Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038157.D
Acq On : 07 Nov 2025 16:46
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-5

Quant Time: Nov 07 17:16:31 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	7.775	152	11219	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	37220	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24015	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	44332	0.400	ng	0.00
29) Chrysene-d12	21.375	240	29531	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5831	0.221	ng	0.00
5) Phenol-d6	6.937	99	4653	0.145	ng	0.00
8) Nitrobenzene-d5	8.929	82	11062	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	18993	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4812	0.486	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	34356	0.357	ng	0.00
27) Fluoranthene-d10	19.220	212	42091	0.377	ng	0.00
31) Terphenyl-d14	19.819	244	34611	0.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	36486	3.148	ng	98
9) Naphthalene	10.626	128	4483	0.044	ng	# 81
17) Acenaphthene	14.495	154	4765	0.063	ng	96
18) Fluorene	15.489	166	2498	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	12122	0.218	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
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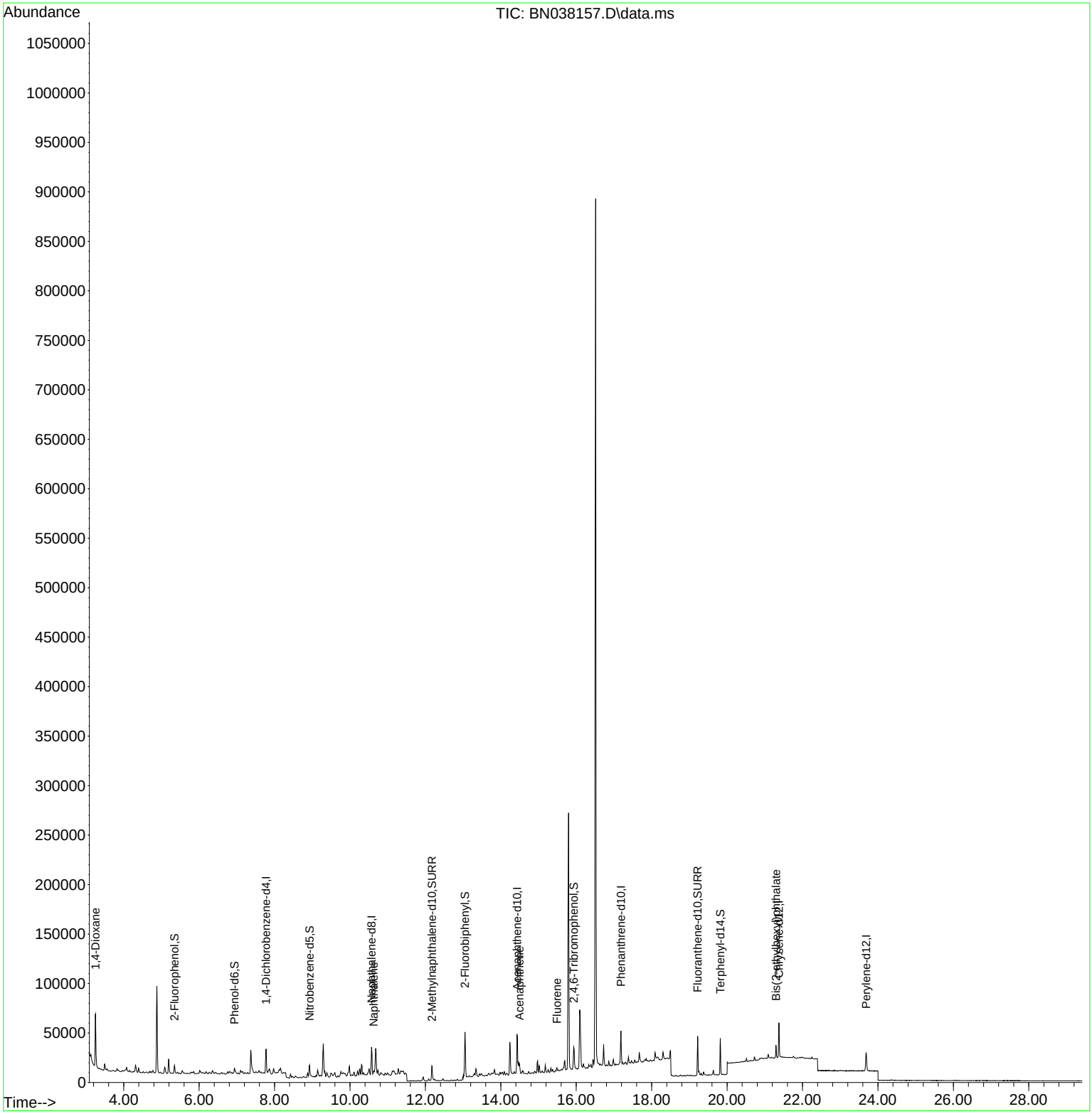
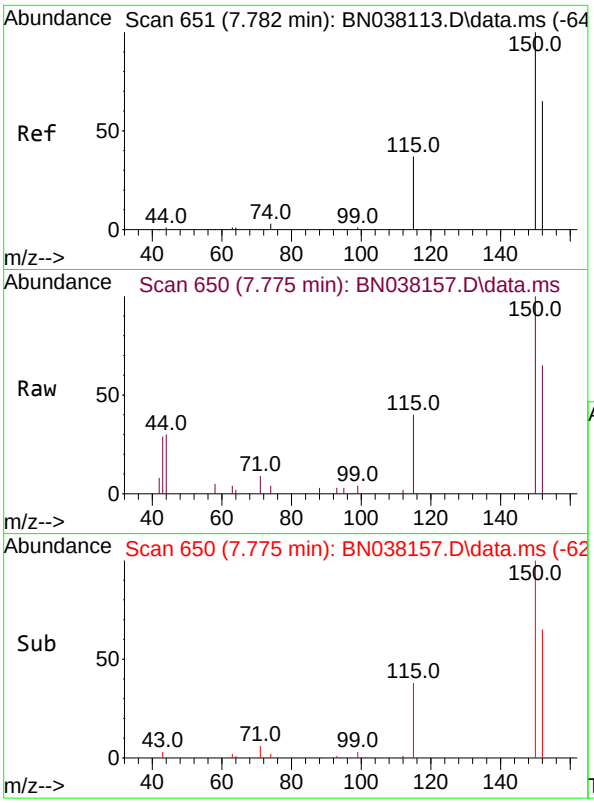


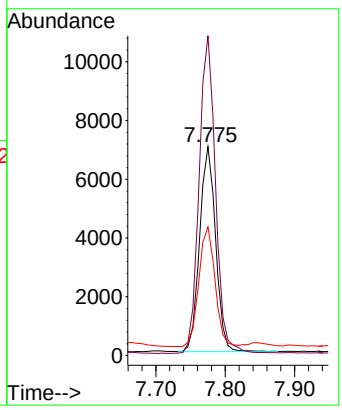


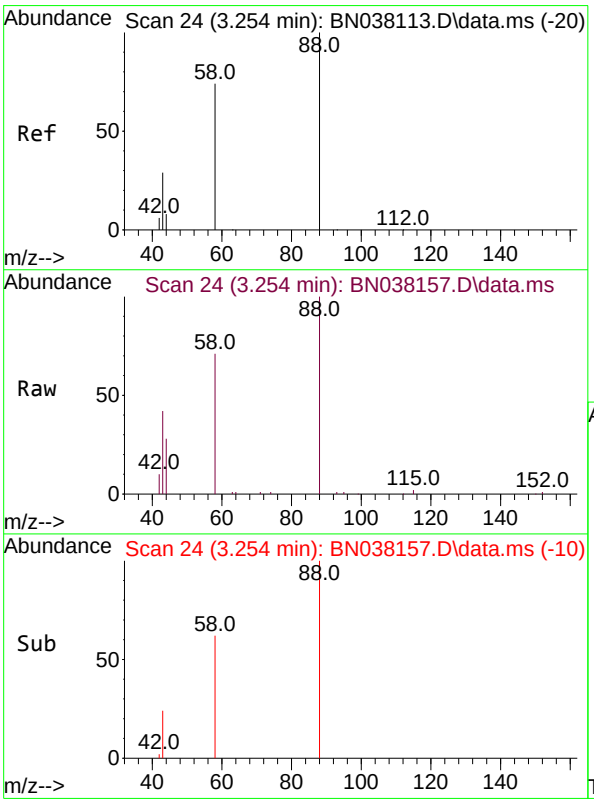
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 11219

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.3	183.5
115	61.6	47.4	71.0

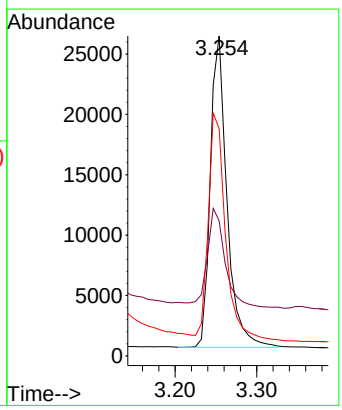


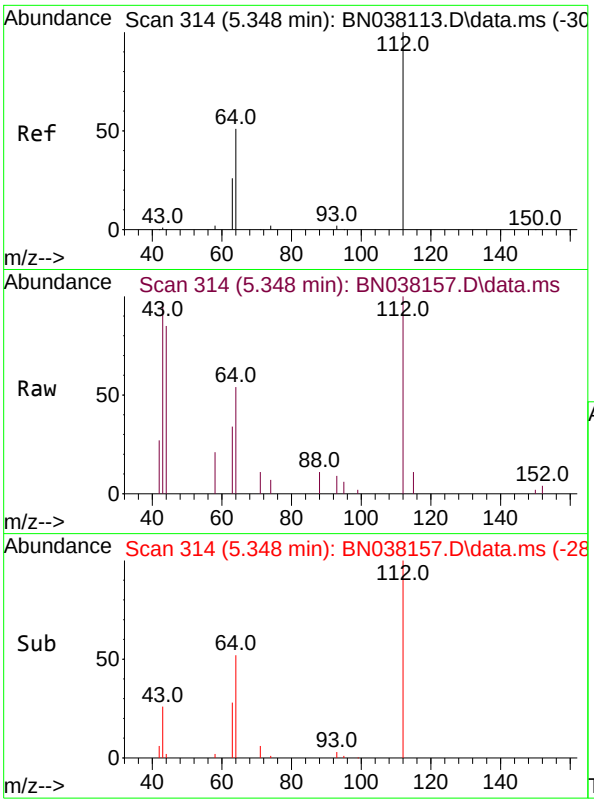


#2
1,4-Dioxane
Concen: 3.148 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 88 Resp: 36486

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.3	36.5
58	75.1	60.4	90.6



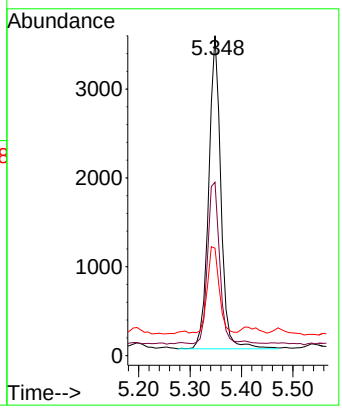


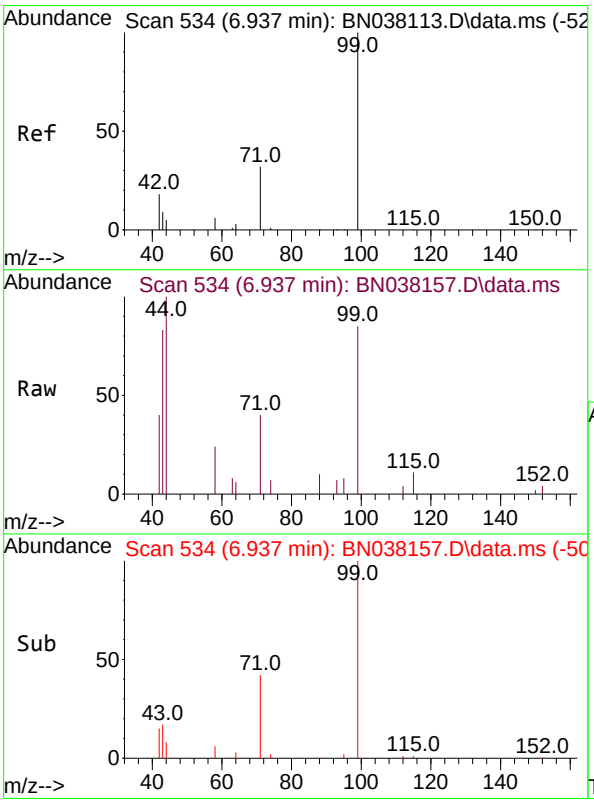
#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:112 Resp: 5831

Ion	Ratio	Lower	Upper
112	100		
64	50.1	45.4	68.0
63	27.4	23.2	34.8

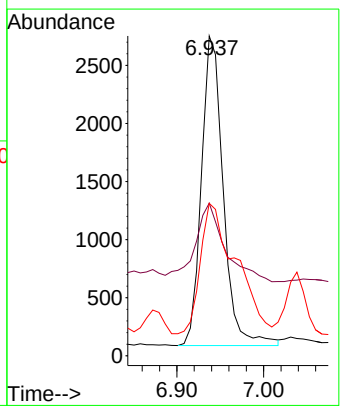


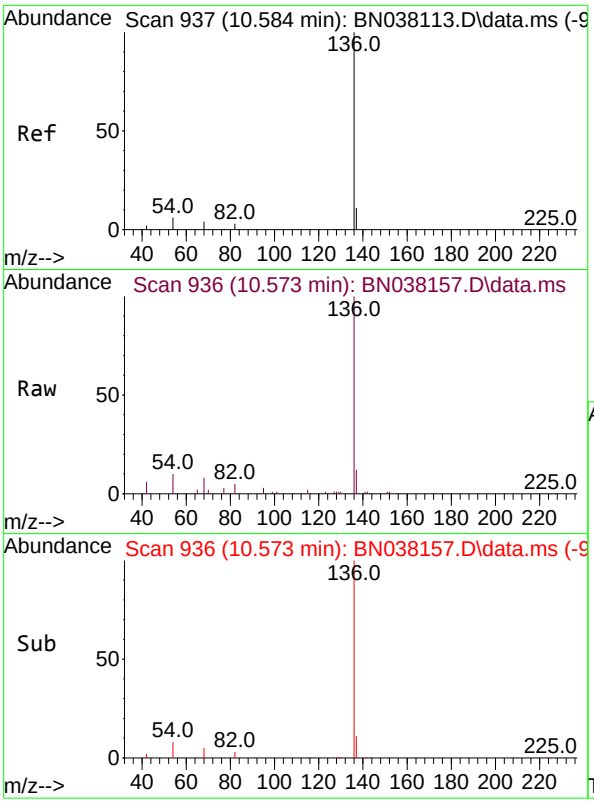


#5
Phenol-d6
Concen: 0.145 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 99 Resp: 4653

Ion	Ratio	Lower	Upper
99	100		
42	34.8	16.6	24.8#
71	70.5	25.4	38.2#



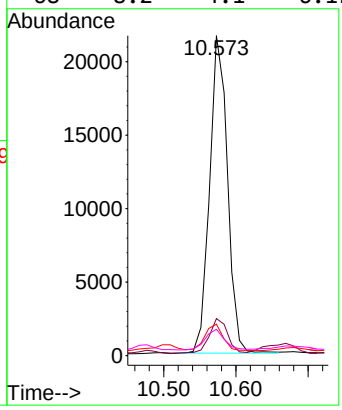


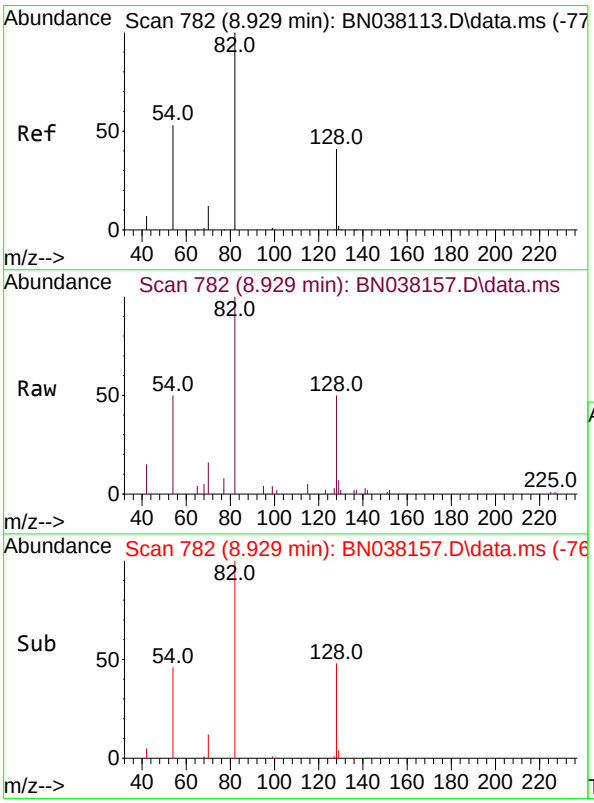
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 37220

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.8	5.2	7.8#
68	8.2	4.1	6.1#

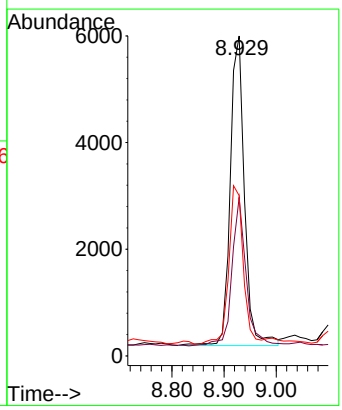


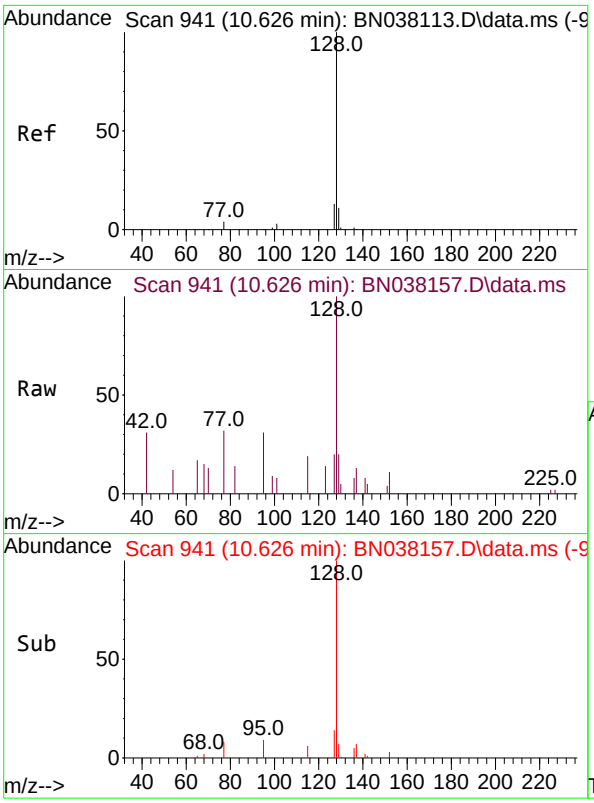


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 82 Resp: 11062

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.1	51.1
54	50.1	43.5	65.3



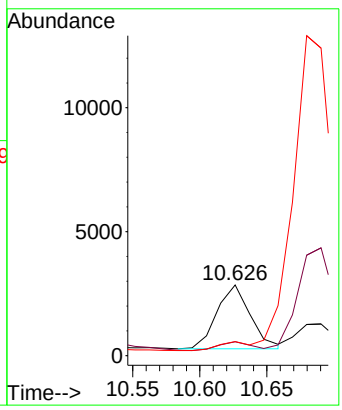


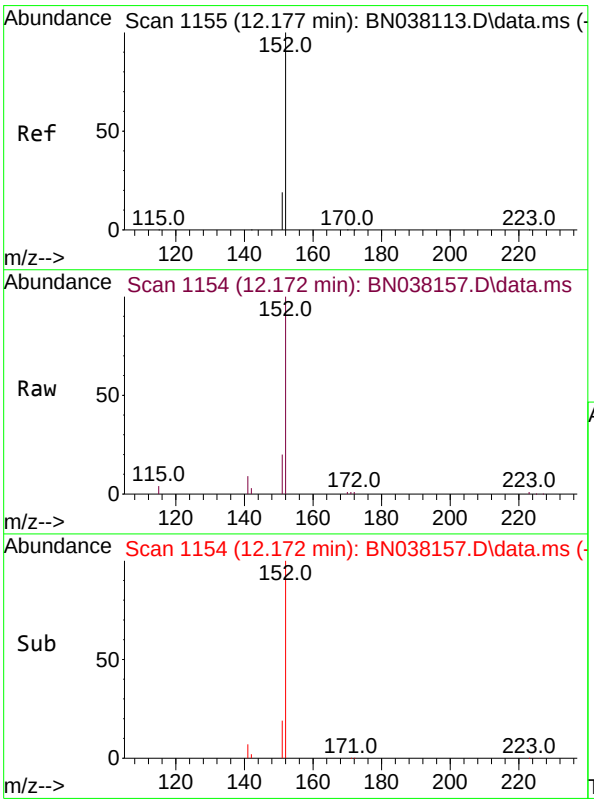
#9
Naphthalene
Concen: 0.044 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:128 Resp: 4483

Ion	Ratio	Lower	Upper
128	100		
129	19.7	9.1	13.7#
127	19.8	10.5	15.7#

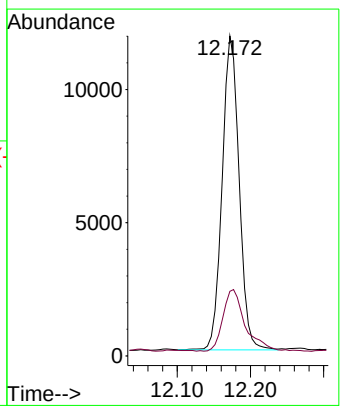


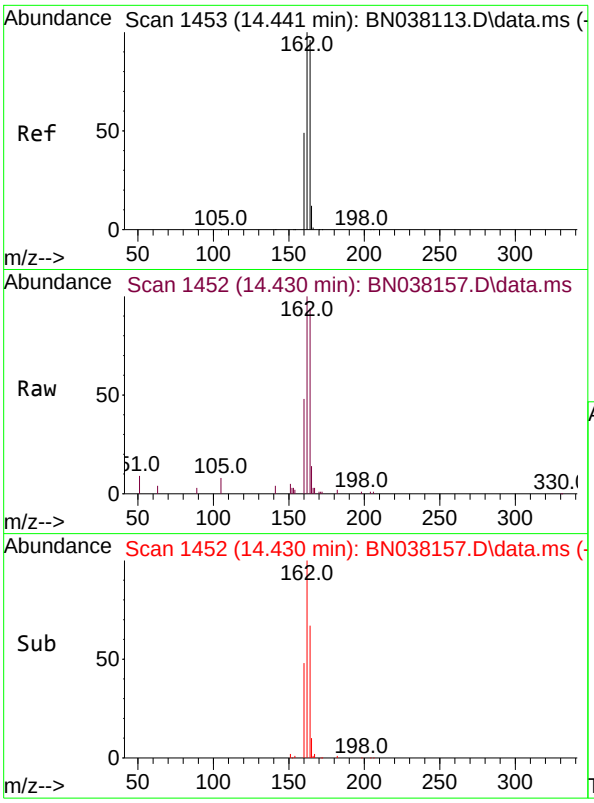


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:152 Resp: 18993

Ion	Ratio	Lower	Upper
152	100		
151	26.2	16.8	25.2#



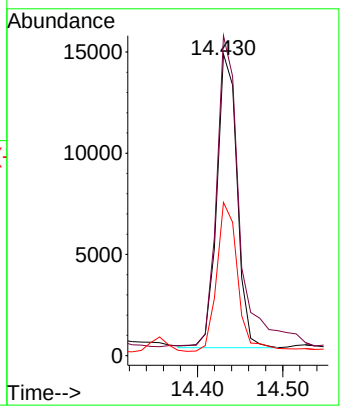


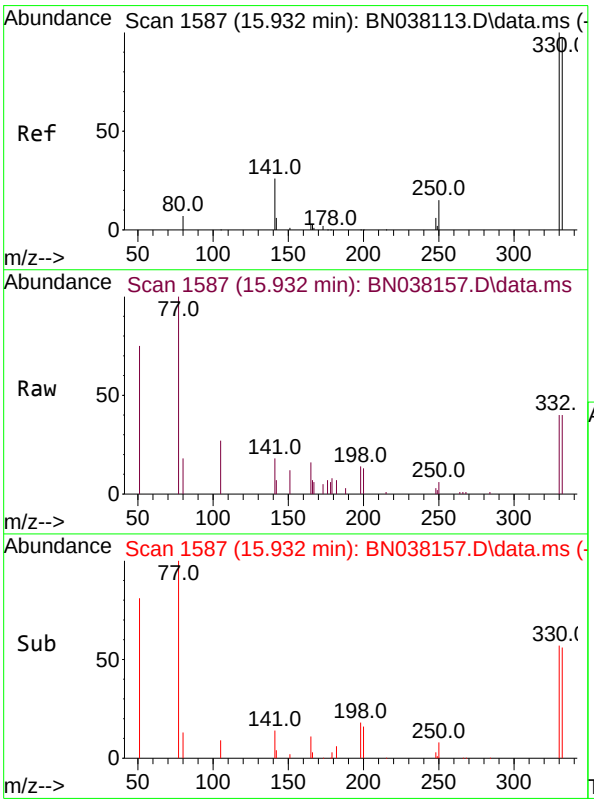
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:164 Resp: 24015

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.4
160	50.8	40.7	61.1

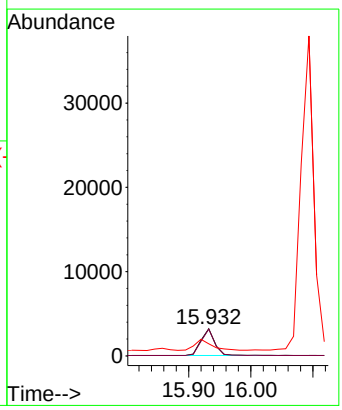


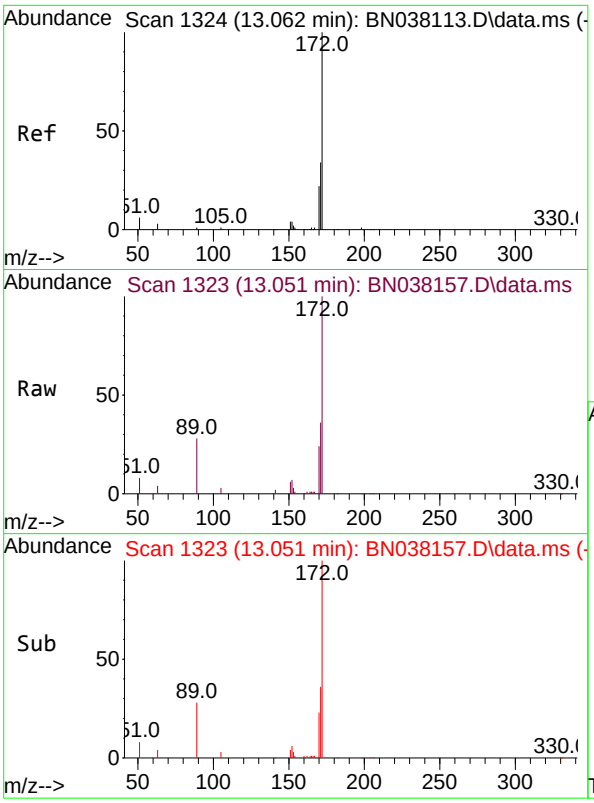


#14
2,4,6-Tribromophenol
Concen: 0.486 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:330 Resp: 4812

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	50.5	34.1	51.1



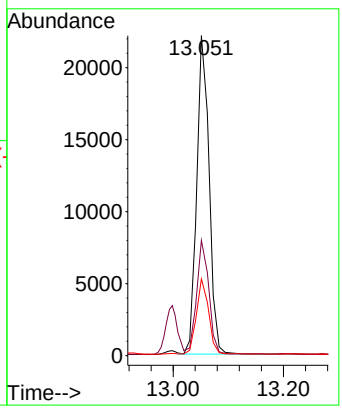


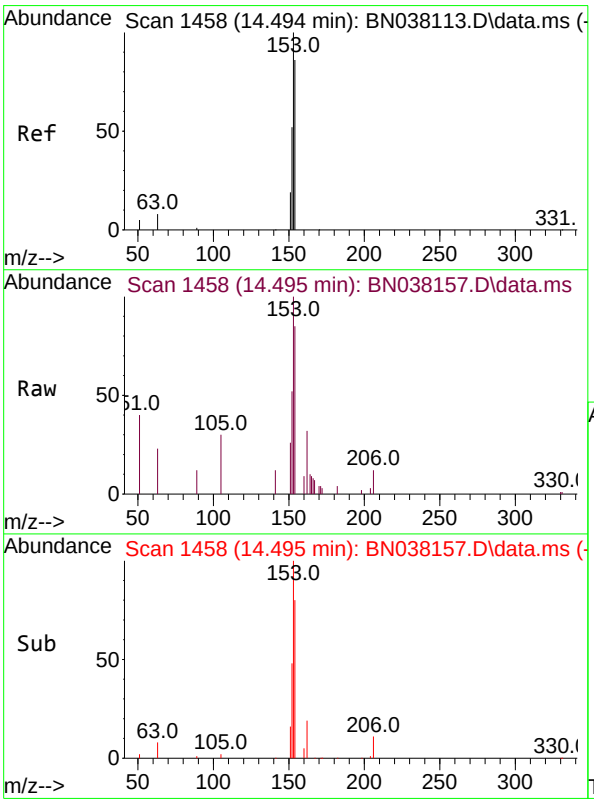
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:172 Resp: 34356

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.0	18.1	27.1

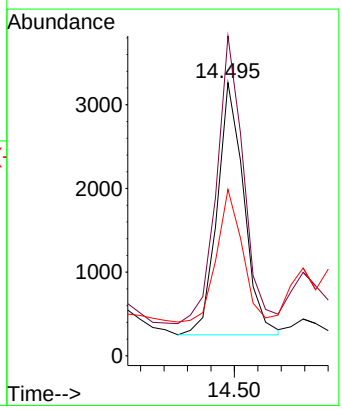


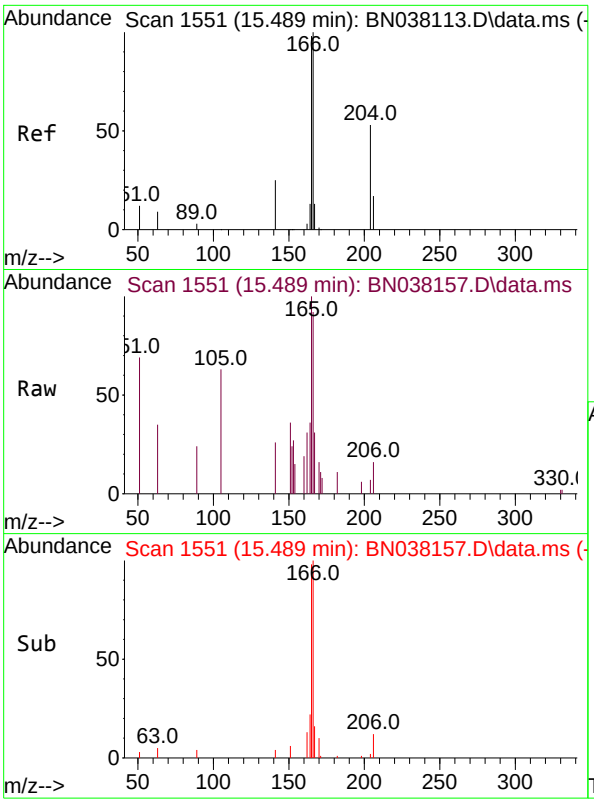


#17
Acenaphthene
Concen: 0.063 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:154 Resp: 4765

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.0	135.0
152	53.3	47.3	70.9



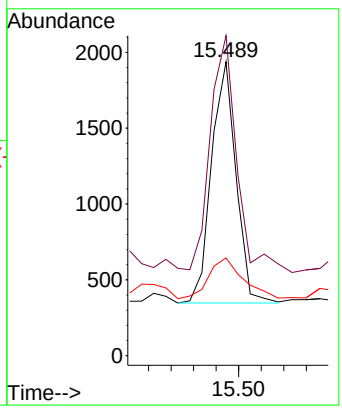


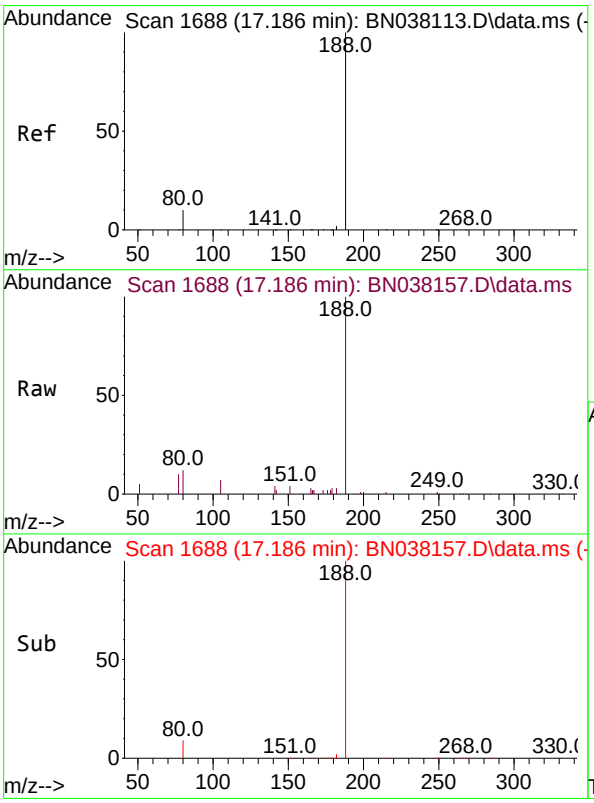
#18
Fluorene
Concen: 0.025 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:166 Resp: 2498

Ion	Ratio	Lower	Upper
166	100		
165	106.9	79.0	118.4
167	24.0	10.7	16.1#

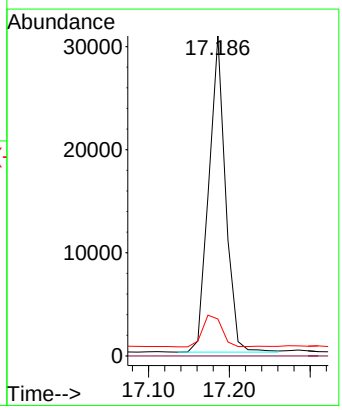


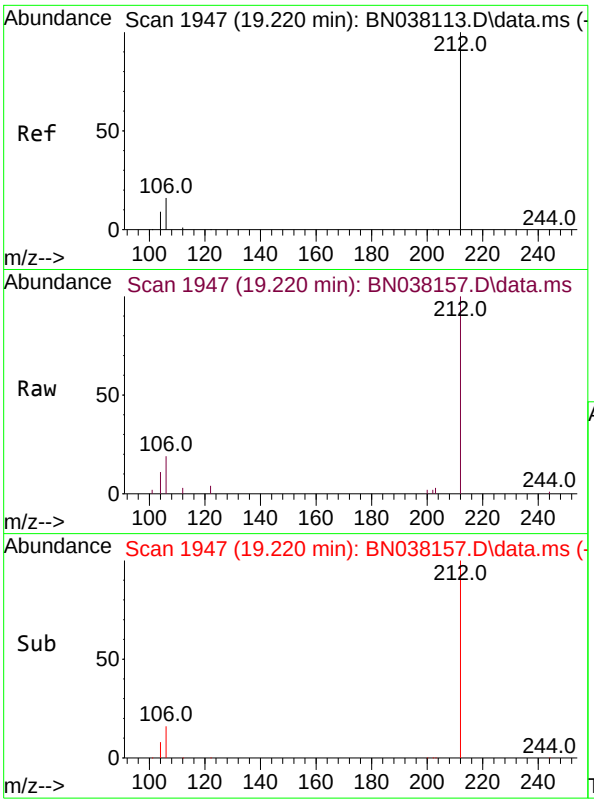


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:188 Resp: 44332

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.6	13.0



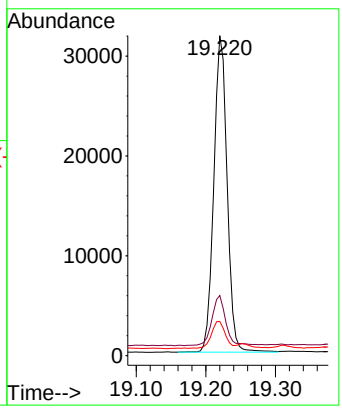


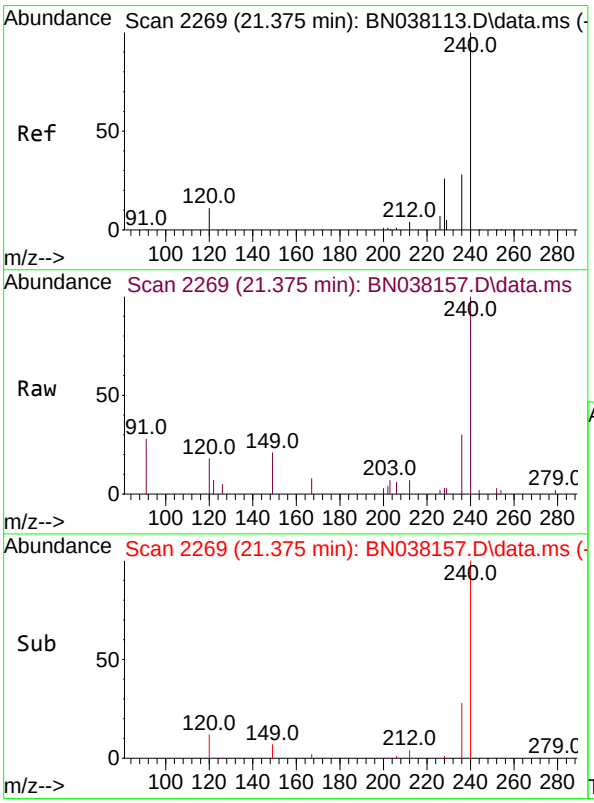
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:212 Resp: 42091

Ion	Ratio	Lower	Upper
212	100		
106	16.5	12.6	19.0
104	8.8	7.1	10.7

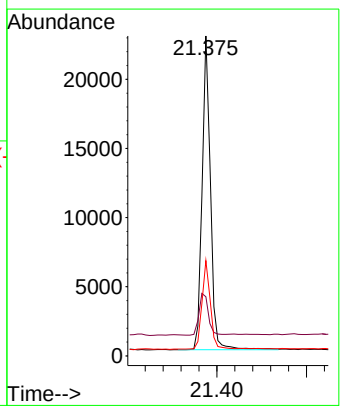


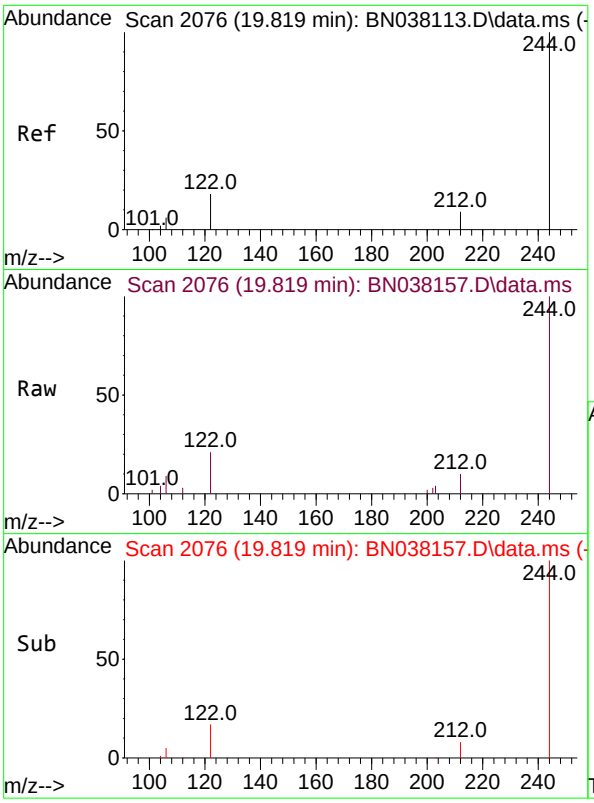


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:240 Resp: 29531

Ion	Ratio	Lower	Upper
240	100		
120	18.5	10.7	16.1#
236	29.8	23.1	34.7



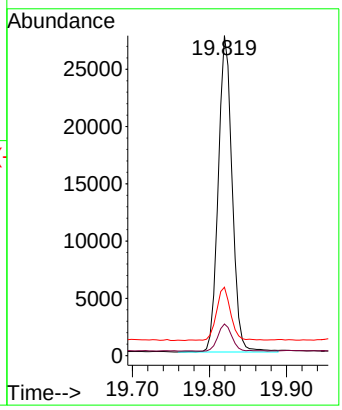


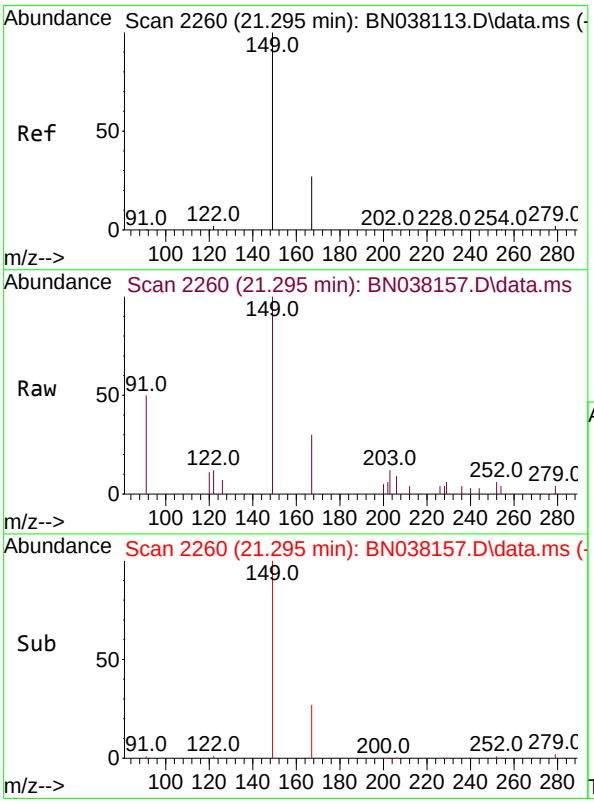
#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 34611

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	21.4	15.2	22.8

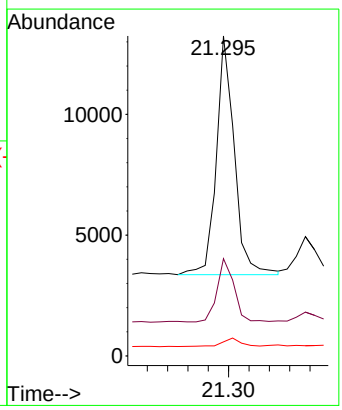


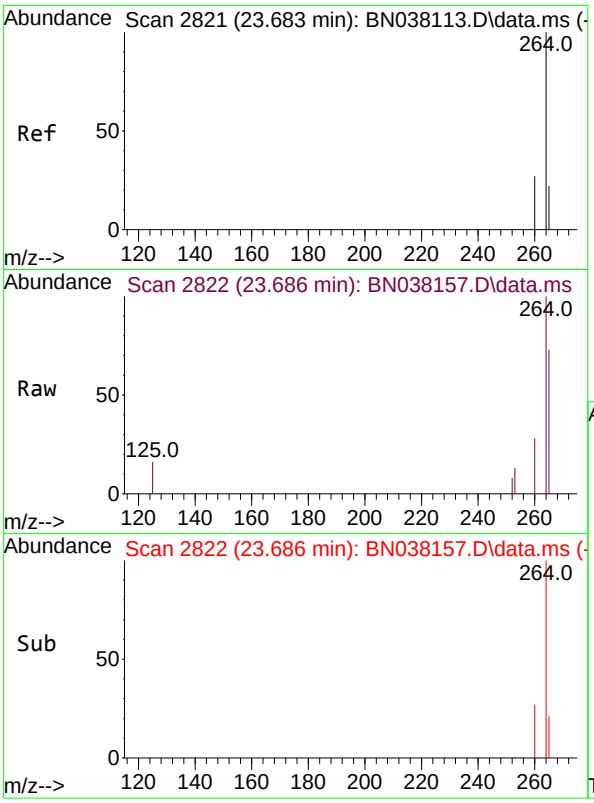


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:149 Resp: 12122

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.1	31.7
279	3.6	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 25013

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	72.6	68.6	102.8