Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038417.D
Acq On : 15 Dec 2025 23:52
Operator : RC/JU
Sample : PB170918BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Quant Time: Dec 16 00:26:13 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	4701	0.400	ng	-0.01
7) Naphthalene-d8	10.519	136	12132	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	5875	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	10129	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	8447	0.400	ng	0.00
35) Perylene-d12	23.616	264	9125	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4132	0.353	ng	0.00
5) Phenol-d6	6.879	99	4488	0.322	ng	0.00
8) Nitrobenzene-d5	8.865	82	3678	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5556	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	15.895	330	609	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	11225	0.397	ng	0.00
27) Fluoranthene-d10	19.178	212	9093	0.363	ng	0.00
31) Terphenyl-d14	19.777	244	6981	0.370	ng	-0.01
Target Compounds						Qvalue

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

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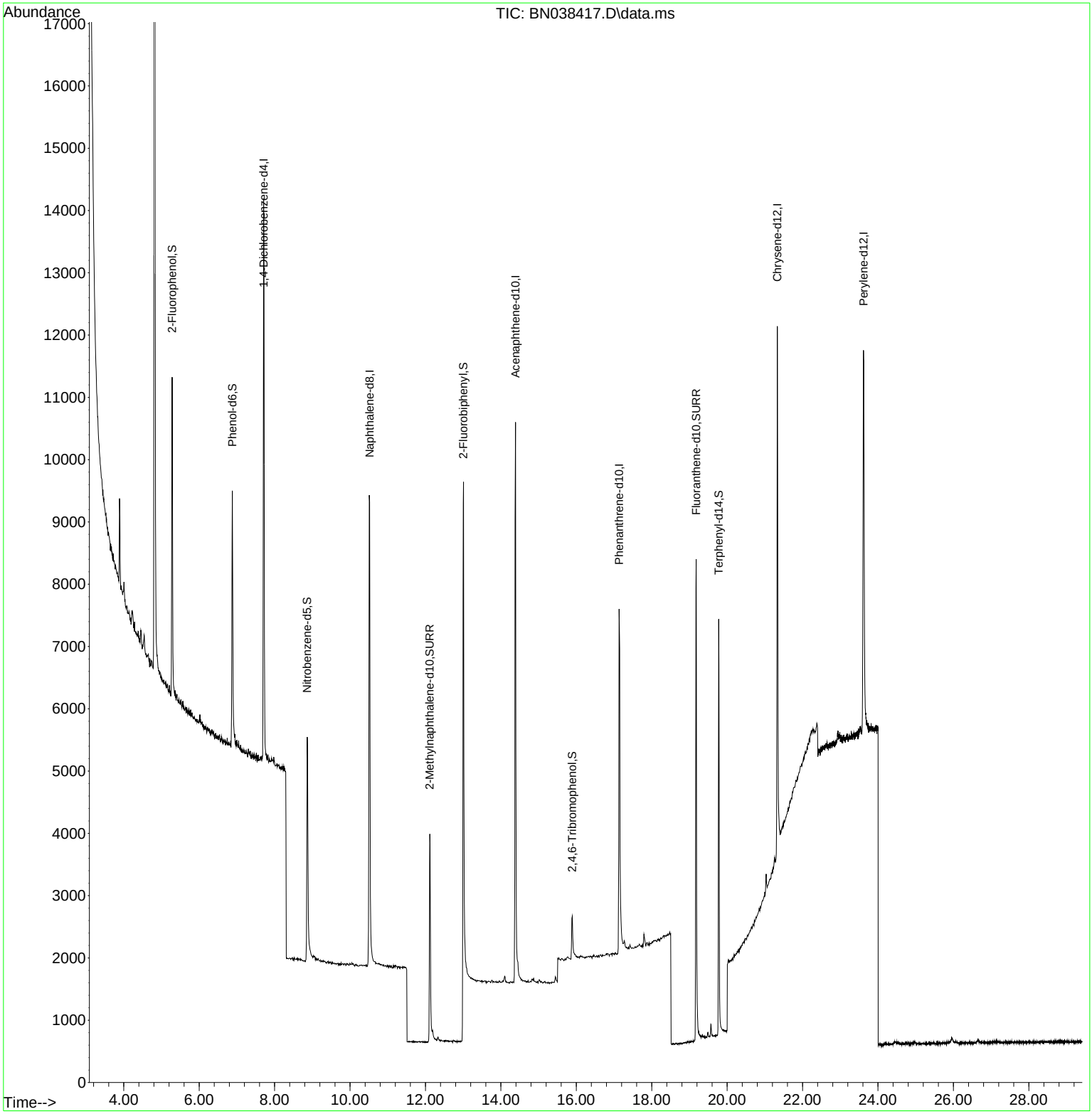
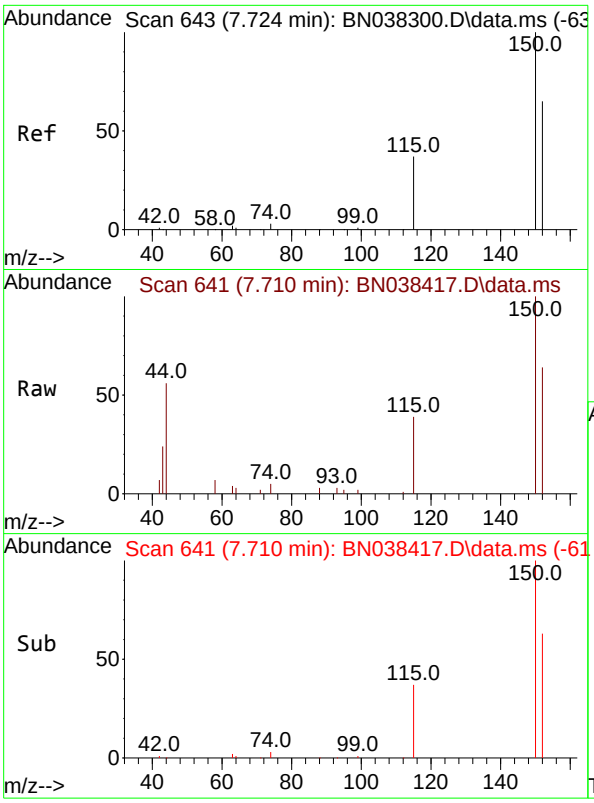


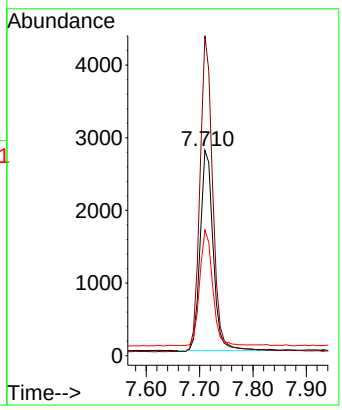


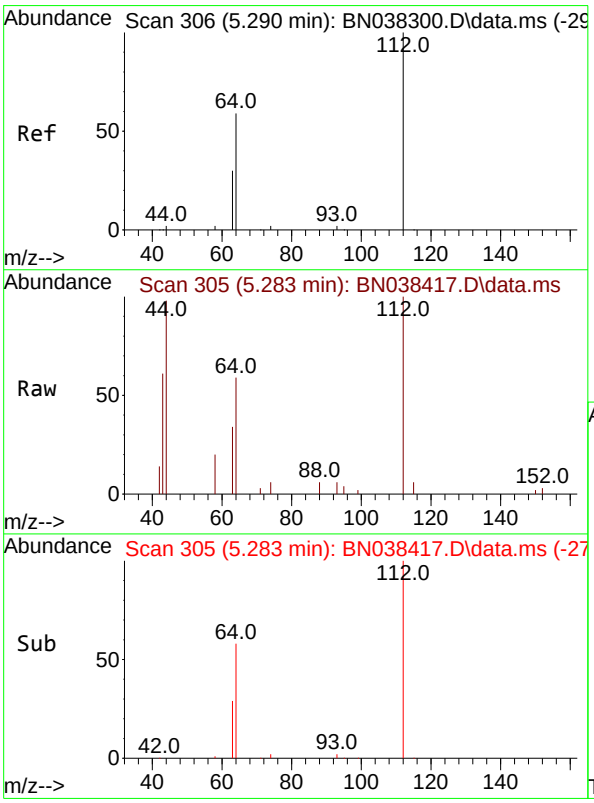
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion:152 Resp: 4701

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.4	183.6
115	61.3	47.3	70.9

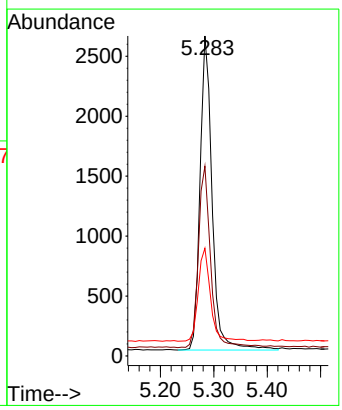


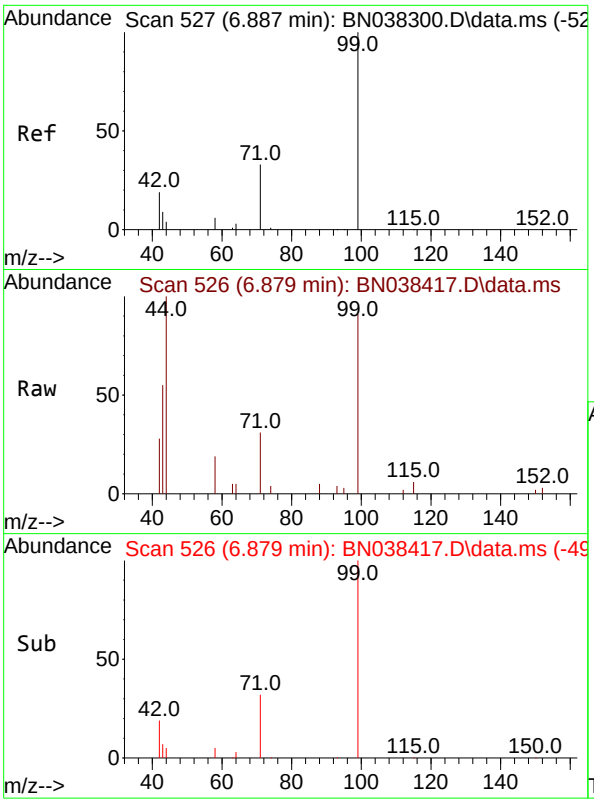


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:112 Resp: 4132

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.4	66.6
63	29.9	23.4	35.0



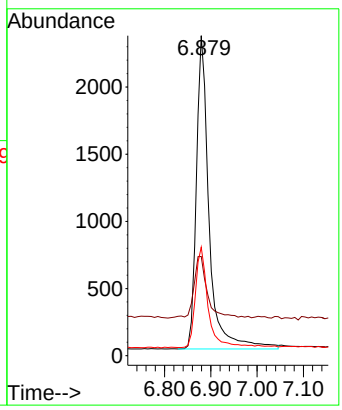


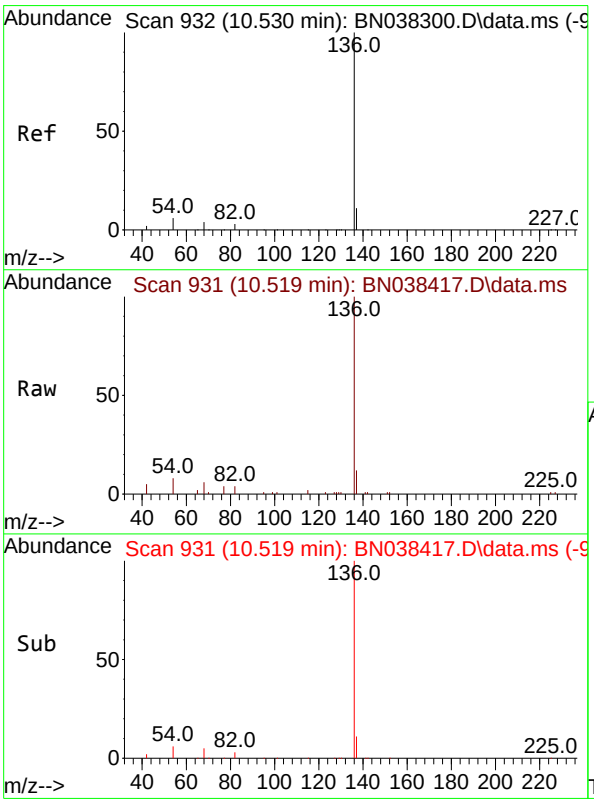
#5
Phenol-d6
Concen: 0.322 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion: 99 Resp: 4488

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.5	24.7
71	32.1	24.9	37.3

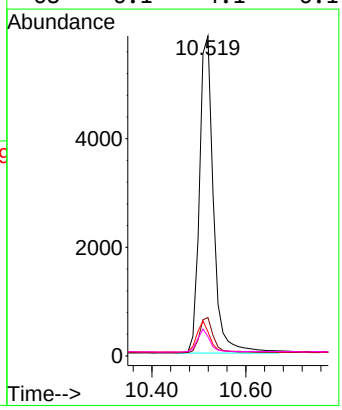


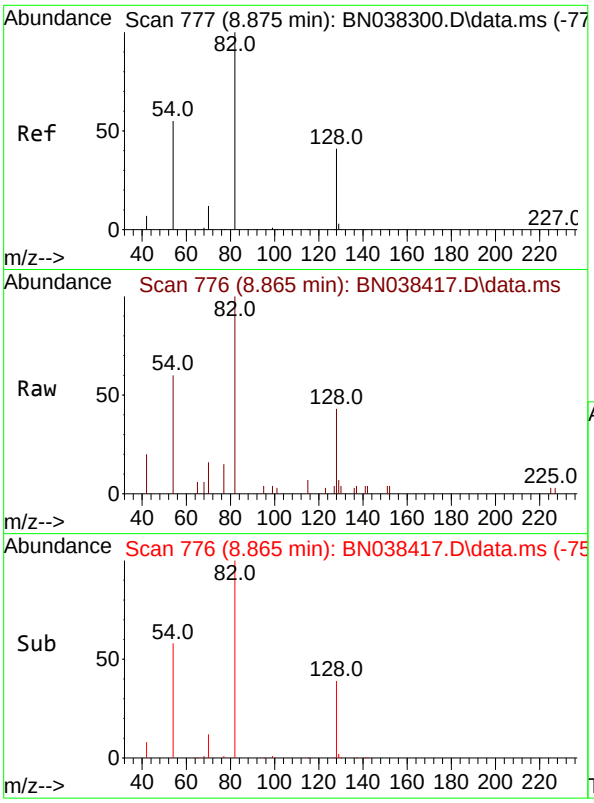


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:136 Resp: 12132

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	7.6	5.2	7.8
68	6.1	4.1	6.1



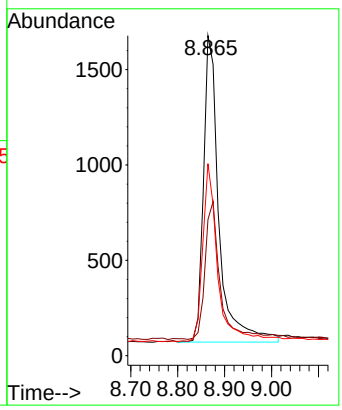


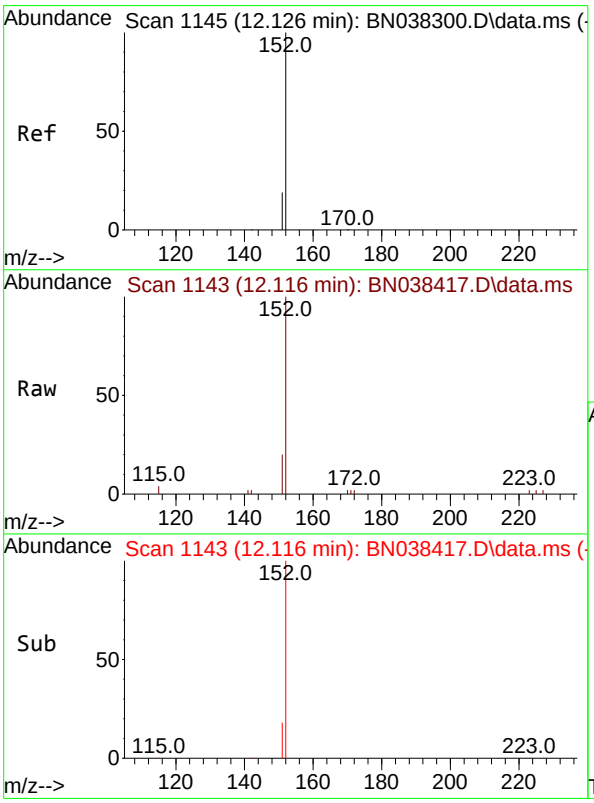
#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion: 82 Resp: 3678

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	60.0	44.4	66.6

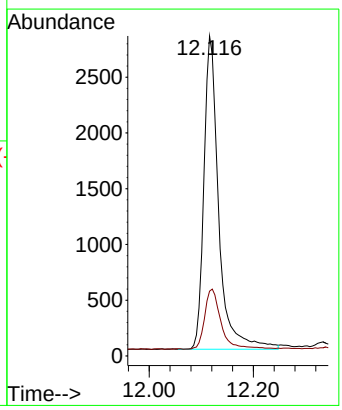


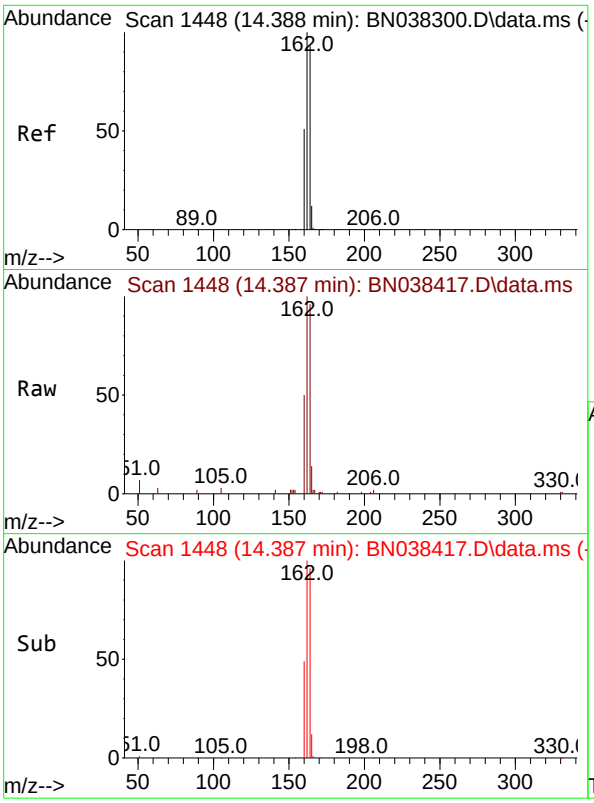


#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:152 Resp: 5556

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6



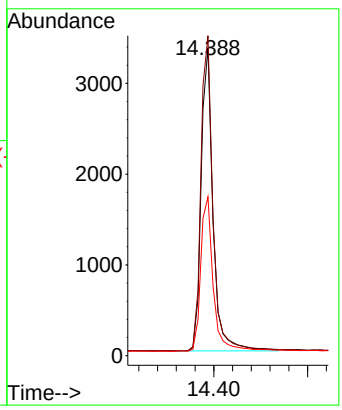


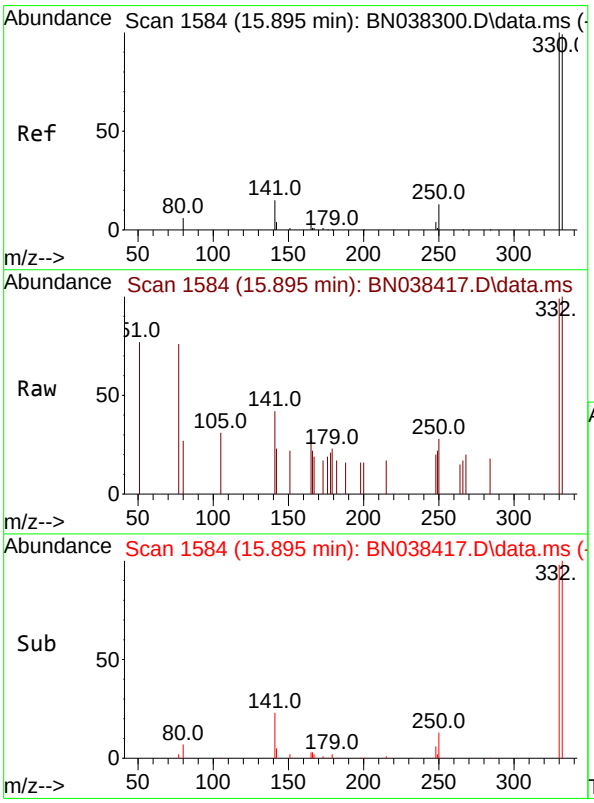
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion:164 Resp: 5875

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.2	129.4
160	51.6	44.6	67.0

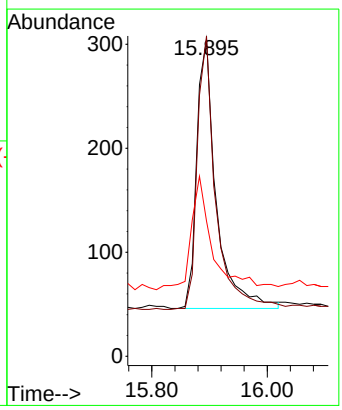


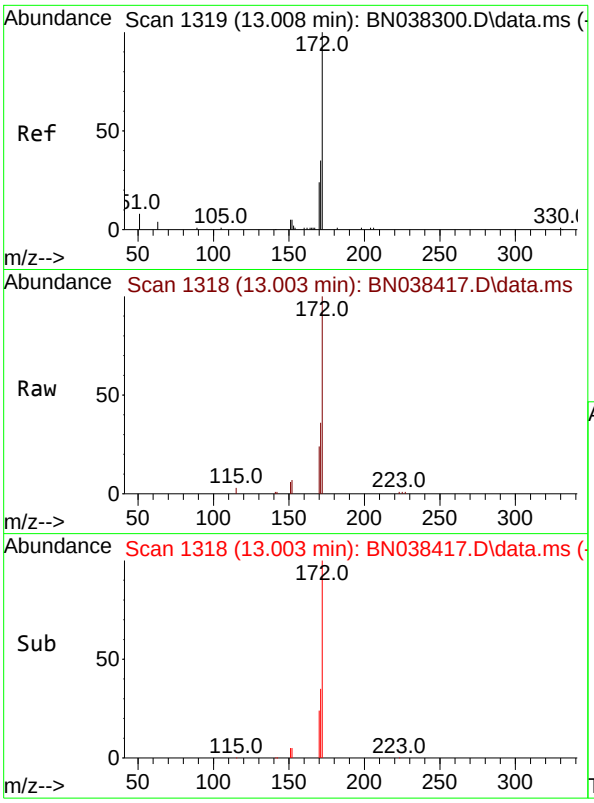


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:330 Resp: 609

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.8	113.6
141	46.0	31.8	47.8



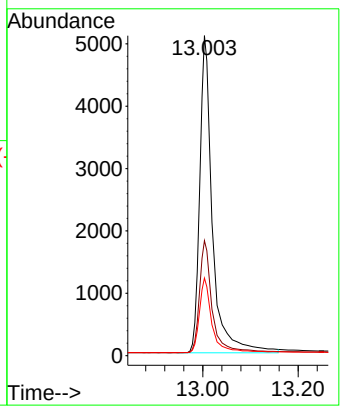


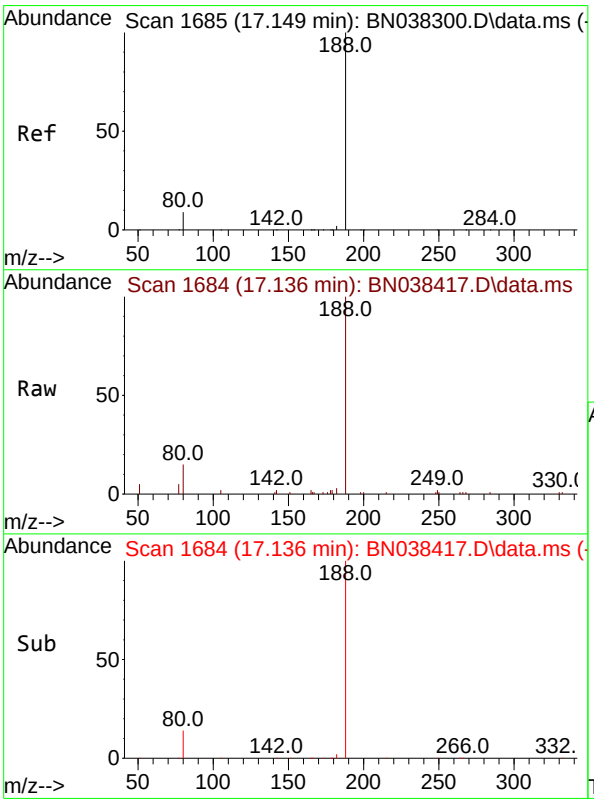
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion:172 Resp: 11225

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.2	19.3	28.9

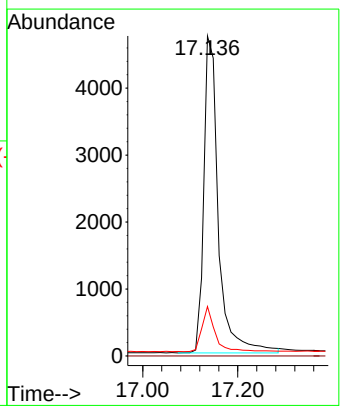


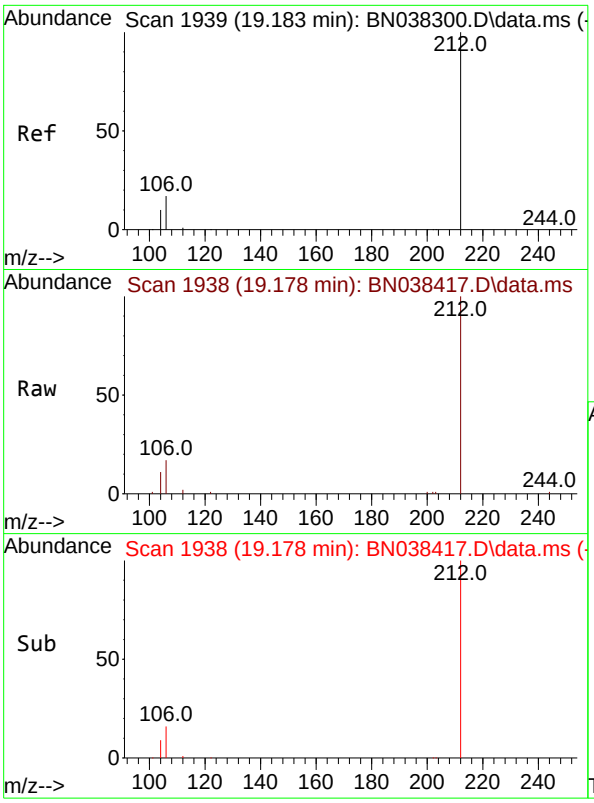


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:188 Resp: 10129

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	7.4	11.0#



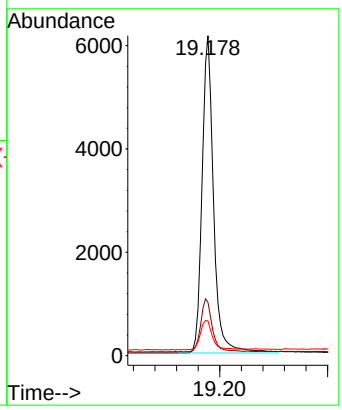


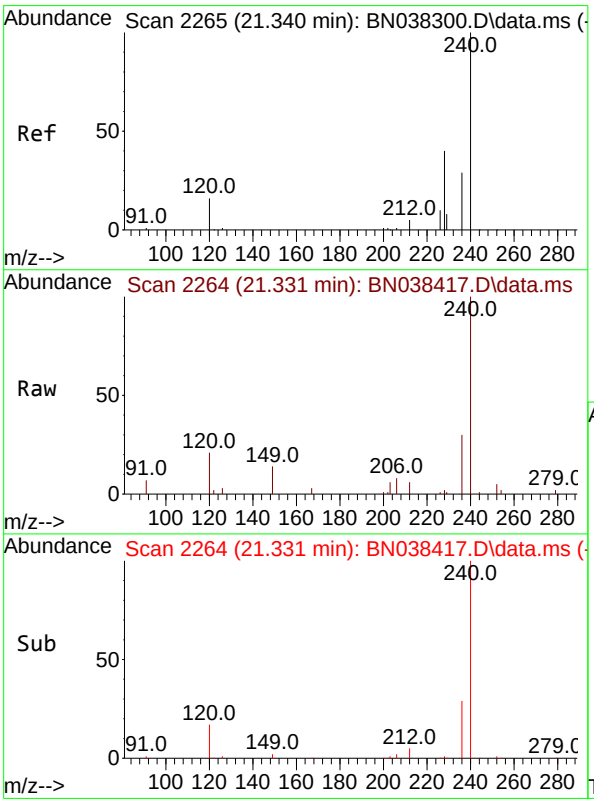
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.178 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion:212 Resp: 9093

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.7	20.5
104	9.8	7.8	11.8

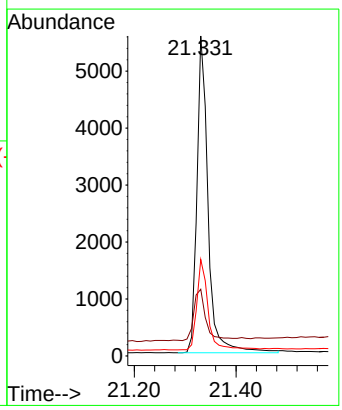


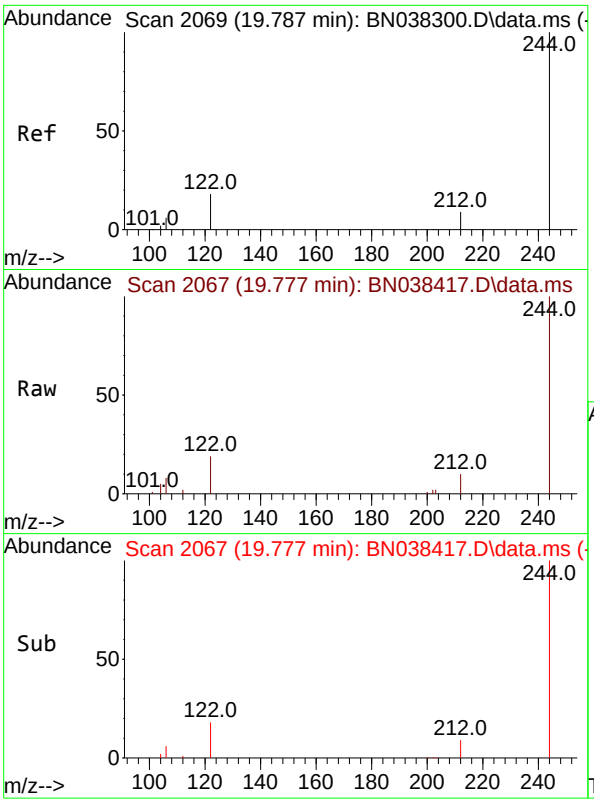


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:240 Resp: 8447

Ion	Ratio	Lower	Upper
240	100		
120	20.8	15.4	23.2
236	30.2	23.9	35.9



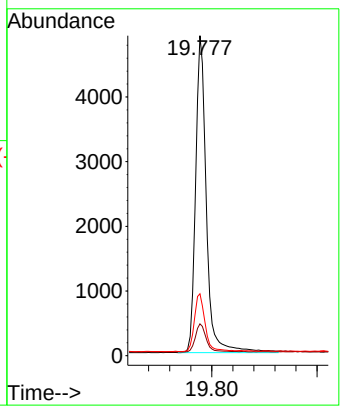


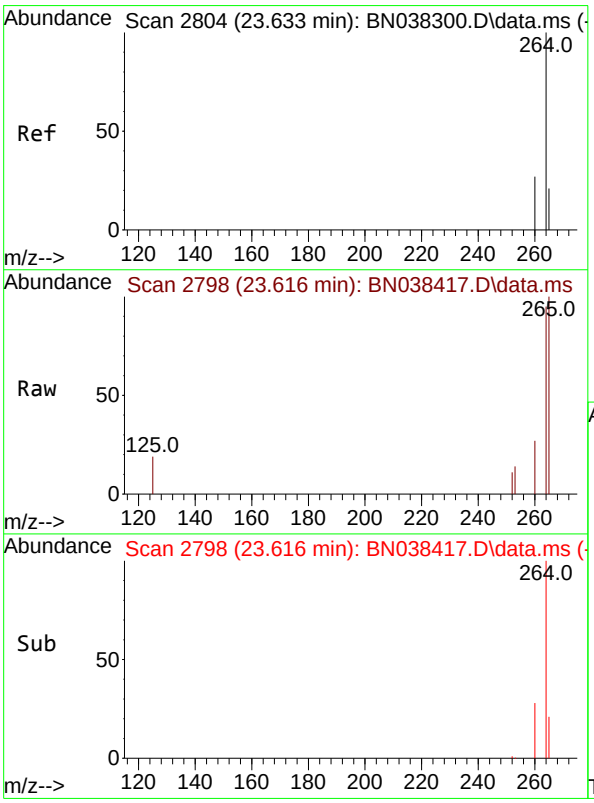
#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.777 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion:244 Resp: 6981

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	19.4	15.0	22.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2798
Delta R.T. -0.018 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:264 Resp: 9125

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.2	33.2
265	104.8	80.2	120.2