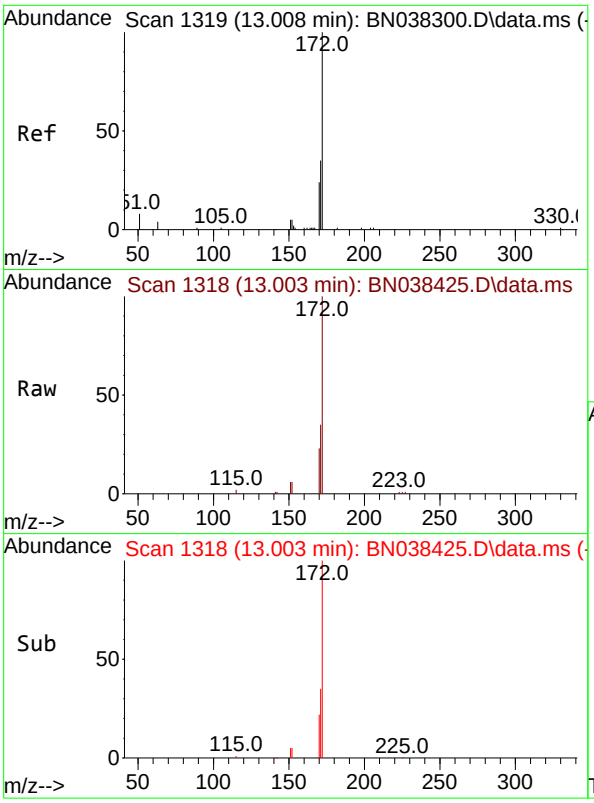


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:330 Resp: 1162

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.8	113.6
141	40.8	31.8	47.8



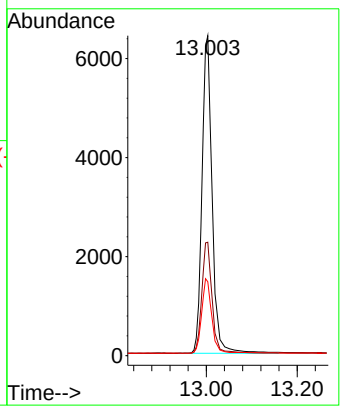


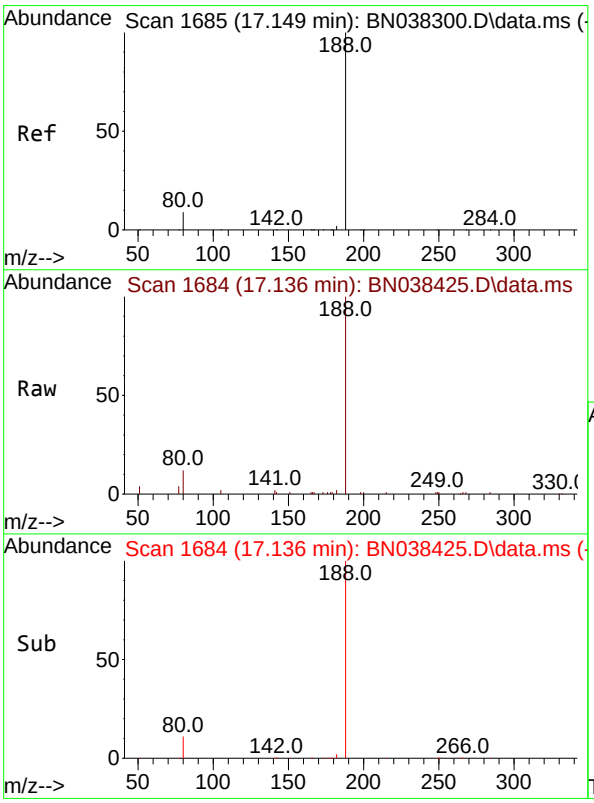
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:172 Resp: 13153

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.1	19.3	28.9

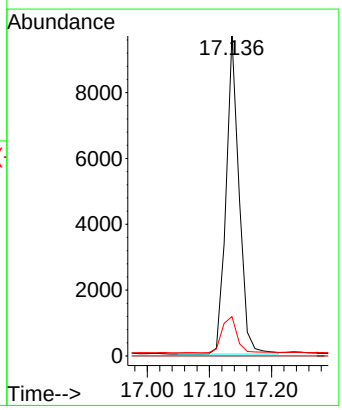


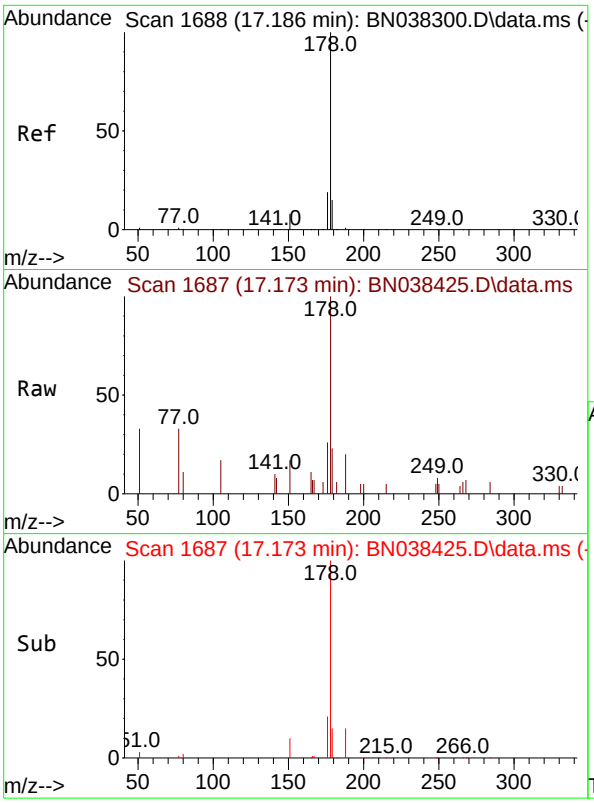


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:188 Resp: 14044

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	7.4	11.0#



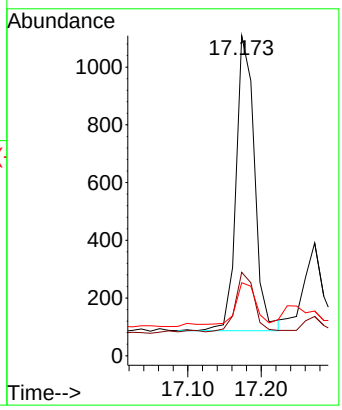


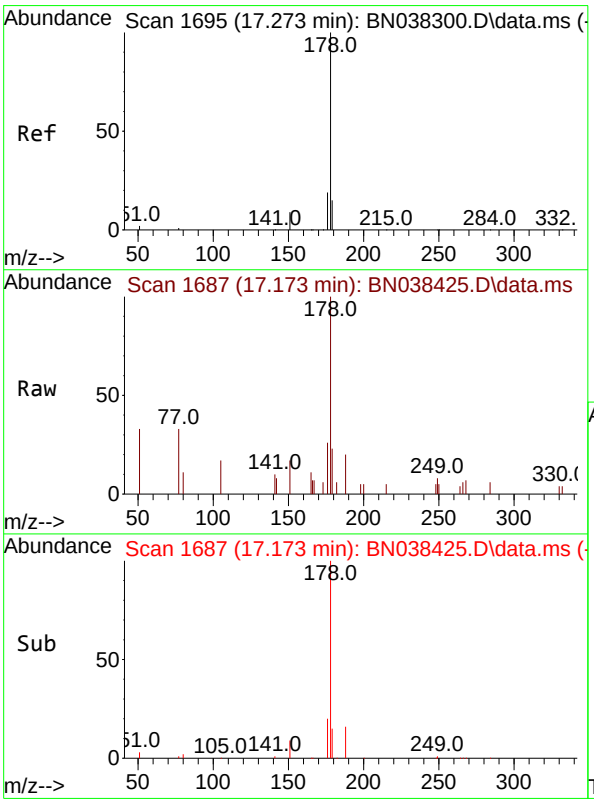
#25
Phenanthrene
Concen: 0.036 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:178 Resp: 1774

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.5	23.3
179	16.2	12.2	18.2

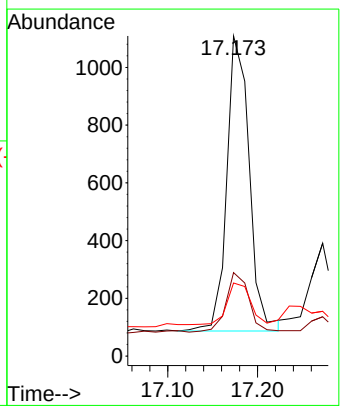


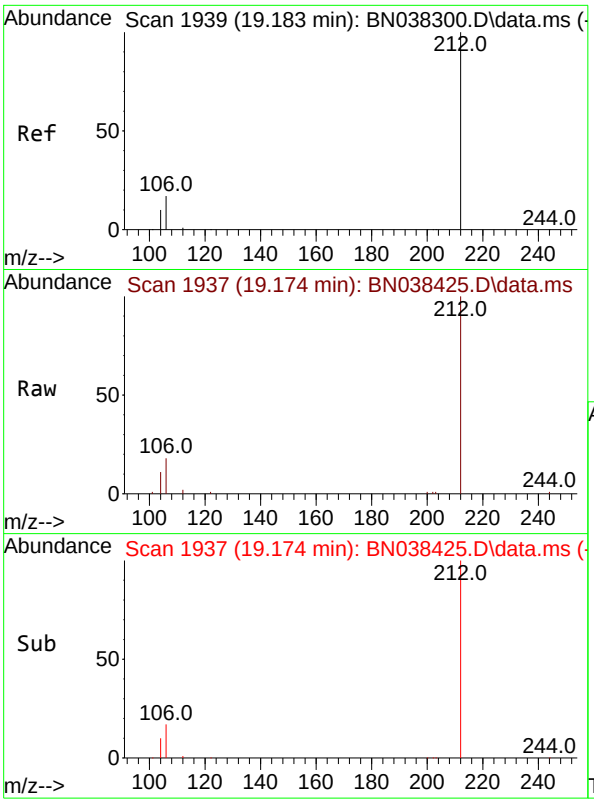


#26
Anthracene
Concen: 0.042 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.112 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:178 Resp: 1772

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	14.6	12.0	18.0



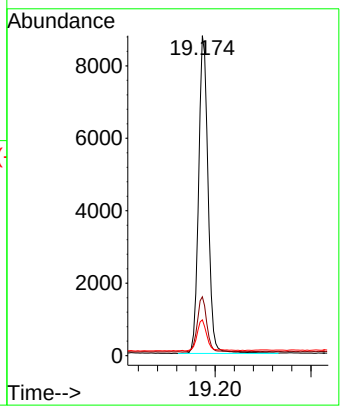


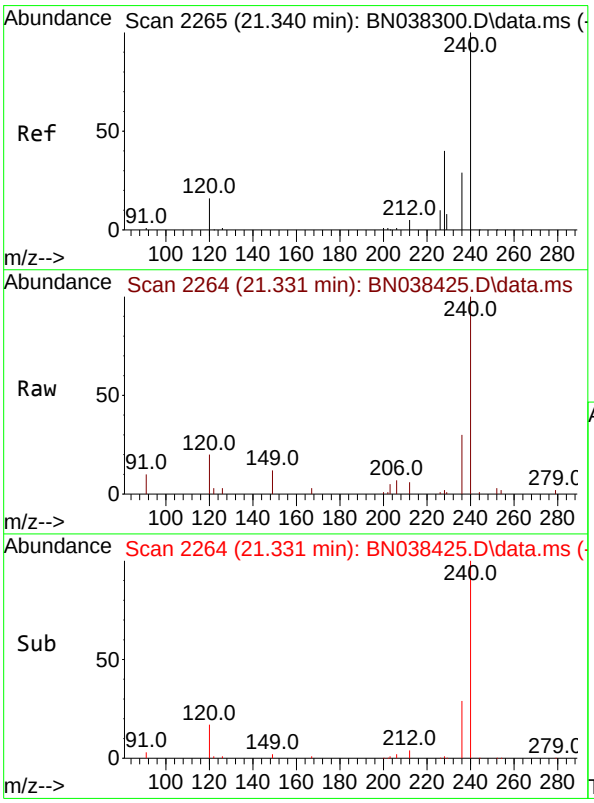
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.174 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:212 Resp: 12079

Ion	Ratio	Lower	Upper
212	100		
106	17.6	13.7	20.5
104	10.4	7.8	11.8

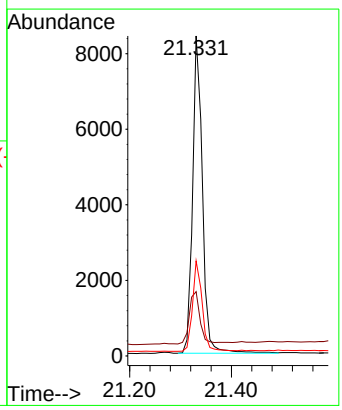


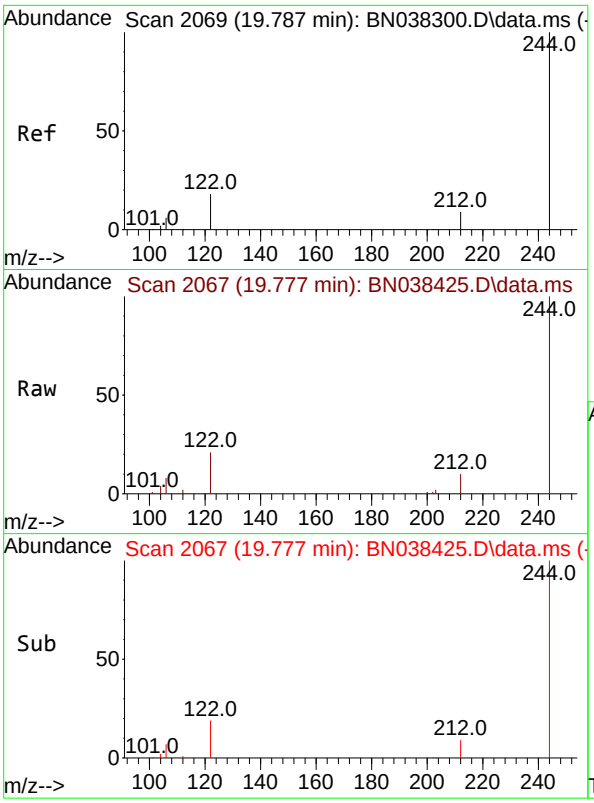


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:240 Resp: 11274

Ion	Ratio	Lower	Upper
240	100		
120	20.1	15.4	23.2
236	29.7	23.9	35.9



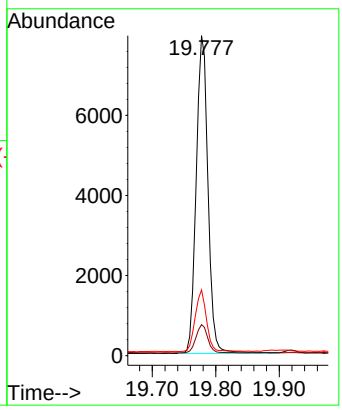


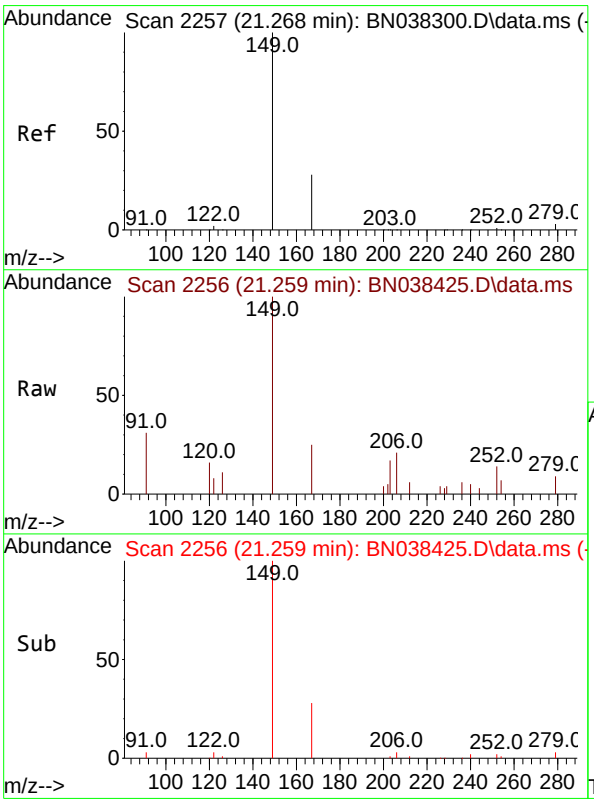
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.777 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:244 Resp: 10254

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	20.5	15.0	22.6

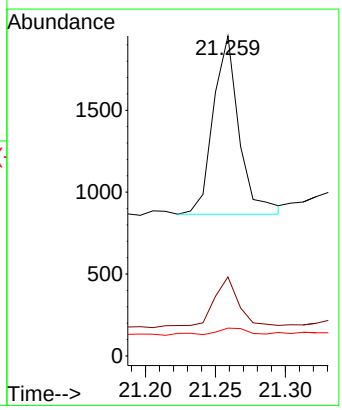


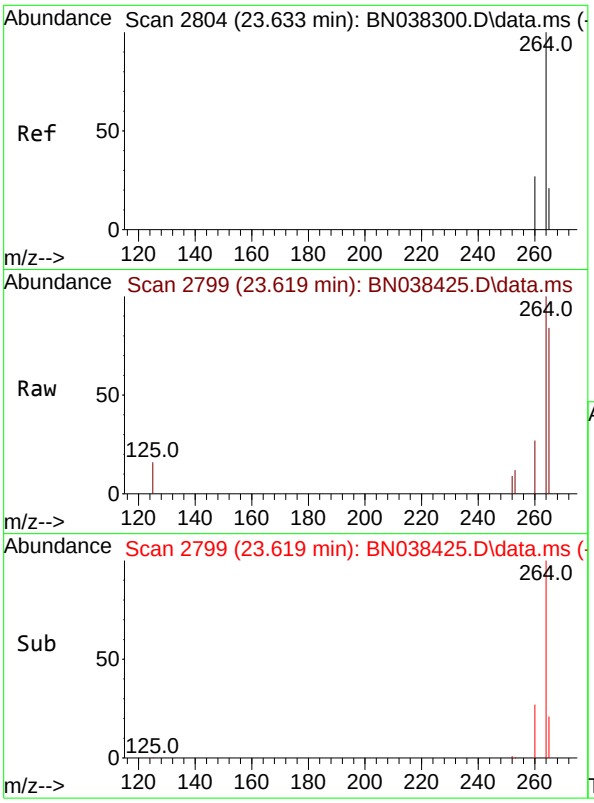


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Tgt Ion:149 Resp: 1401

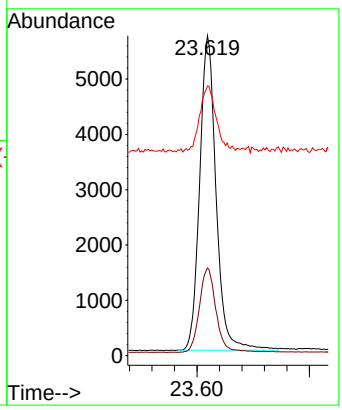
Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.4	32.0
279	5.8	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038425.D
Acq: 16 Dec 2025 04:42

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:264 Resp: 11544

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.2	33.2
265	84.2	80.2	120.2