Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037604.D
Acq On : 19 Aug 2025 13:04
Operator : RC/JU
Sample : Q2842-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Quant Time: Aug 20 01:25:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2101	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4983	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2519	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5311	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4640	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4122	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	686	0.144	ng	0.00
5) Phenol-d6	6.879	99	472	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1079	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1963	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	412	0.374	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4451	0.306	ng	0.00
27) Fluoranthene-d10	19.118	212	5412	0.387	ng	0.00
31) Terphenyl-d14	19.722	244	5059	0.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5667	2.819	ng	# 94
25) Phenanthrene	17.124	178	1209	0.075	ng	99
28) Fluoranthene	19.146	202	1009	0.054	ng	98
30) Pyrene	19.508	202	640	0.037	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.205	149	1816	0.284	ng	97

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

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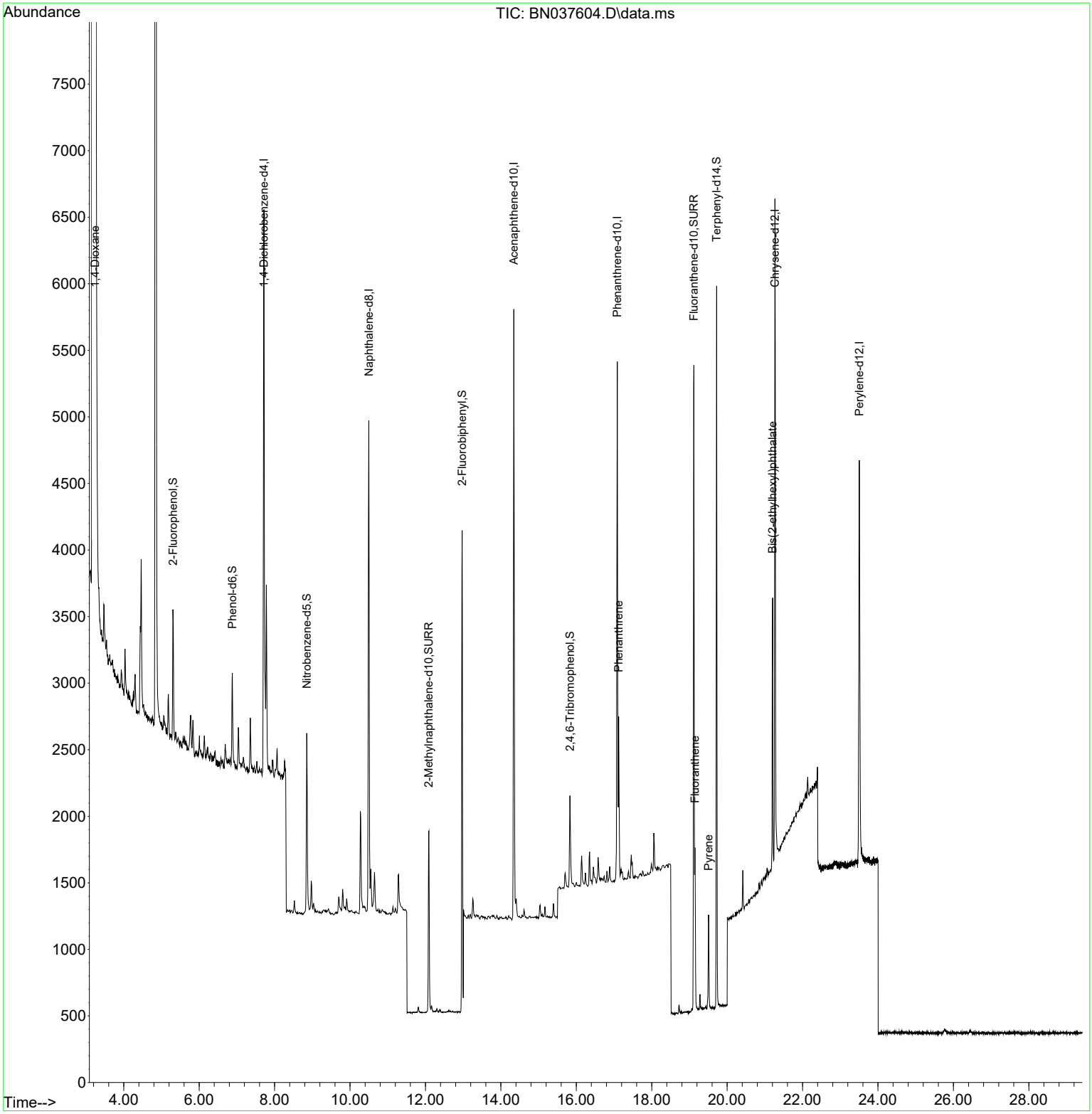
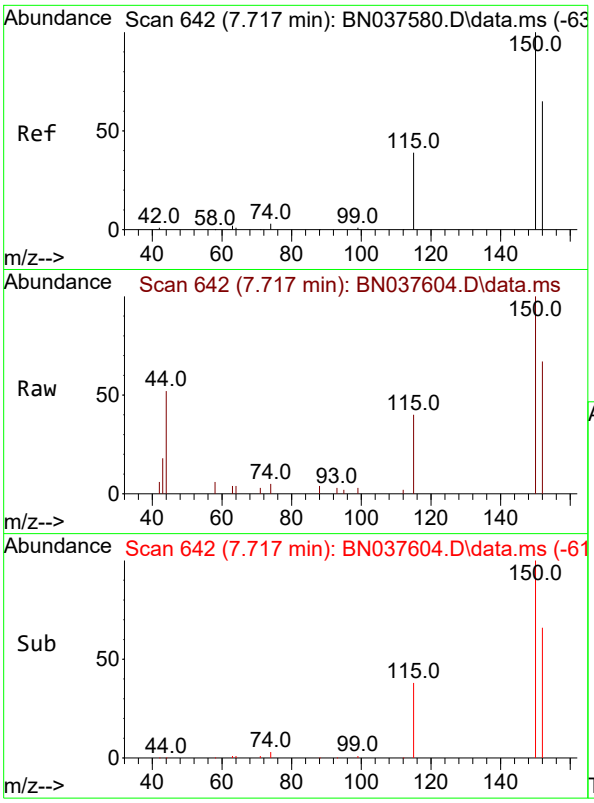


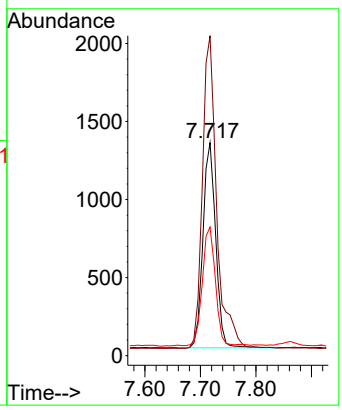


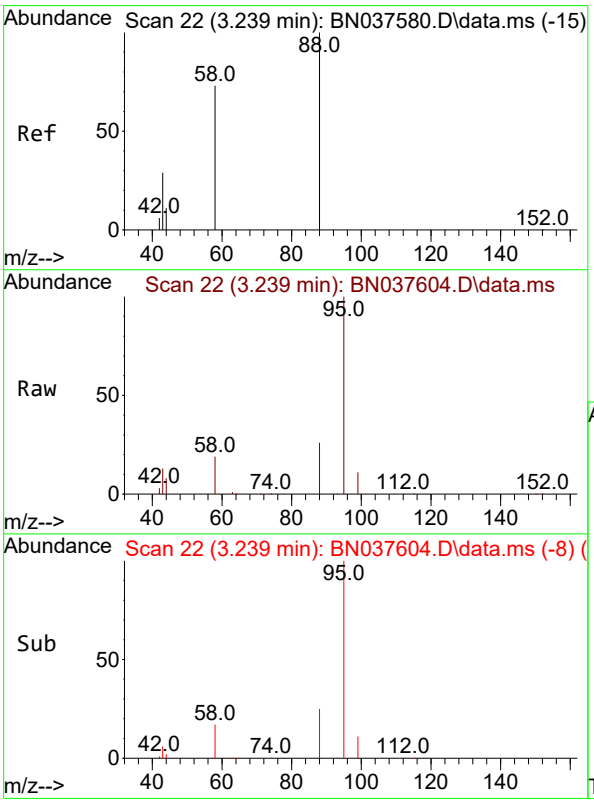
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:152 Resp: 2101

Ion	Ratio	Lower	Upper
152	100		
150	150.3	122.2	183.4
115	60.4	49.8	74.6

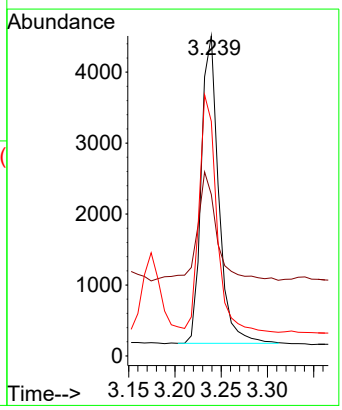


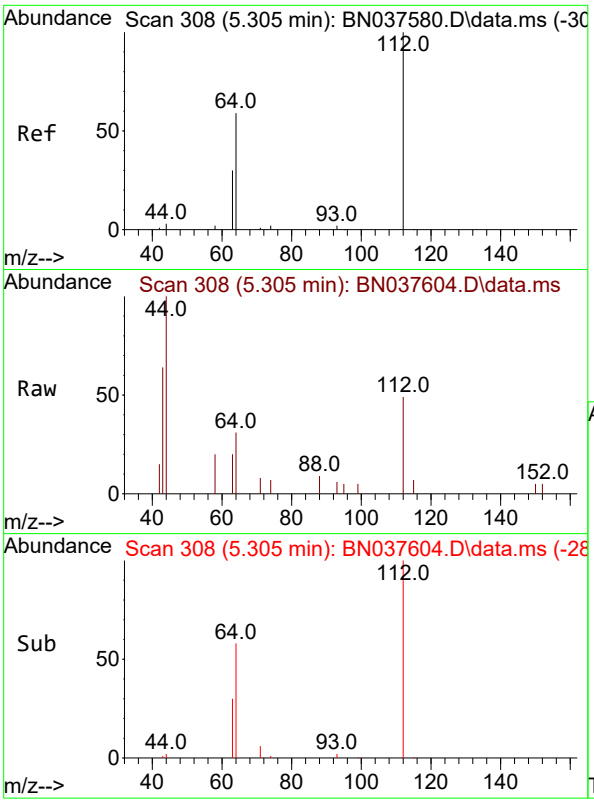


#2
1,4-Dioxane
Concen: 2.819 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 88 Resp: 5667

Ion	Ratio	Lower	Upper
88	100		
43	40.2	25.8	38.6#
58	78.2	61.2	91.8



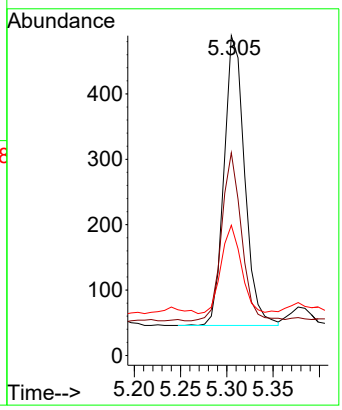


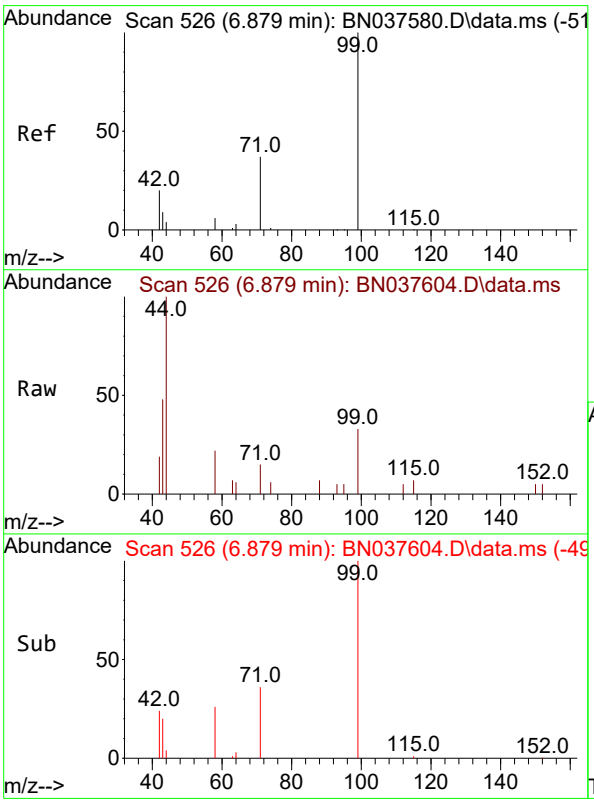
#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.305 min Scan# 3(
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:112 Resp: 686

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.9	67.3
63	29.9	23.4	35.2

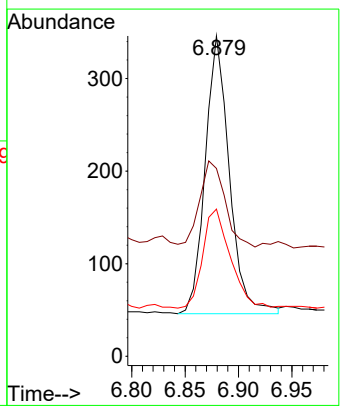


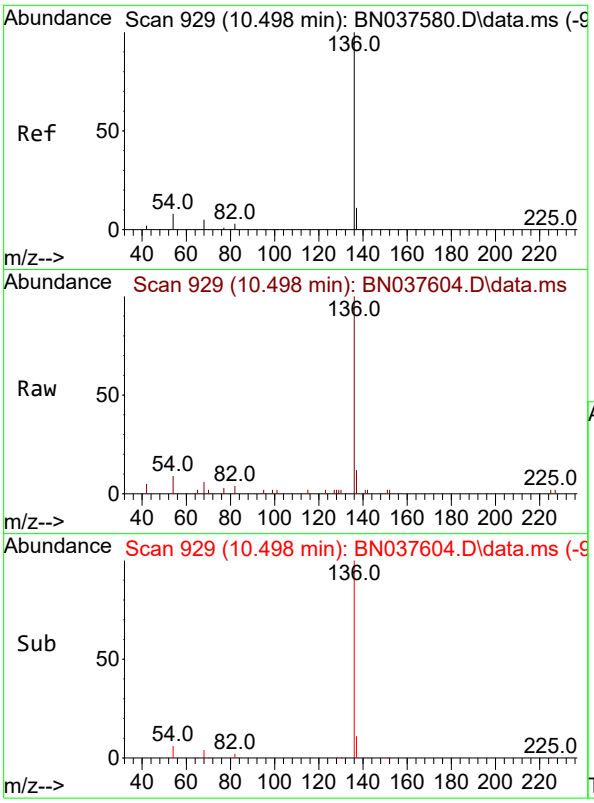


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 99 Resp: 472

Ion	Ratio	Lower	Upper
99	100		
42	32.2	18.5	27.7#
71	40.9	28.6	42.8



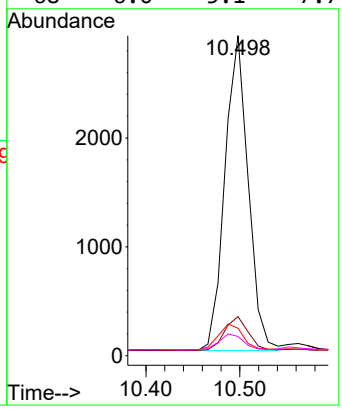


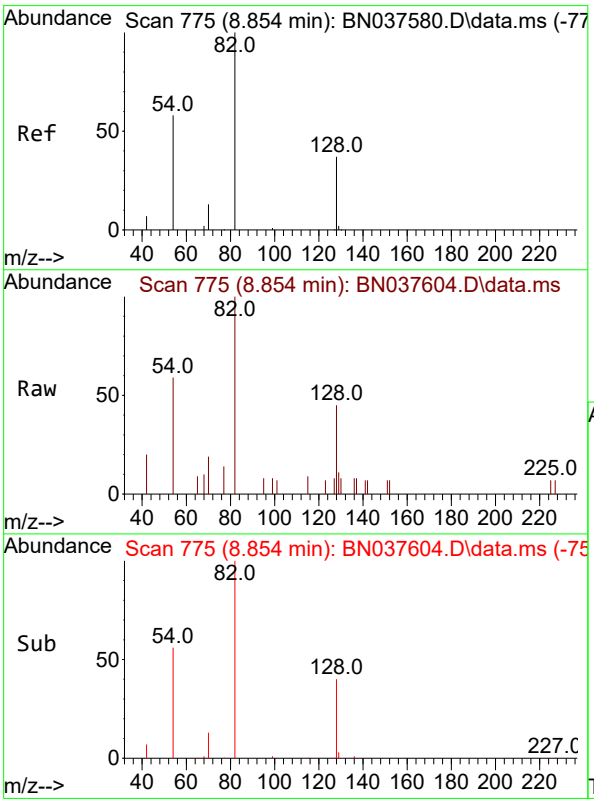
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:136 Resp: 4983

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	8.5	7.3	10.9
68	6.0	5.1	7.7

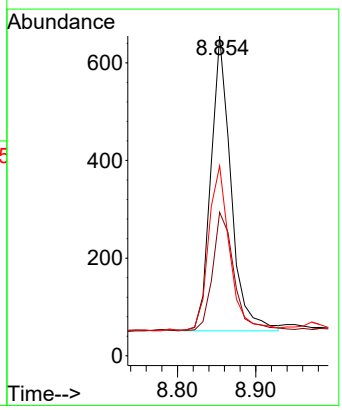


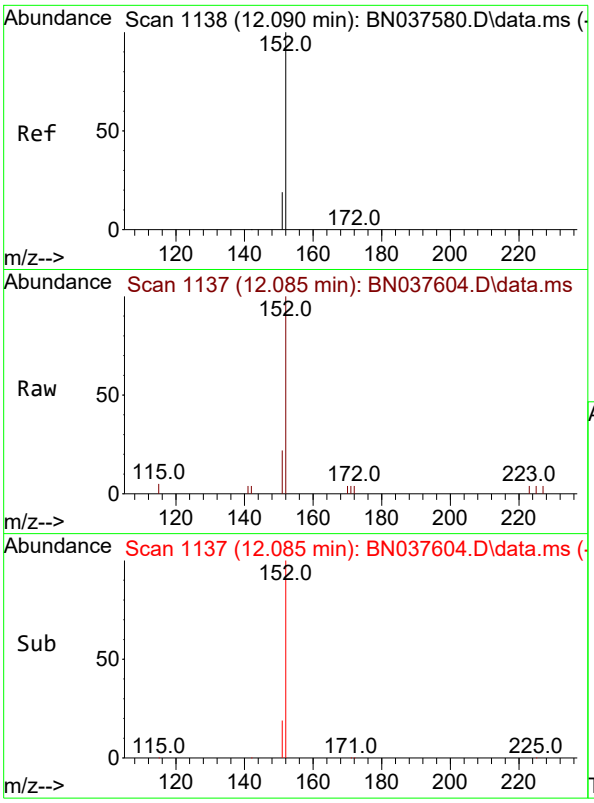


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 82 Resp: 1079

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	48.8
54	59.4	48.9	73.3



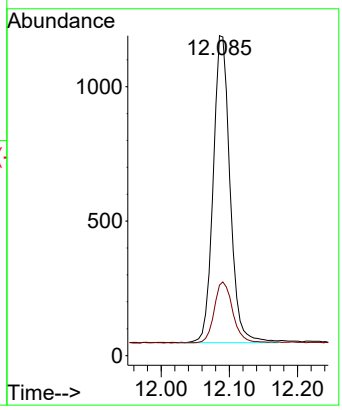


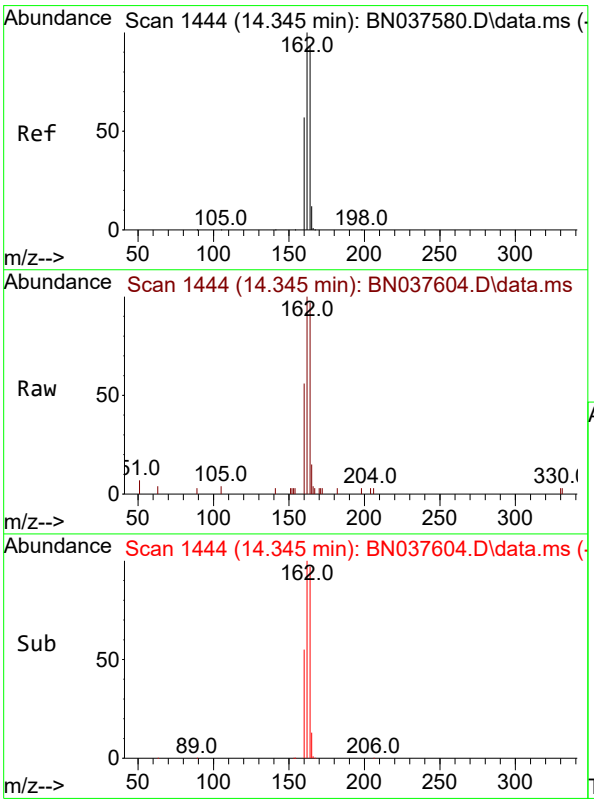
#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.085 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:152 Resp: 1963

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9

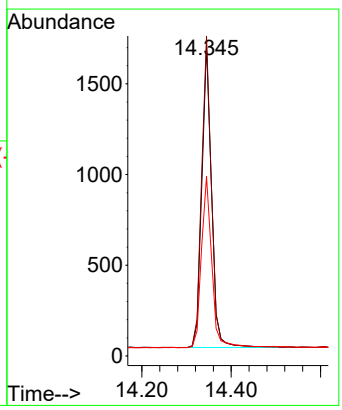


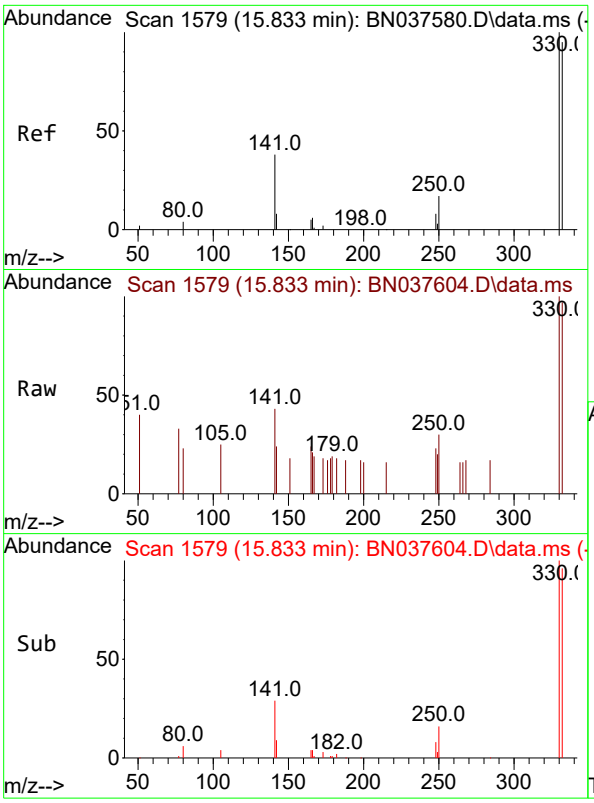


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:164 Resp: 2519

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.5	128.3
160	57.8	49.5	74.3



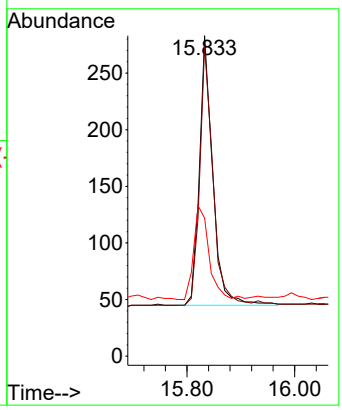


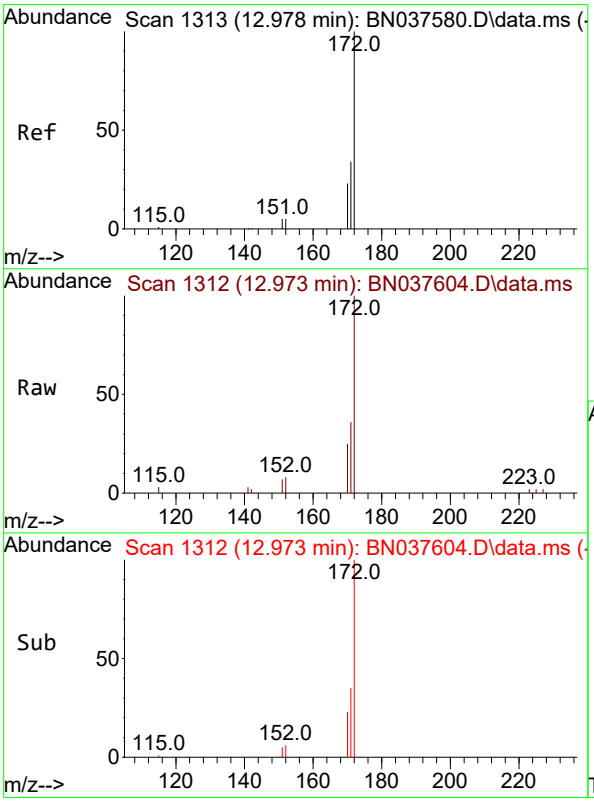
#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:330 Resp: 412

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	40.0	30.9	46.3

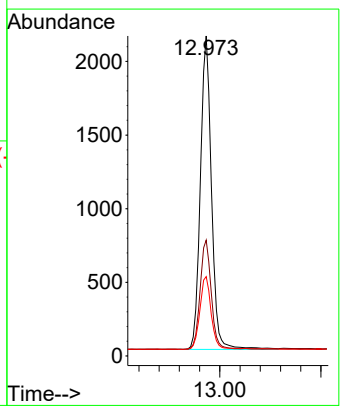


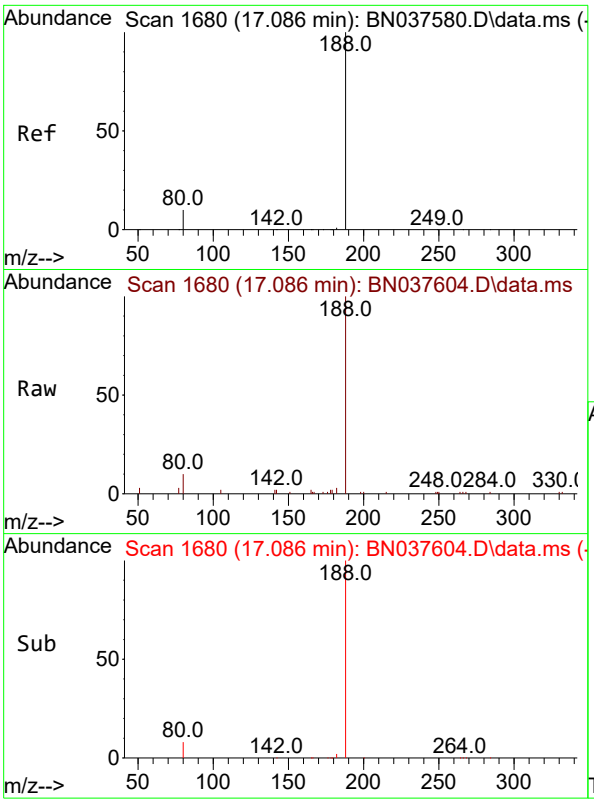


#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:172 Resp: 4451

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	24.8	19.2	28.8



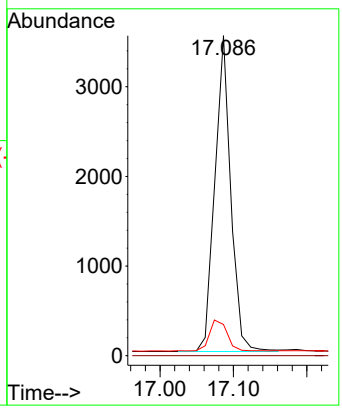


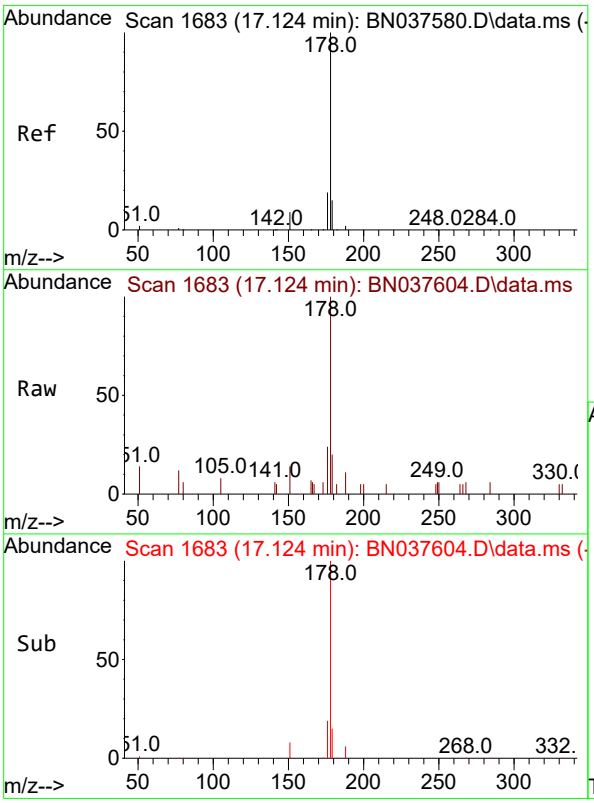
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:188 Resp: 5311

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	9.1	13.7

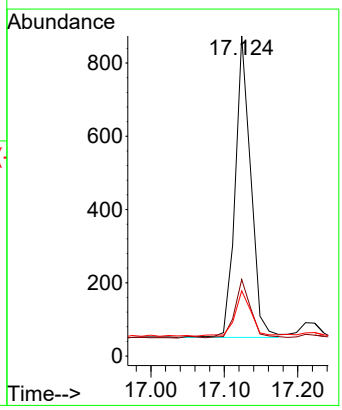


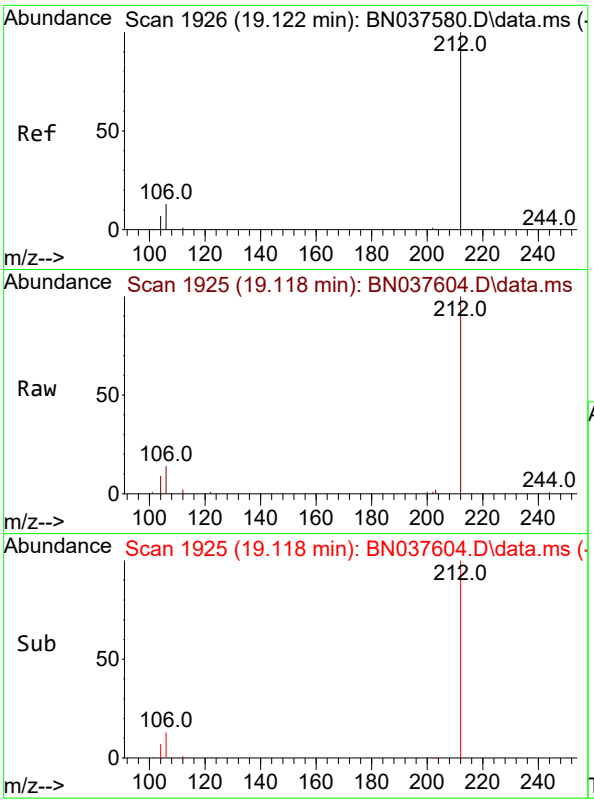


#25
Phenanthrene
Concen: 0.075 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:178 Resp: 1209

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.9	12.3	18.5



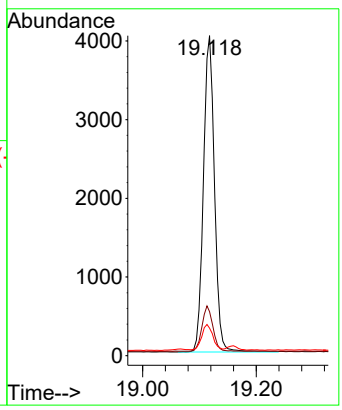


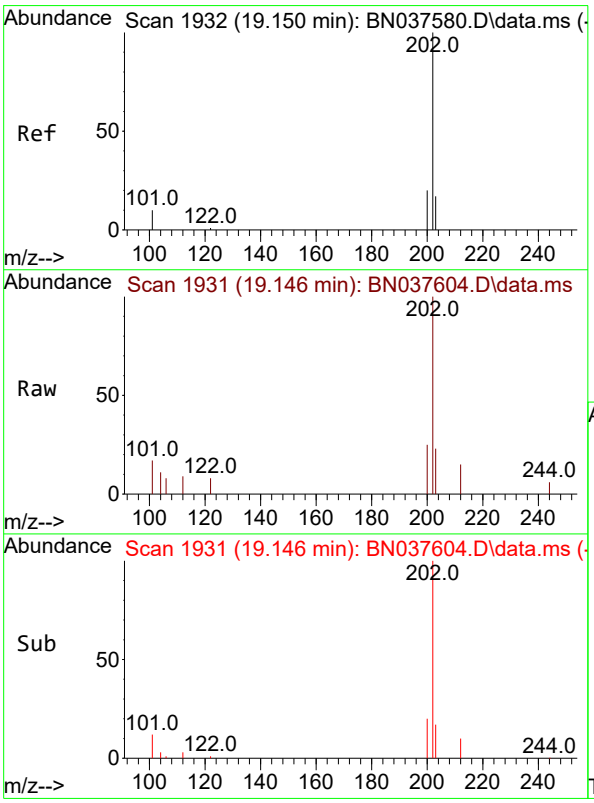
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.118 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:212 Resp: 5412

Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	8.2	6.6	9.8

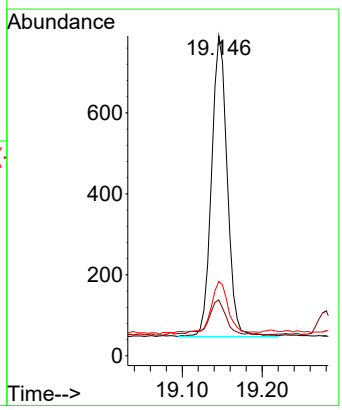


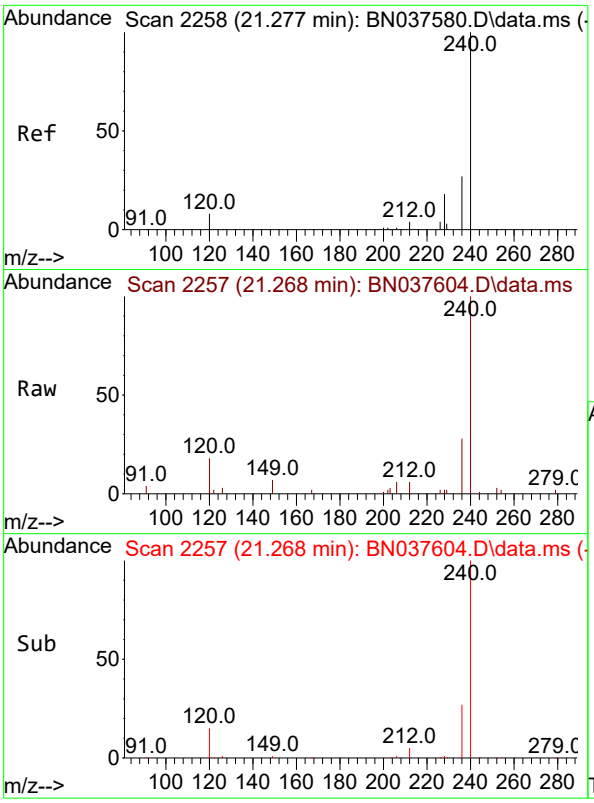


#28
Fluoranthene
Concen: 0.054 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:202 Resp: 1009

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.0	13.6
203	17.4	13.8	20.8



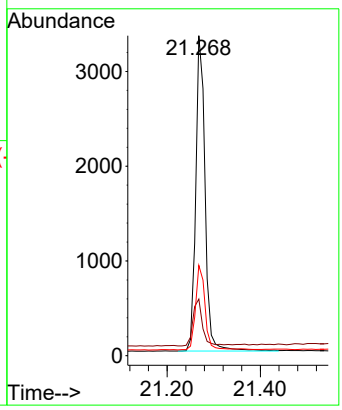


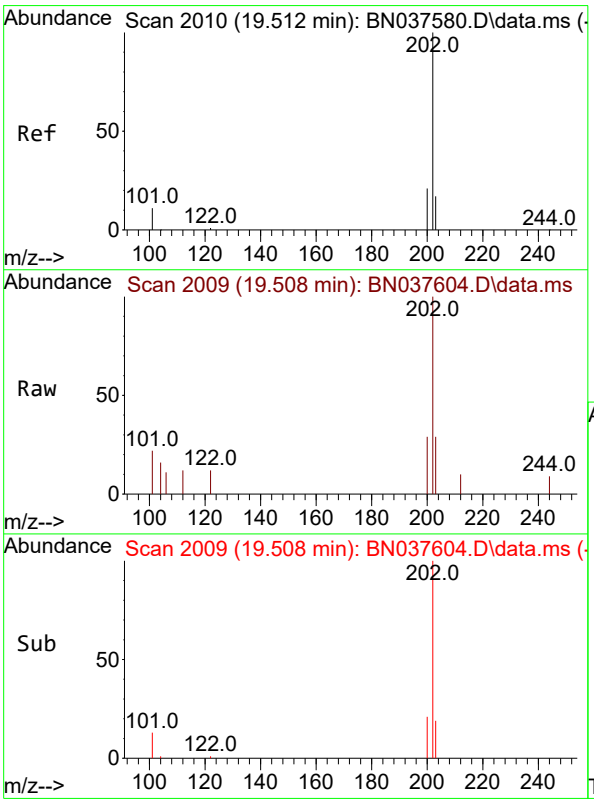
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:240 Resp: 4640

Ion	Ratio	Lower	Upper
240	100		
120	17.7	8.9	13.3#
236	28.2	22.6	33.8

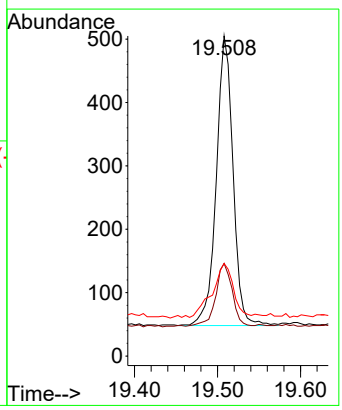


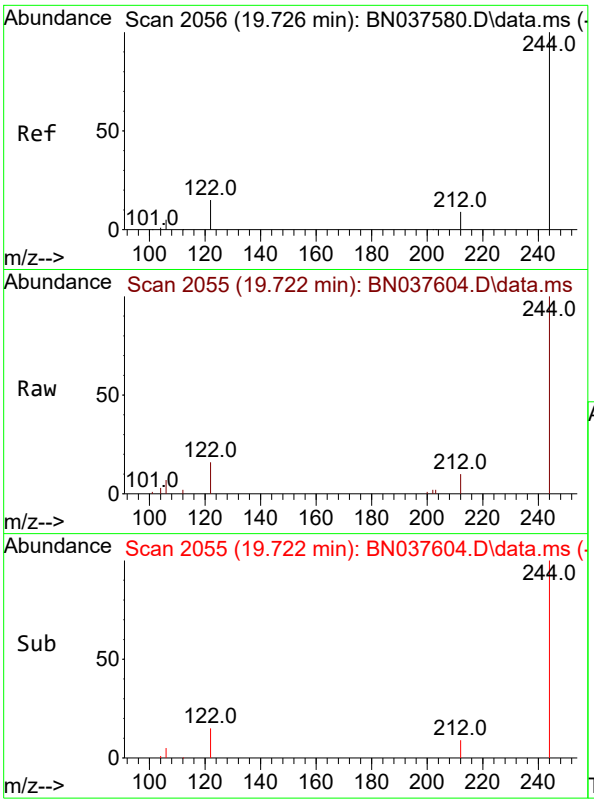


#30
Pyrene
Concen: 0.037 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:202 Resp: 640

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	23.3	14.3	21.5#



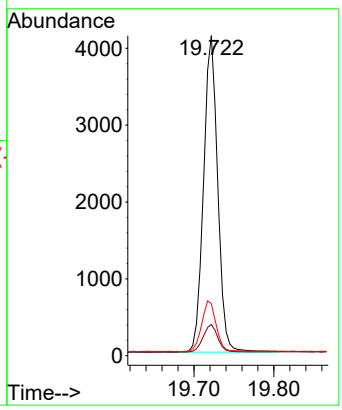


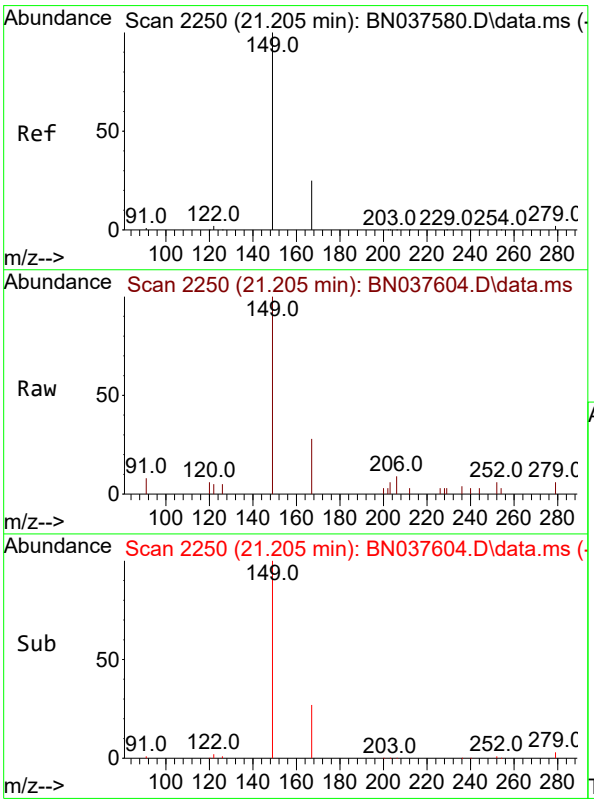
#31
Terphenyl-d14
Concen: 0.530 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:244 Resp: 5059

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.2
122	16.3	13.2	19.8

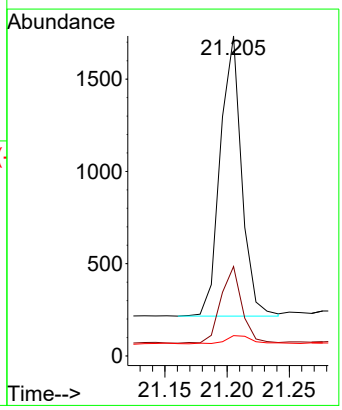


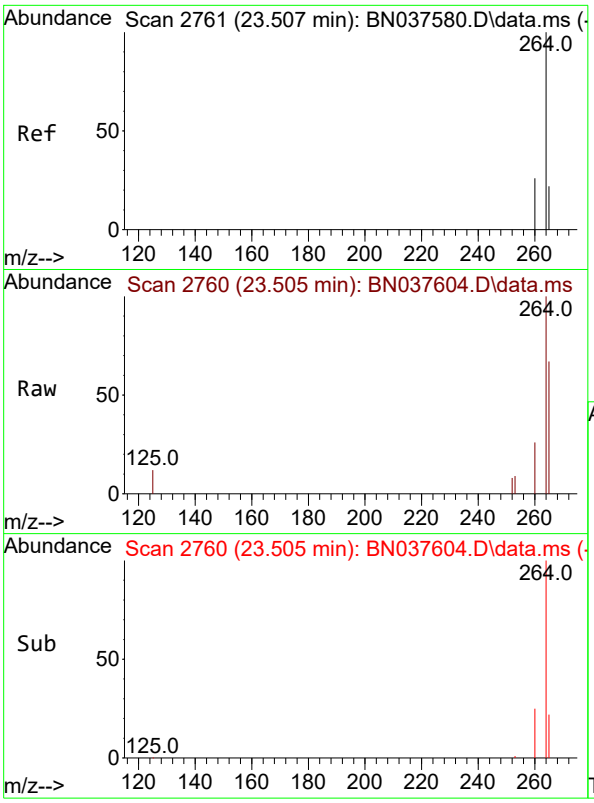


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.284 ng
RT: 21.205 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:149 Resp: 1816

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.5	30.7
279	3.7	2.6	4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

Tgt Ion:264 Resp: 4122

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.6	32.4
265	67.1	48.2	72.4