Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038344.D
Acq On : 12 Dec 2025 10:00
Operator : RC/JU
Sample : PB170912BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Quant Time: Dec 12 10:25:30 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	6576	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16790	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8053	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	12820	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8612	0.400	ng	0.00
35) Perylene-d12	23.630	264	9324	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6016	0.367	ng	0.00
5) Phenol-d6	6.887	99	6712	0.345	ng	0.00
8) Nitrobenzene-d5	8.875	82	5576	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8585	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	451	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	14887	0.384	ng	0.00
27) Fluoranthene-d10	19.183	212	10905	0.344	ng	0.00
31) Terphenyl-d14	19.787	244	8247	0.429	ng	0.00
Target Compounds						Qvalue

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

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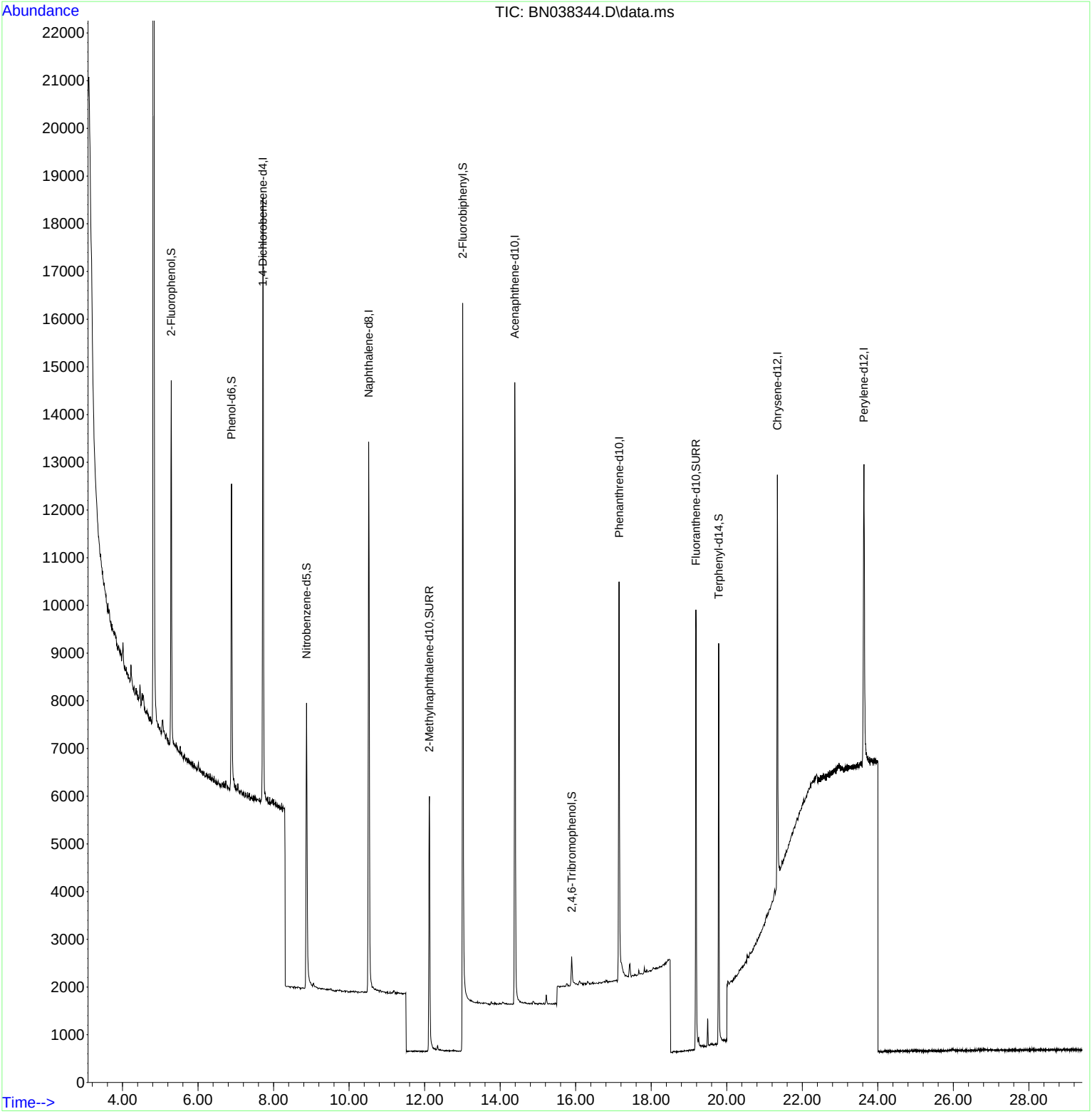
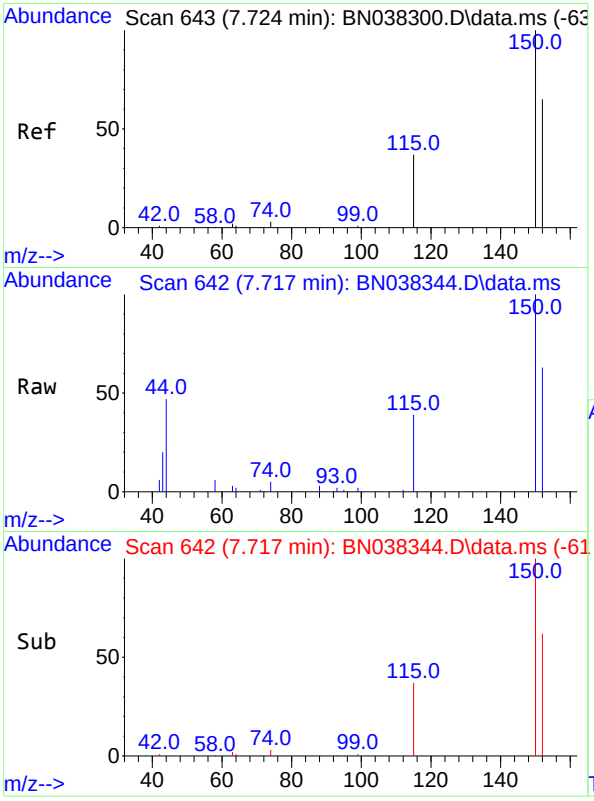


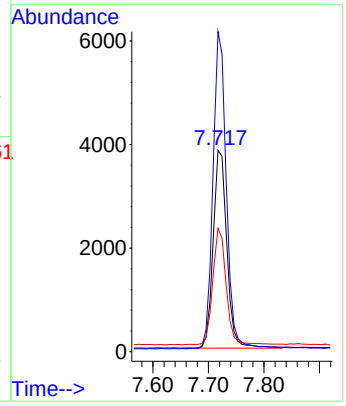


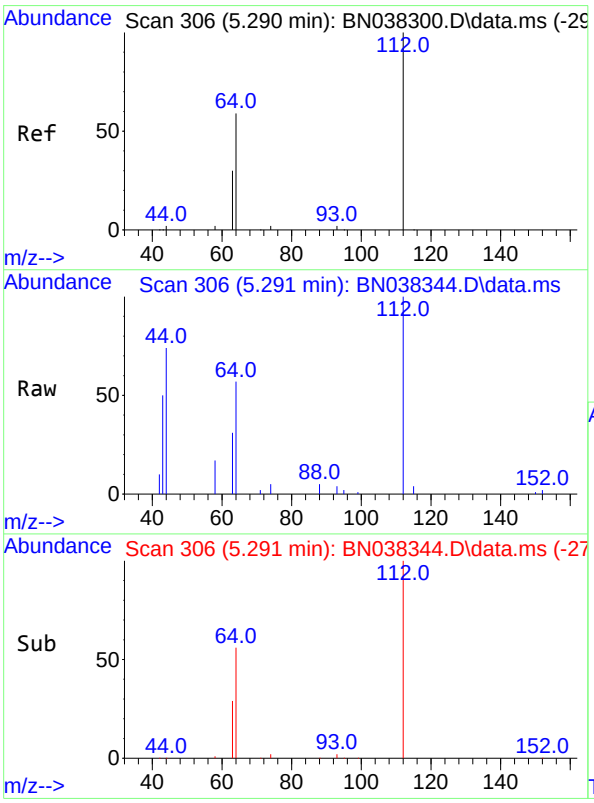
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:152 Resp: 6576

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.4	183.6
115	61.3	47.3	70.9

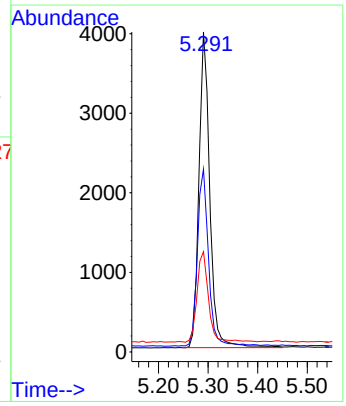


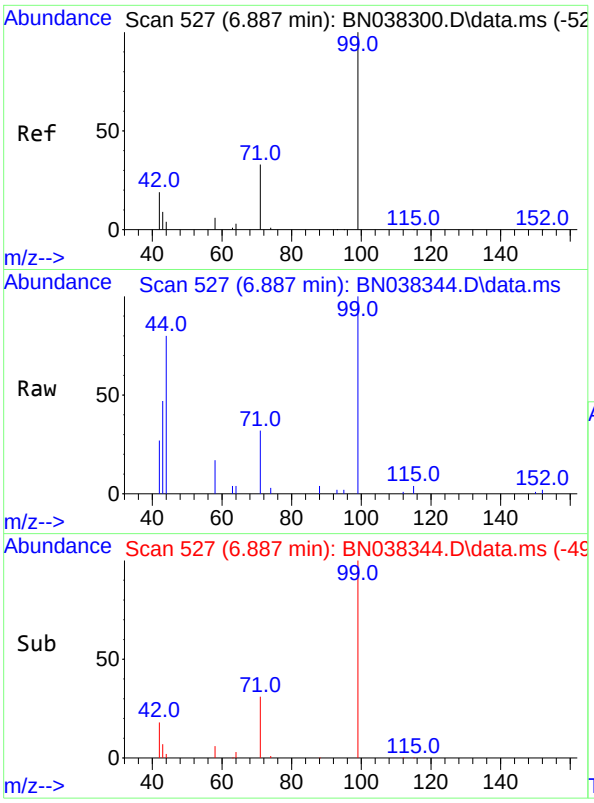


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:112 Resp: 6016

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.4	66.6
63	30.2	23.4	35.0



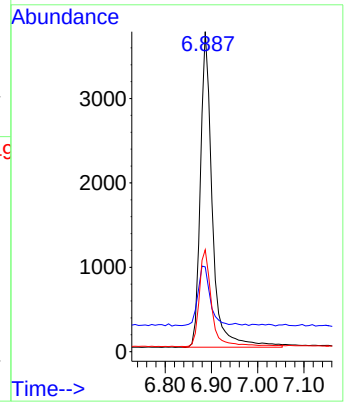


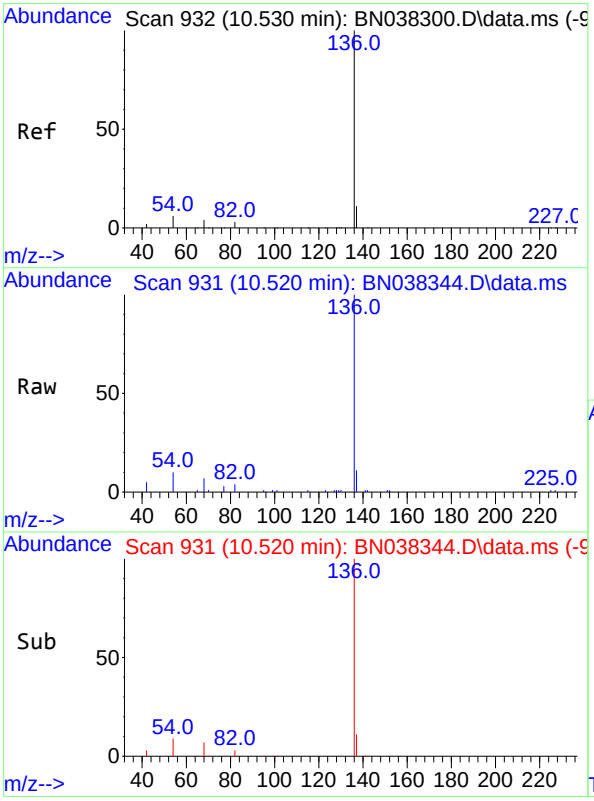
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion: 99 Resp: 6712

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	31.3	24.9	37.3

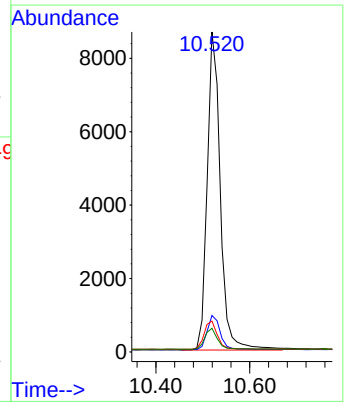


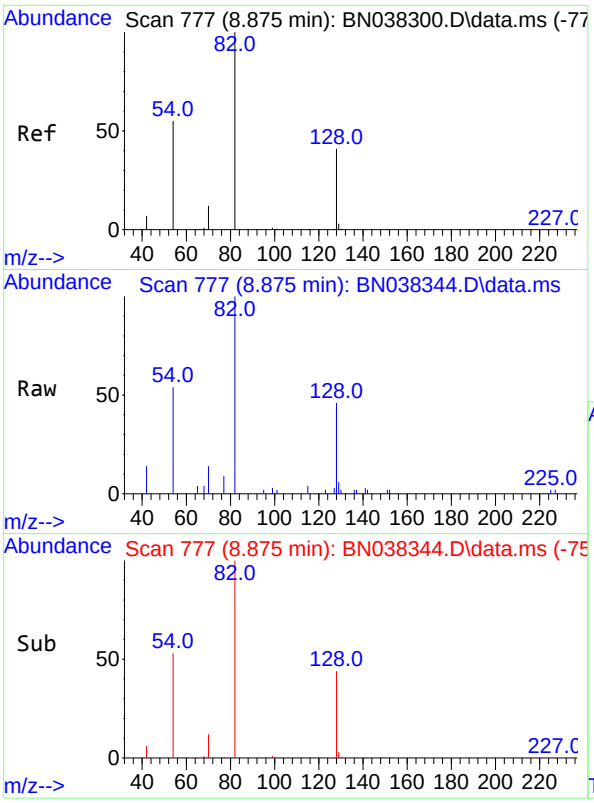


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:136 Resp: 16790

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.7	5.2	7.8#
68	7.4	4.1	6.1#



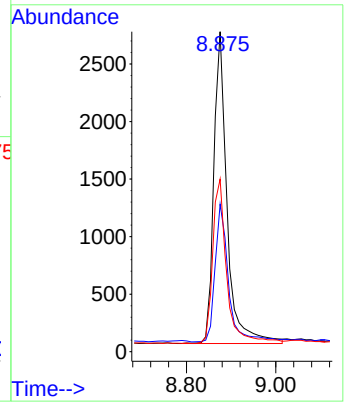


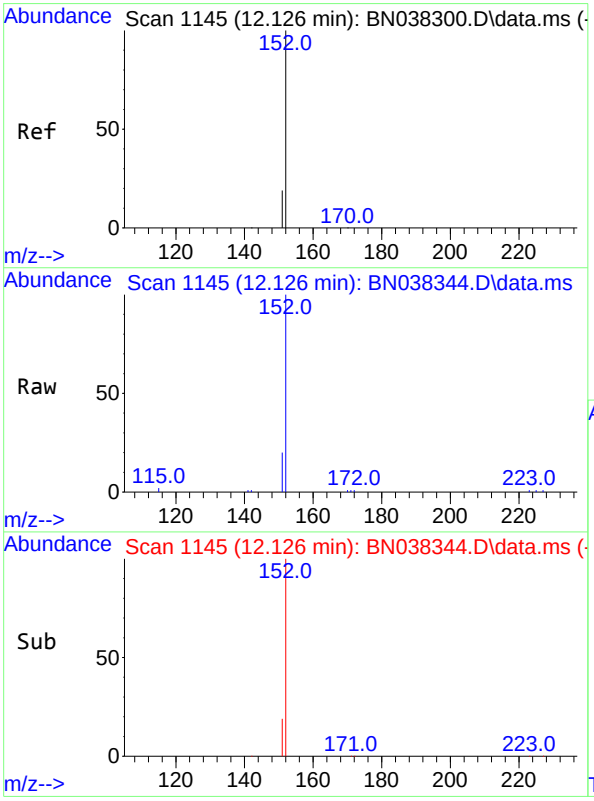
#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion: 82 Resp: 5576

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	53.9	44.4	66.6

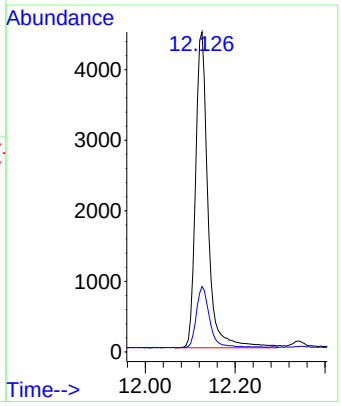


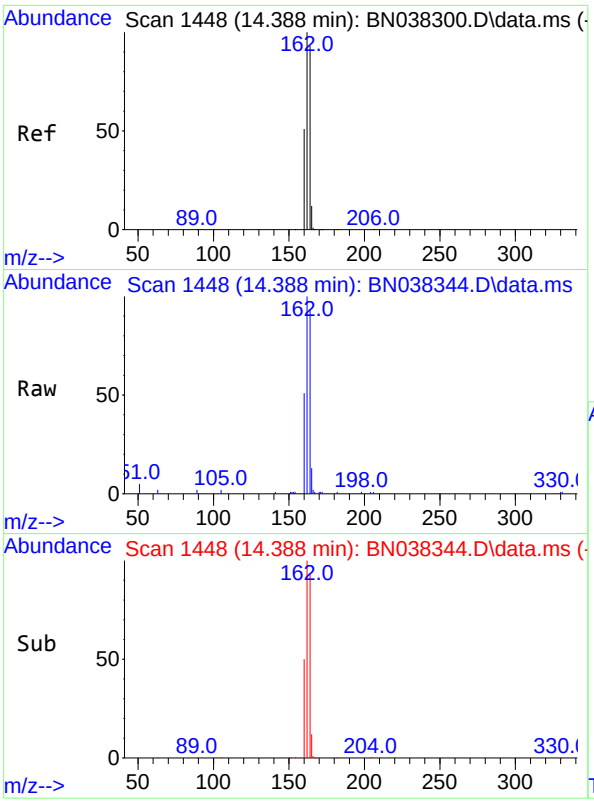


#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:152 Resp: 8585

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6



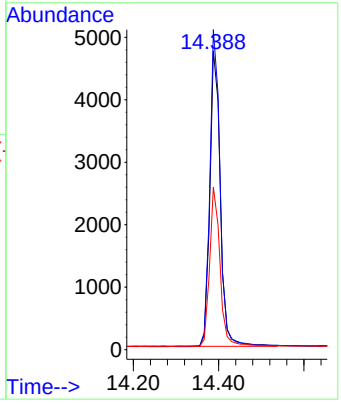


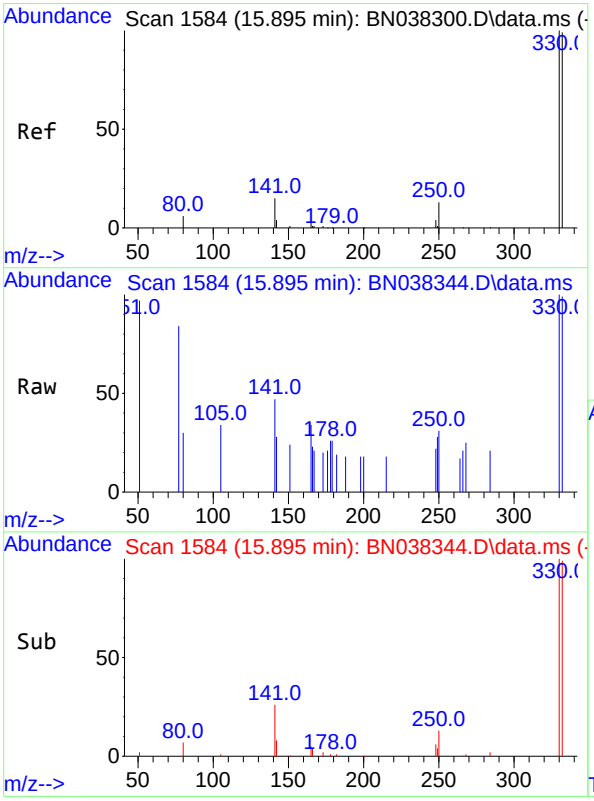
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:164 Resp: 8053

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.2	129.4
160	54.4	44.6	67.0

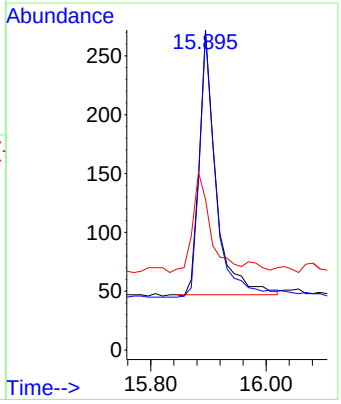


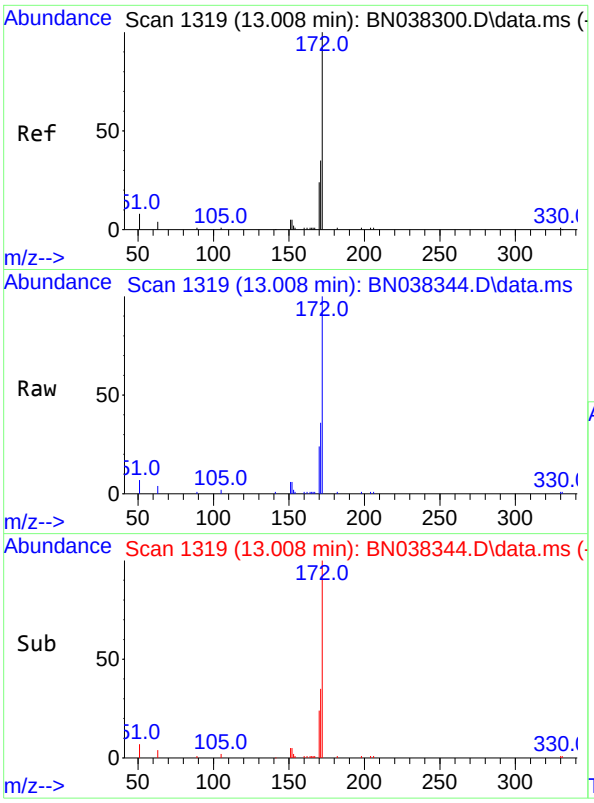


#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:330 Resp: 451

Ion	Ratio	Lower	Upper
330	100		
332	99.8	75.8	113.6
141	40.4	31.8	47.8



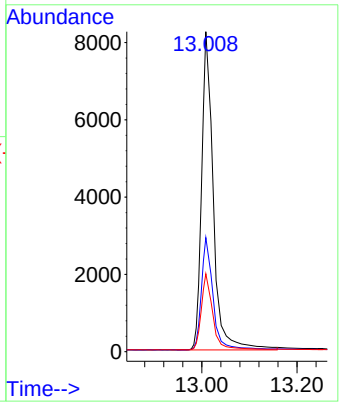


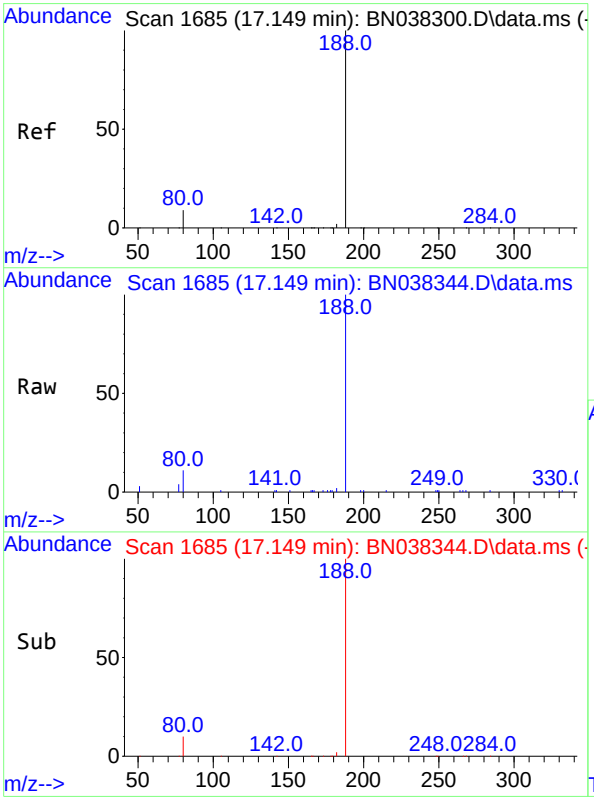
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:172 Resp: 14887

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.4	19.3	28.9

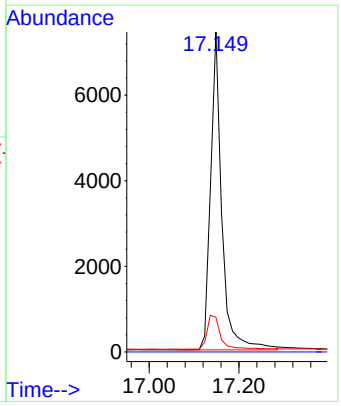


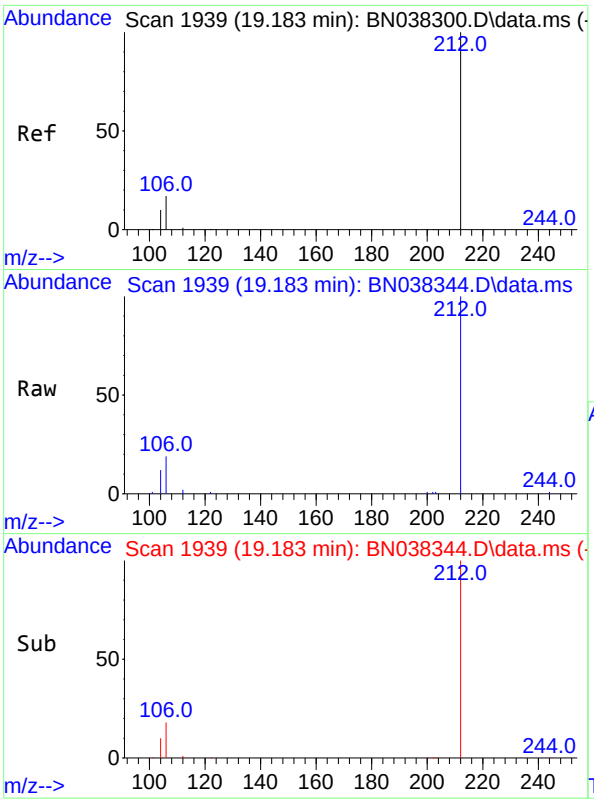


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:188 Resp: 12820

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.0



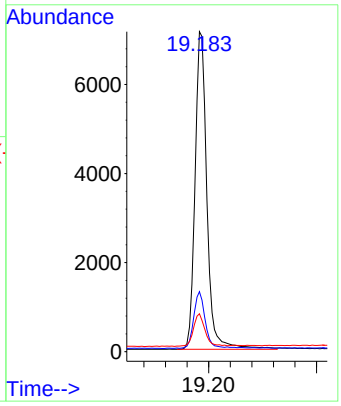


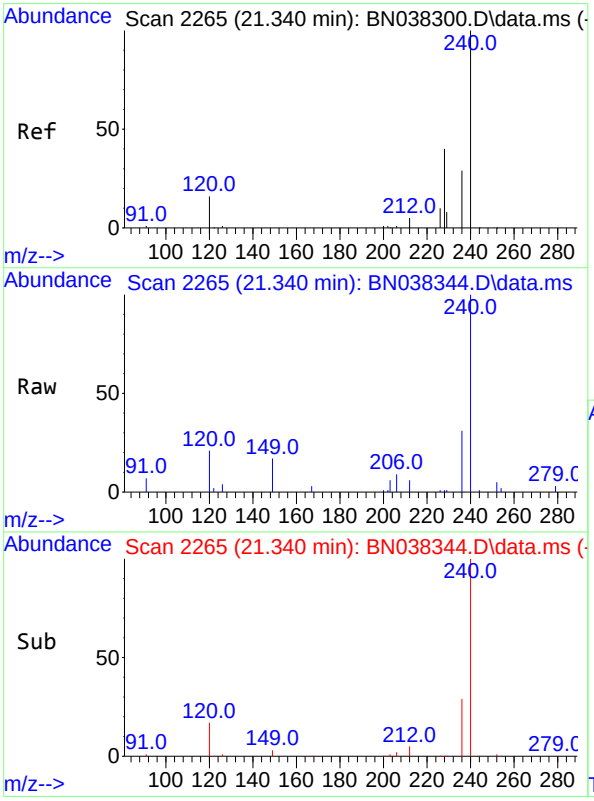
#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:212 Resp: 10905

Ion	Ratio	Lower	Upper
212	100		
106	17.3	13.7	20.5
104	10.0	7.8	11.8

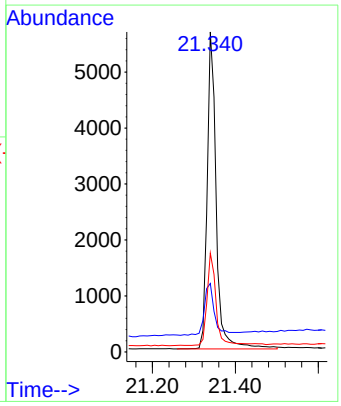


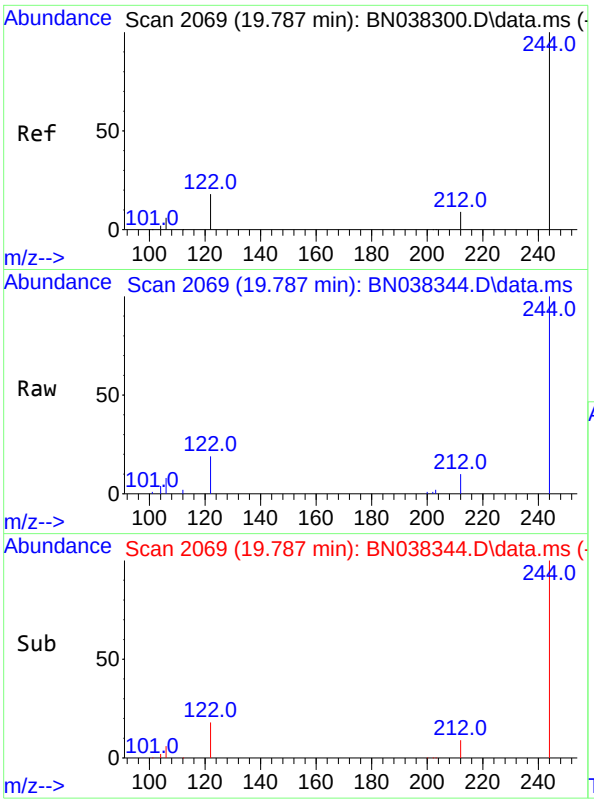


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:240 Resp: 8612

Ion	Ratio	Lower	Upper
240	100		
120	21.4	15.4	23.2
236	30.9	23.9	35.9



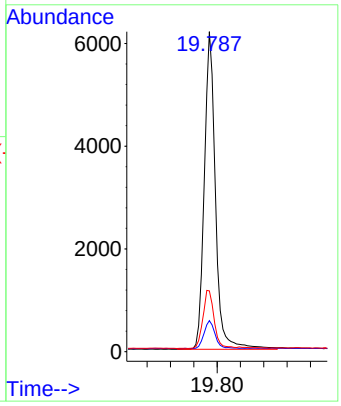


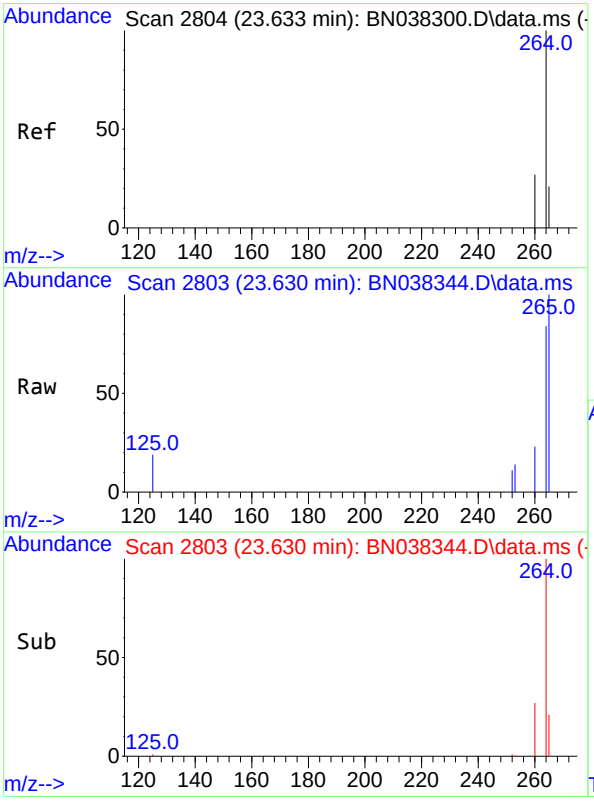
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:244 Resp: 8247

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	19.0	15.0	22.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:264 Resp: 9324

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.2
265	119.7	80.2	120.2