Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037900.D
Acq On : 25 Sep 2025 21:54
Operator : RC/JU
Sample : Q3156-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Quant Time: Sep 25 23:51:26 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	7.818	152	6739	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19035	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10075	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21000	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17568	0.400	ng	0.00
35) Perylene-d12	23.727	264	16173	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2050	0.133	ng	0.00
5) Phenol-d6	6.973	99	1665	0.082	ng	0.00
8) Nitrobenzene-d5	8.971	82	5001	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8269	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1361	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	13622	0.330	ng	0.00
27) Fluoranthene-d10	19.253	212	22716	0.430	ng	0.00
31) Terphenyl-d14	19.852	244	18165	0.519	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	42342	6.189	ng	98
20) 4,6-Dinitro-2-methylph...	15.659	198	5	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2137	0.088	ng	# 99

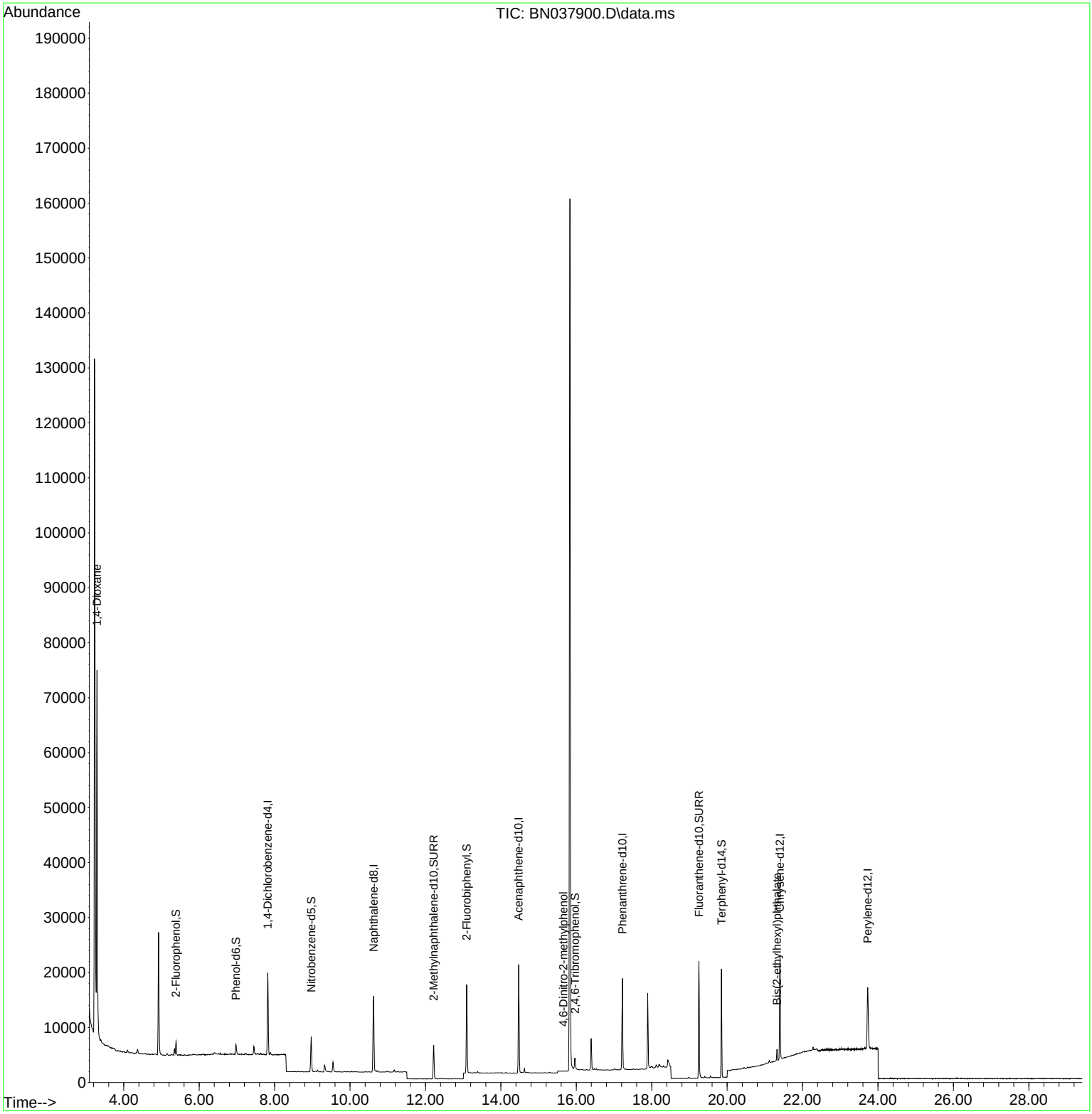
(#) = qualifier out of range (m) = manual integration (+) = signals summed

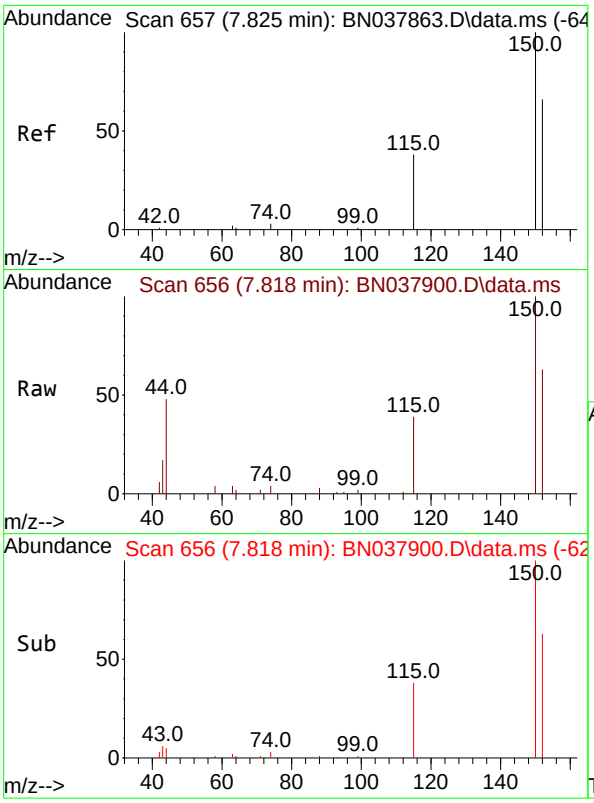
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037900.D
Acq On : 25 Sep 2025 21:54
Operator : RC/JU
Sample : Q3156-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Quant Time: Sep 25 23:51:26 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



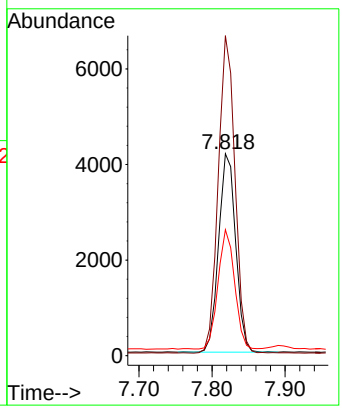


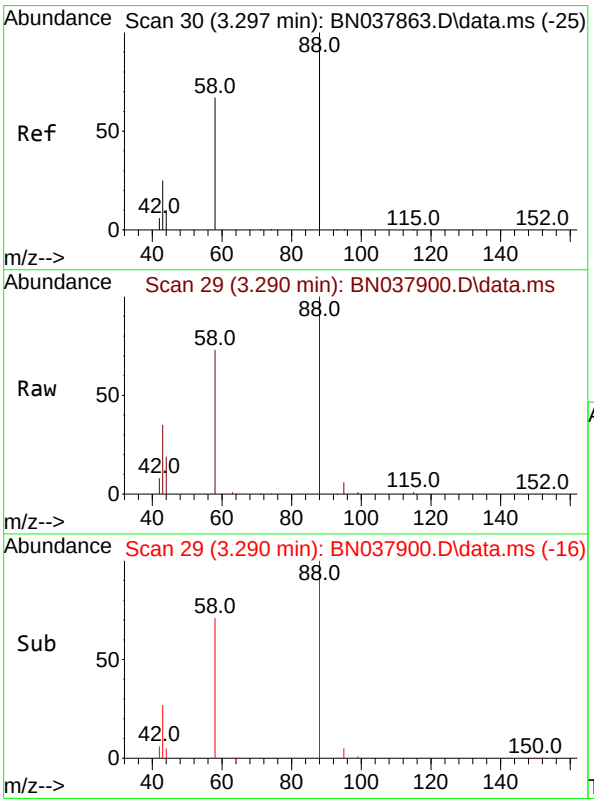
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:152 Resp: 6739

Ion	Ratio	Lower	Upper
152	100		
150	158.4	121.0	181.4
115	62.3	47.4	71.0

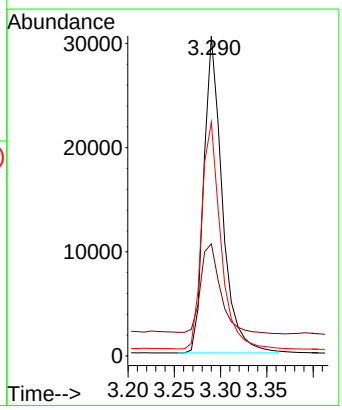


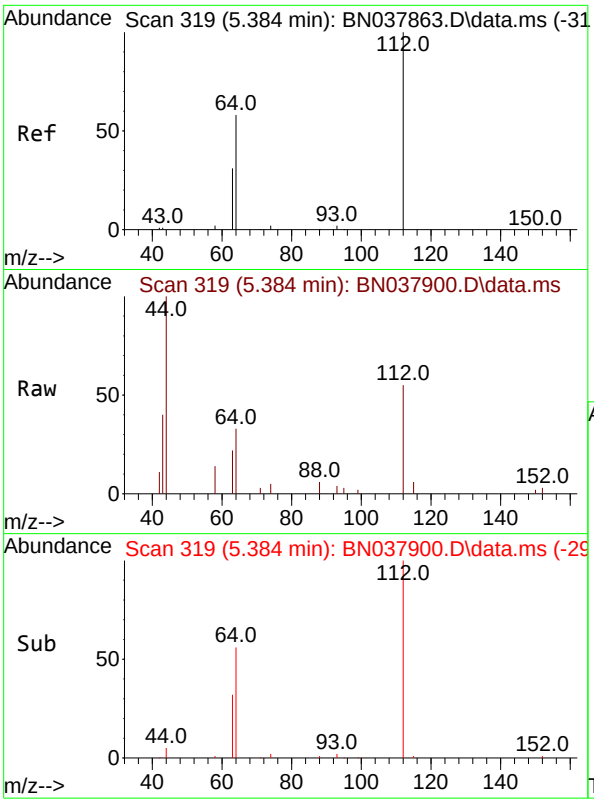


#2
1,4-Dioxane
Concen: 6.189 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion: 88 Resp: 42342

Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.6	39.8
58	73.6	58.9	88.3



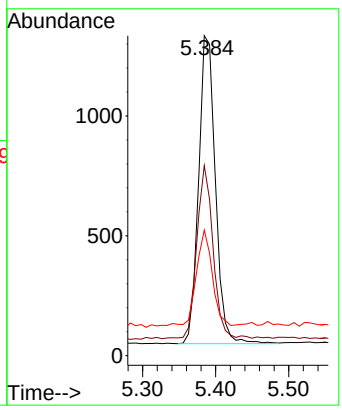


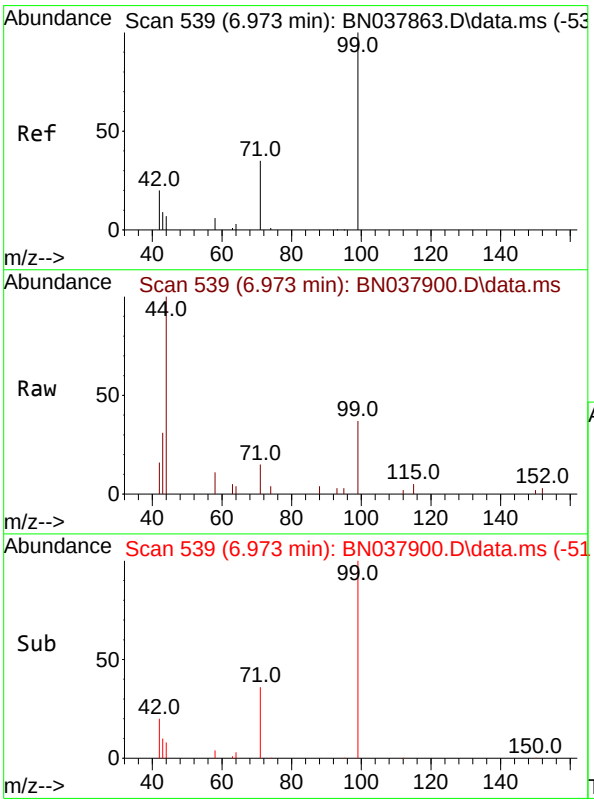
#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:112 Resp: 2050

Ion	Ratio	Lower	Upper
112	100		
64	54.5	44.6	66.8
63	31.8	24.9	37.3

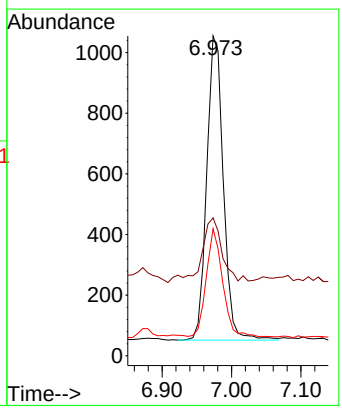


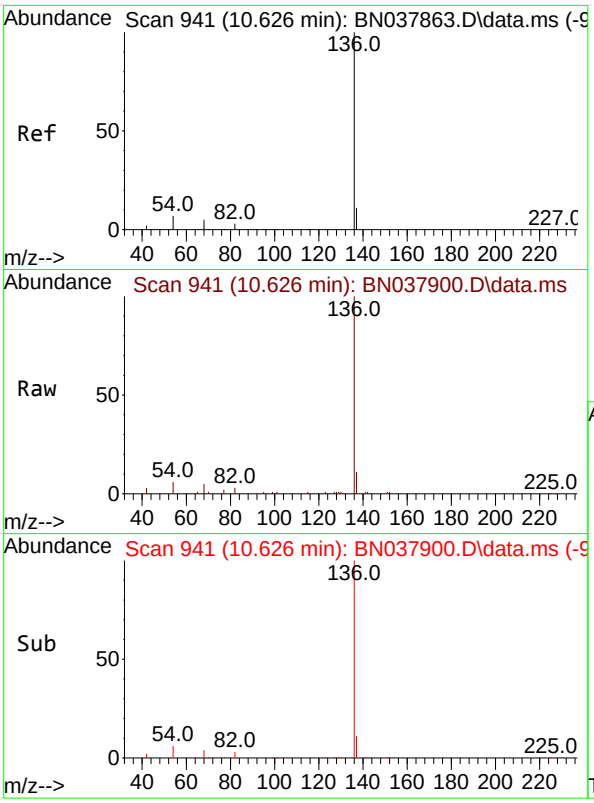


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion: 99 Resp: 1665

Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.2	25.8
71	35.2	27.3	40.9



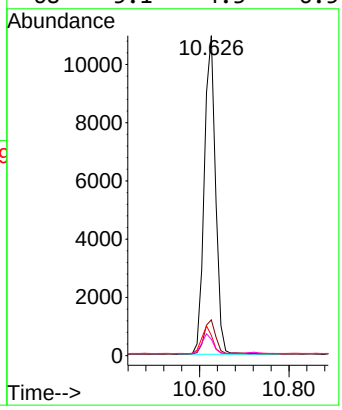


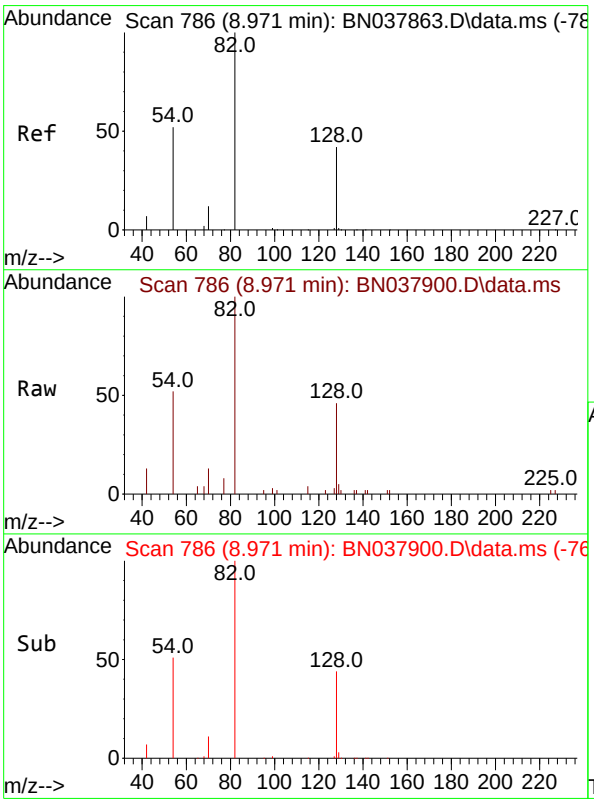
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:136 Resp: 19035

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.3	5.8	8.8
68	5.1	4.3	6.5

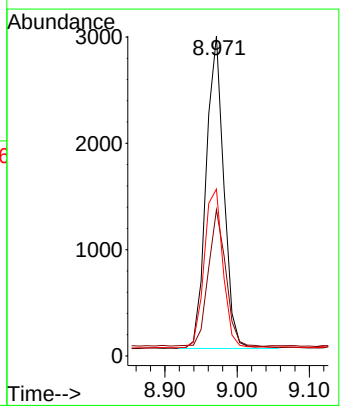


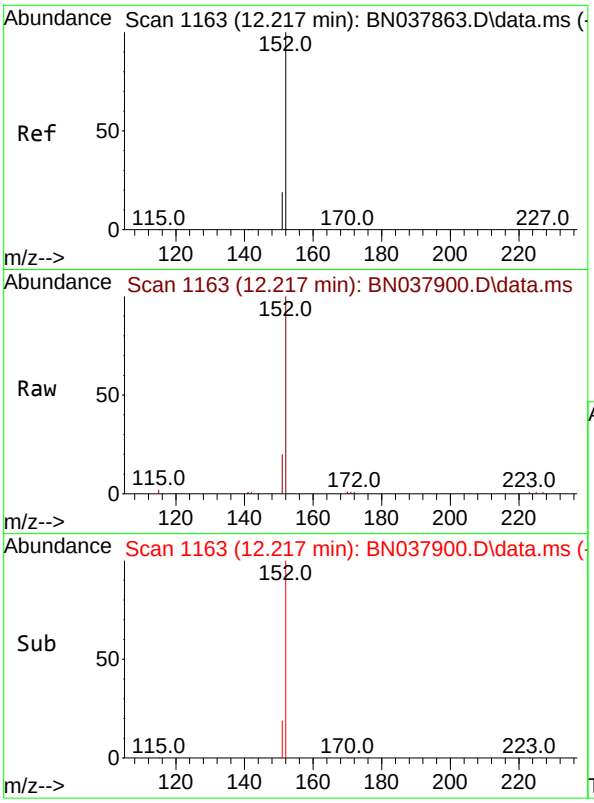


#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion: 82 Resp: 5001

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.8	52.2
54	52.2	42.2	63.2



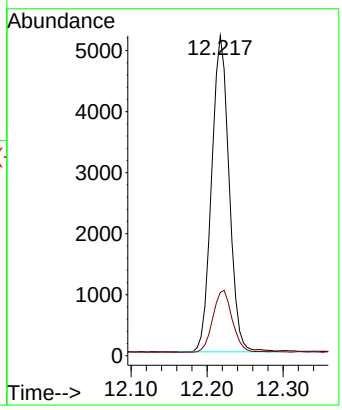


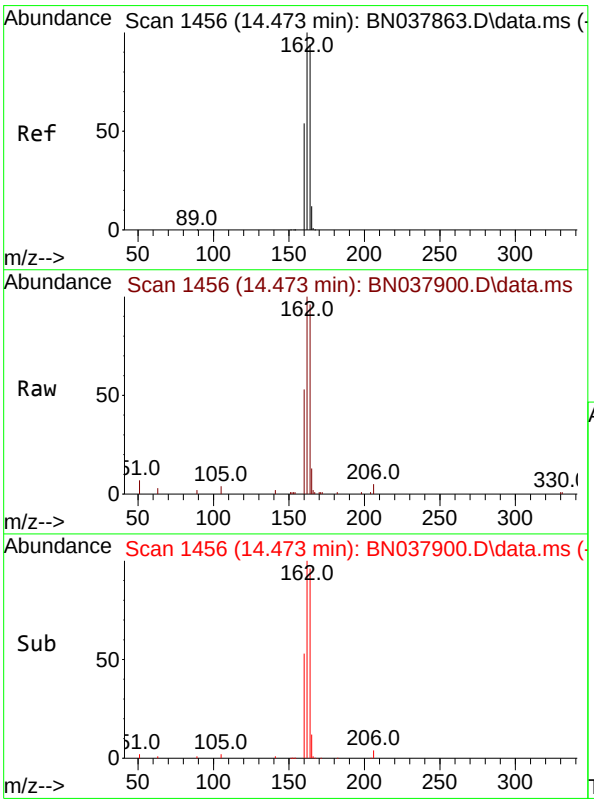
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.217 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:152 Resp: 8269

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

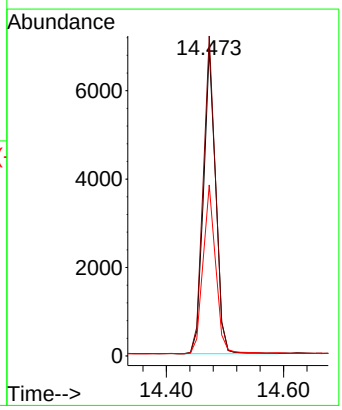


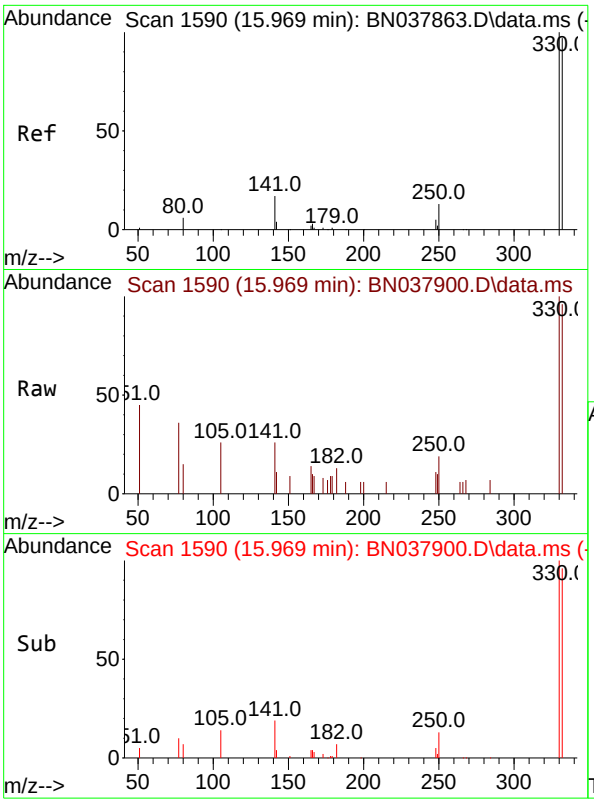


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:164 Resp: 10075

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.8	127.2
160	55.7	46.1	69.1



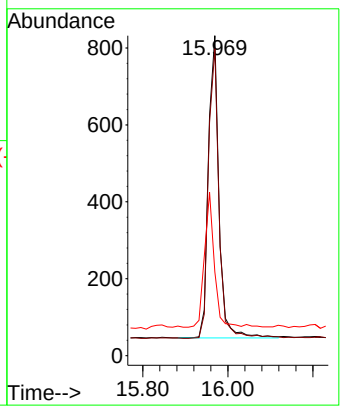


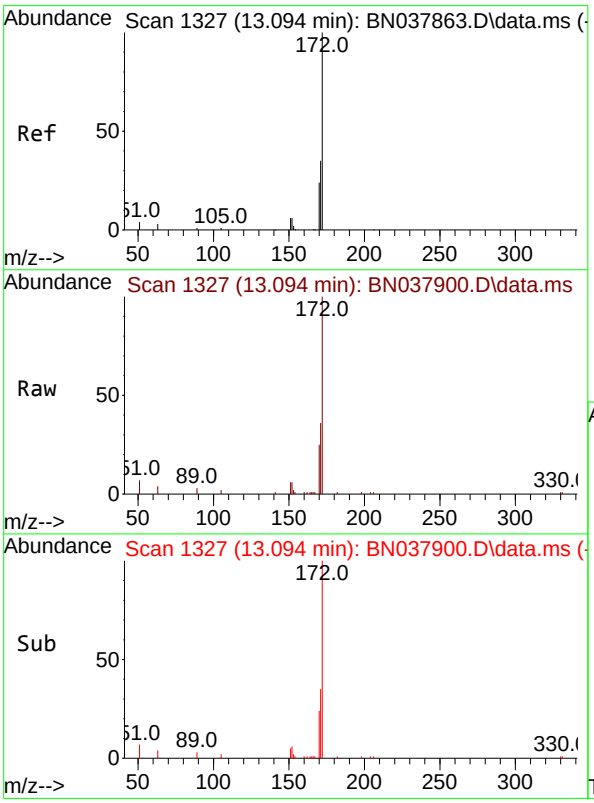
#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:330 Resp: 1361

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	41.7	37.2	55.8

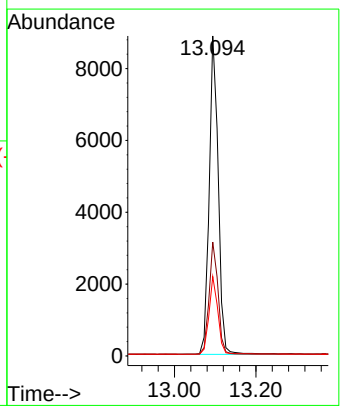


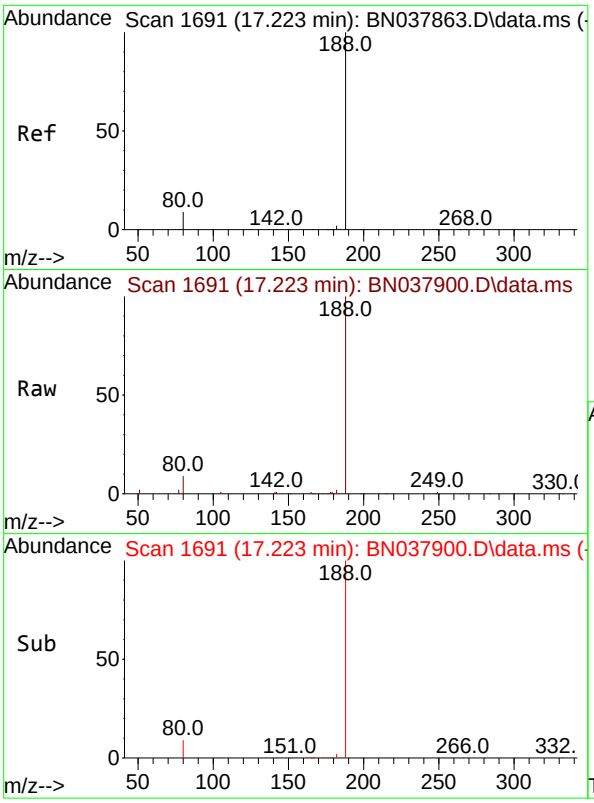


#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:172 Resp: 13622

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.8	19.7	29.5



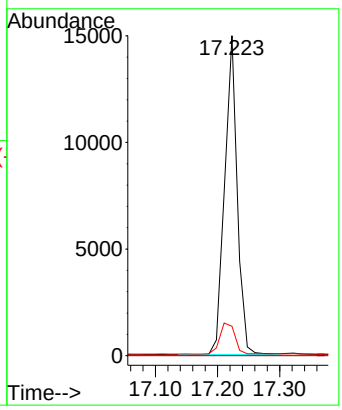


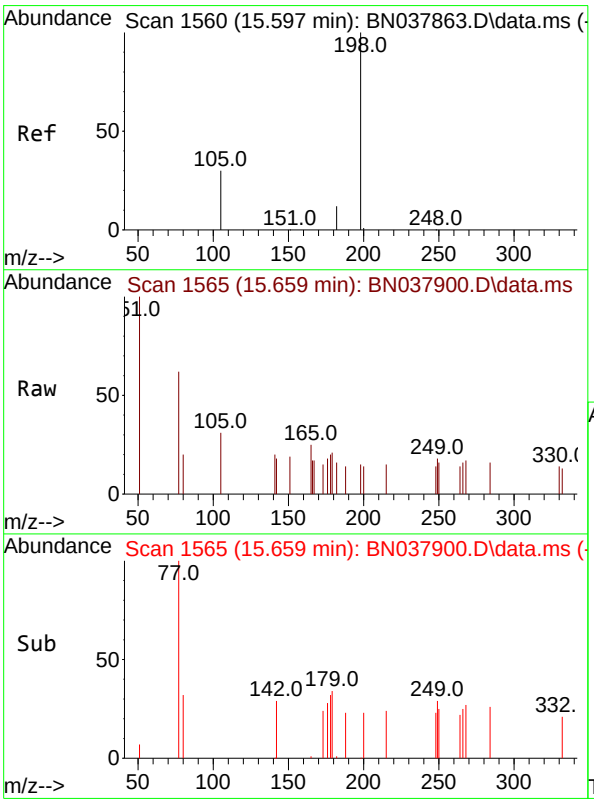
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:188 Resp: 21000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.6	11.4

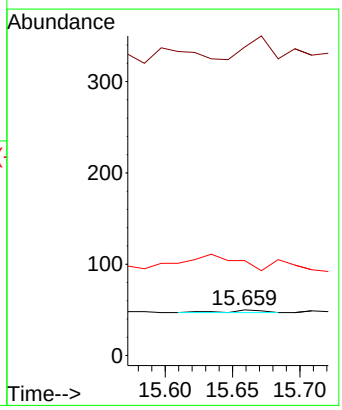


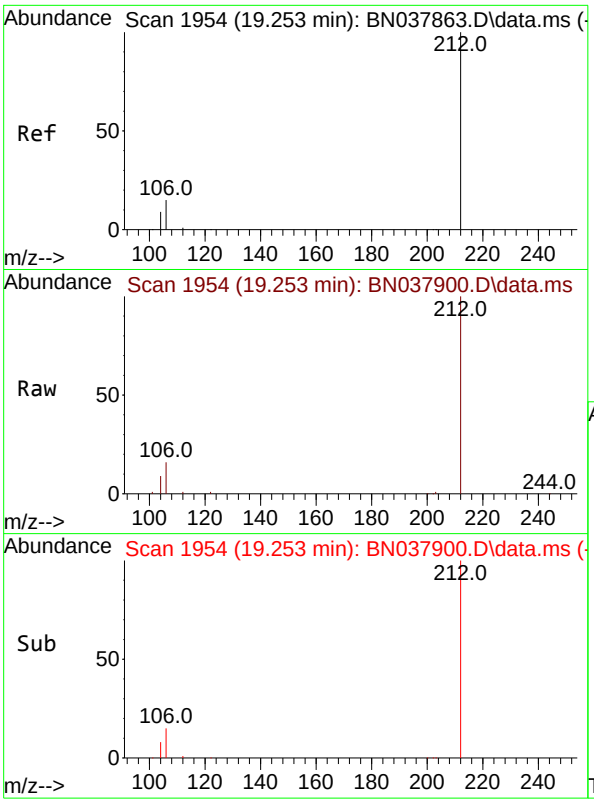


#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.659 min Scan# 1565
Delta R.T. 0.062 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	676.0	59.1	88.7#
105	208.0	41.3	61.9#



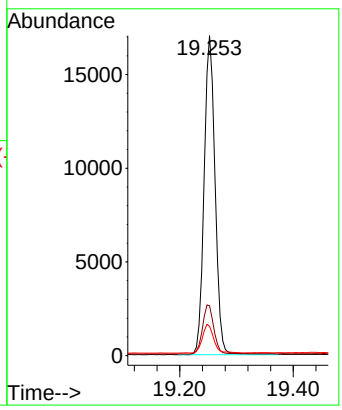


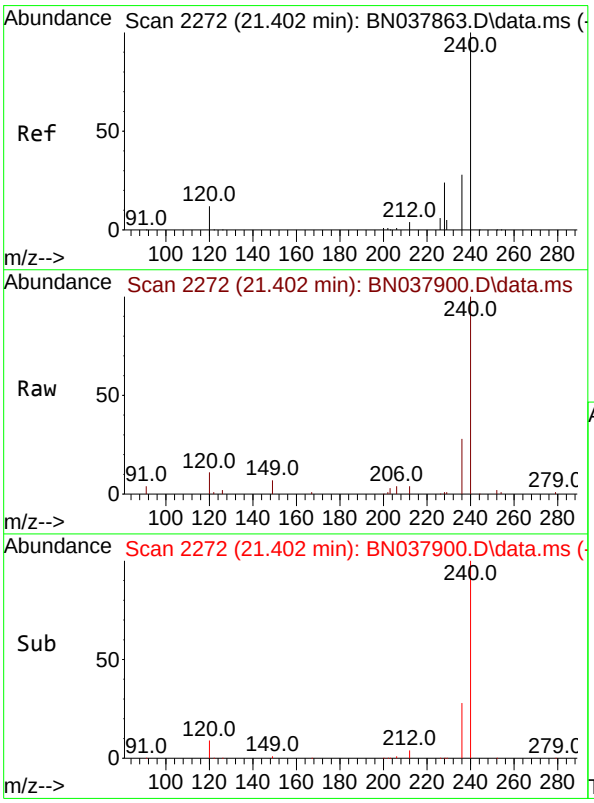
#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:212 Resp: 22716

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	9.2	7.4	11.0

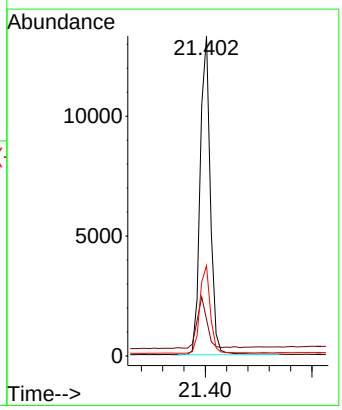


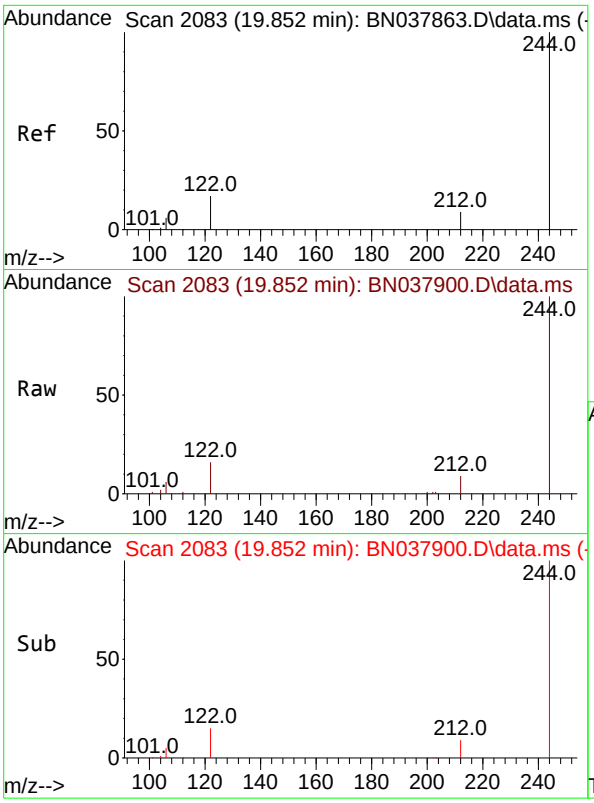


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:240 Resp: 17568

Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.4	17.2
236	28.2	23.0	34.6



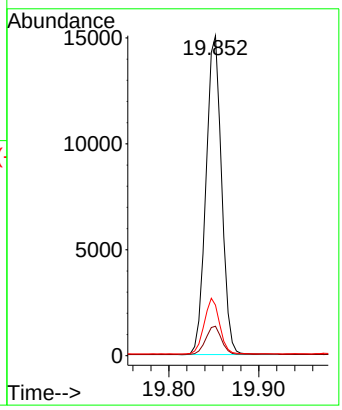


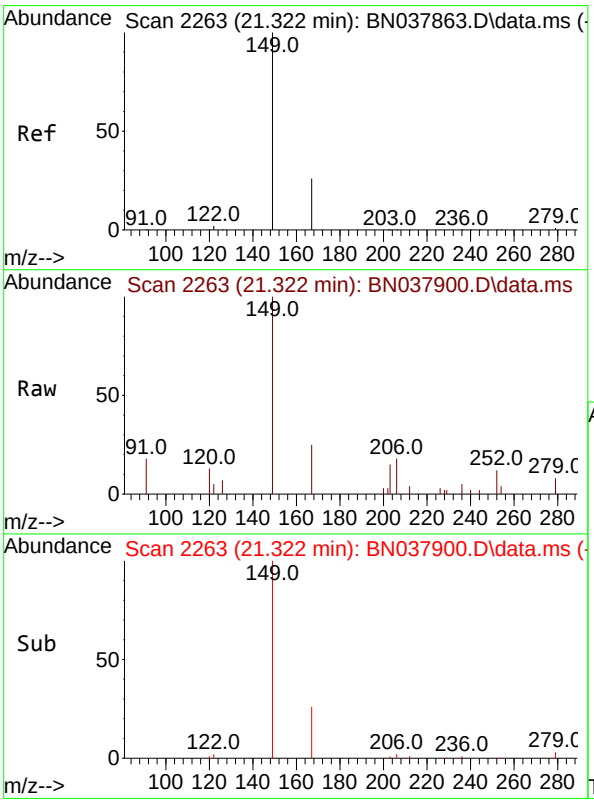
#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.852 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:244 Resp: 18165

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	15.8	13.9	20.9

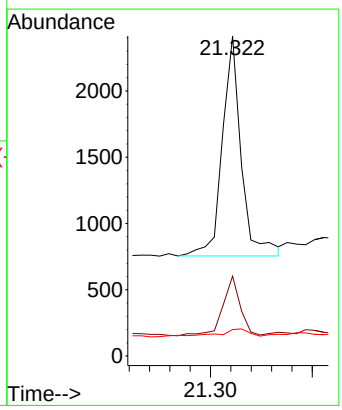


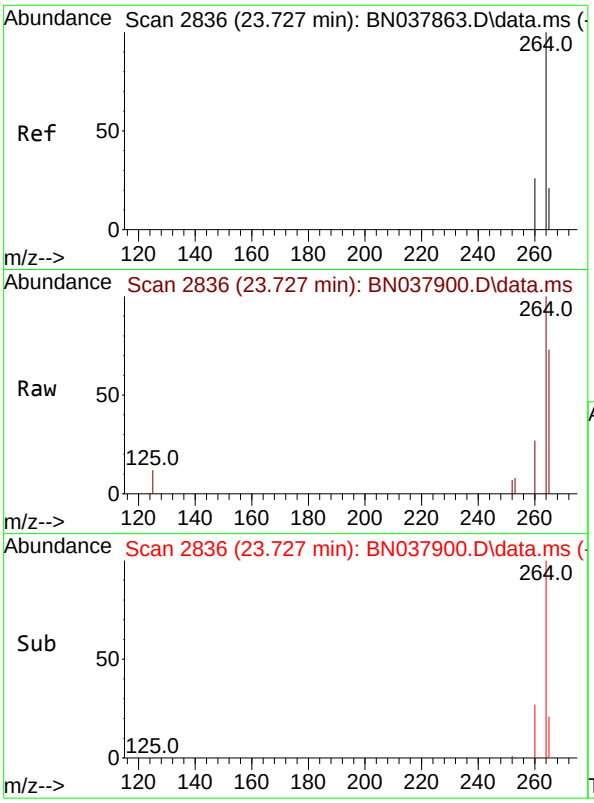


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:149 Resp: 2137

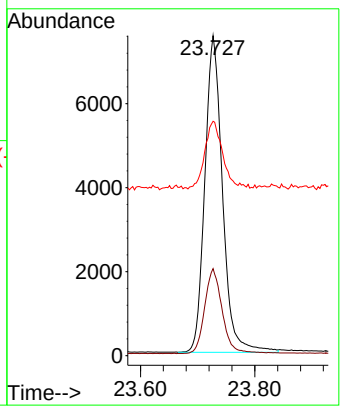
Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.4	30.6
279	4.4	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.727 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918

Tgt Ion:264 Resp: 16173

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.5	32.3
265	73.2	53.8	80.6