Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
Data File : BN037027.D
Acq On : 15 May 2025 11:07
Operator : RC/JU
Sample : Q2012-01DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 15 12:13:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2107	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5709	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3269	0.400	ng	0.00
19) Phenanthrene-d10	17.008	188	7047	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	6221	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	5675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	350	0.063	ng	0.00
5) Phenol-d6	6.795	99	241	0.035	ng	0.00
8) Nitrobenzene-d5	8.771	82	827	0.133	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	1131	0.141	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	445	0.310	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	2094	0.140	ng	0.00
27) Fluoranthene-d10	19.045	212	3517	0.182	ng	0.00
31) Terphenyl-d14	19.653	244	6983	0.525	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	7254	2.806	ng	95
6) bis(2-Chloroethyl)ether	7.048	93	130	0.020	ng	98
20) 4,6-Dinitro-2-methylph...	15.400	198	4	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	899	0.062	ng	# 98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
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Acq On : 15 May 2025 11:07
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Sample : Q2012-01DL 2X
Misc :
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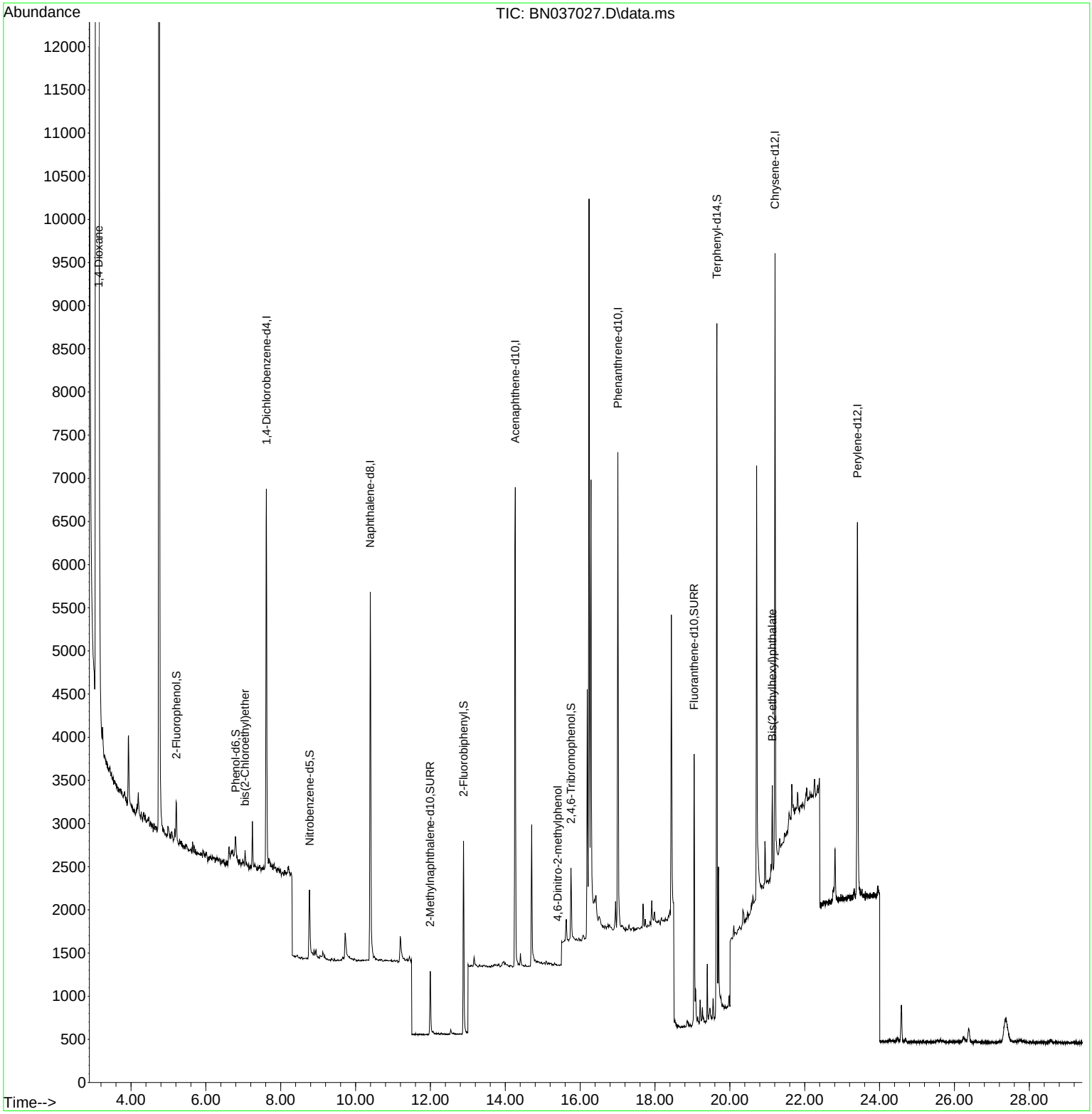
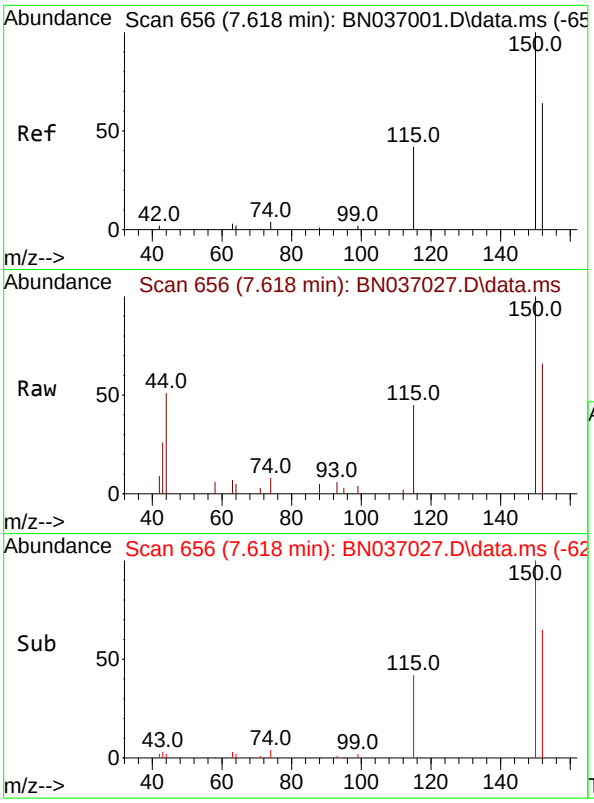
Instrument :
BNA_N
ClientSampleId :

Quant Time: May 15 12:13:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



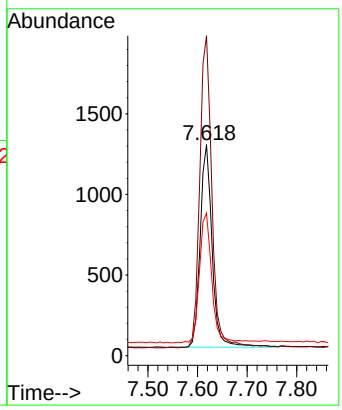


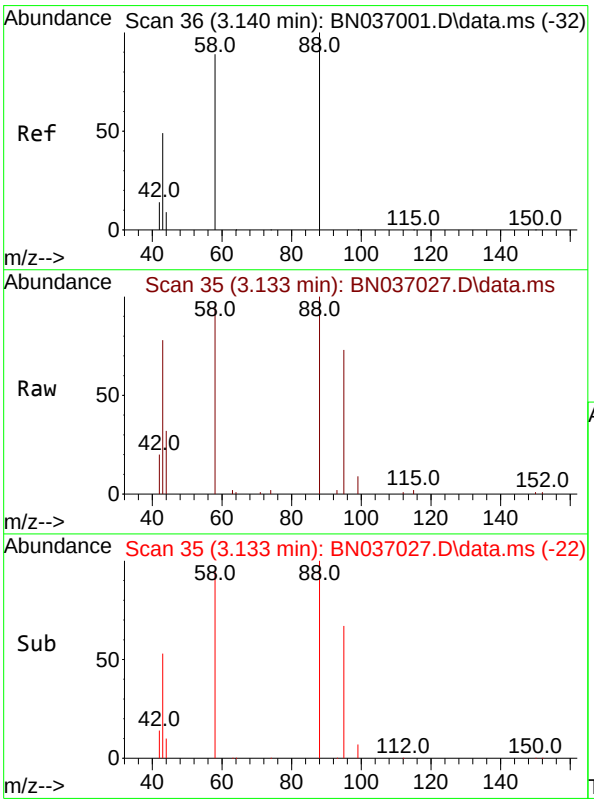
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2107

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.9	185.9
115	67.5	55.8	83.8

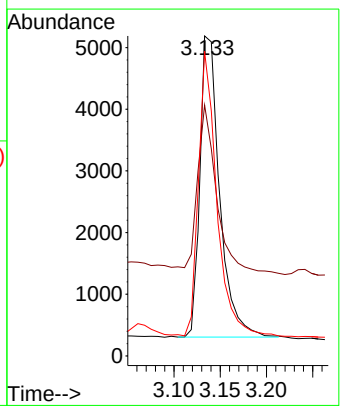


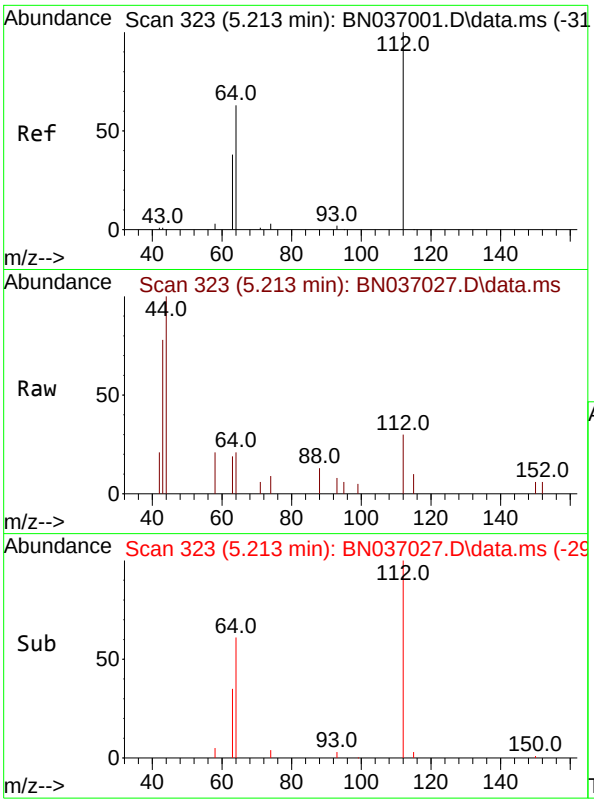


#2
1,4-Dioxane
Concen: 2.806 ng
RT: 3.133 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion: 88 Resp: 7254

Ion	Ratio	Lower	Upper
88	100		
43	54.8	37.4	56.0
58	87.6	68.8	103.2



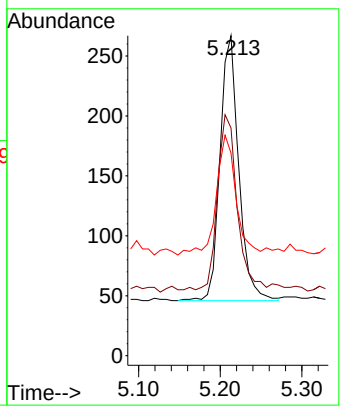


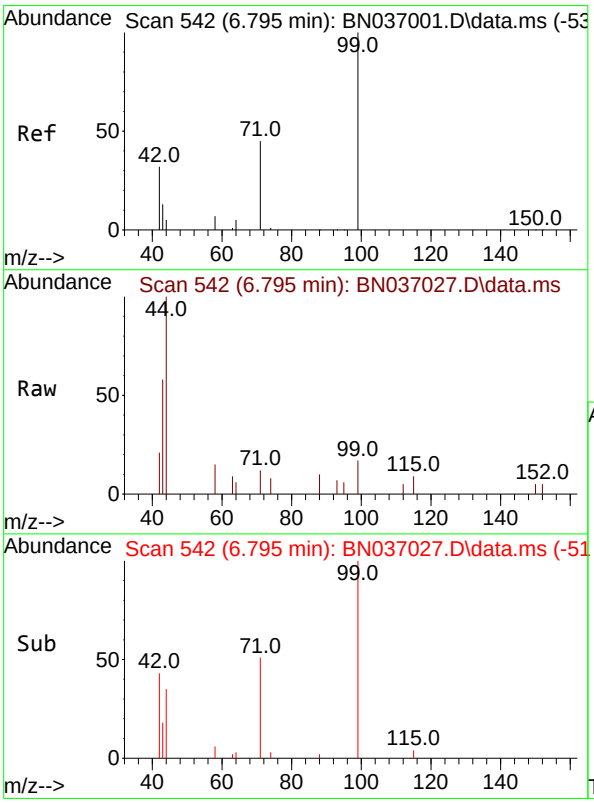
#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.213 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 350

Ion	Ratio	Lower	Upper
112	100		
64	75.1	55.7	83.5
63	48.6	34.6	51.8

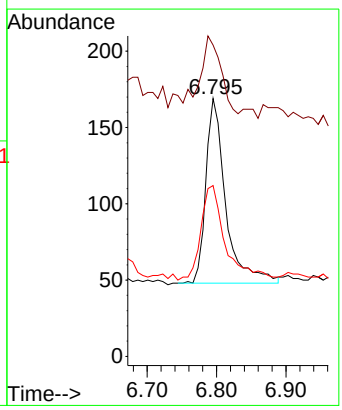


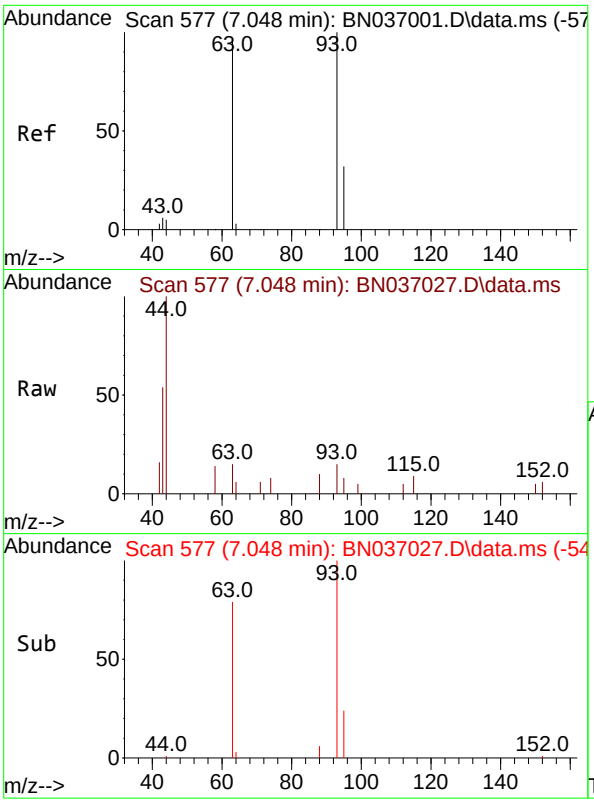


#5
Phenol-d6
Concen: 0.035 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion: 99 Resp: 241

Ion	Ratio	Lower	Upper
99	100		
42	44.0	29.3	43.9#
71	62.7	35.7	53.5#



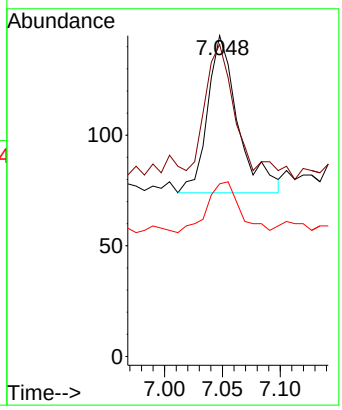


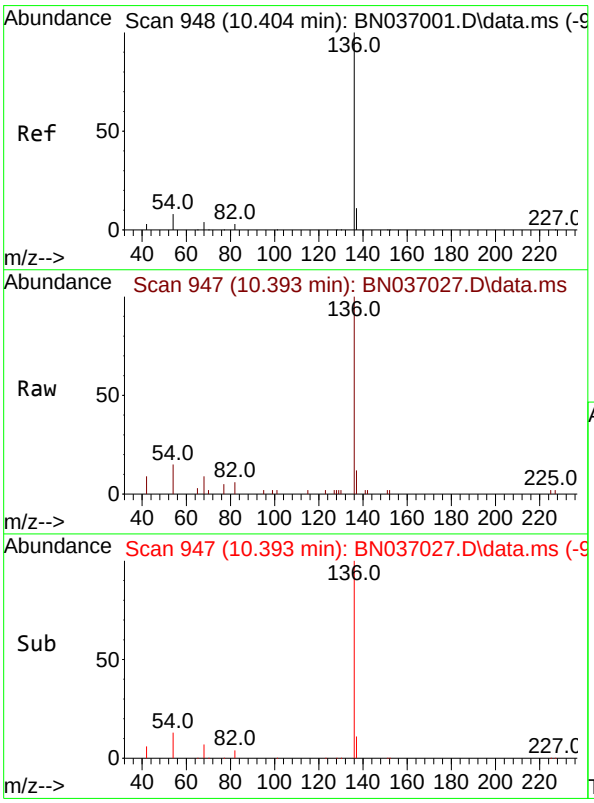
#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.048 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 130

Ion	Ratio	Lower	Upper
93	100		
63	89.2	70.1	105.1
95	34.6	26.2	39.2

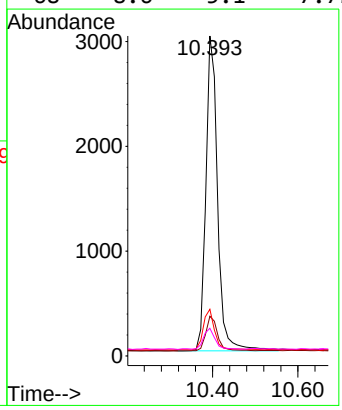


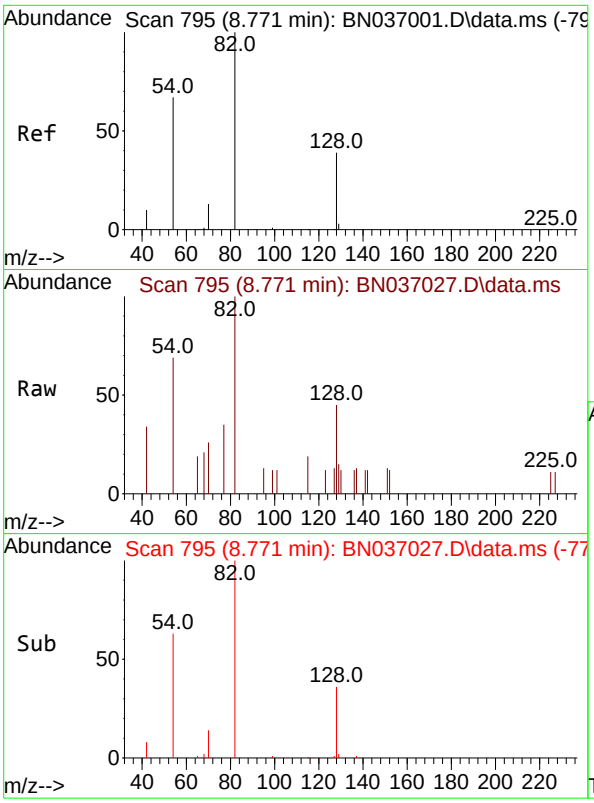


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:136 Resp: 5709

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.6	8.5	12.7#
68	8.6	5.1	7.7#



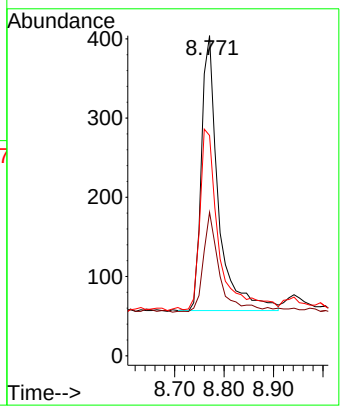


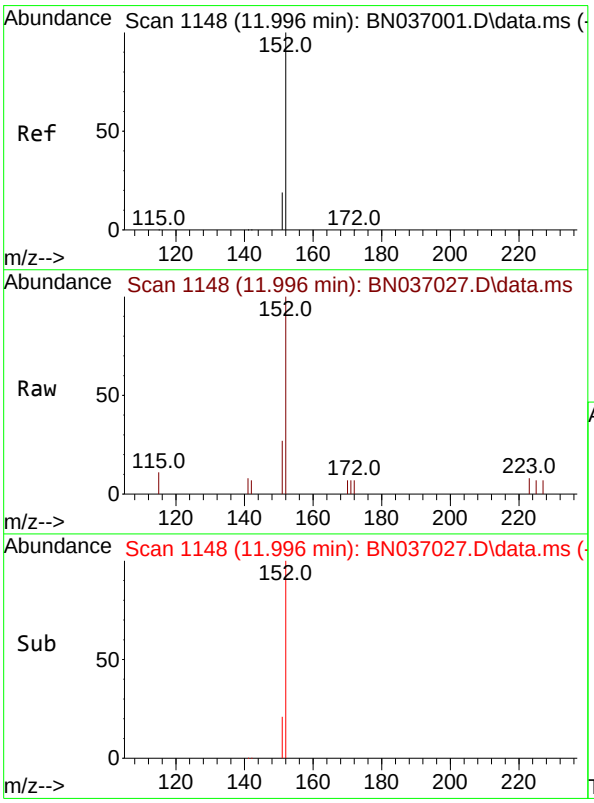
#8
Nitrobenzene-d5
Concen: 0.133 ng
RT: 8.771 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 827

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	68.8	55.0	82.4

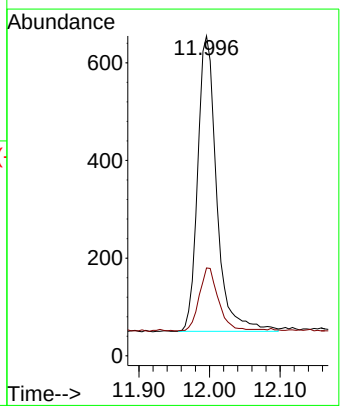


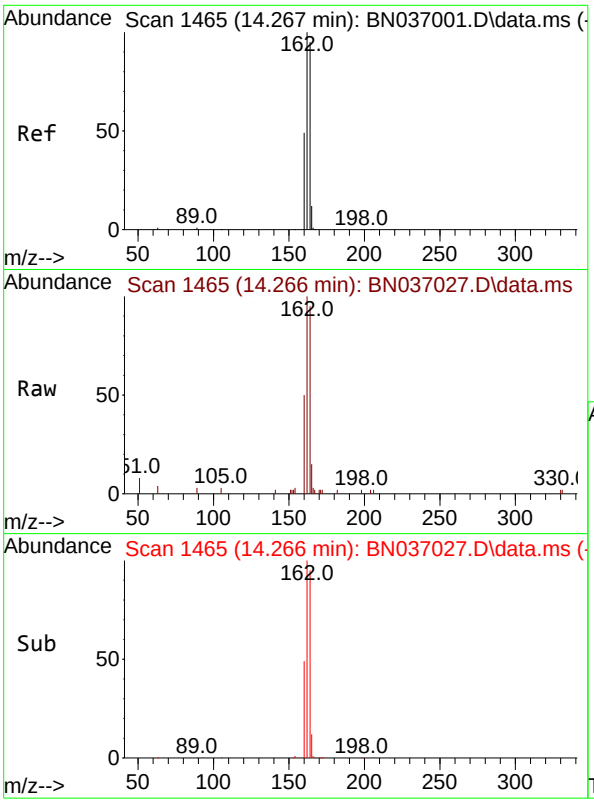


#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 11.996 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:152 Resp: 1131

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3



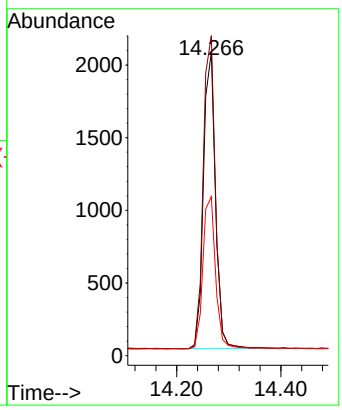


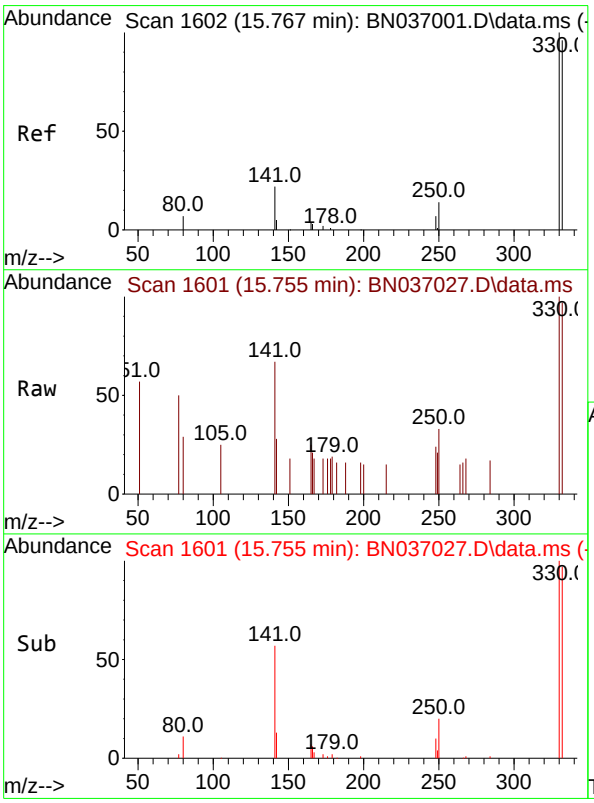
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3269

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.4
160	52.4	42.6	63.8

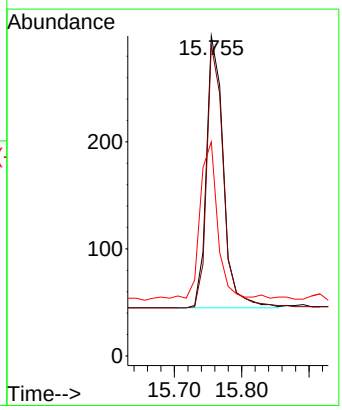


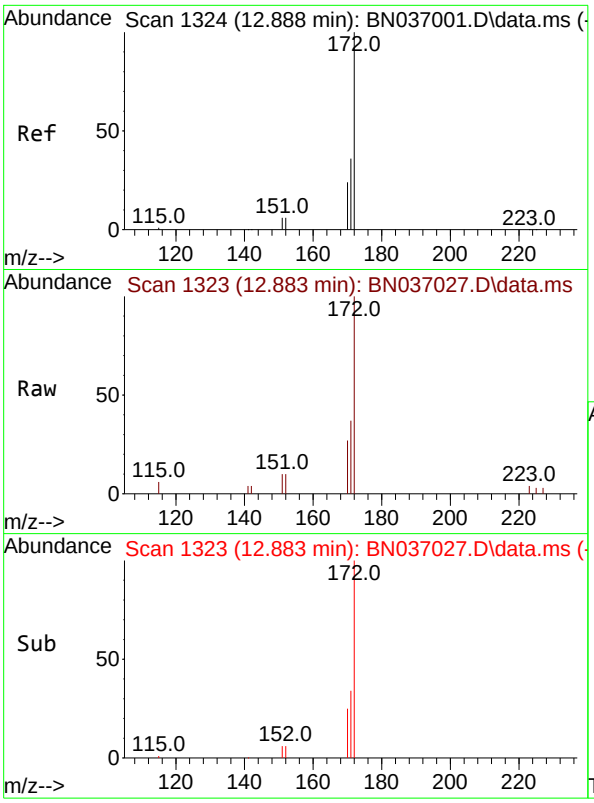


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:330 Resp: 445

Ion	Ratio	Lower	Upper
330	100		
332	96.2	73.8	110.8
141	62.7	43.9	65.9



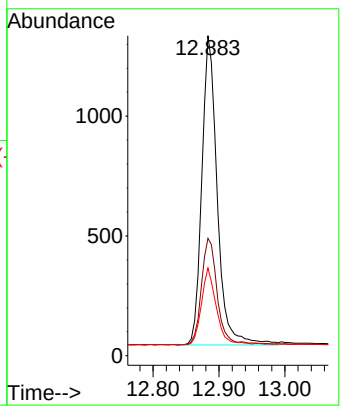


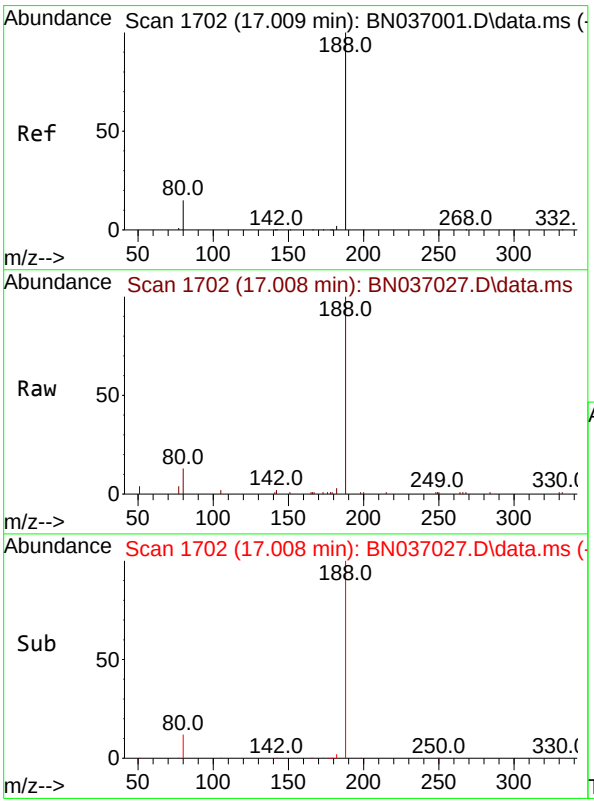
#15
2-Fluorobiphenyl
Concen: 0.140 ng
RT: 12.883 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2094

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	27.4	20.5	30.7

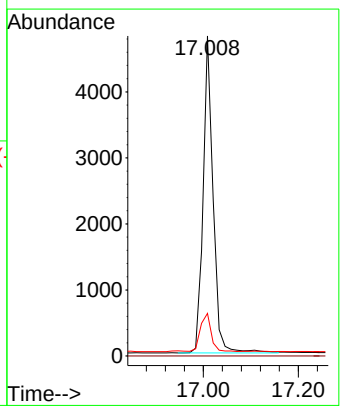


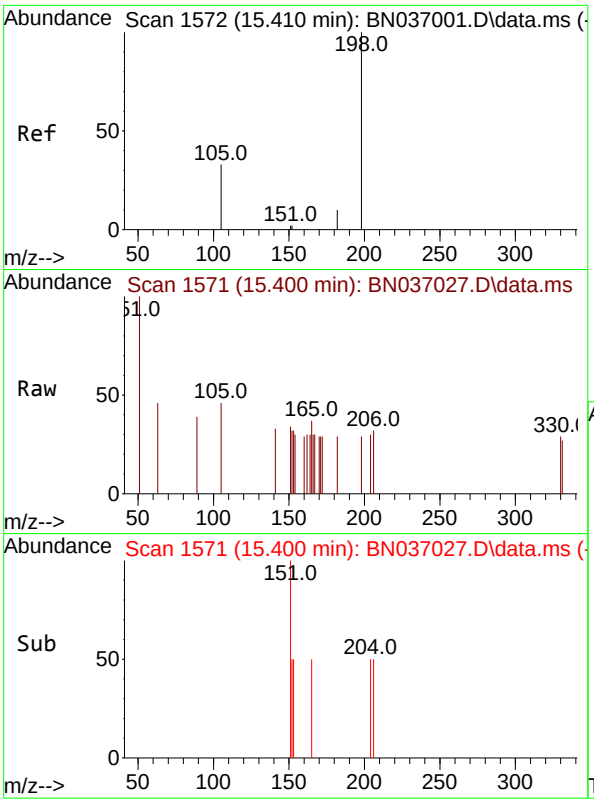


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.008 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:188 Resp: 7047

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	13.4	20.0#



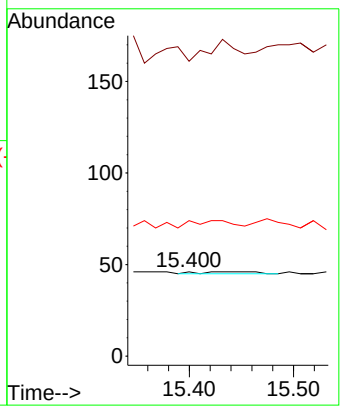


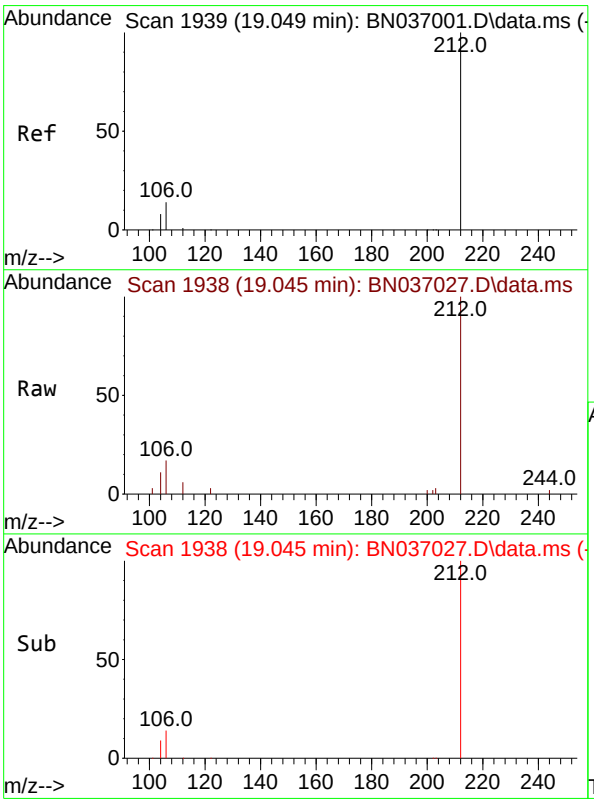
#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.400 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	350.0	87.8	131.6#
105	160.9	44.2	66.4#

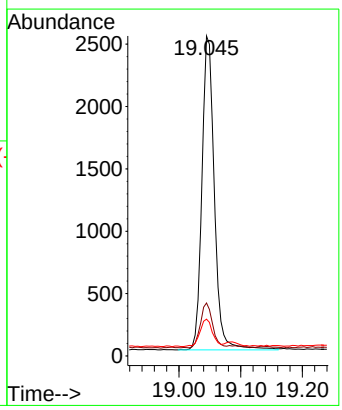


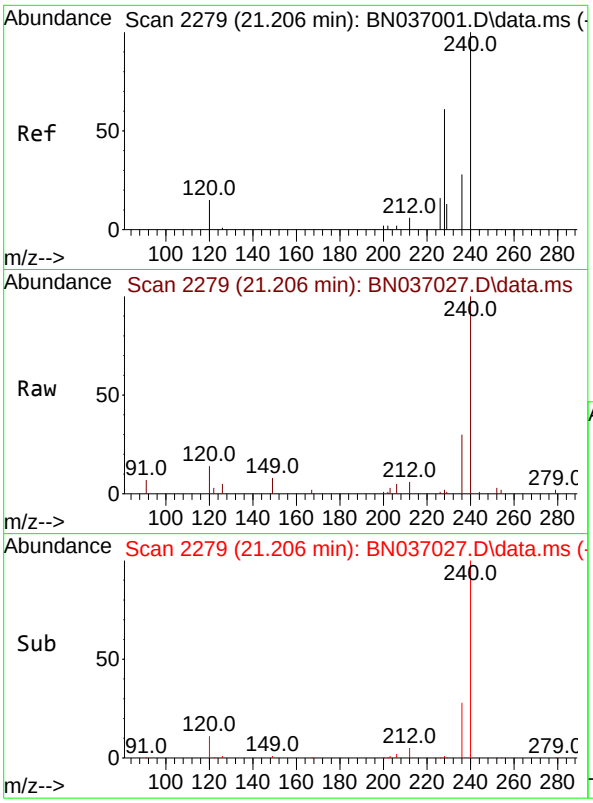


#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:212 Resp: 3517

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.3	16.9
104	8.7	6.7	10.1



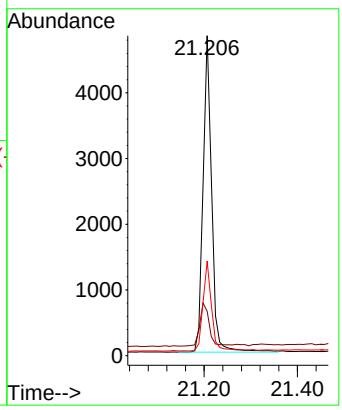


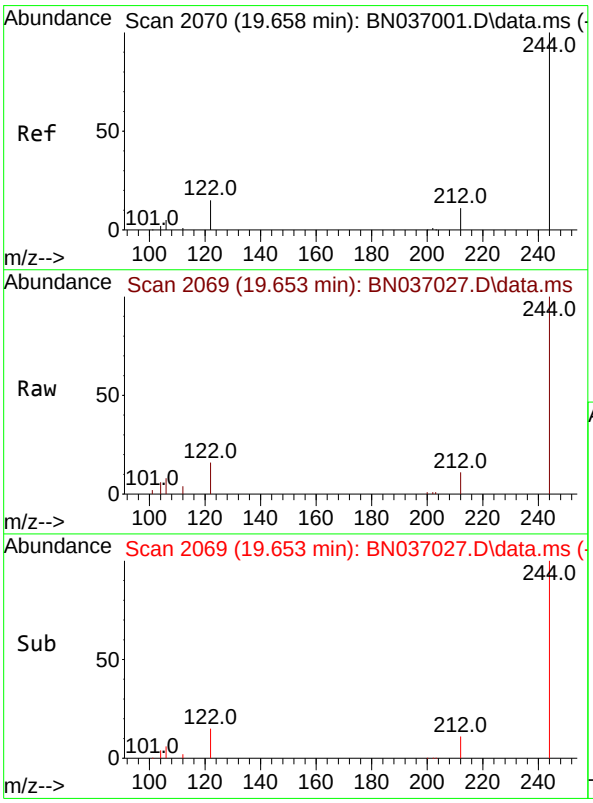
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6221

Ion	Ratio	Lower	Upper
240	100		
120	13.9	15.1	22.7#
236	29.6	24.0	36.0

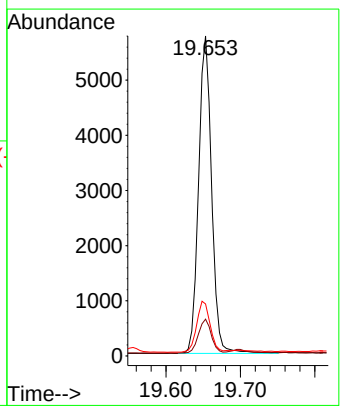


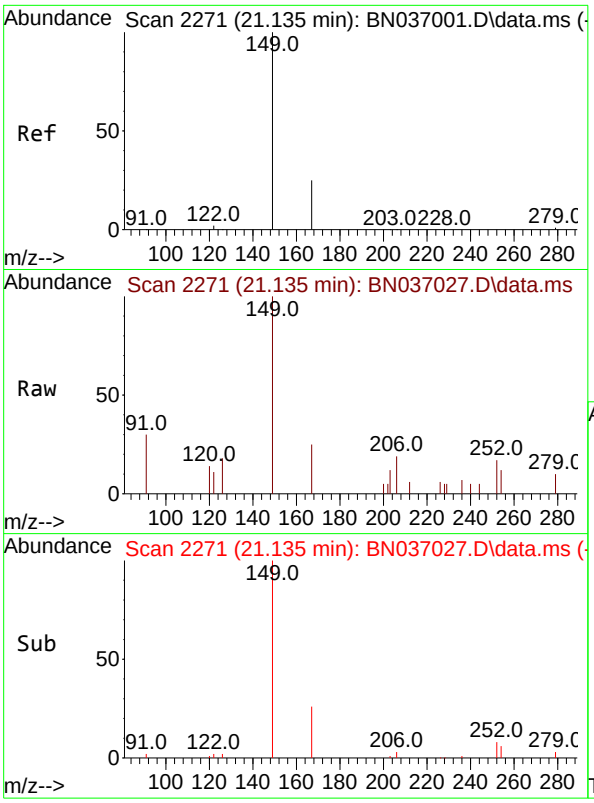


#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:244 Resp: 6983

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.7	14.5
122	16.3	13.4	20.0



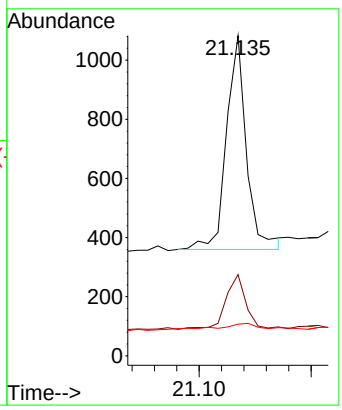


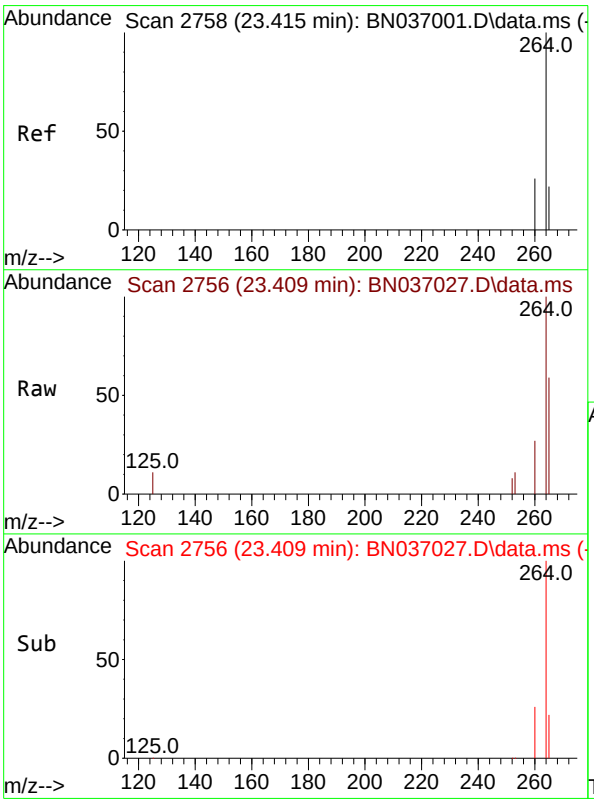
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.062 ng
RT: 21.135 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 899

Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.6	30.8
279	4.8	2.6	3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN037027.D
Acq: 15 May 2025 11:07

Tgt Ion:264 Resp: 5675

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.9	32.9
265	58.5	51.6	77.4