Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
Data File : BN037418.D
Acq On : 27 Jun 2025 10:45
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 27 11:14:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1980	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3978	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2680	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5035	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4921	0.400	ng	0.00
35) Perylene-d12	23.348	264	3783	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	1439	0.377	ng	0.00
5) Phenol-d6	6.751	99	1135	0.287	ng	0.00
8) Nitrobenzene-d5	8.728	82	1008	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	2119	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	523	0.333	ng	0.01
15) 2-Fluorobiphenyl	12.838	172	4000	0.346	ng	0.00
27) Fluoranthene-d10	19.003	212	5607	0.389	ng	0.00
31) Terphenyl-d14	19.611	244	4125	0.393	ng	0.00
Target Compounds						Qvalue

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
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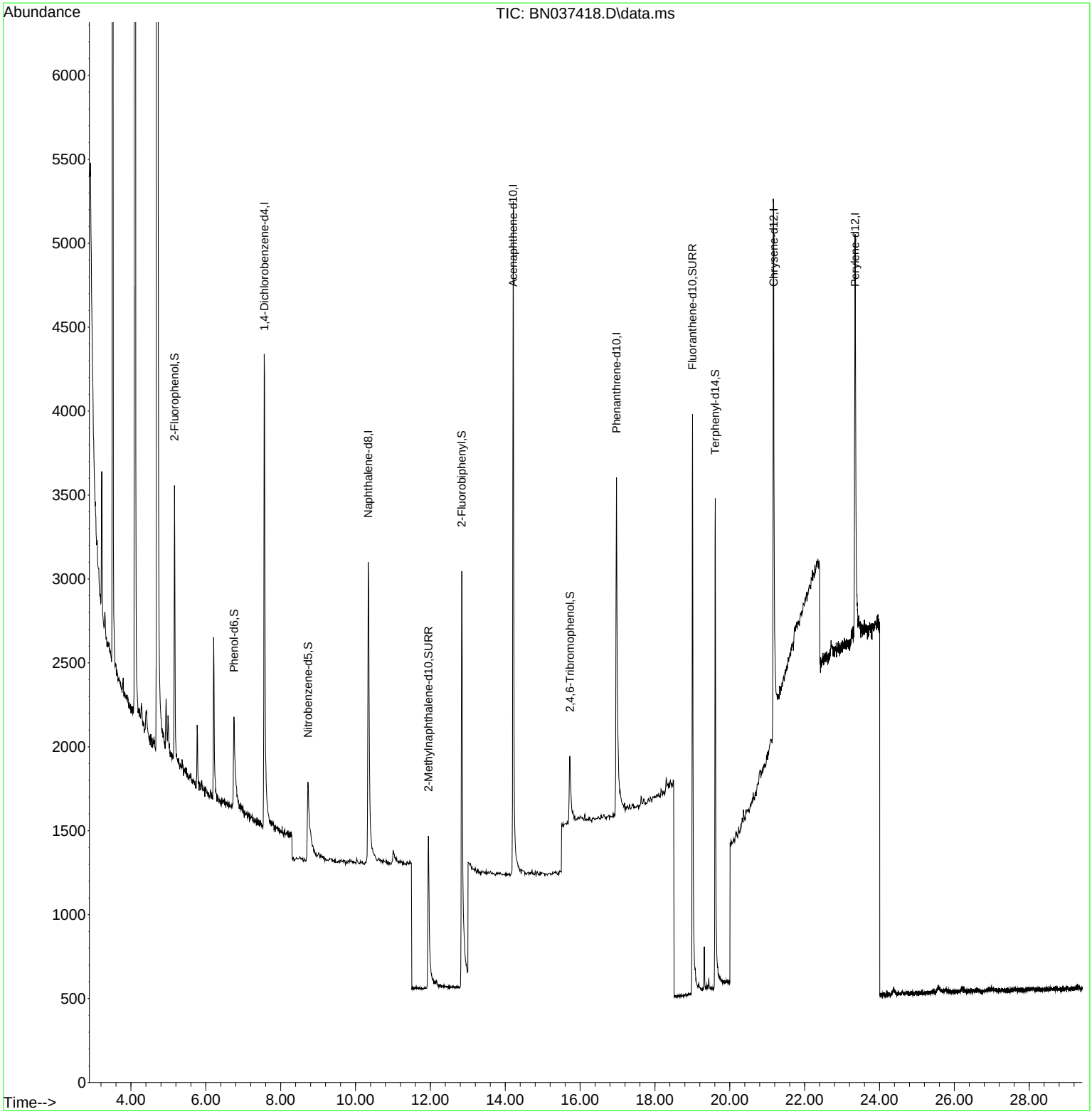
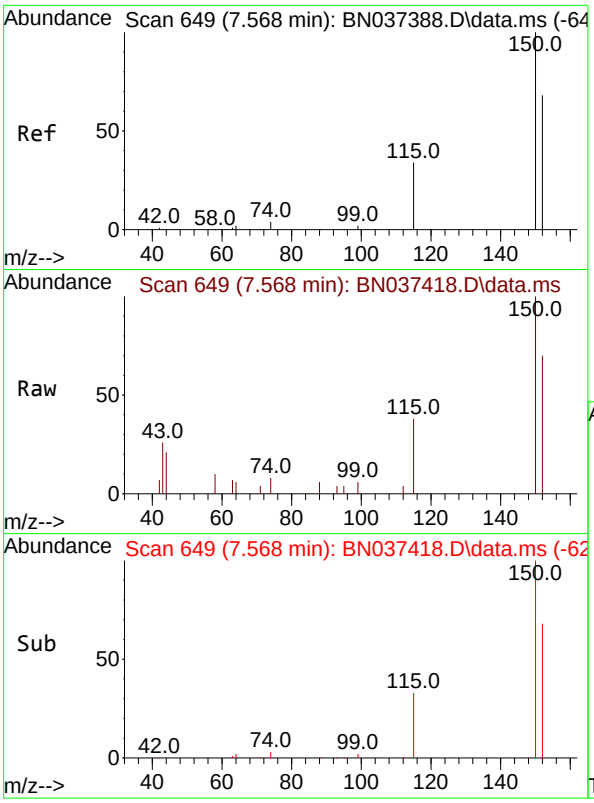


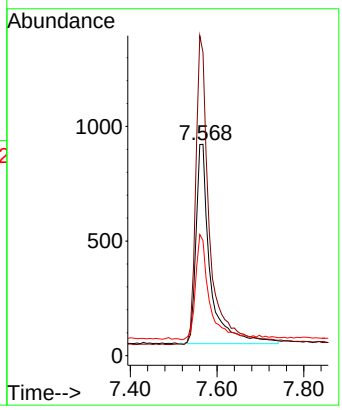


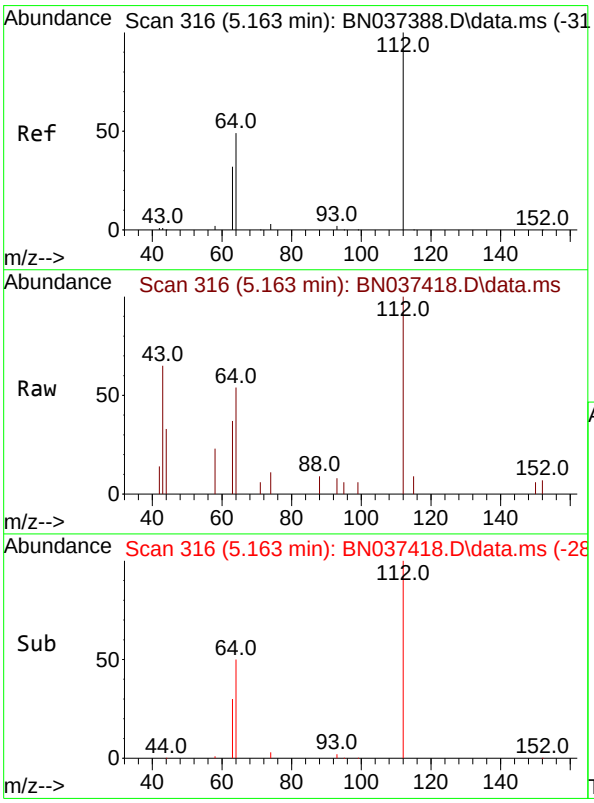
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:152 Resp: 1980

Ion	Ratio	Lower	Upper
152	100		
150	143.4	116.2	174.2
115	54.4	42.9	64.3

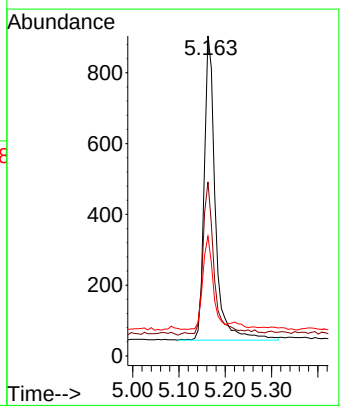


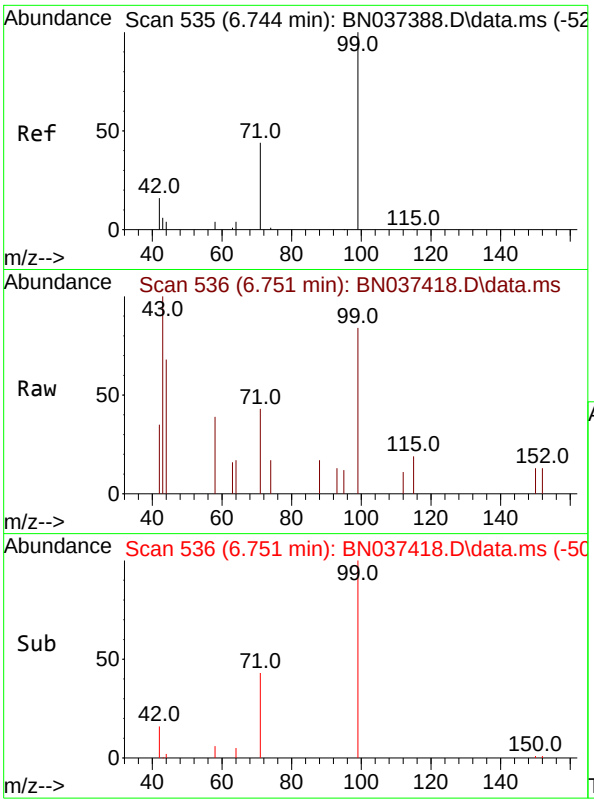


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:112 Resp: 1439

Ion	Ratio	Lower	Upper
112	100		
64	47.8	40.3	60.5
63	28.1	26.1	39.1



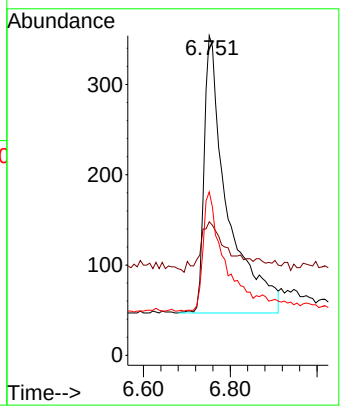


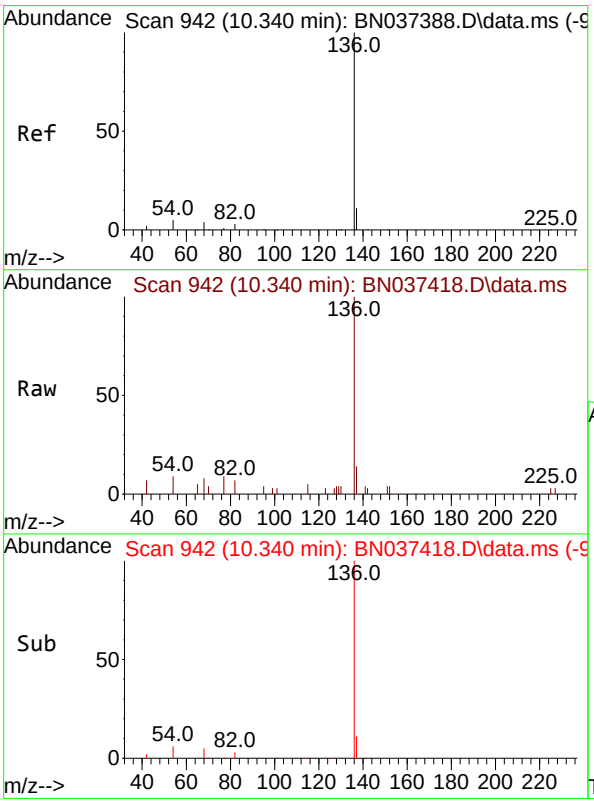
#5
Phenol-d6
Concen: 0.287 ng
RT: 6.751 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 99 Resp: 1135

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	39.8	35.8	53.8

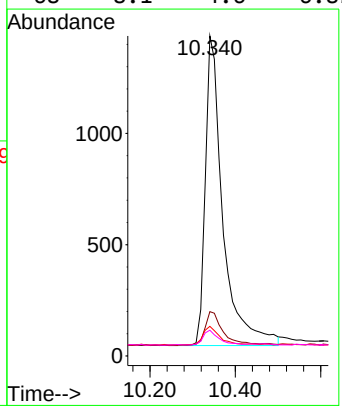


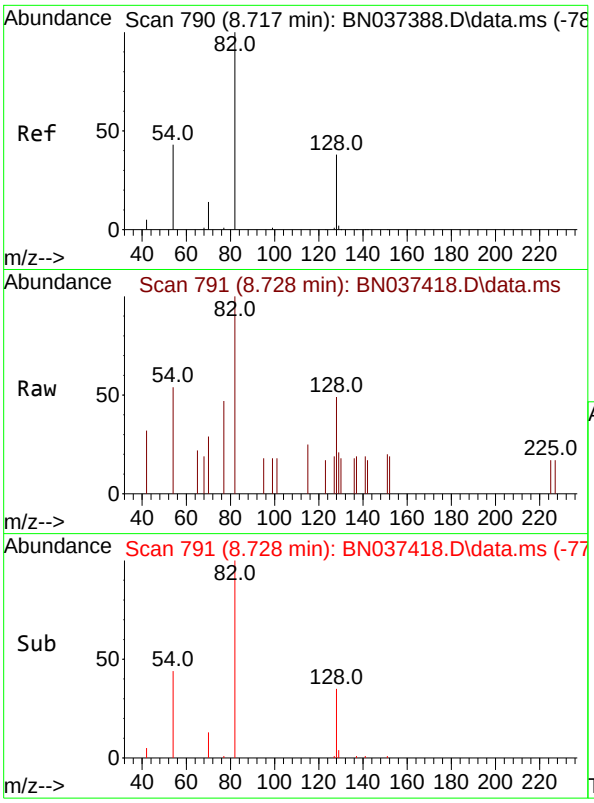


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:136 Resp: 3978

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.4	15.6
54	9.2	5.6	8.4#
68	8.1	4.6	6.8#



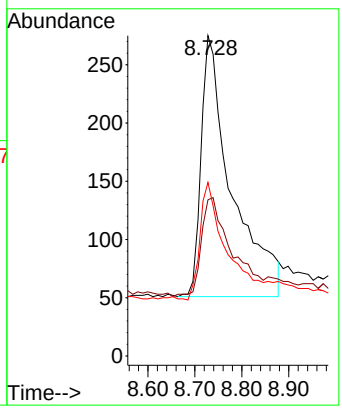


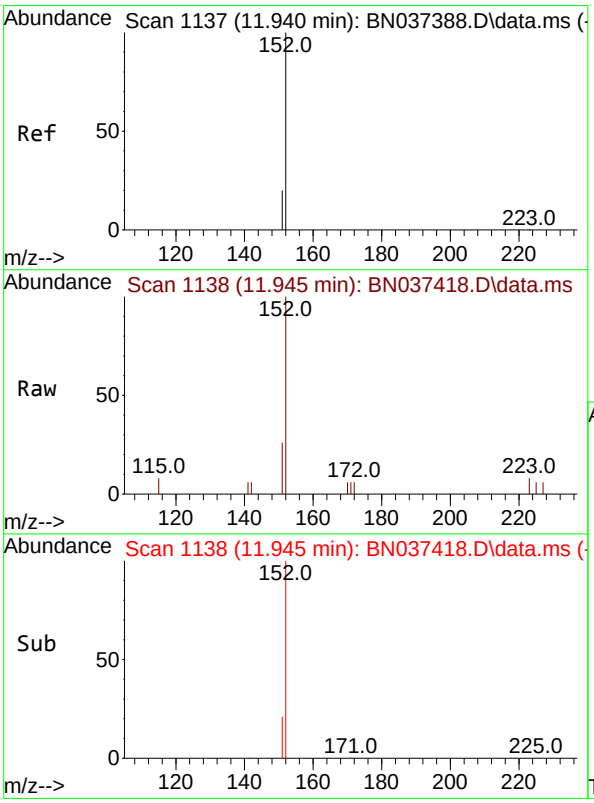
#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.728 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 82 Resp: 1008

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	54.2	37.7	56.5

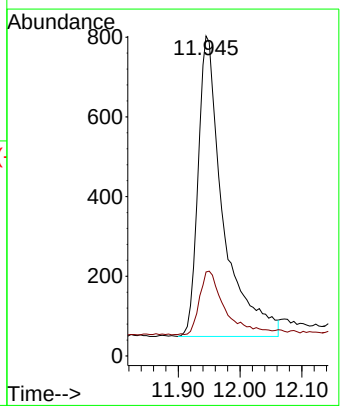


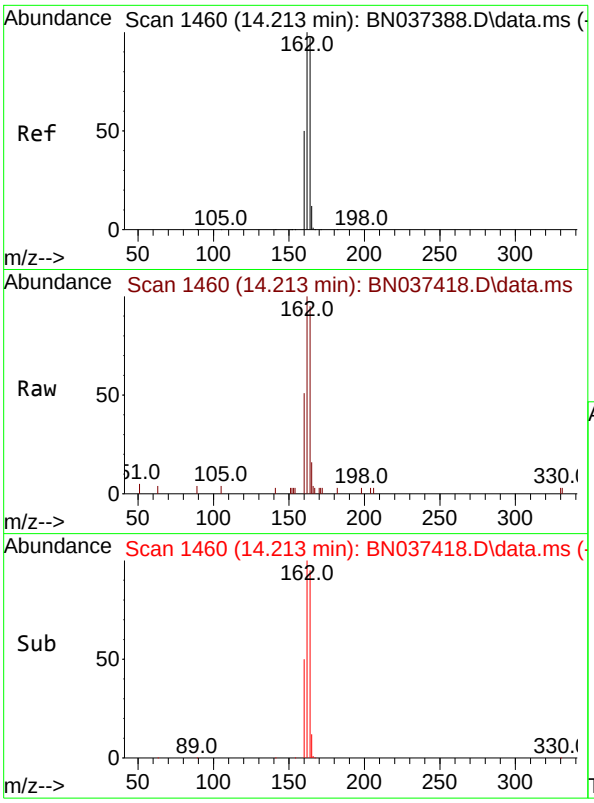


#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.945 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:152 Resp: 2119

Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.4	27.6



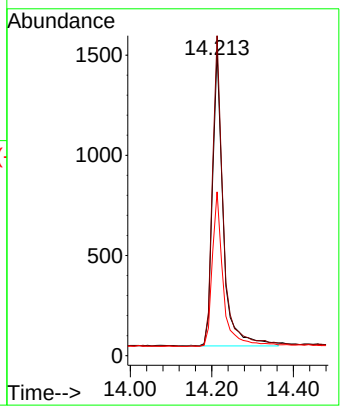


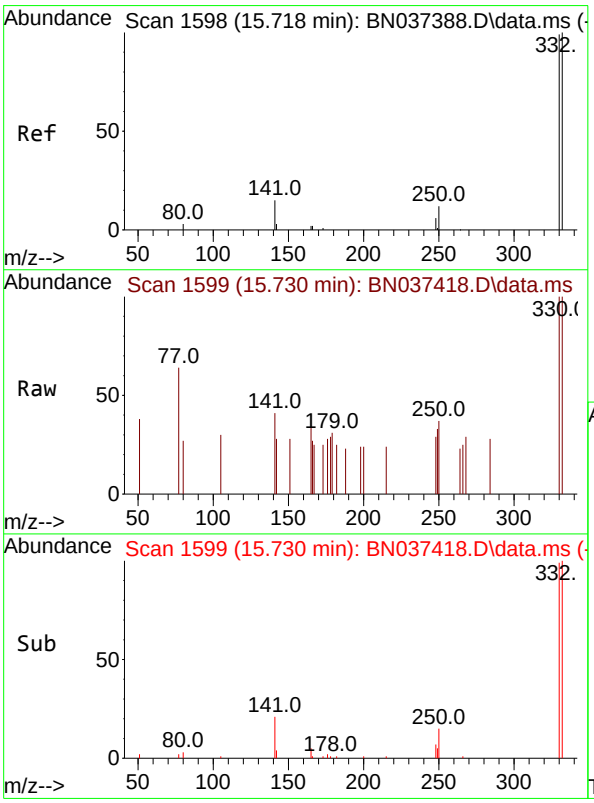
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:164 Resp: 2680

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	53.9	42.2	63.2

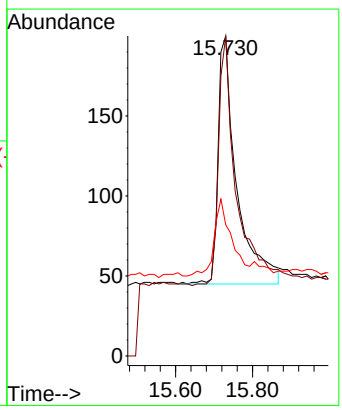


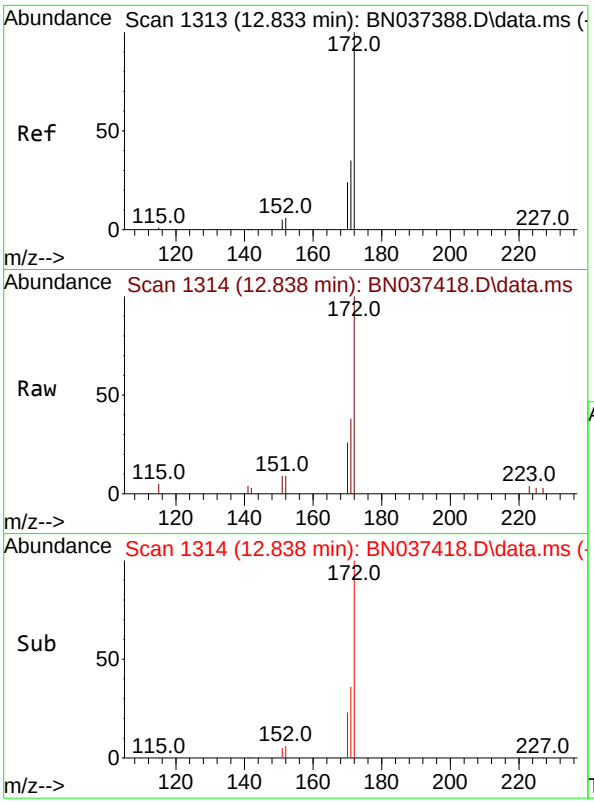


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:330 Resp: 523

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.8	116.8
141	28.7	24.0	36.0



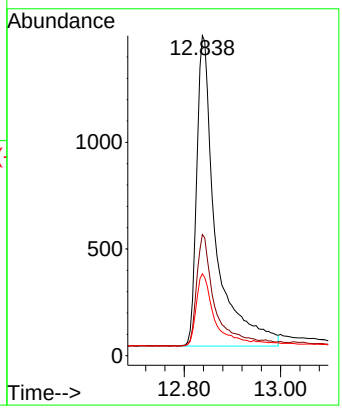


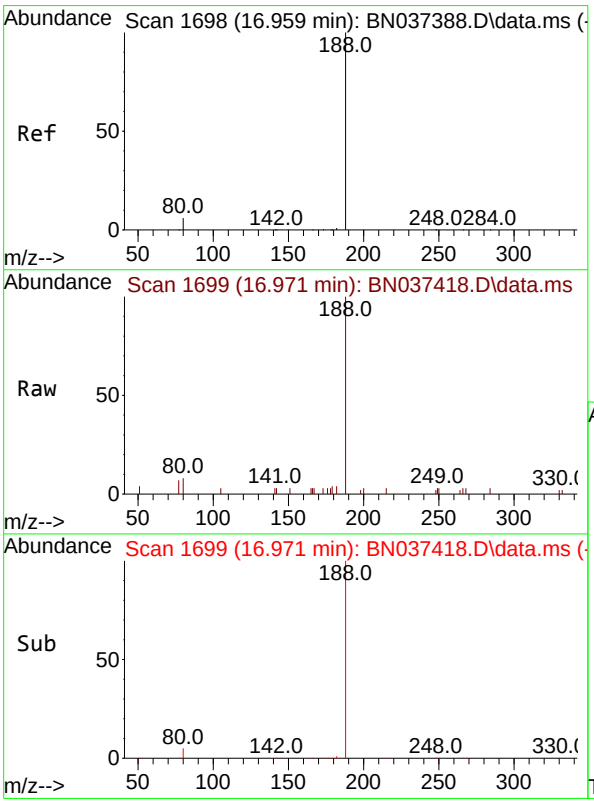
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.838 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:172 Resp: 4000

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.8	43.2
170	25.6	20.3	30.5

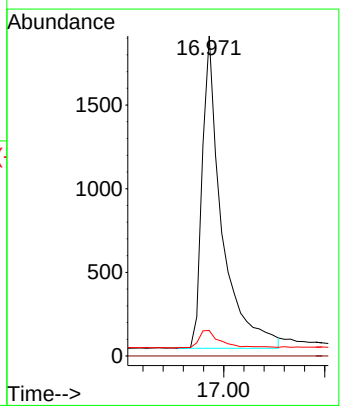


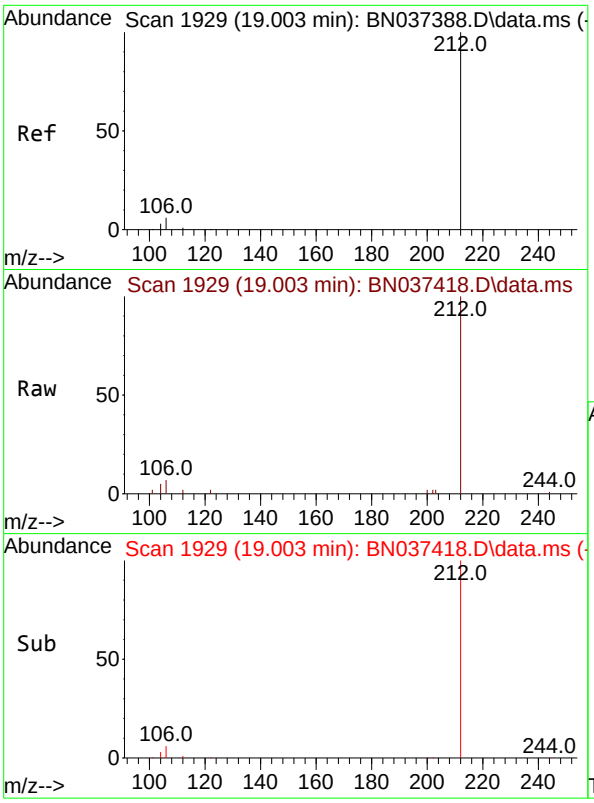


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:188 Resp: 5035

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.2	9.4



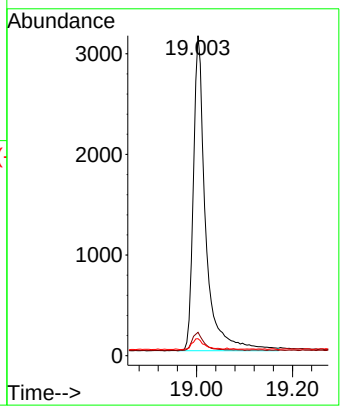


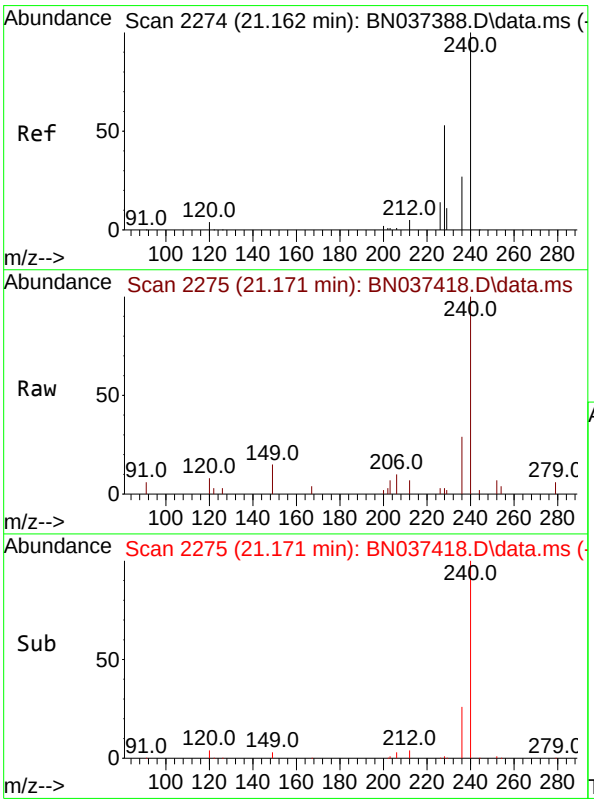
#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:212 Resp: 5607

Ion	Ratio	Lower	Upper
212	100		
106	5.8	4.5	6.7
104	3.5	2.7	4.1

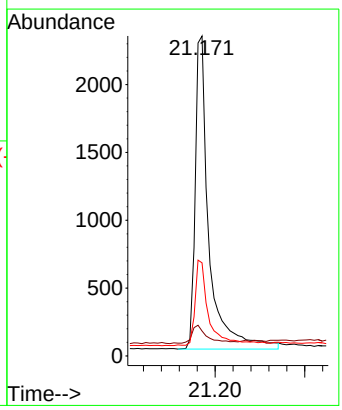


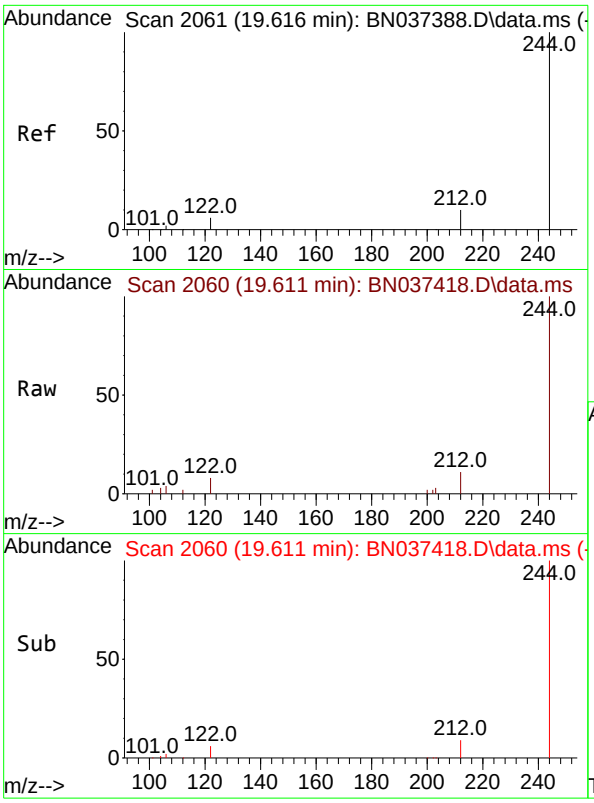


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.009 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:240 Resp: 4921

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.3	7.9
236	29.1	22.7	34.1



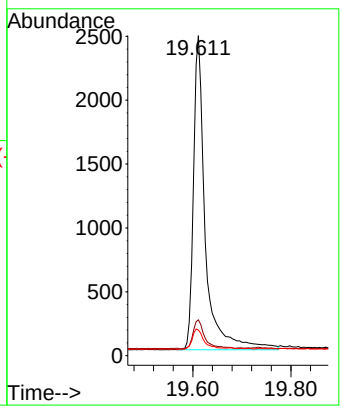


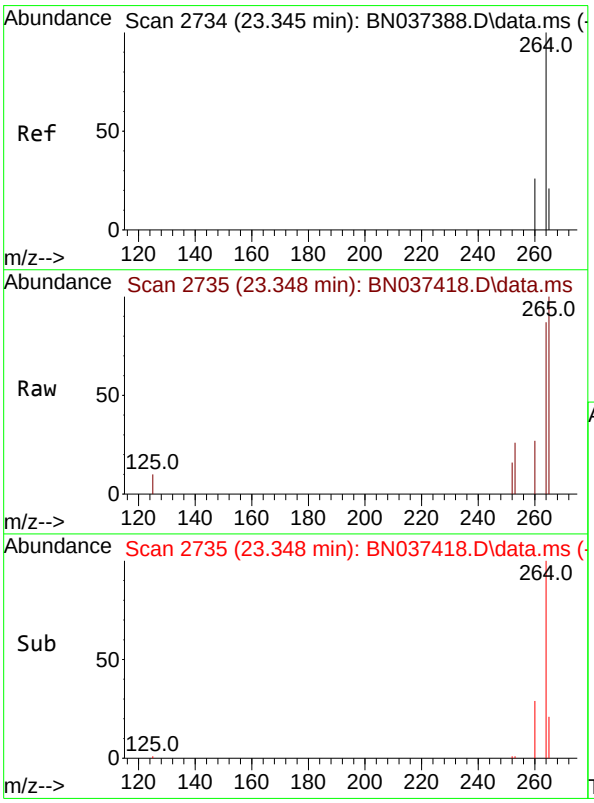
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.611 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:244 Resp: 4125

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.1	13.7
122	8.0	6.3	9.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.348 min Scan# 2735
Delta R.T. 0.003 min
Lab File: BN037418.D
Acq: 27 Jun 2025 10:45

Tgt Ion:264 Resp: 3783

Ion	Ratio	Lower	Upper
264	100		
260	30.6	21.4	32.0
265	114.4	56.2	84.4#