Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037395.D
Acq On : 26 Jun 2025 16:06
Operator : RC/JU
Sample : Q2345-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Quant Time: Jun 26 16:29:04 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	1748	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3967	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2665	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5237	0.400	ng	# 0.01
29) Chrysene-d12	21.162	240	4862	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	4950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	395	0.117	ng	0.00
5) Phenol-d6	6.759	99	216	0.062	ng	0.01
8) Nitrobenzene-d5	8.717	82	949	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	2153	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	560	0.358	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	5087	0.442	ng	0.00
27) Fluoranthene-d10	19.003	212	5956	0.397	ng	0.00
31) Terphenyl-d14	19.611	244	4896	0.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	62	0.037	ng	# 1
3) n-Nitrosodimethylamine	3.400	42	220	0.134	ng	# 1
6) bis(2-Chloroethyl)ether	7.004	93	63	0.020	ng	# 78
9) Naphthalene	10.394	128	573	0.056	ng	# 74
10) Hexachlorobutadiene	10.682	225	181	0.045	ng	# 96
12) 2-Methylnaphthalene	12.016	142	396	0.056	ng	# 95
16) Acenaphthylene	13.935	152	288	0.026	ng	# 88
17) Acenaphthene	14.277	154	185	0.026	ng	97
18) Fluorene	15.271	166	329	0.032	ng	98
21) 4-Bromophenyl-phenylether	16.164	248	145	0.039	ng	# 86
22) Hexachlorobenzene	16.276	284	189	0.048	ng	# 87
24) Pentachlorophenol	16.624	266	59	0.028	ng	# 85
25) Phenanthrene	17.009	178	425	0.029	ng	97
26) Anthracene	17.009	178	425	0.031	ng	95
34) Bis(2-ethylhexyl)phtha...	21.090	149	706	0.117	ng	# 96

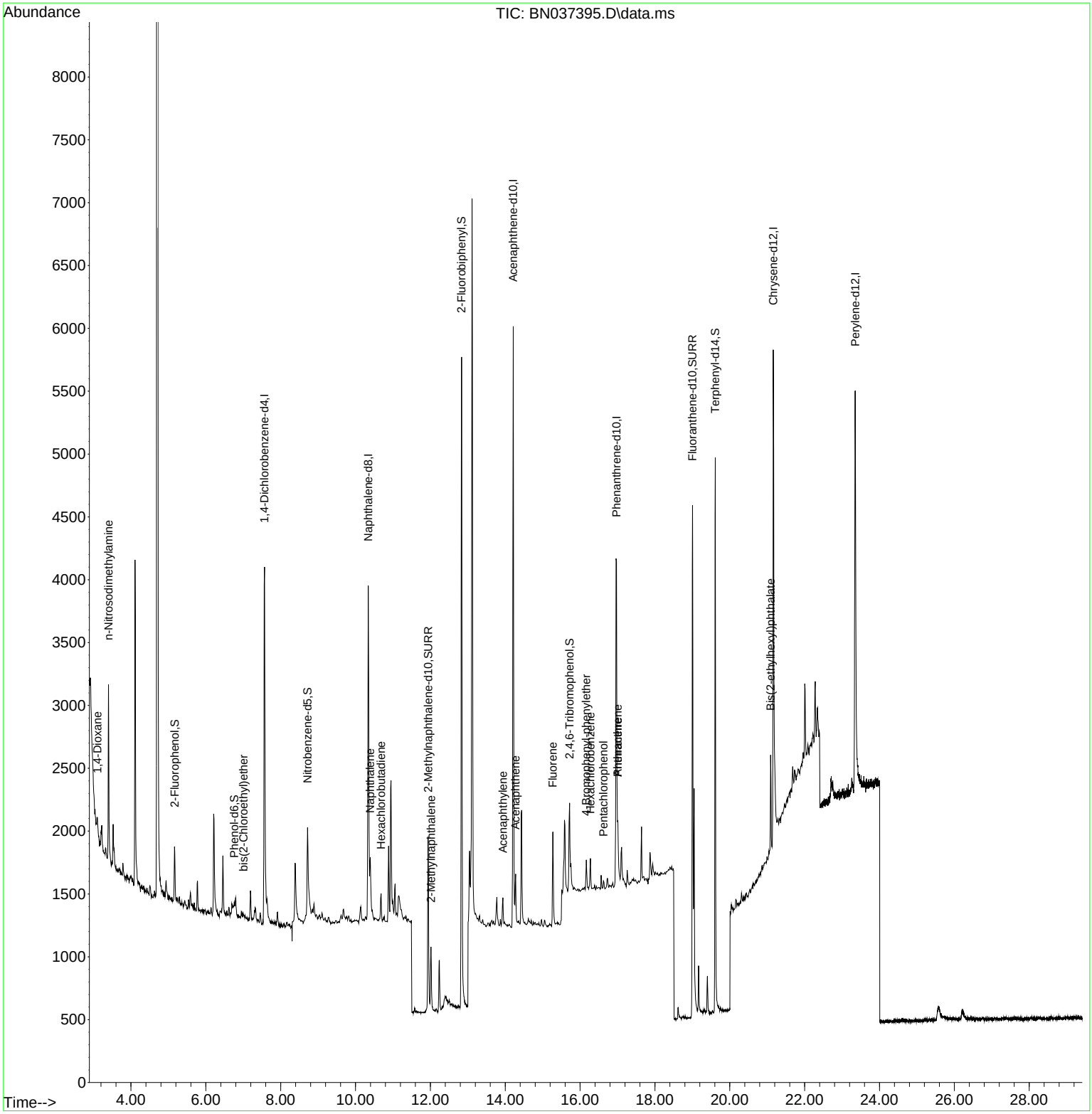
(#) = qualifier out of range (m) = manual integration (+) = signals summed

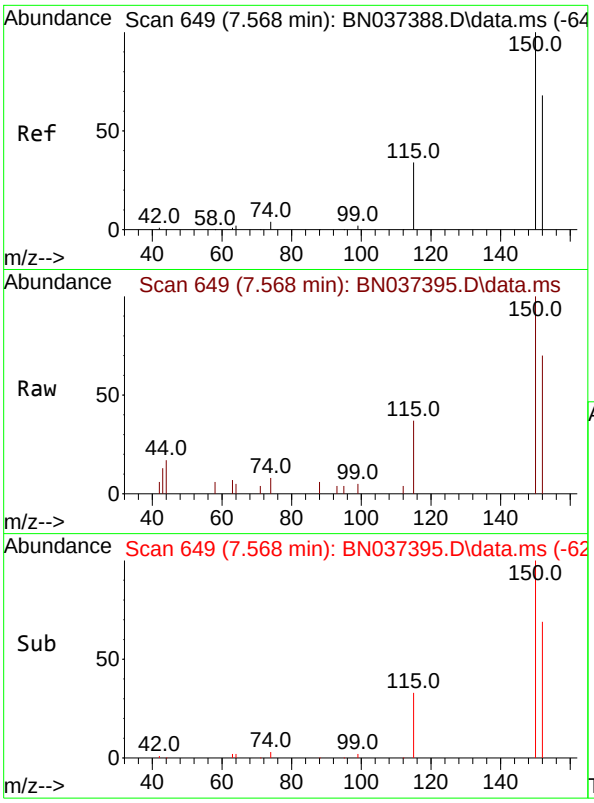
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037395.D
Acq On : 26 Jun 2025 16:06
Operator : RC/JU
Sample : Q2345-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Quant Time: Jun 26 16:29:04 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



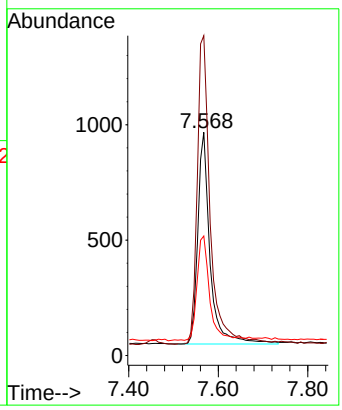


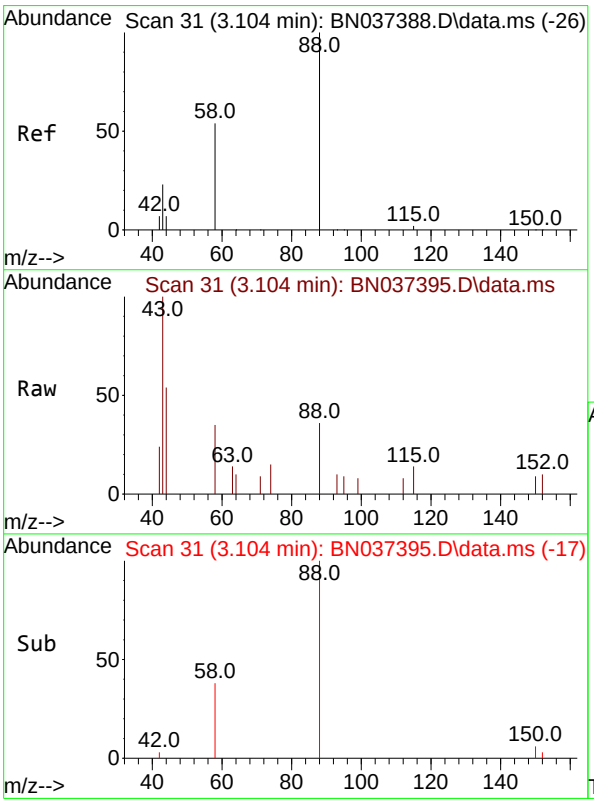
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:152 Resp: 1748

Ion	Ratio	Lower	Upper
152	100		
150	143.3	116.2	174.2
115	53.6	42.9	64.3

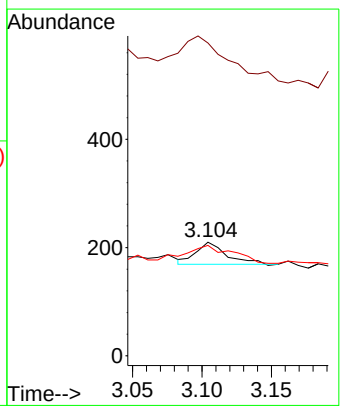


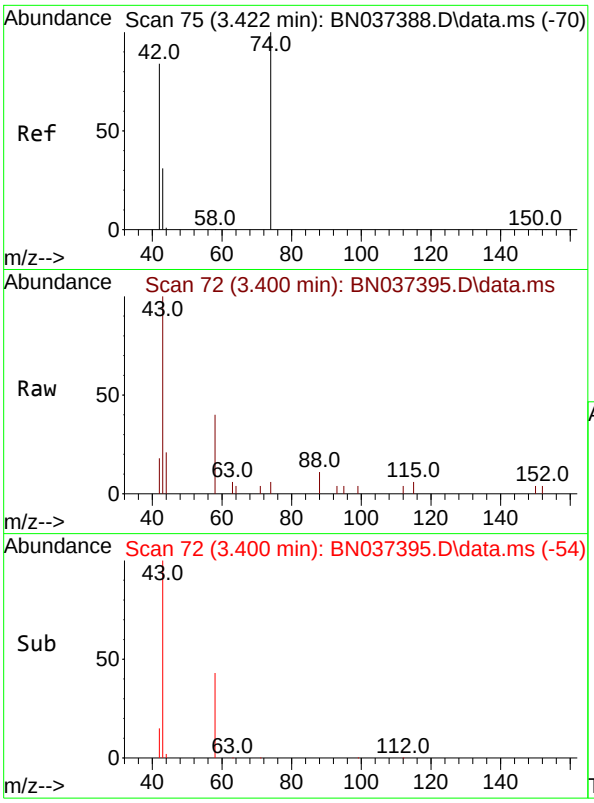


#2
1,4-Dioxane
Concen: 0.037 ng
RT: 3.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	375.8	21.6	32.4#
58	129.0	45.9	68.9#



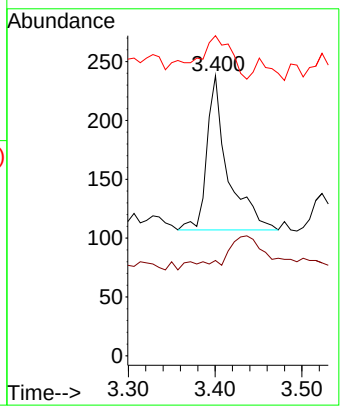


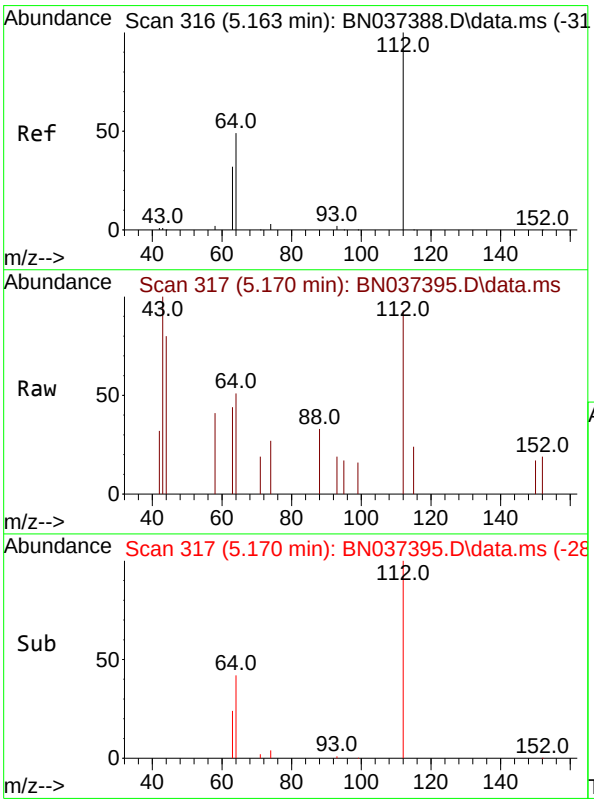
#3
n-Nitrosodimethylamine
Concen: 0.134 ng
RT: 3.400 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion: 42 Resp: 220

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.8#
44	36.8	8.7	13.1#

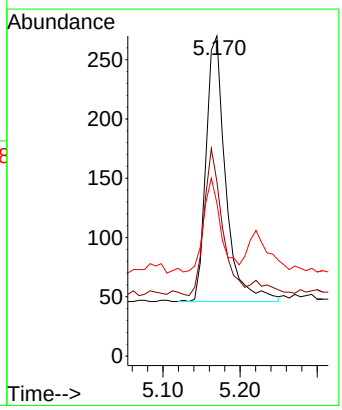


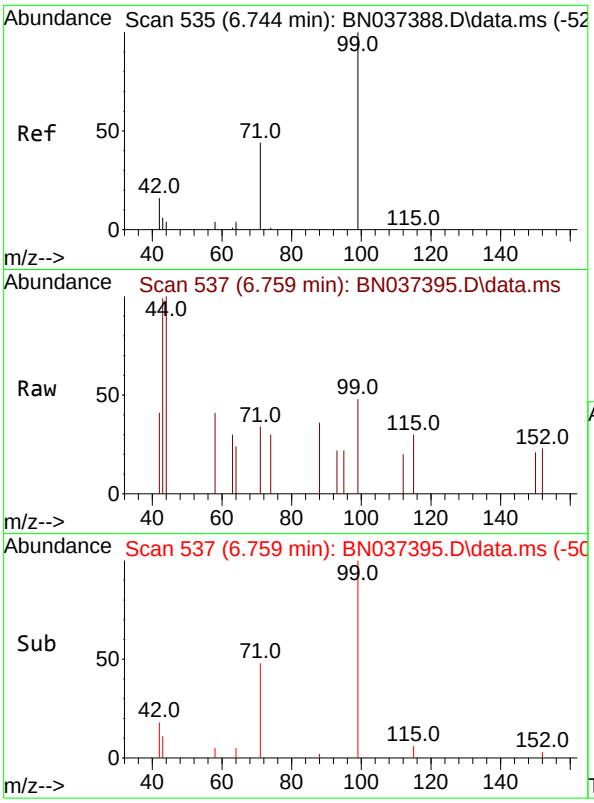


#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:112 Resp: 395

Ion	Ratio	Lower	Upper
112	100		
64	51.4	40.3	60.5
63	33.7	26.1	39.1



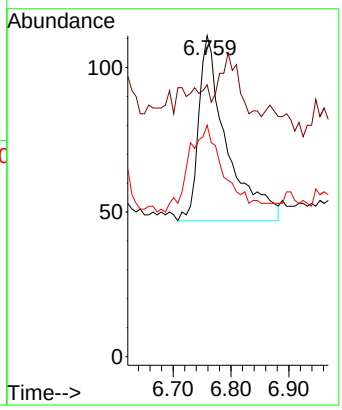


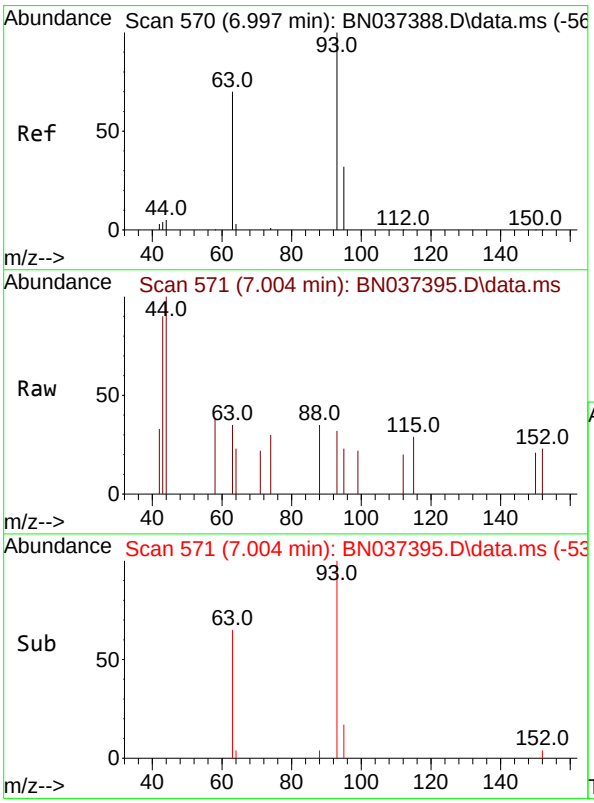
#5
Phenol-d6
Concen: 0.062 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion: 99 Resp: 216

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.6	23.4#
71	60.2	35.8	53.8#

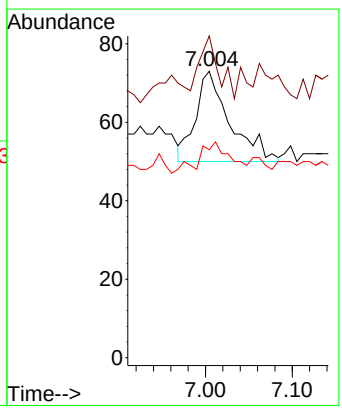


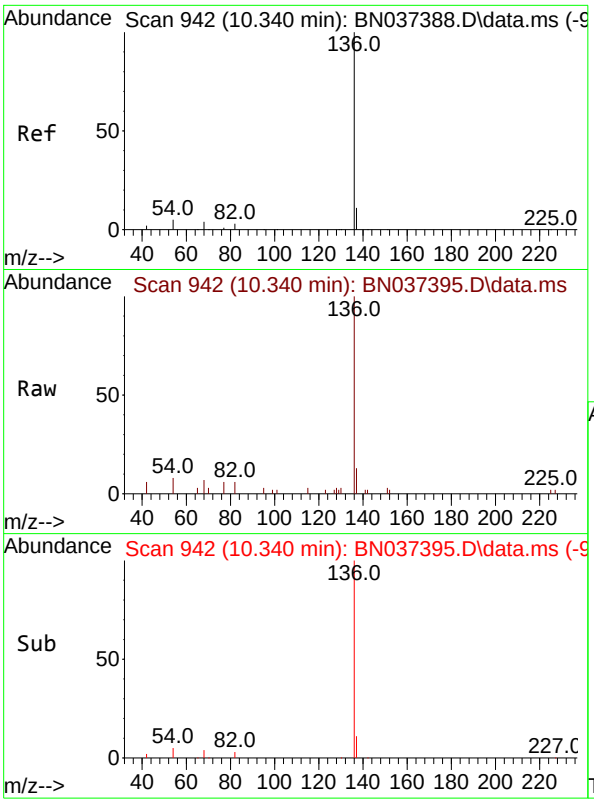


#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.004 min Scan# 571
Delta R.T. 0.007 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion: 93 Resp: 63

Ion	Ratio	Lower	Upper
93	100		
63	38.1	49.6	74.4#
95	31.7	23.9	35.9



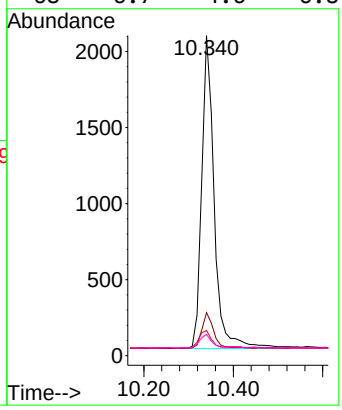


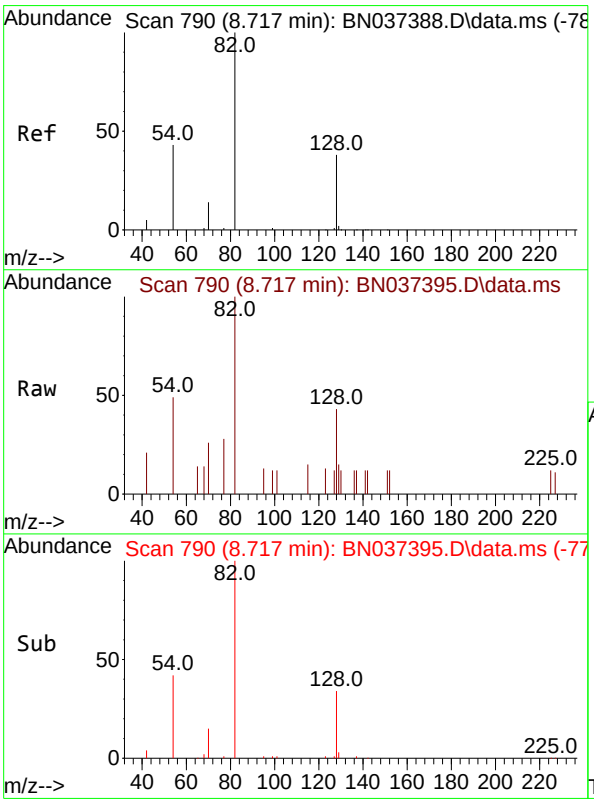
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:136 Resp: 3967

Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.4	15.6
54	7.8	5.6	8.4
68	6.7	4.6	6.8

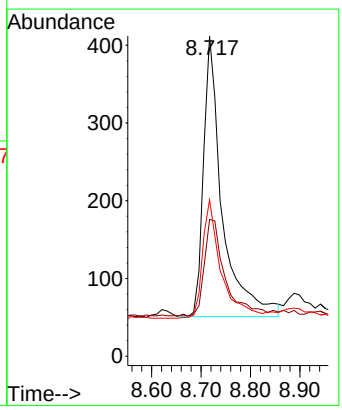


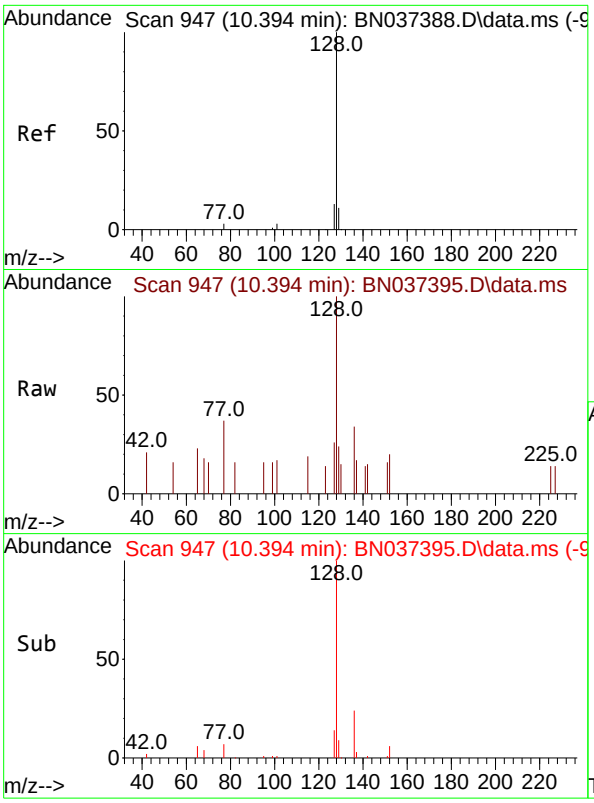


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion: 82 Resp: 949

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	48.8	37.7	56.5



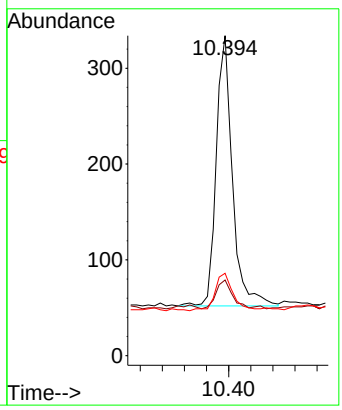


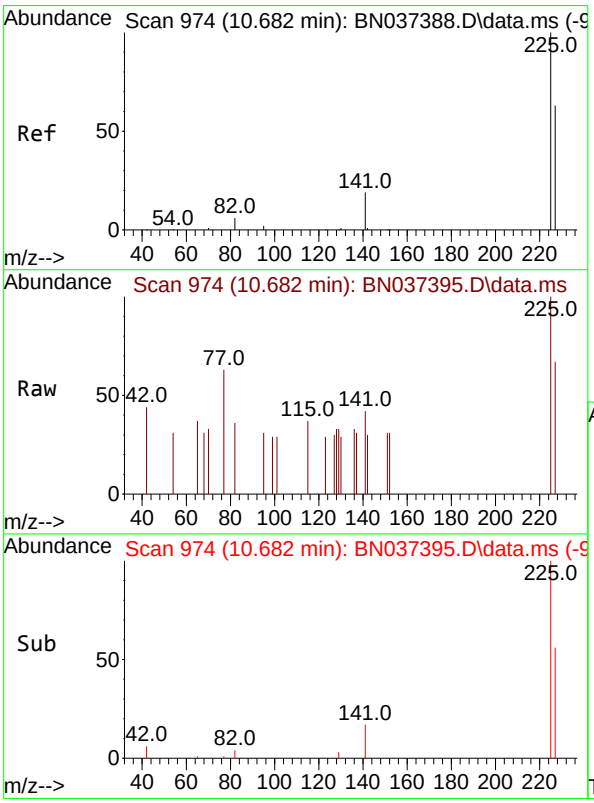
#9
Naphthalene
Concen: 0.056 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:128 Resp: 573

Ion	Ratio	Lower	Upper
128	100		
129	23.7	10.4	15.6#
127	25.7	12.2	18.4#

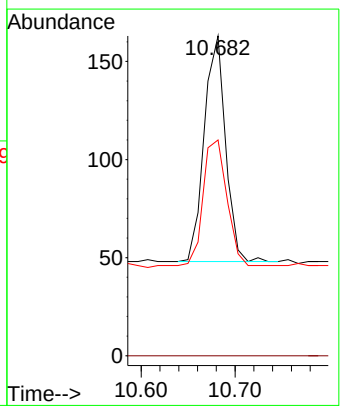


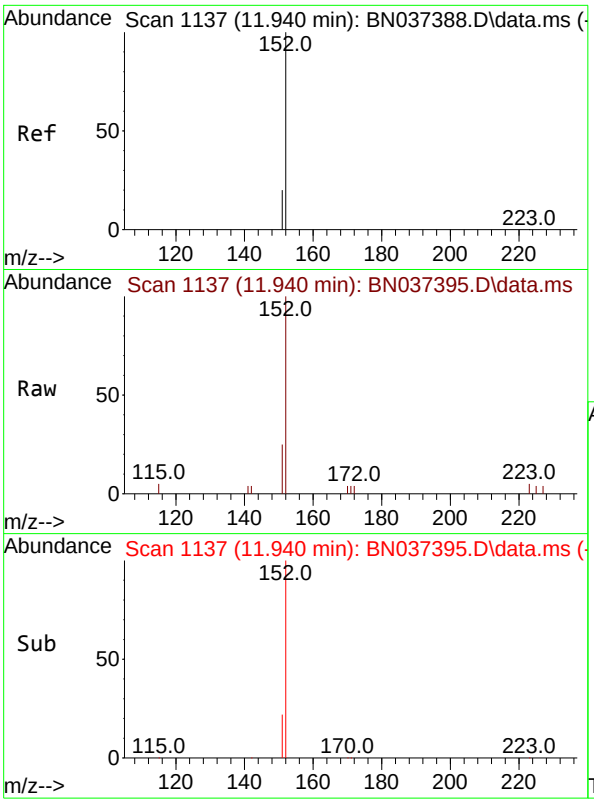


#10
Hexachlorobutadiene
Concen: 0.045 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:225 Resp: 181

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	49.9	74.9



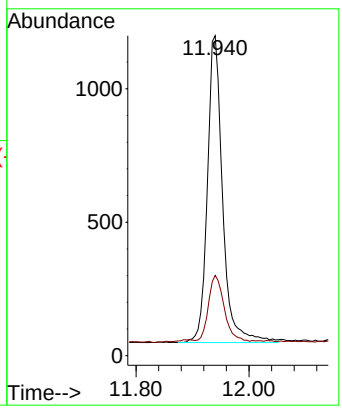


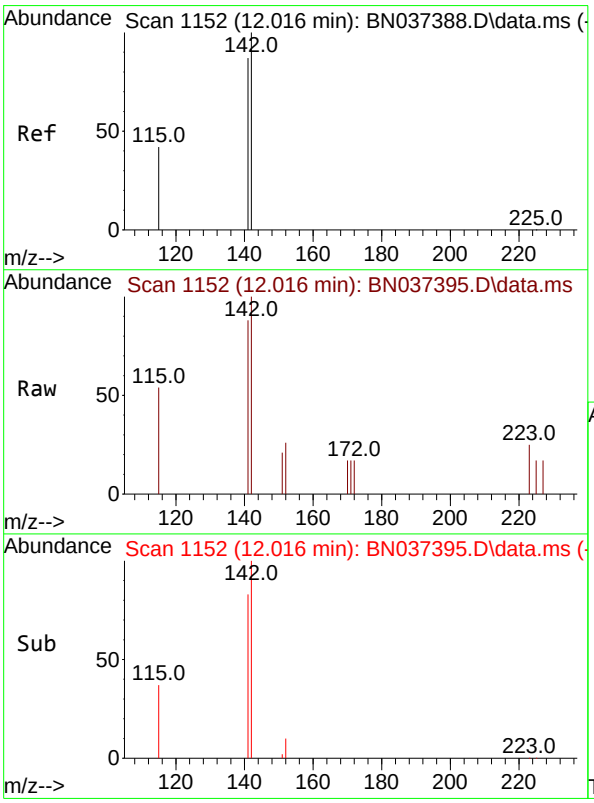
#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:152 Resp: 2153

Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.4	27.6

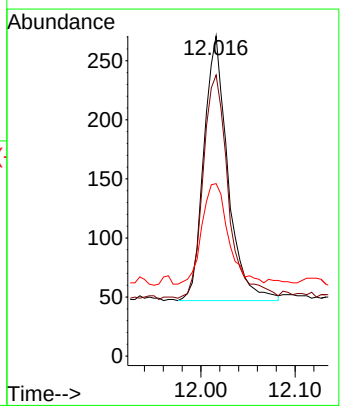


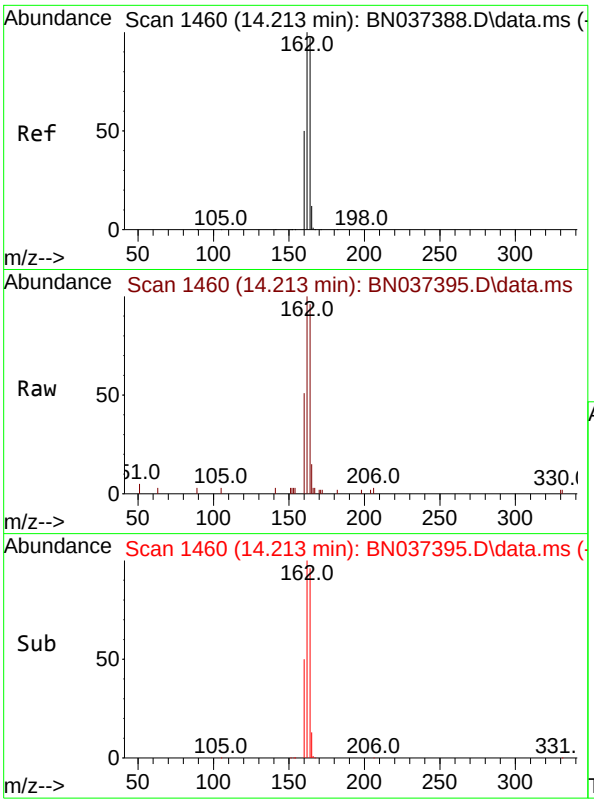


#12
2-Methylnaphthalene
Concen: 0.056 ng
RT: 12.016 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:142 Resp: 396

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.1	105.1
115	53.9	35.8	53.6#



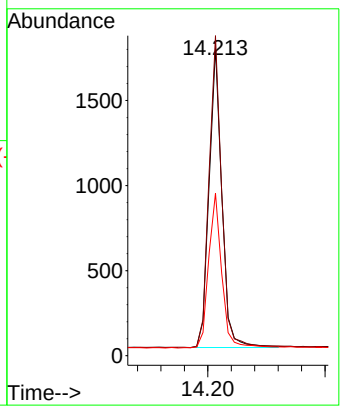


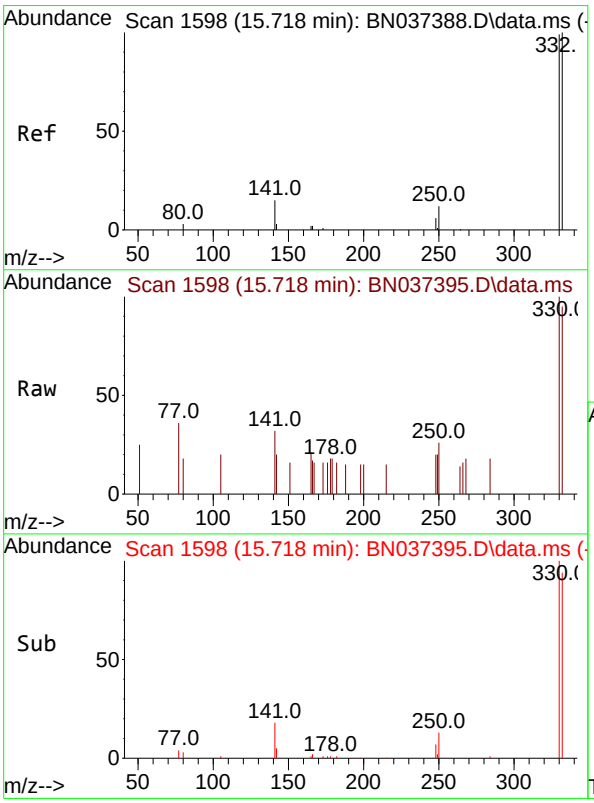
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:164 Resp: 2665

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	52.8	42.2	63.2

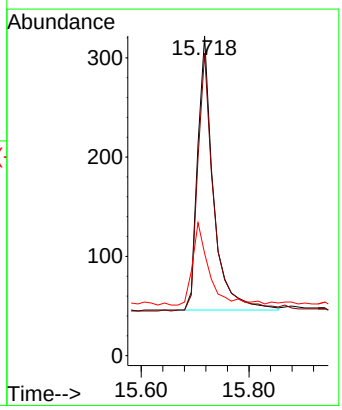


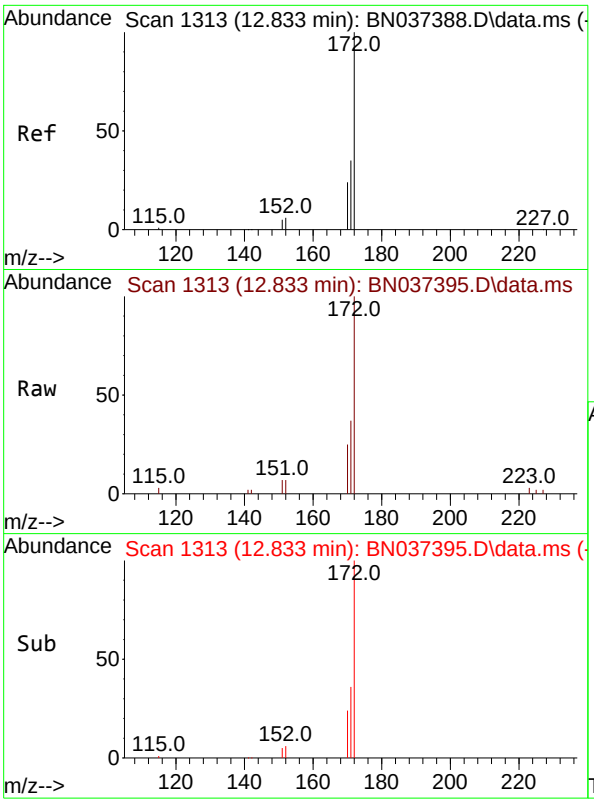


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	31.6	24.0	36.0



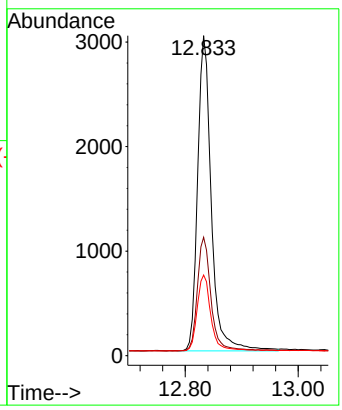


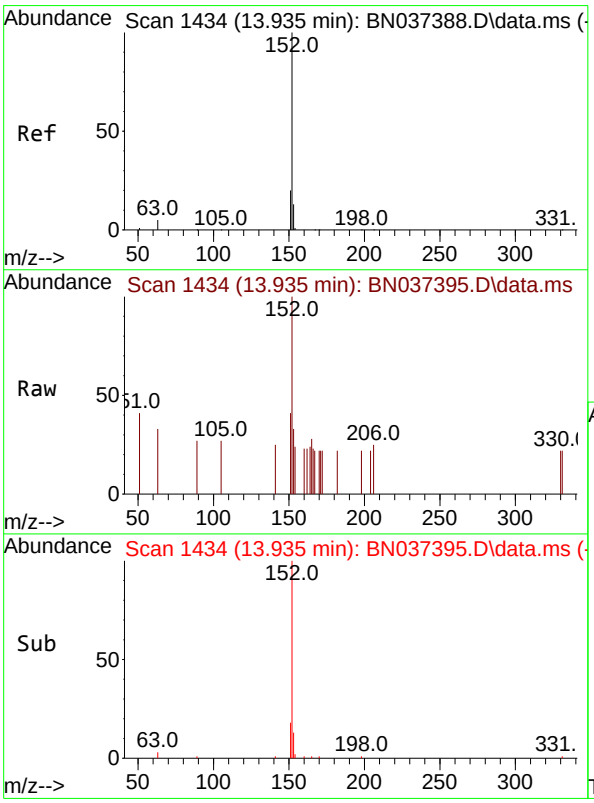
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:172 Resp: 5087

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.8	43.2
170	25.2	20.3	30.5

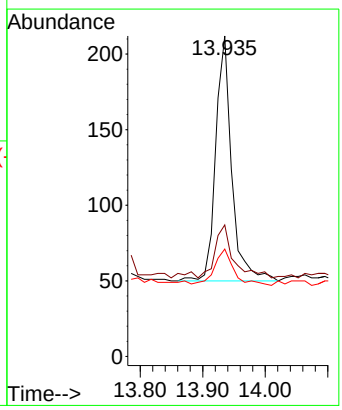


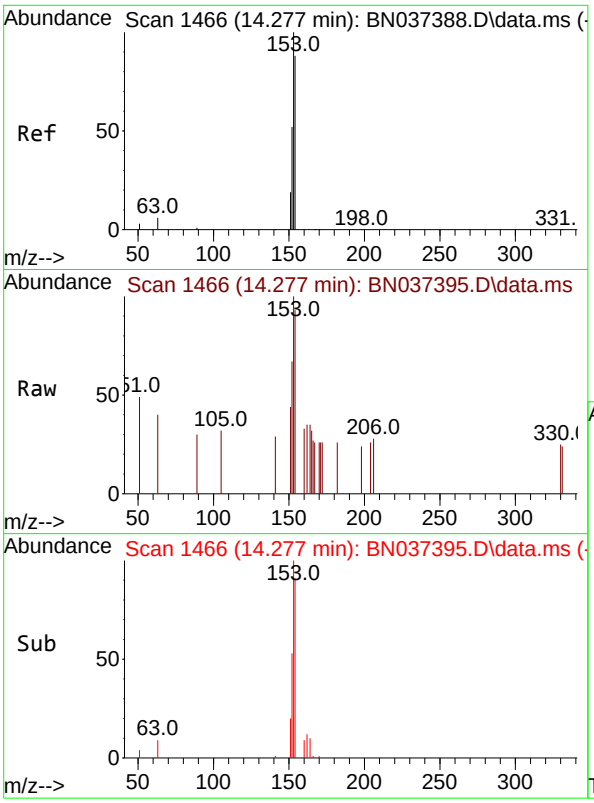


#16
Acenaphthylene
Concen: 0.026 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:152 Resp: 288

Ion	Ratio	Lower	Upper
152	100		
151	24.7	15.8	23.6#
153	18.1	10.3	15.5#



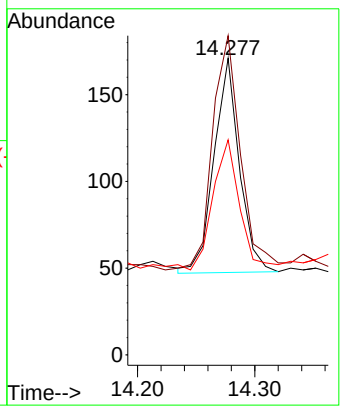


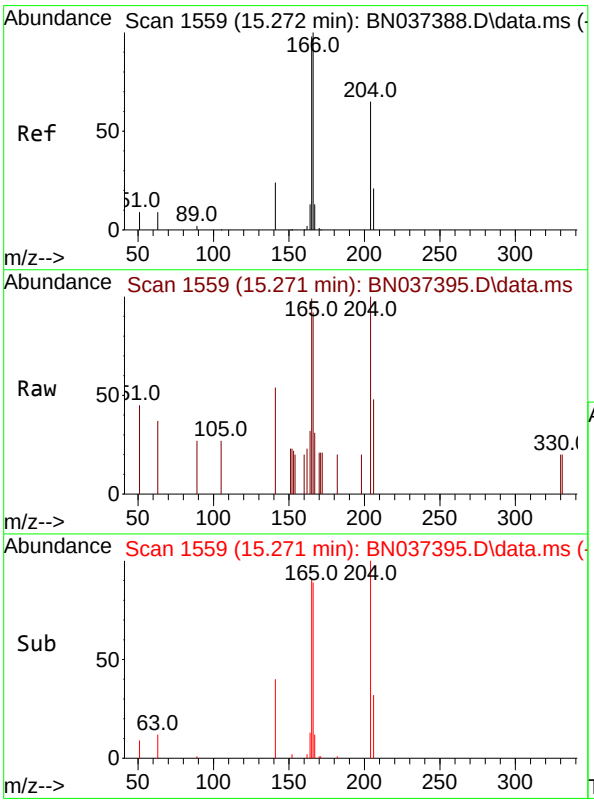
#17
Acenaphthene
Concen: 0.026 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:154 Resp: 185

Ion	Ratio	Lower	Upper
154	100		
153	122.2	94.6	141.8
152	63.8	50.2	75.2

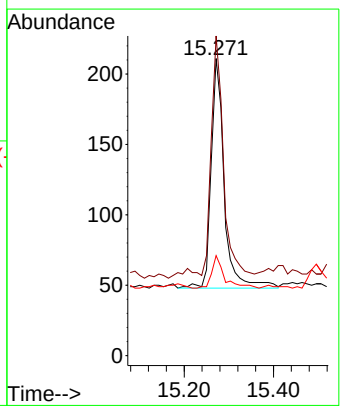


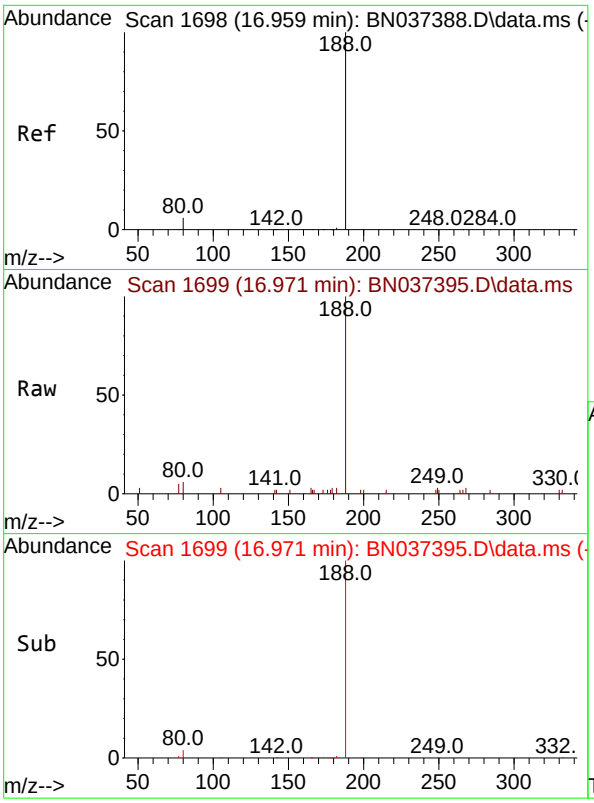


#18
Fluorene
Concen: 0.032 ng
RT: 15.271 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:166 Resp: 329

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.4	119.2
167	13.4	10.6	15.8



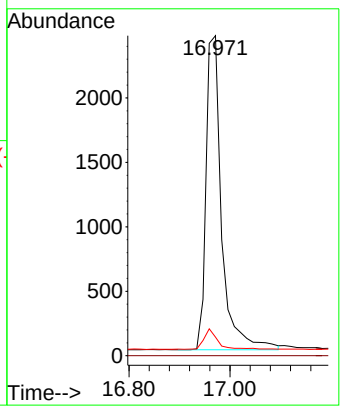


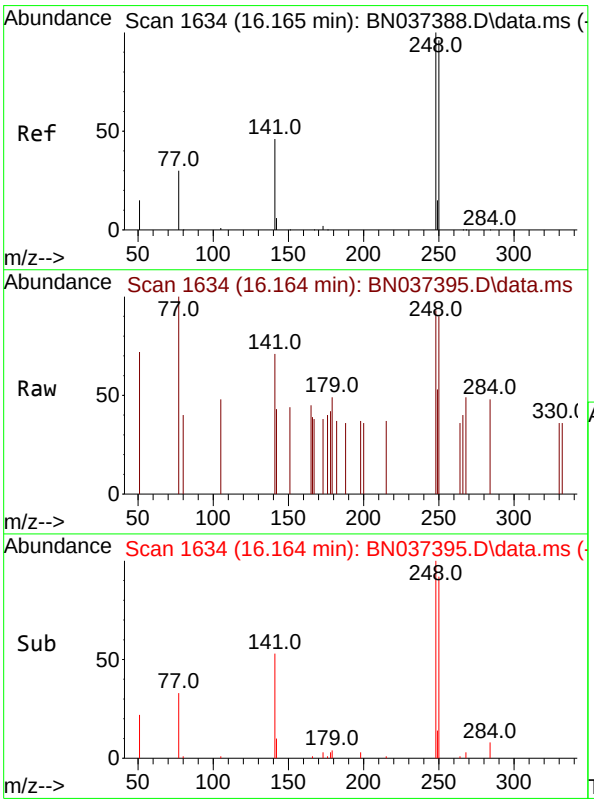
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:188 Resp: 5237

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.2	9.4#

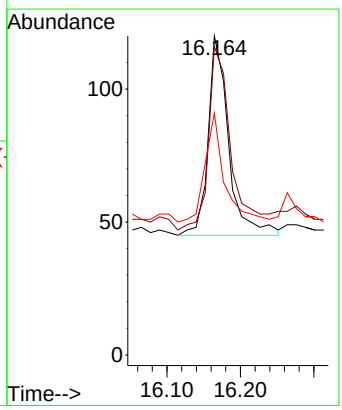


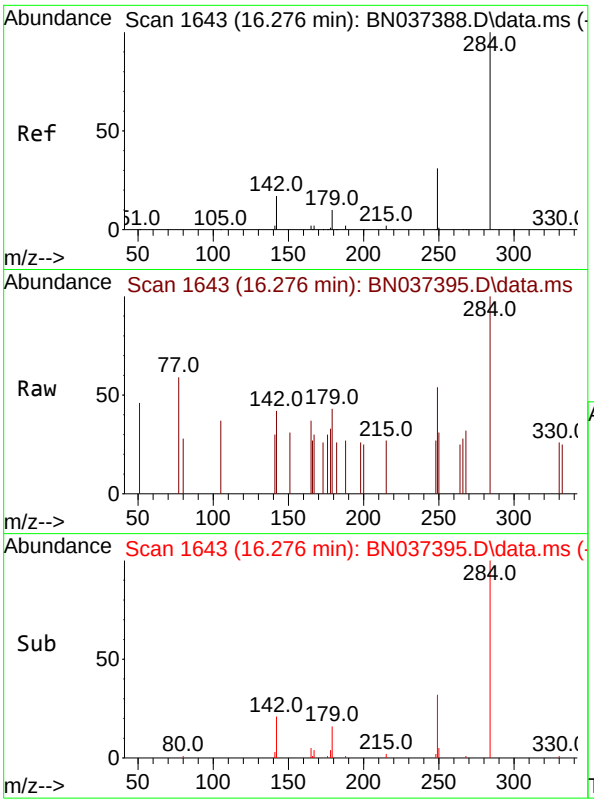


#21
4-Bromophenyl-phenylether
Concen: 0.039 ng
RT: 16.164 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:248 Resp: 145

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	75.8	38.7	58.1#



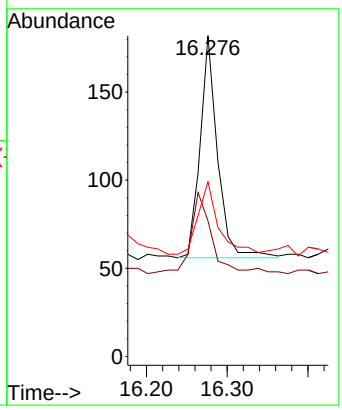


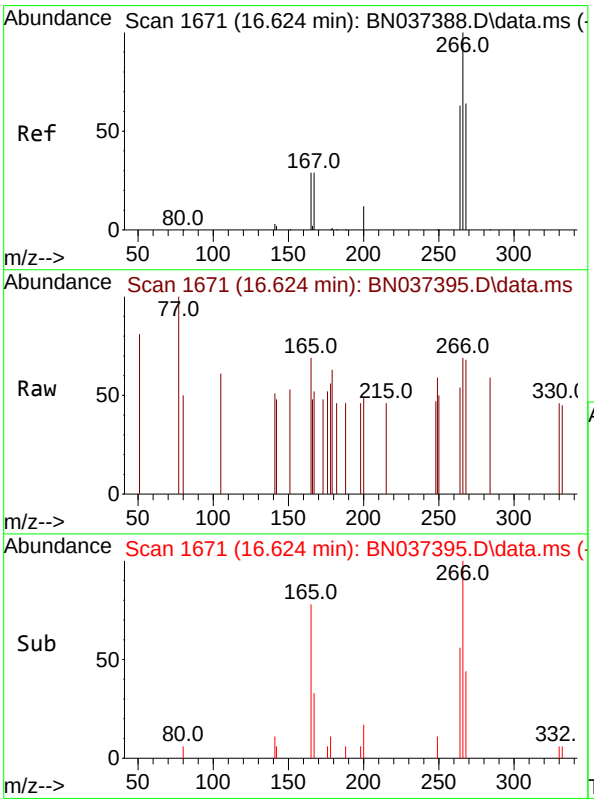
#22
Hexachlorobenzene
Concen: 0.048 ng
RT: 16.276 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:284 Resp: 189

Ion	Ratio	Lower	Upper
284	100		
142	44.4	27.2	40.8#
249	38.1	26.7	40.1

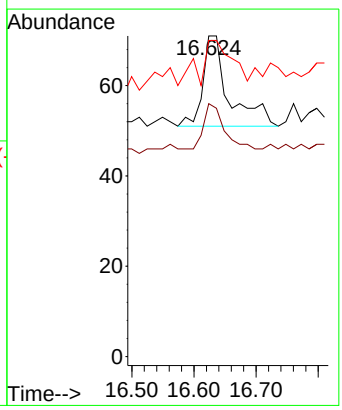


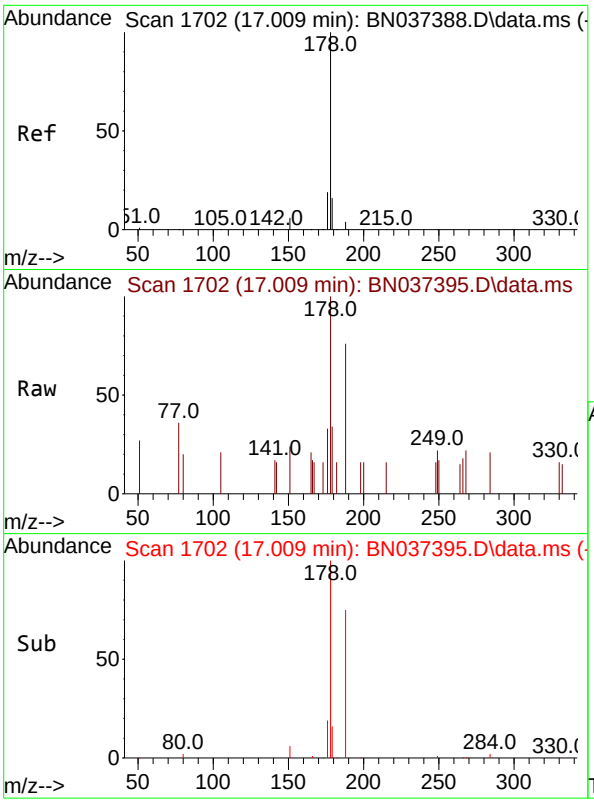


#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
264	44.1	49.2	73.8#
268	61.0	54.2	81.4



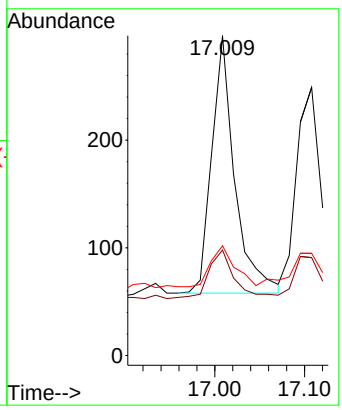


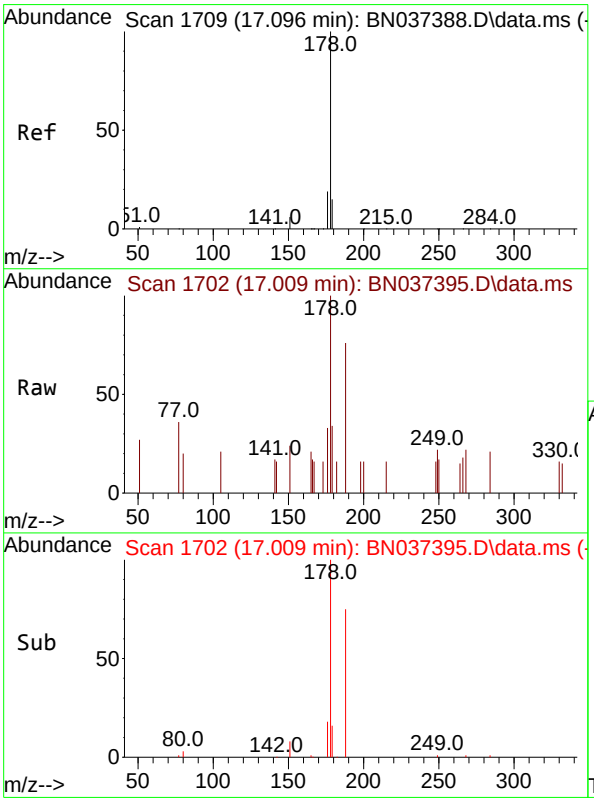
#25
Phenanthrene
Concen: 0.029 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:178 Resp: 425

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	16.7	12.8	19.2

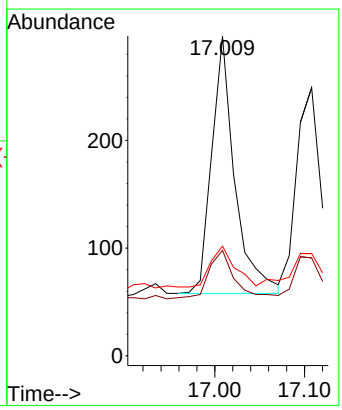


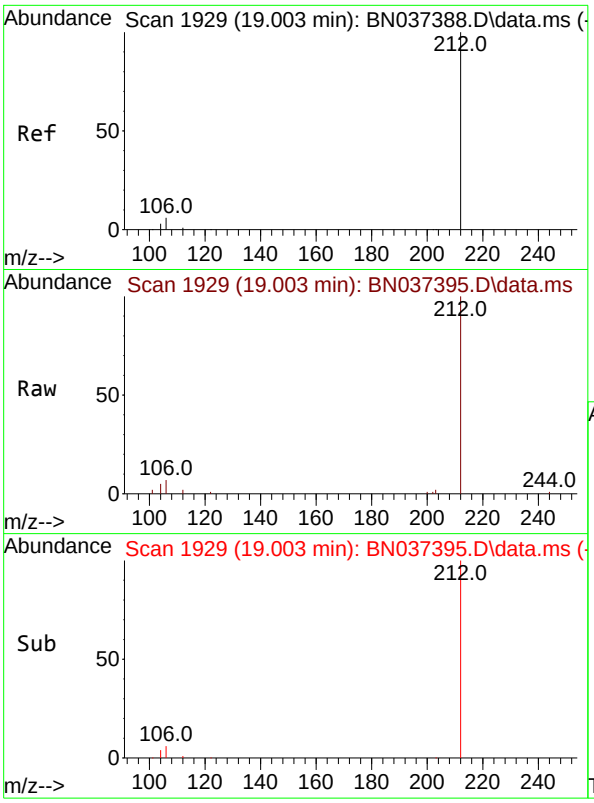


#26
Anthracene
Concen: 0.031 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.087 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:178 Resp: 425

Ion	Ratio	Lower	Upper
178	100		
176	21.4	14.9	22.3
179	16.7	12.4	18.6



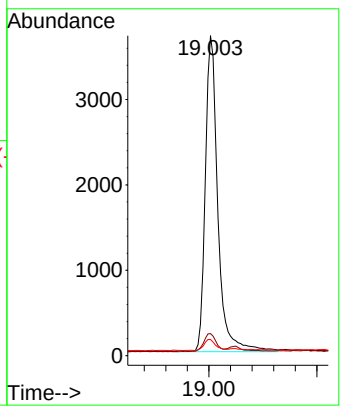


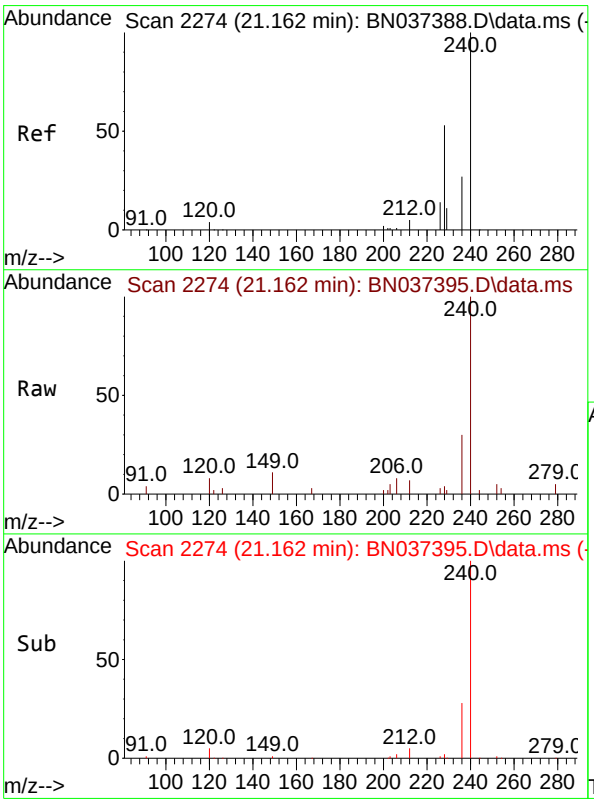
#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:212 Resp: 5956

Ion	Ratio	Lower	Upper
212	100		
106	5.5	4.5	6.7
104	3.3	2.7	4.1

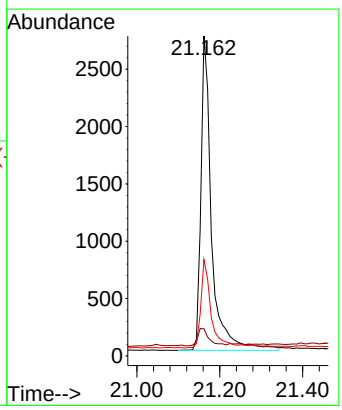


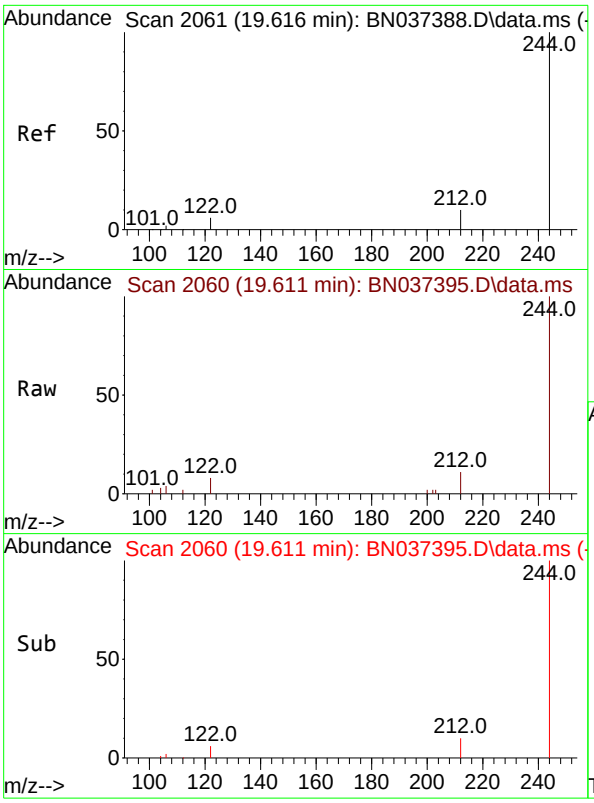


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:240 Resp: 4862

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.3	7.9#
236	30.1	22.7	34.1



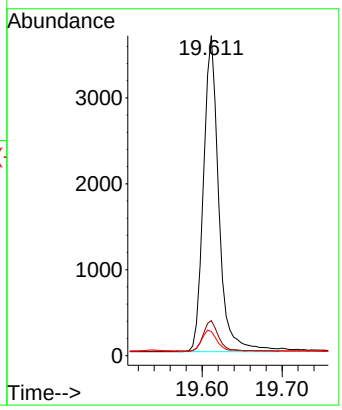


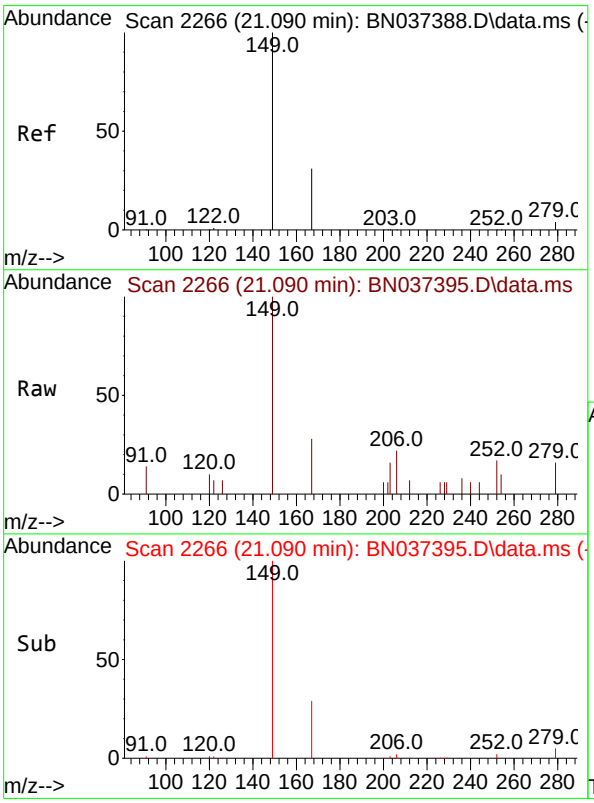
#31
Terphenyl-d14
Concen: 0.472 ng
RT: 19.611 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:244 Resp: 4896

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.1	13.7
122	7.5	6.3	9.5

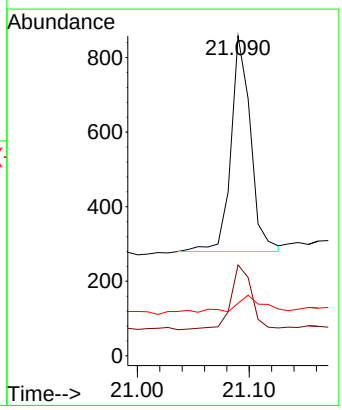


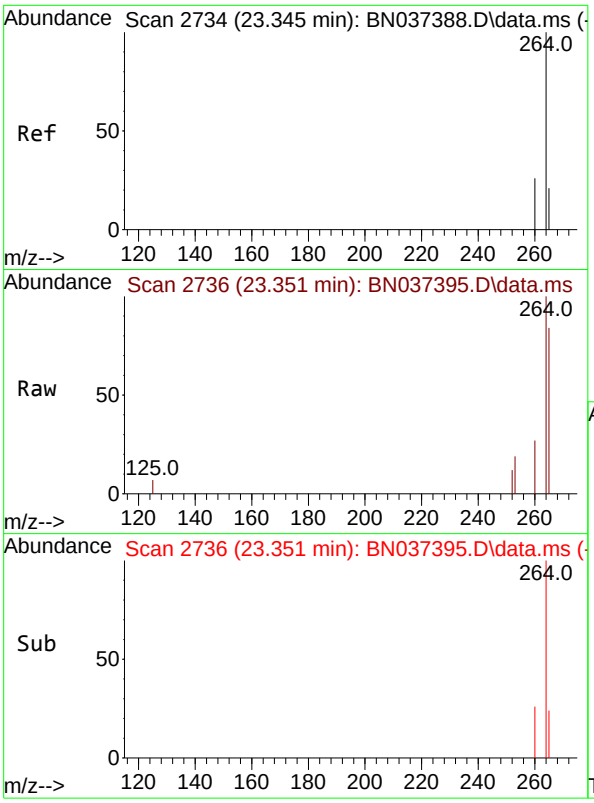


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.090 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:149 Resp: 706

Ion	Ratio	Lower	Upper
149	100		
167	32.2	24.8	37.2
279	10.8	5.0	7.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Instrument :
BNA_N
ClientSampleId :
EB02-20250616

Tgt Ion:264 Resp: 4950

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.0
265	83.6	56.2	84.4