Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038014.D
Acq On : 06 Oct 2025 17:59
Operator : RC/JU
Sample : Q3194-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Quant Time: Oct 06 18:30:20 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	7.804	152	7711	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21865	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11194	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	22381	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14037	0.400	ng	0.00
35) Perylene-d12	23.709	264	10467	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	1964	0.112	ng	0.00
5) Phenol-d6	6.966	99	1509	0.065	ng	0.00
8) Nitrobenzene-d5	8.961	82	5662	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.202	152	7801	0.257	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1119	0.264	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14465	0.316	ng	-0.01
27) Fluoranthene-d10	19.238	212	19093	0.339	ng	-0.01
31) Terphenyl-d14	19.838	244	15788	0.565	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	7352	0.939	ng	96
20) 4,6-Dinitro-2-methylph...	15.597	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1659	0.085	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
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Acq On : 06 Oct 2025 17:59
Operator : RC/JU
Sample : Q3194-09
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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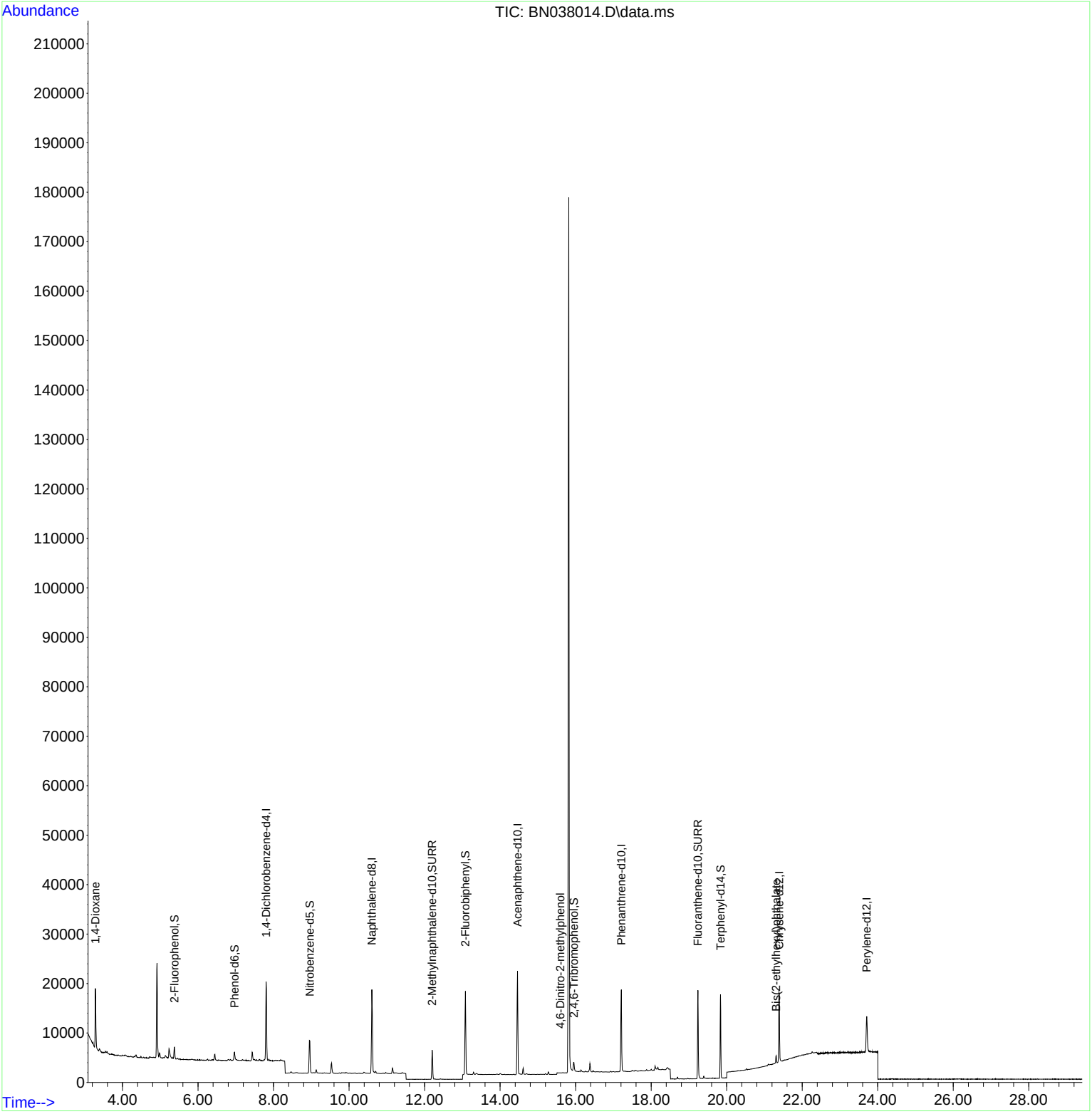
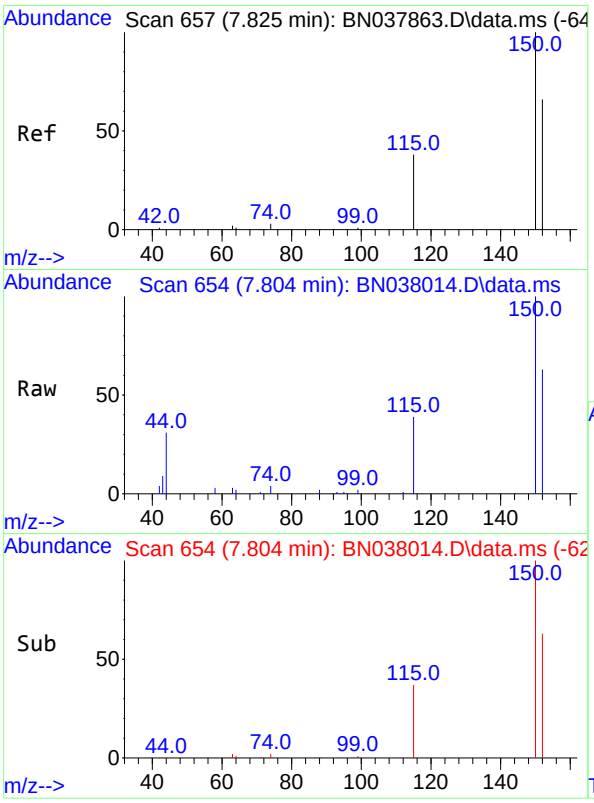


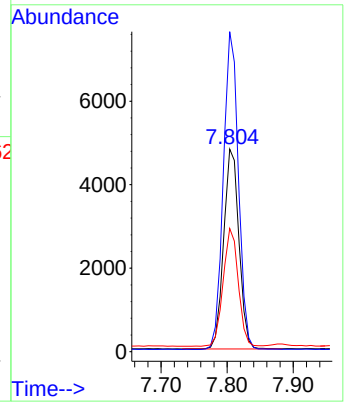


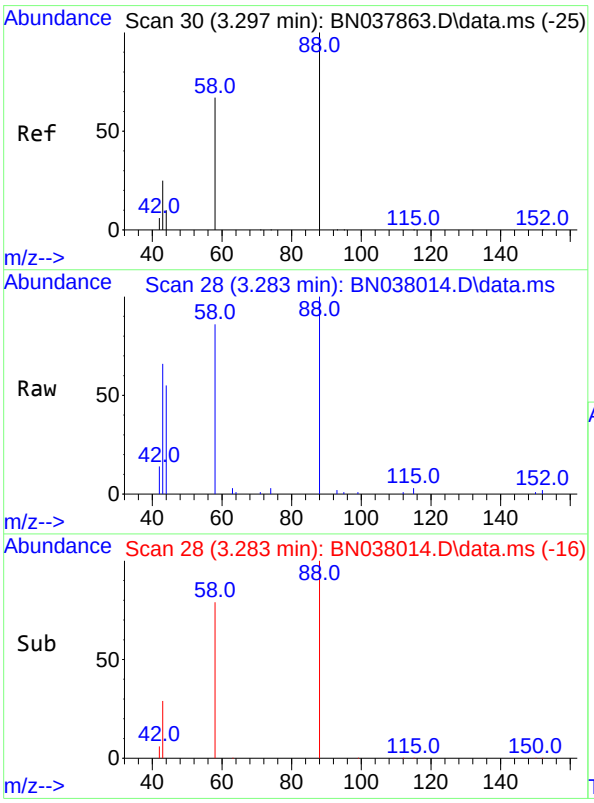
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:152 Resp: 7711

Ion	Ratio	Lower	Upper
152	100		
150	157.9	121.0	181.4
115	60.8	47.4	71.0

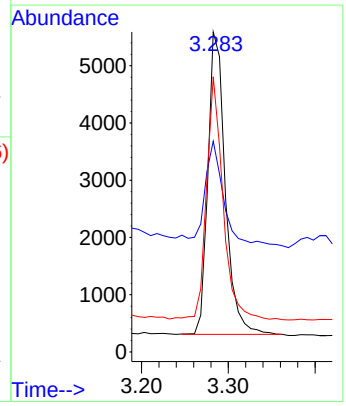


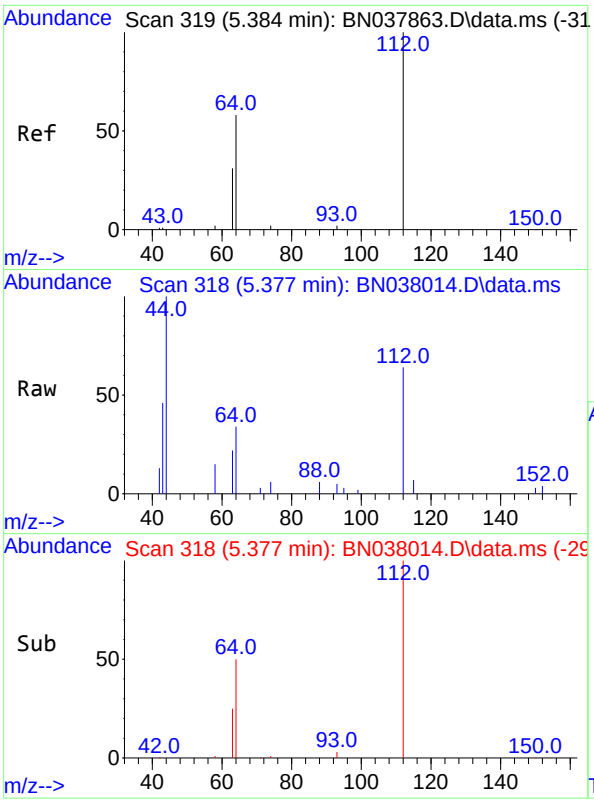


#2
1,4-Dioxane
Concen: 0.939 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion: 88 Resp: 7352

Ion	Ratio	Lower	Upper
88	100		
43	36.7	26.6	39.8
58	76.4	58.9	88.3



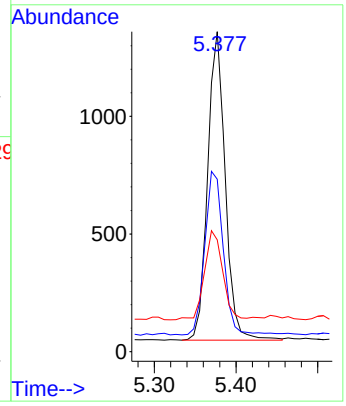


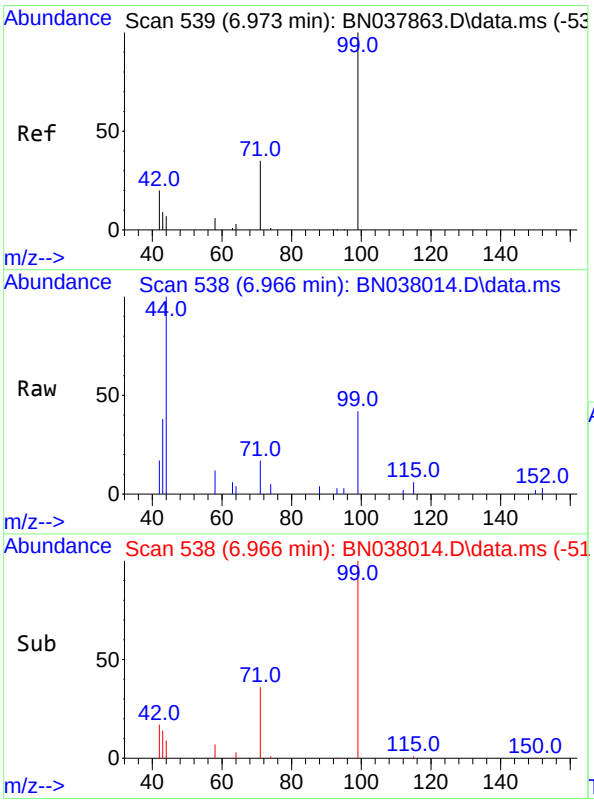
#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.377 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:112 Resp: 1964

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.6	66.8
63	30.0	24.9	37.3

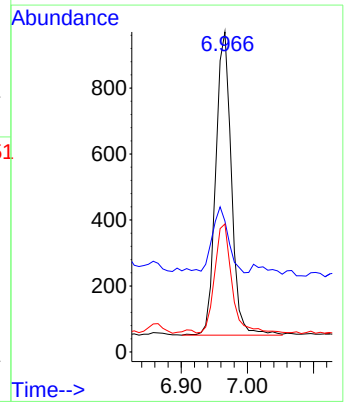


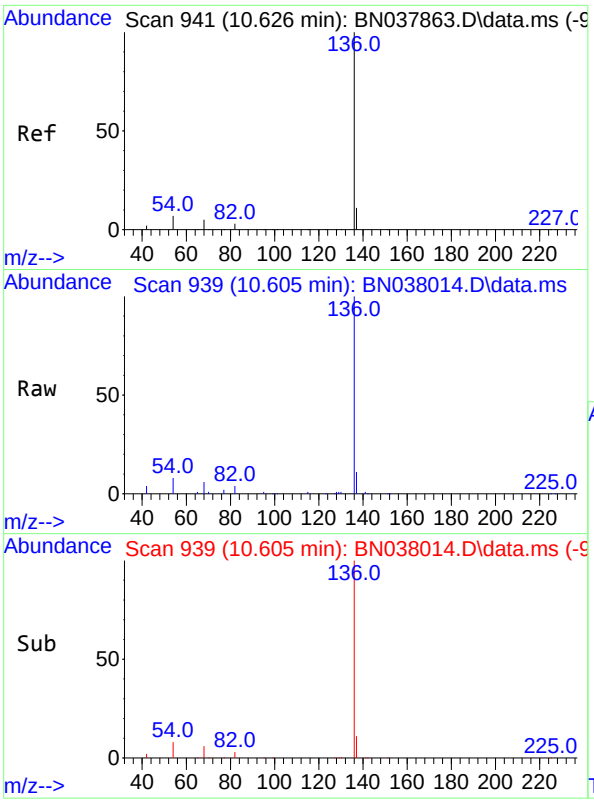


#5
Phenol-d6
Concen: 0.065 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion: 99 Resp: 1509

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.2	25.8
71	40.5	27.3	40.9



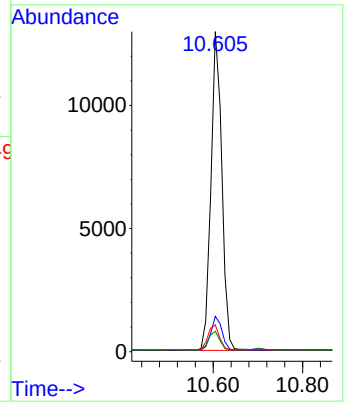


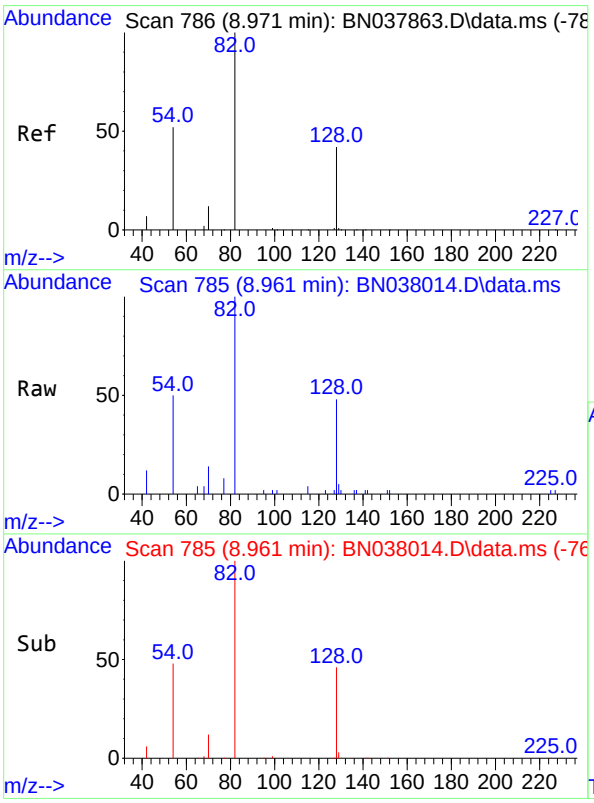
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:136 Resp: 21865

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	5.8	8.8
68	6.4	4.3	6.5

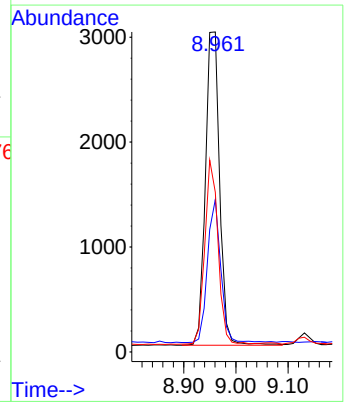


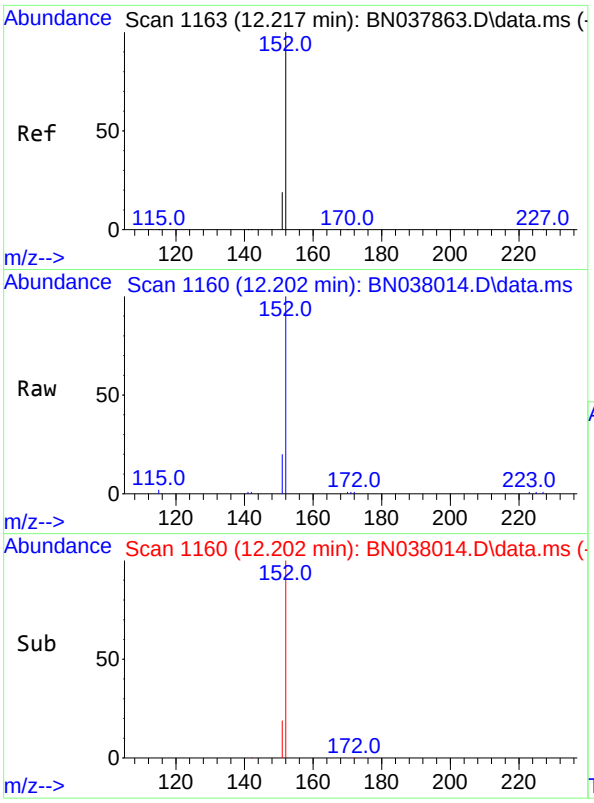


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion: 82 Resp: 5662

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.8	52.2
54	49.9	42.2	63.2



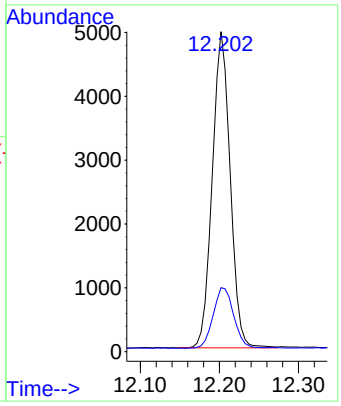


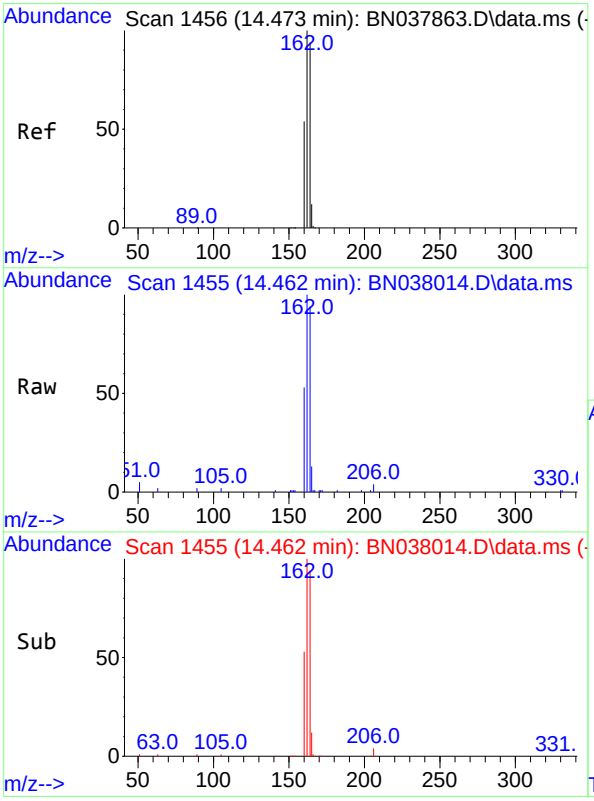
#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.202 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:152 Resp: 7801

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2

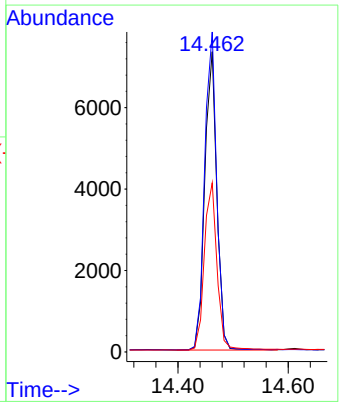


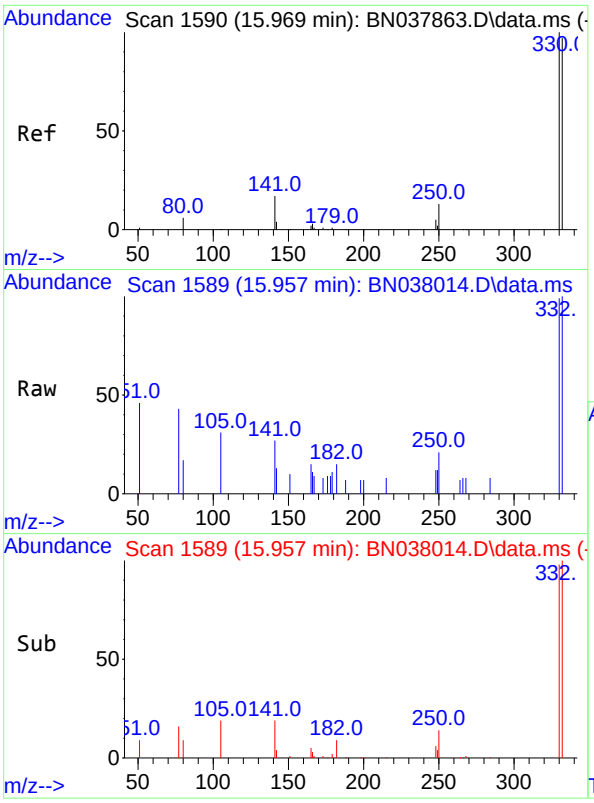


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:164 Resp: 11194

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.8	127.2
160	56.3	46.1	69.1



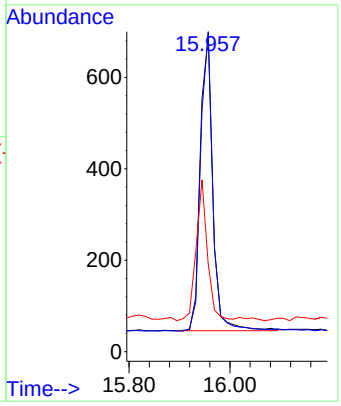


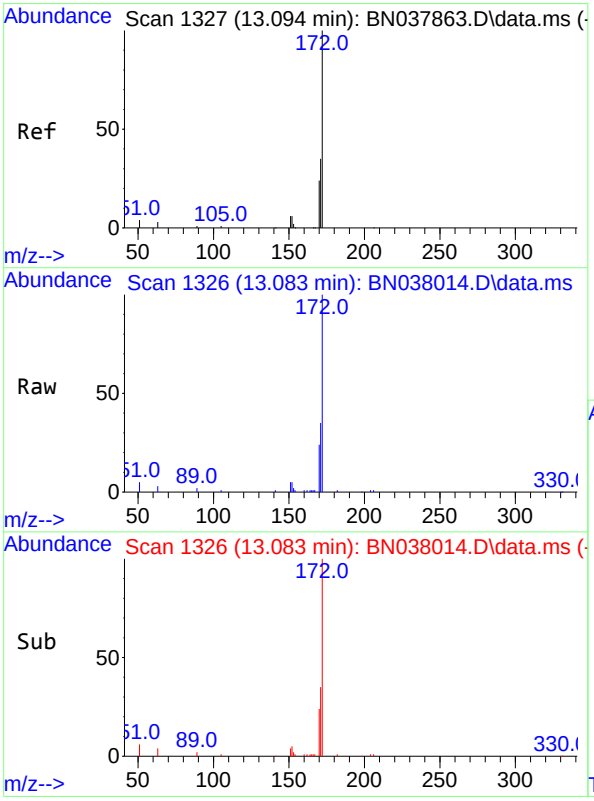
#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:330 Resp: 1119

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.2	115.8
141	42.7	37.2	55.8

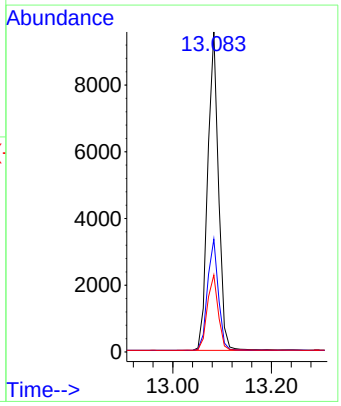


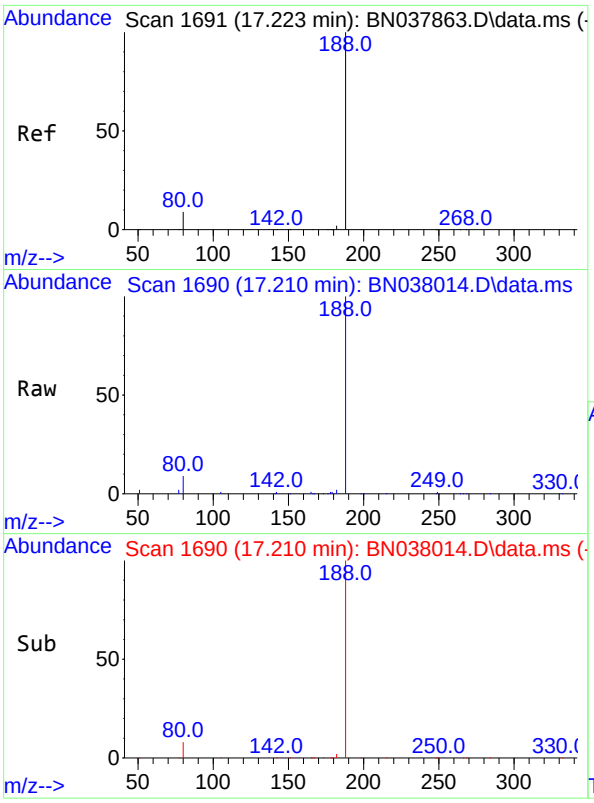


#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:172 Resp: 14465

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.1	19.7	29.5



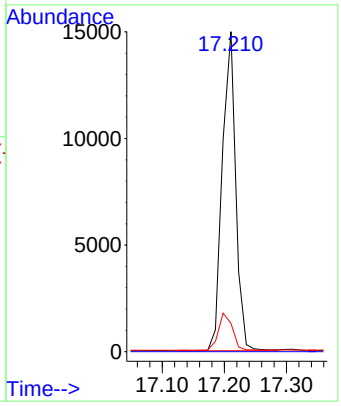


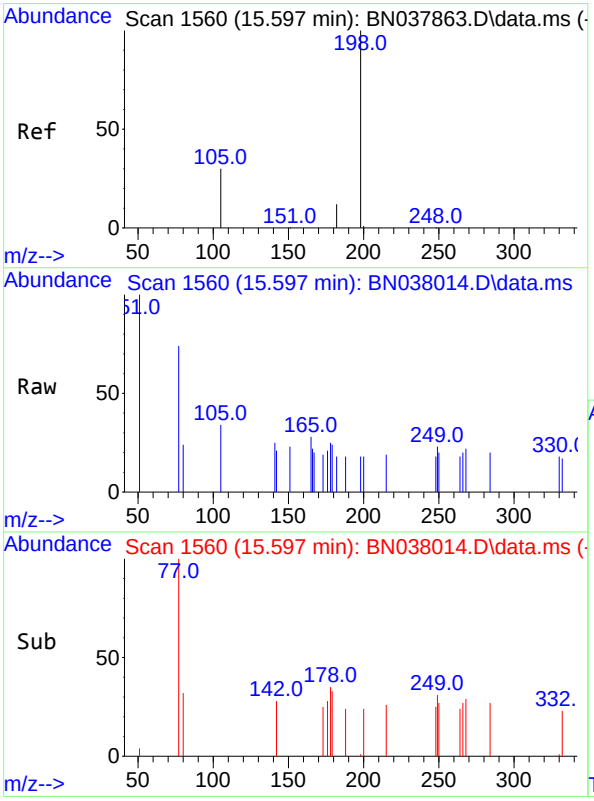
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:188 Resp: 22381

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.6	11.4

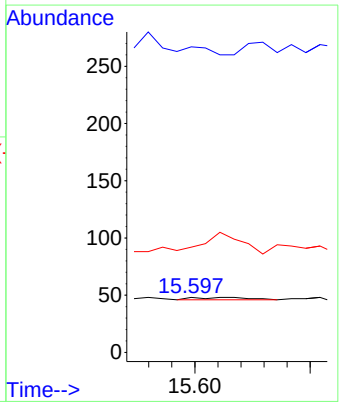


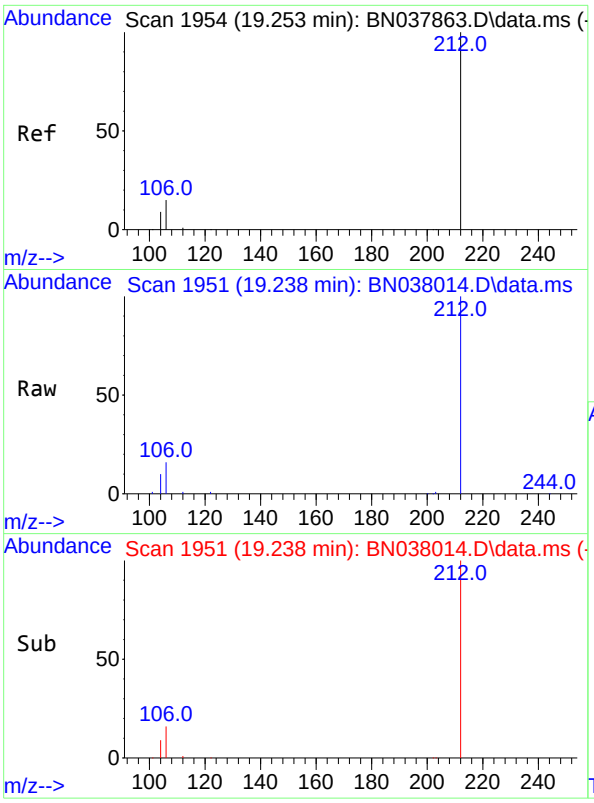


#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:198 Resp: 7

Ion	Ratio	Lower	Upper
198	100		
51	556.3	59.1	88.7#
105	191.7	41.3	61.9#



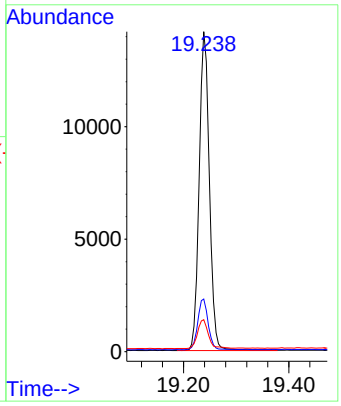


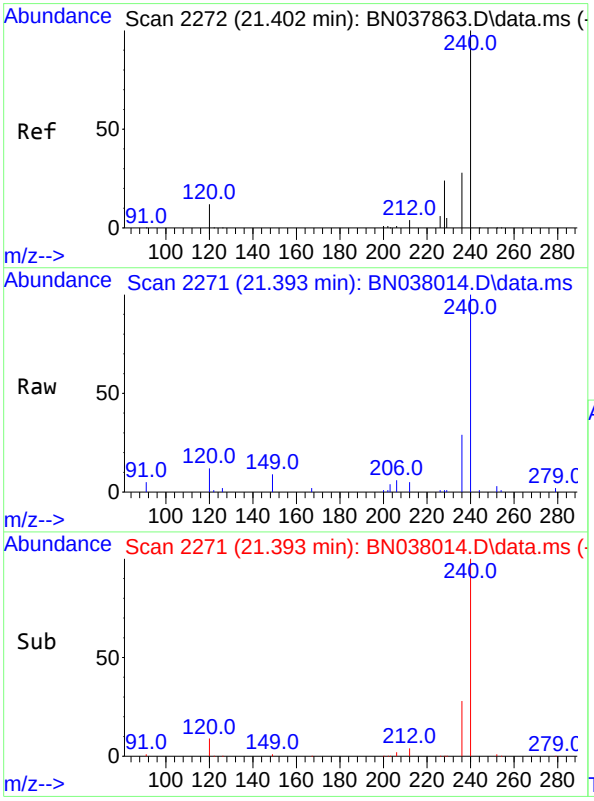
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.238 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:212 Resp: 19093

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.8	7.4	11.0

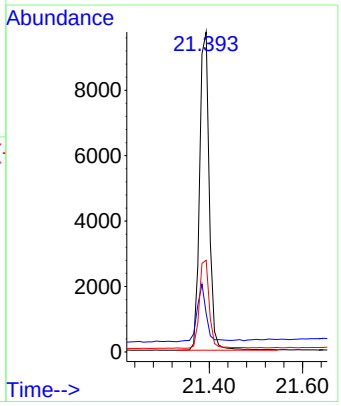


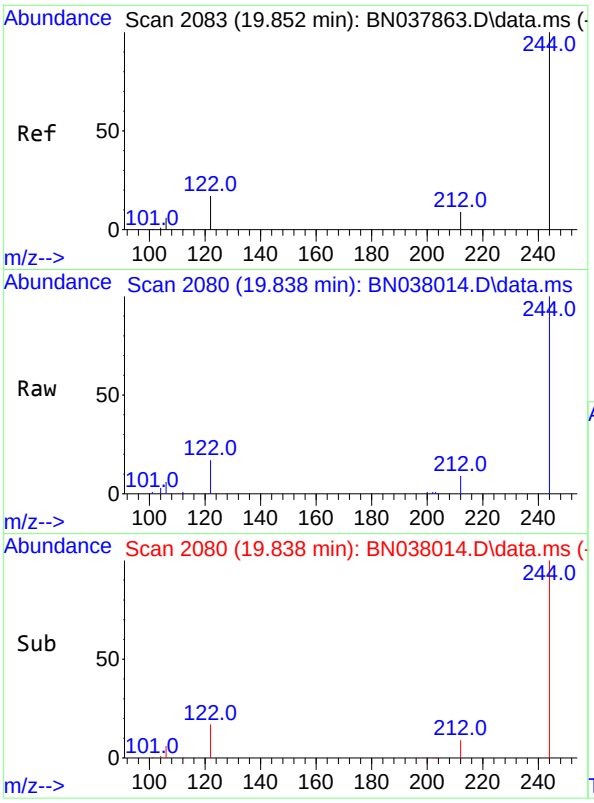


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:240 Resp: 14037

Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.4	17.2
236	28.7	23.0	34.6



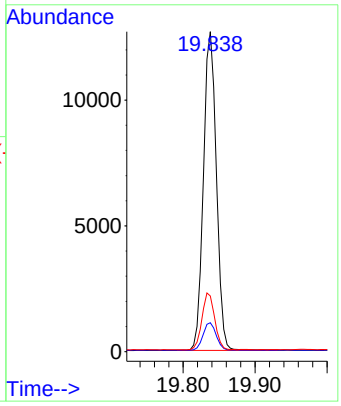


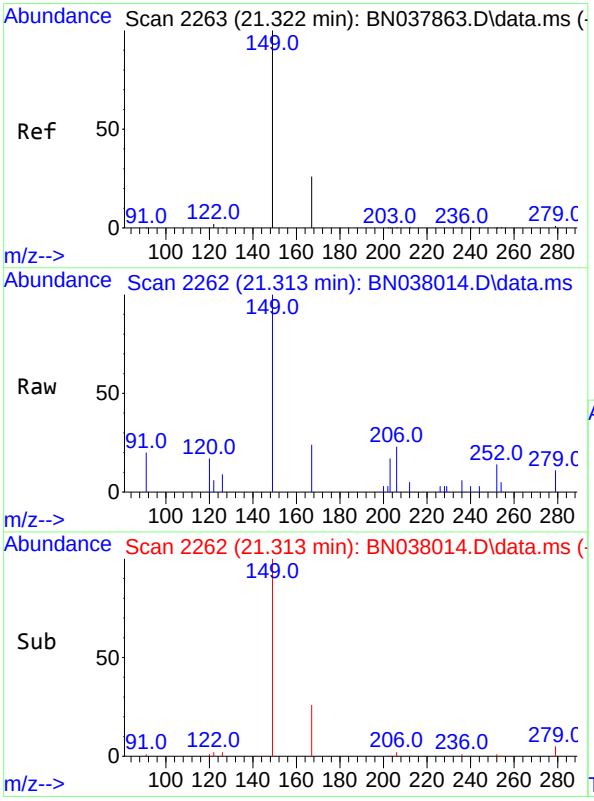
#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.838 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:244 Resp: 15788

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	17.4	13.9	20.9

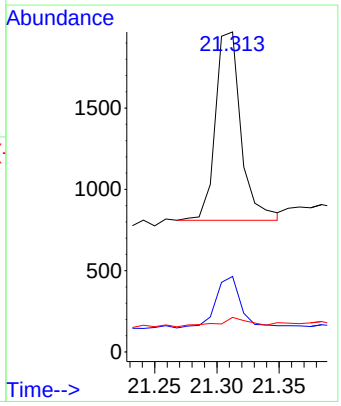


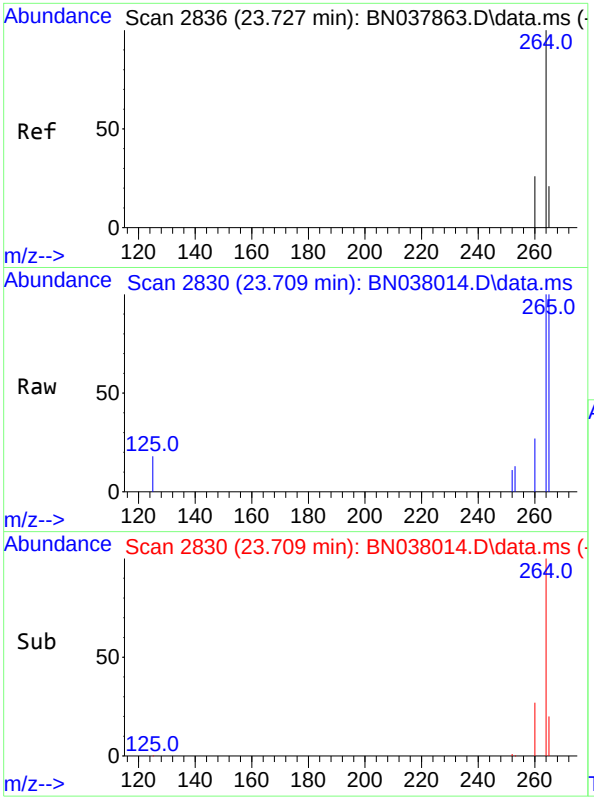


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:149 Resp: 1659

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.4	30.6
279	6.1	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:264 Resp: 10467

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	100.3	53.8	80.6#