Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037970.D
Acq On : 01 Oct 2025 06:36
Operator : RC/JU
Sample : Q3193-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Quant Time: Oct 01 10:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7743	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	20020	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	10144	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	18515	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	12540	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	11301	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2835	0.160	ng	0.00
5) Phenol-d6	6.966	99	2615	0.113	ng	0.00
8) Nitrobenzene-d5	8.961	82	4298	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	7052	0.254	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1101	0.286	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	11287	0.272	ng	-0.01
27) Fluoranthene-d10	19.248	212	14086	0.302	ng	0.00
31) Terphenyl-d14	19.843	244	11665	0.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	804	0.102	ng	# 22
34) Bis(2-ethylhexyl)phtha...	21.313	149	1426	0.082	ng	100

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

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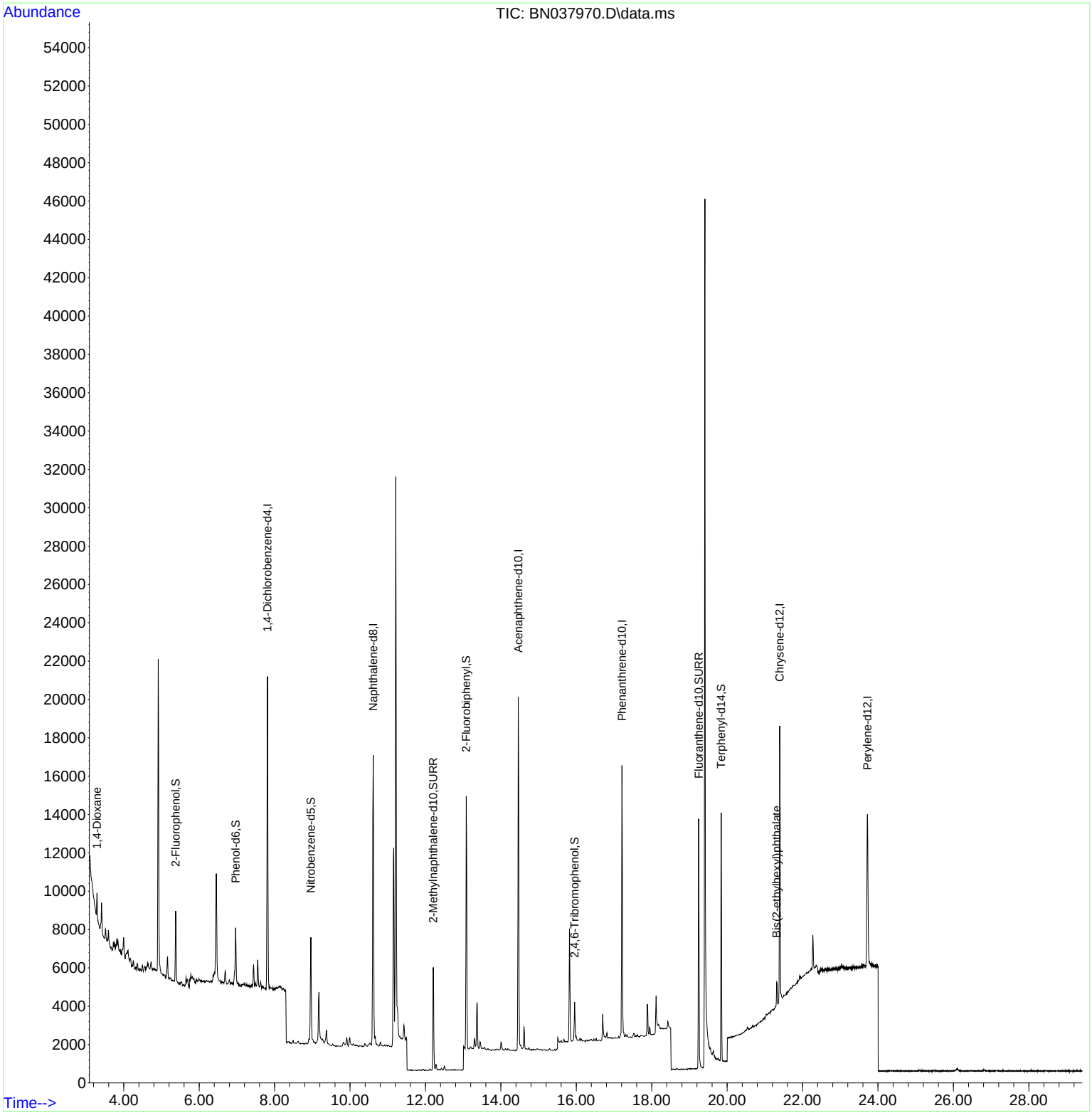
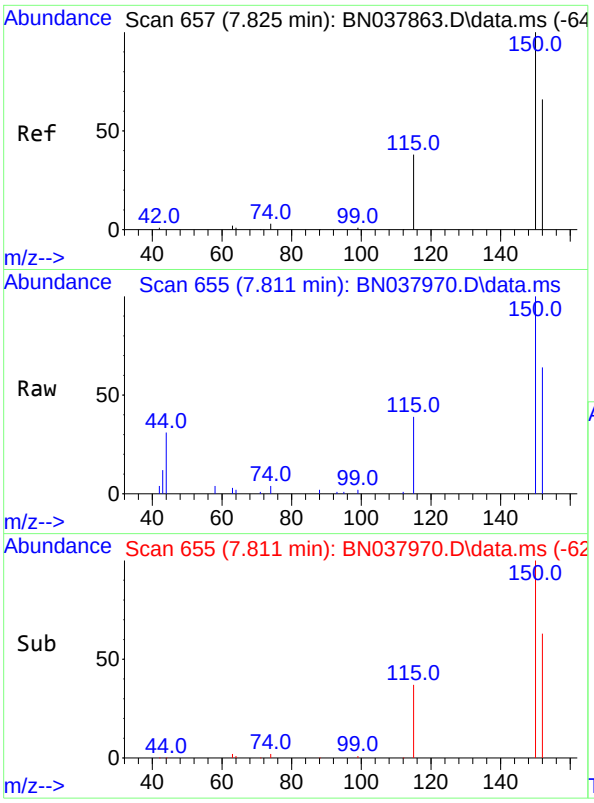


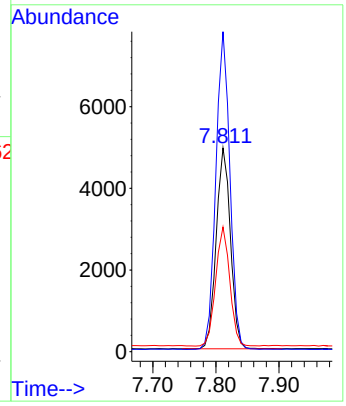


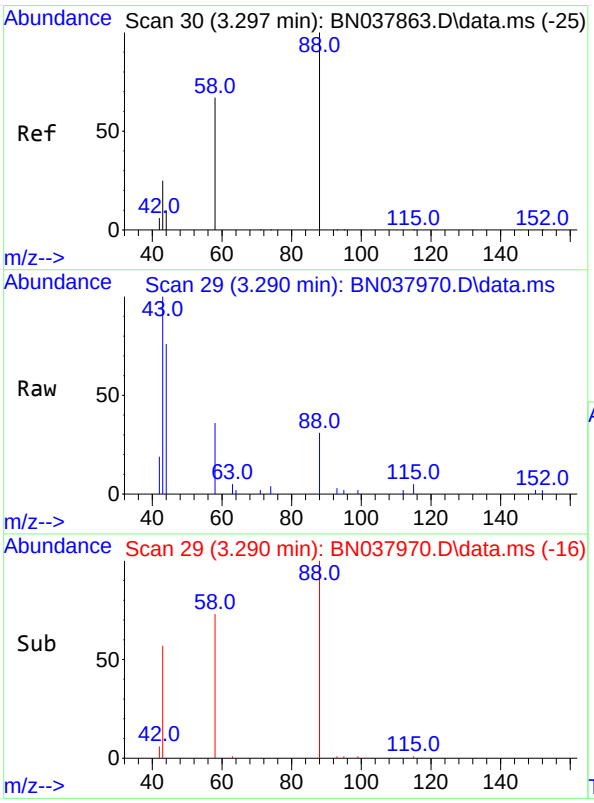
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:152 Resp: 7743

Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.0	181.4
115	61.2	47.4	71.0

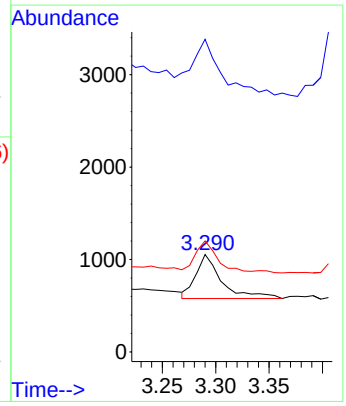


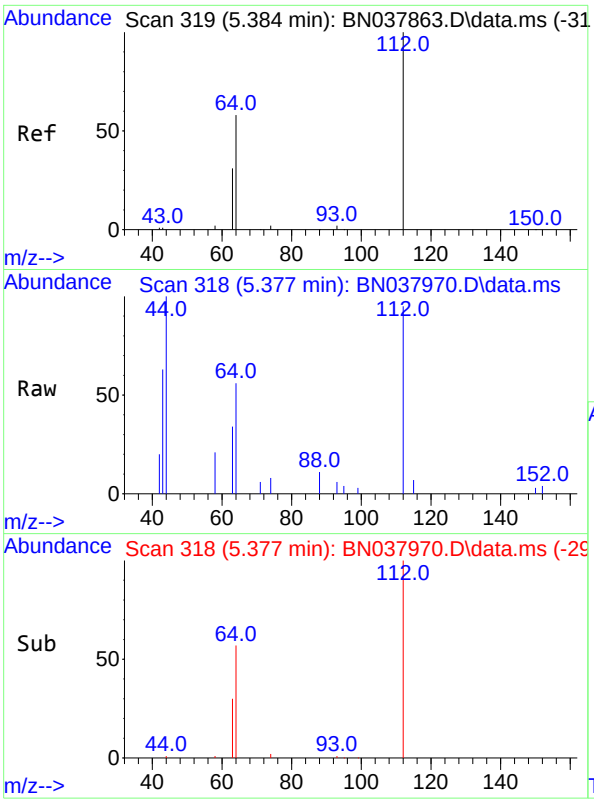


#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion: 88 Resp: 804

Ion	Ratio	Lower	Upper
88	100		
43	145.4	26.6	39.8#
58	53.7	58.9	88.3#



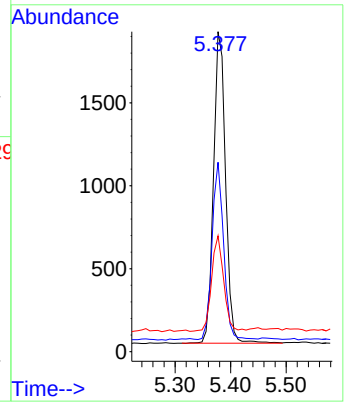


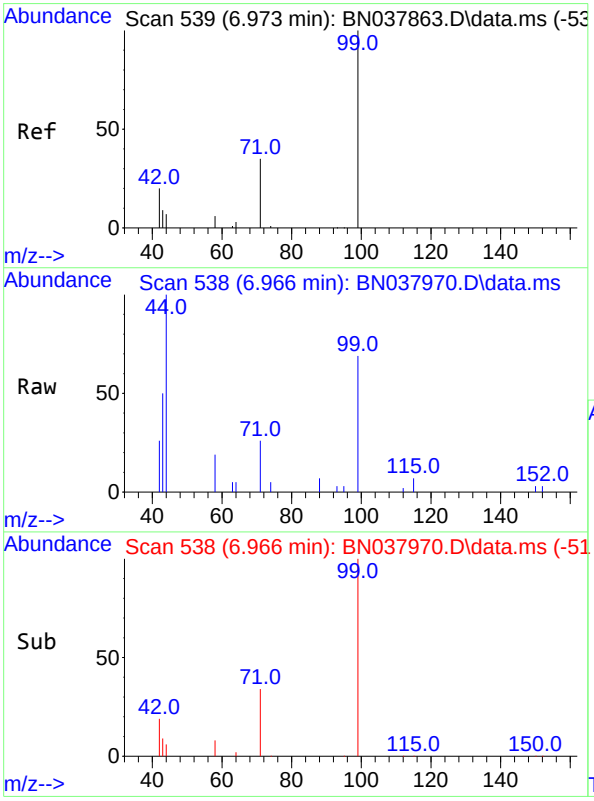
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.377 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:112 Resp: 2835

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.6	66.8
63	30.9	24.9	37.3

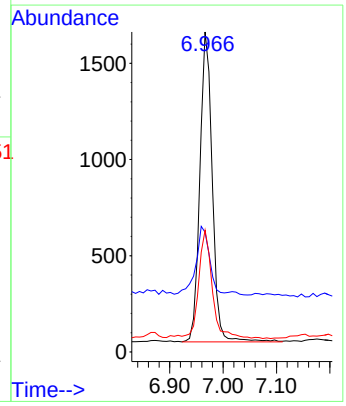


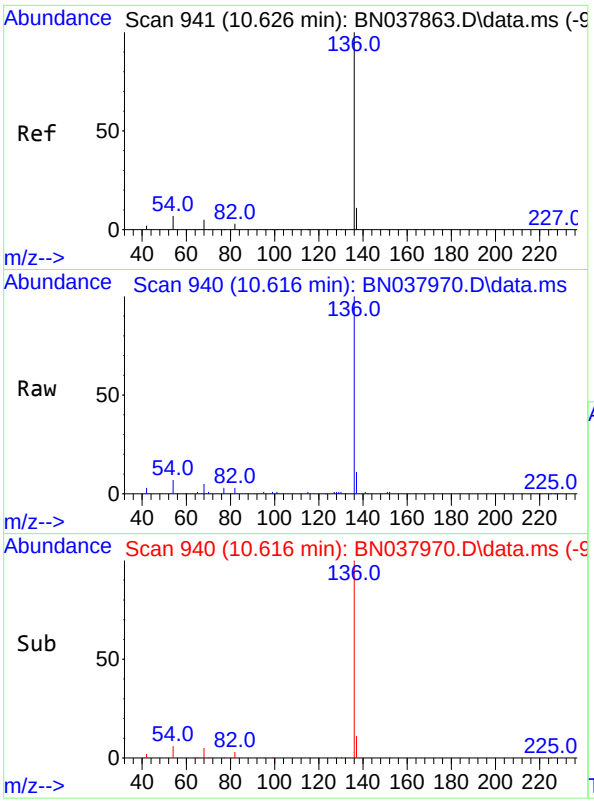


#5
Phenol-d6
Concen: 0.113 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion: 99 Resp: 2615

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.2	25.8
71	37.9	27.3	40.9



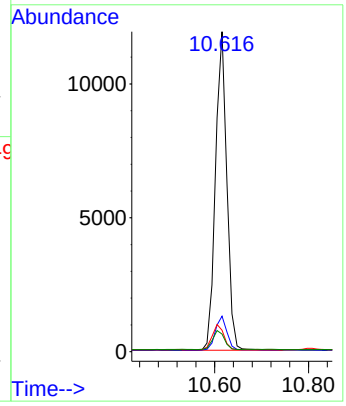


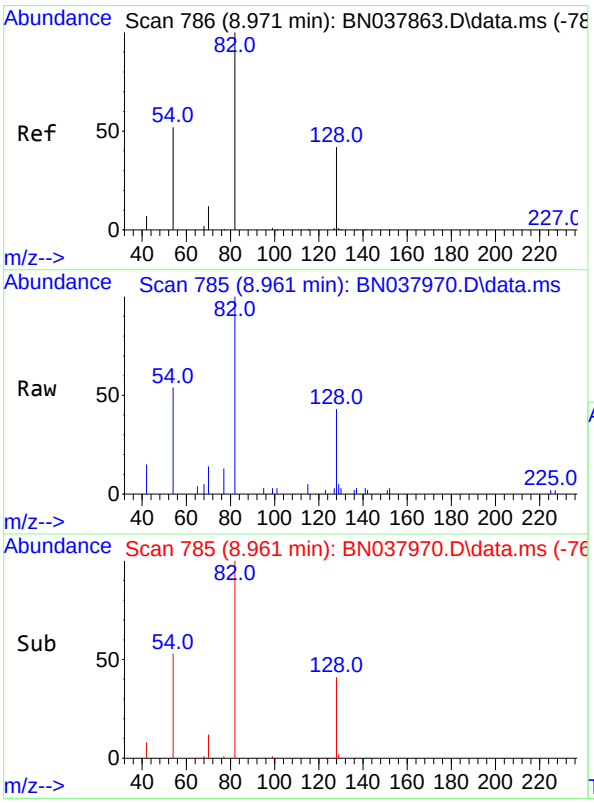
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:136 Resp: 20020

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.8	8.8
68	5.5	4.3	6.5

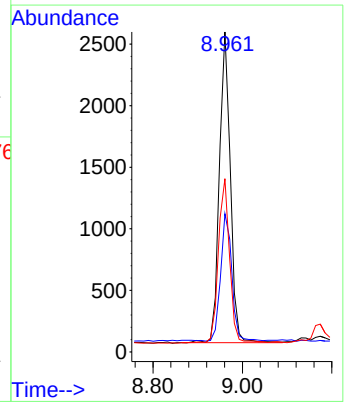


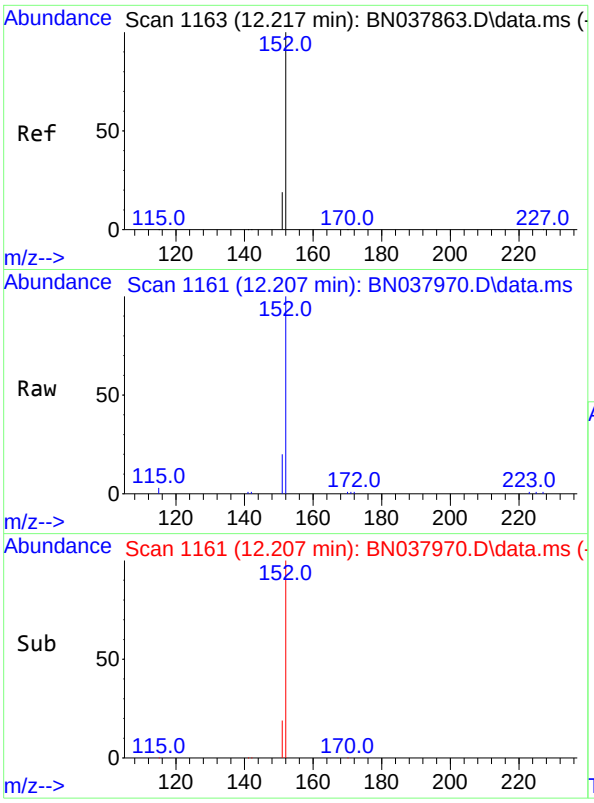


#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion: 82 Resp: 4298

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.8	52.2
54	54.1	42.2	63.2



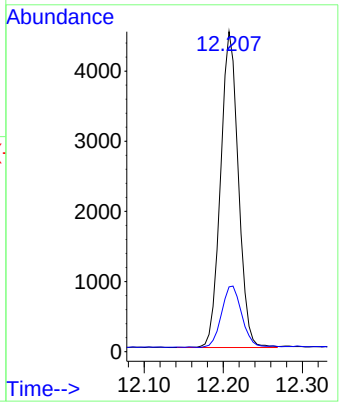


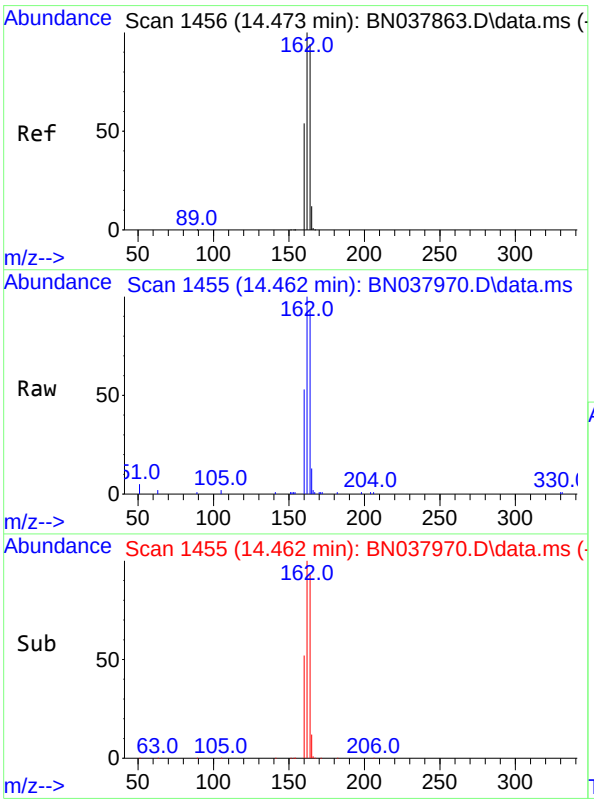
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:152 Resp: 7052

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.4	26.2

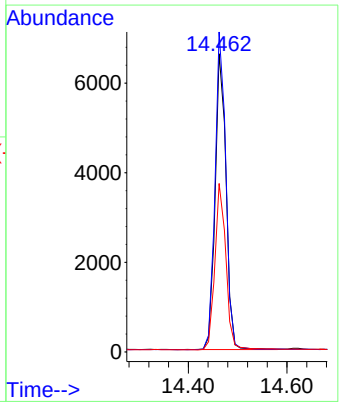


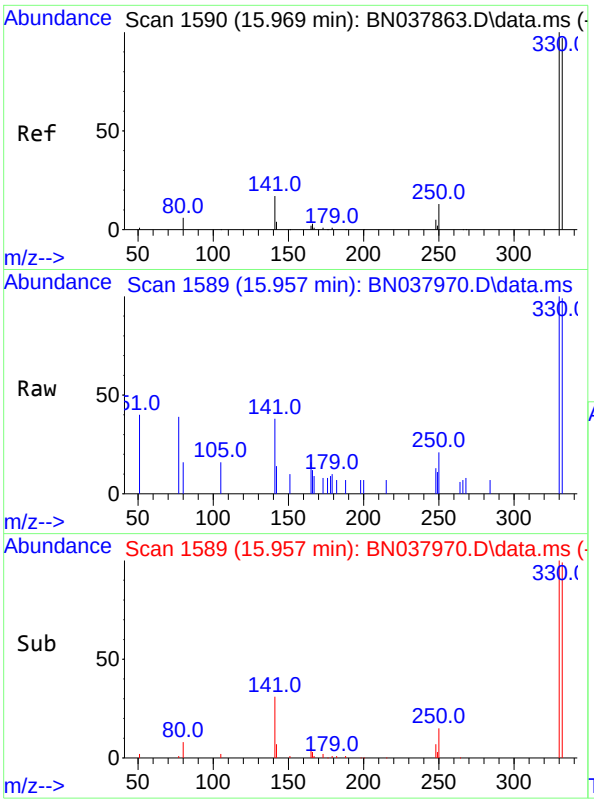


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:164 Resp: 10144

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.8	127.2
160	56.5	46.1	69.1



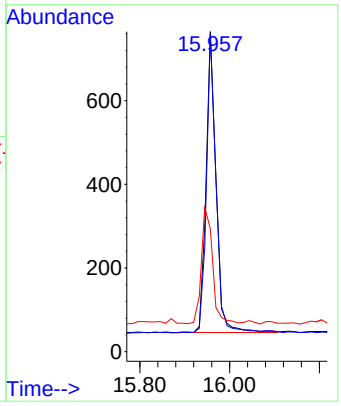


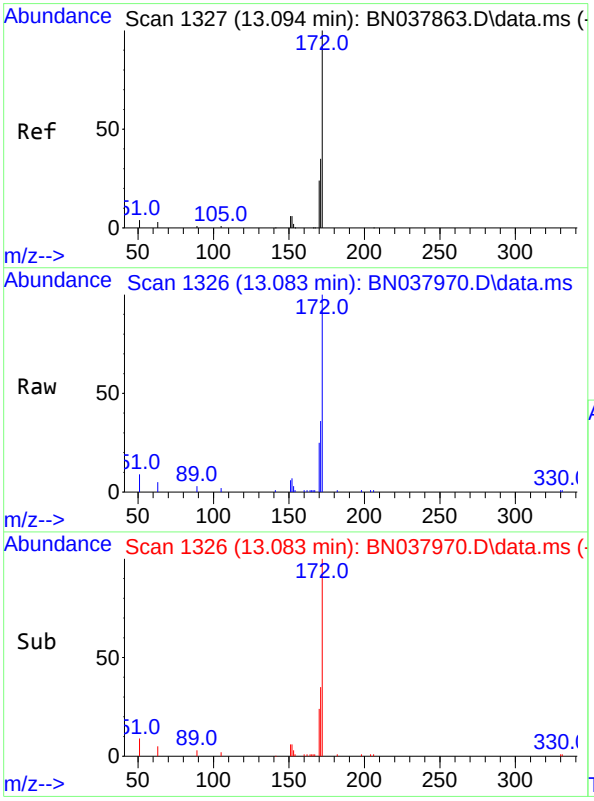
#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:330 Resp: 1101

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	43.5	37.2	55.8

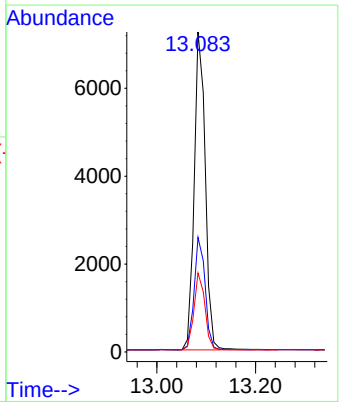


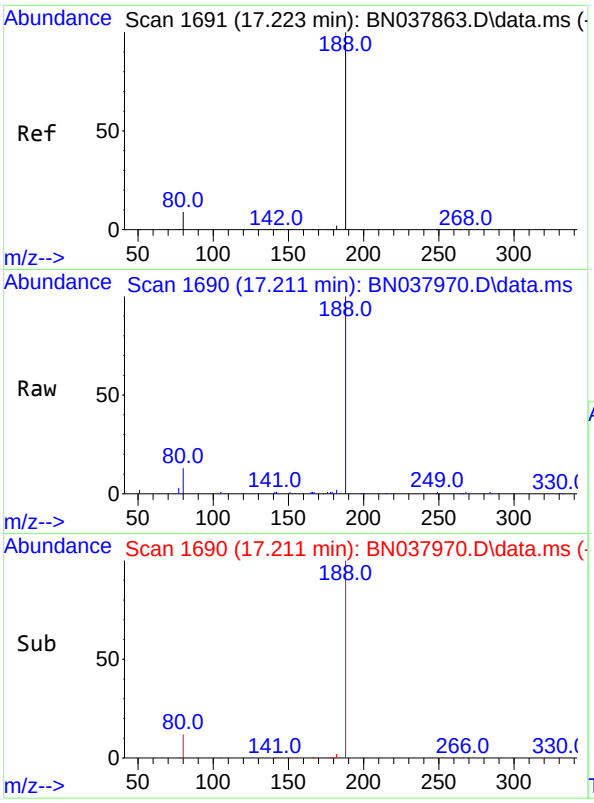


#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:172 Resp: 11287

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.7	19.7	29.5



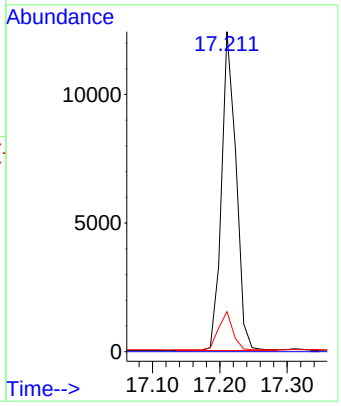


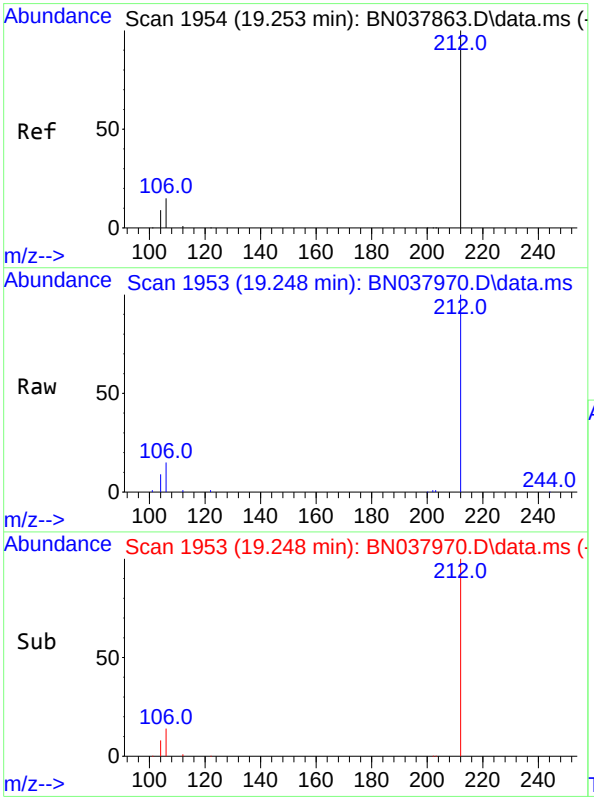
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:188 Resp: 18515

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.6	11.4#

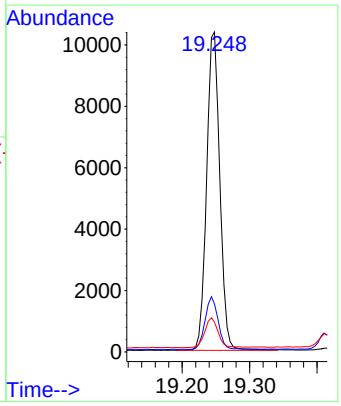


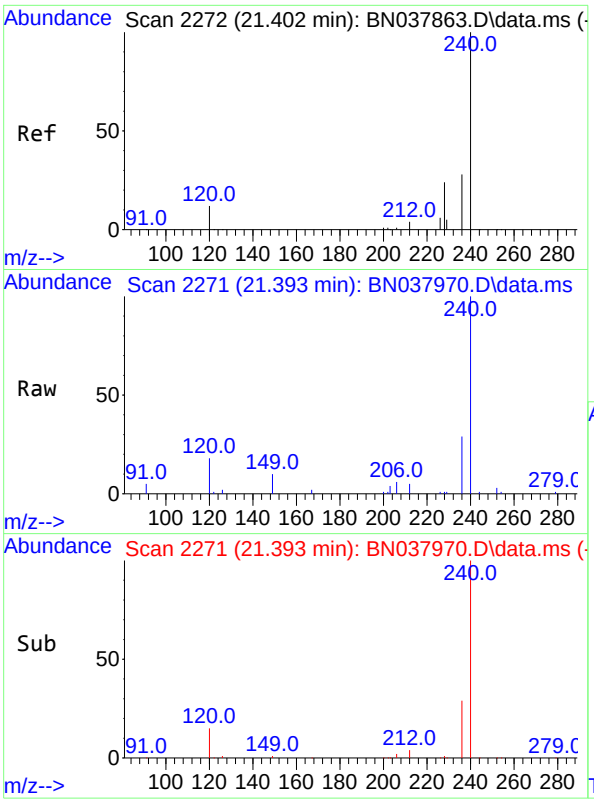


#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:212 Resp: 14086

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.7	7.4	11.0



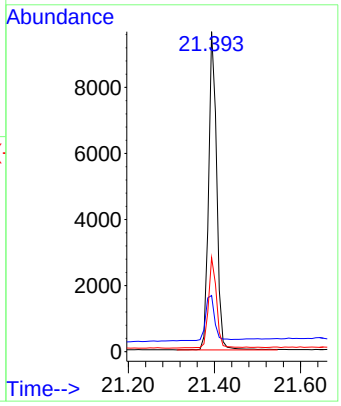


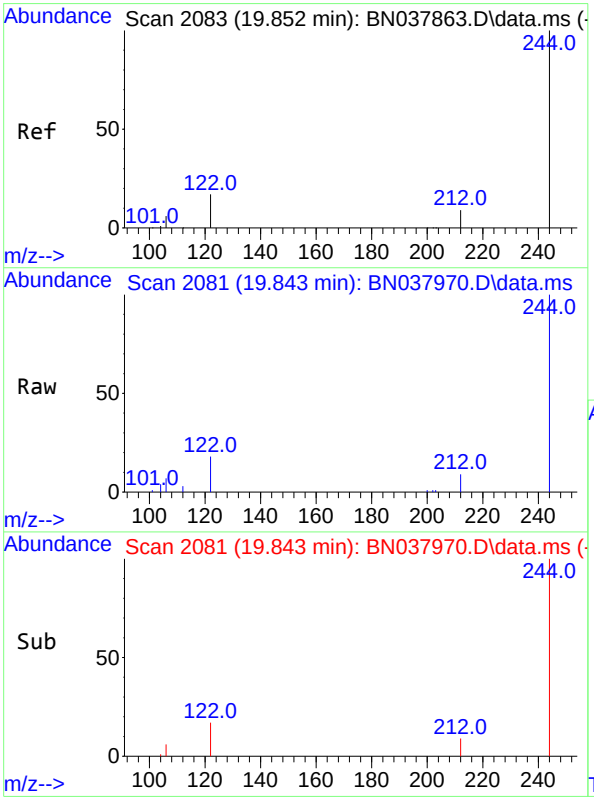
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:240 Resp: 12540

Ion	Ratio	Lower	Upper
240	100		
120	17.6	11.4	17.2#
236	29.4	23.0	34.6

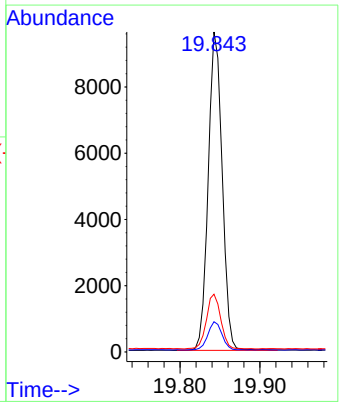


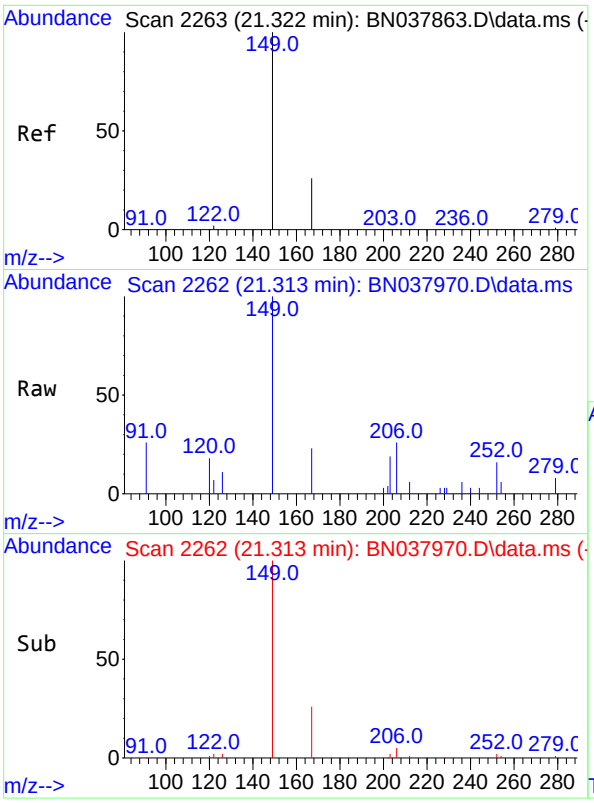


#31
Terphenyl-d14
Concen: 0.467 ng
RT: 19.843 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:244 Resp: 11665

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.6	11.4
122	18.0	13.9	20.9



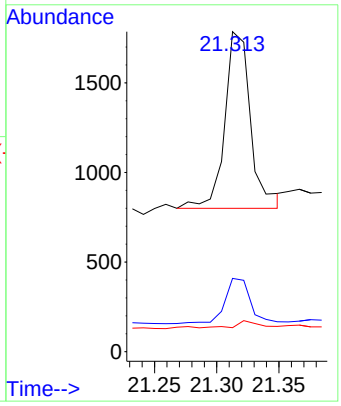


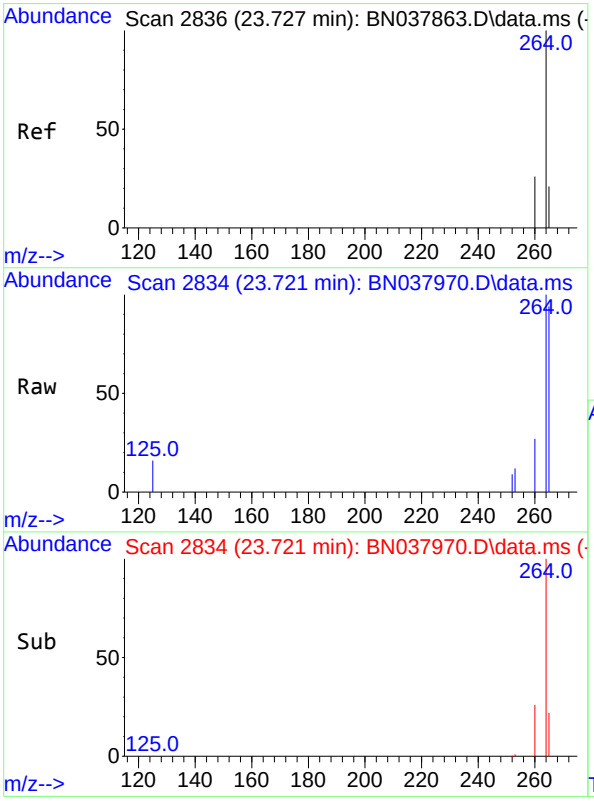
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.313 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

Tgt Ion:149 Resp: 1426

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.4	30.6
279	3.2	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:264 Resp: 11301

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	93.6	53.8	80.6#