Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037196.D
Acq On : 09 Jun 2025 17:39
Operator : RC/JU
Sample : Q2251-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Time: Jun 09 18:22:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4440	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2270	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3800	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2625	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2435	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	13	0.003	ng	0.00
5) Phenol-d6	6.766	99	11	0.002	ng	0.00
8) Nitrobenzene-d5	8.739	82	1739	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	65	0.011	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	4	0.004	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3851	0.398	ng	0.00
27) Fluoranthene-d10	19.026	212	2870	0.297	ng	0.00
31) Terphenyl-d14	19.630	244	2765	0.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	79	0.033	ng	# 69
6) bis(2-Chloroethyl)ether	6.997	93	12329	2.434	ng	# 39
20) 4,6-Dinitro-2-methylph...	15.400	198	8	0.281	ng	# 6
24) Pentachlorophenol	16.612	266	52	0.248	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.117	149	647	0.108	ng	# 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
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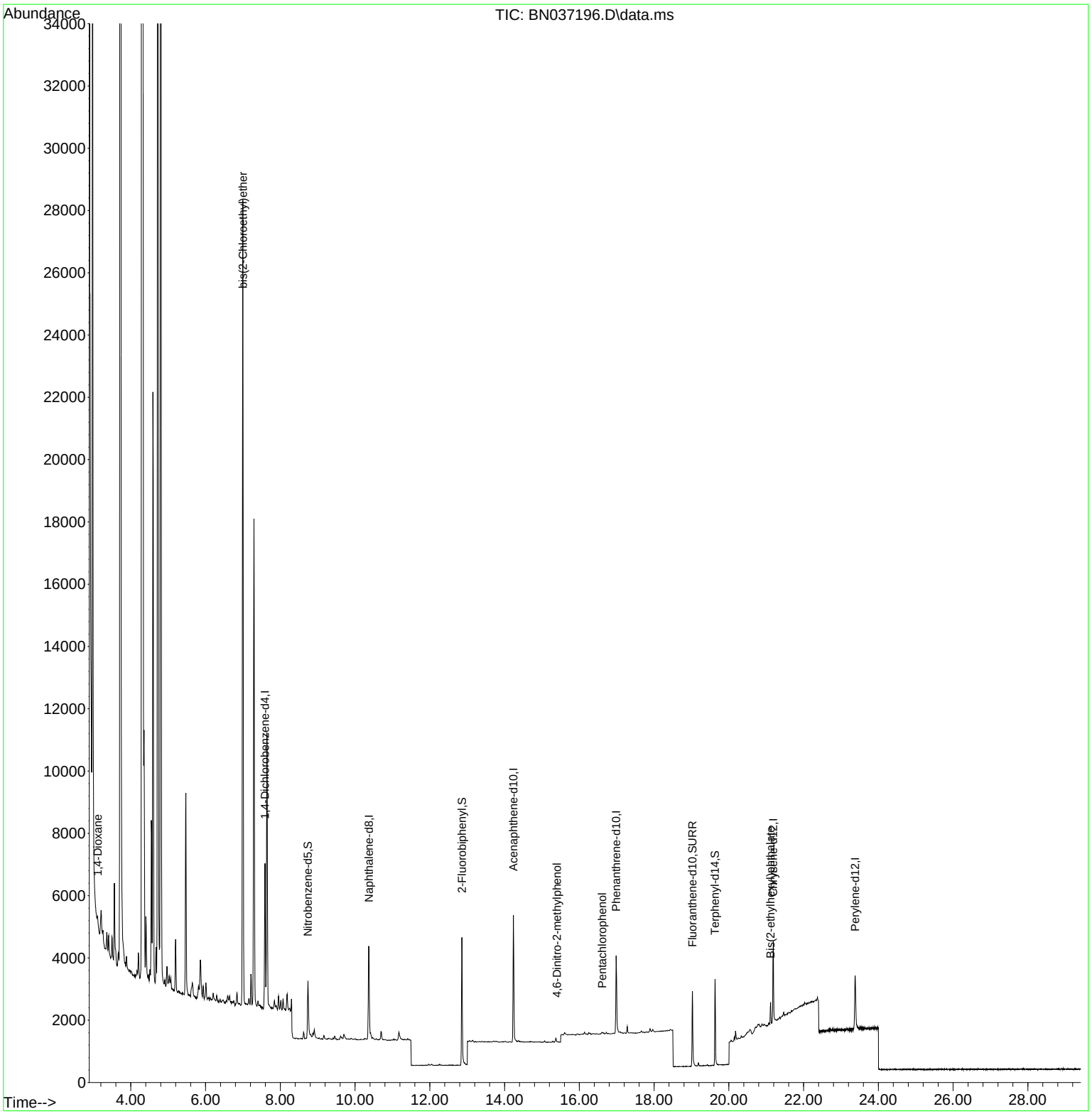
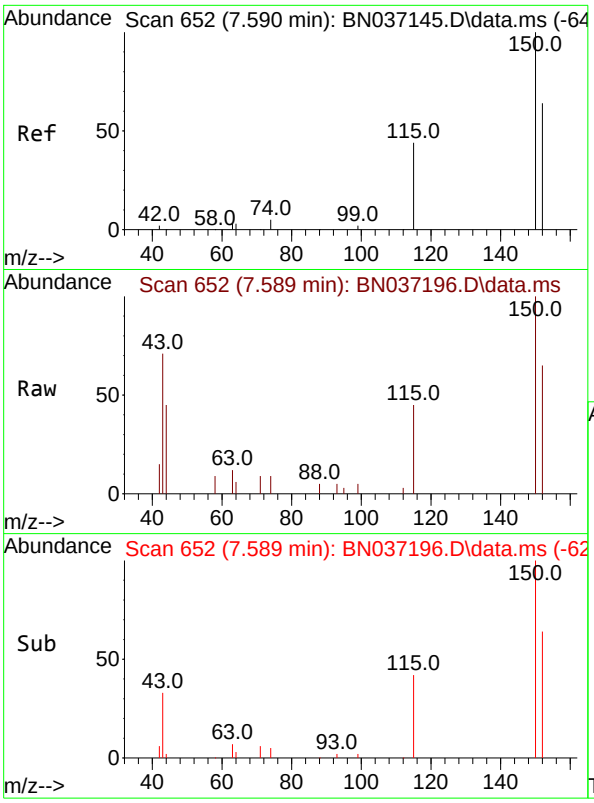


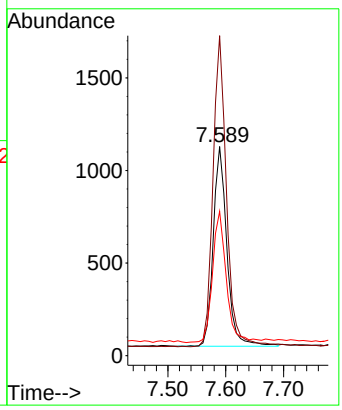


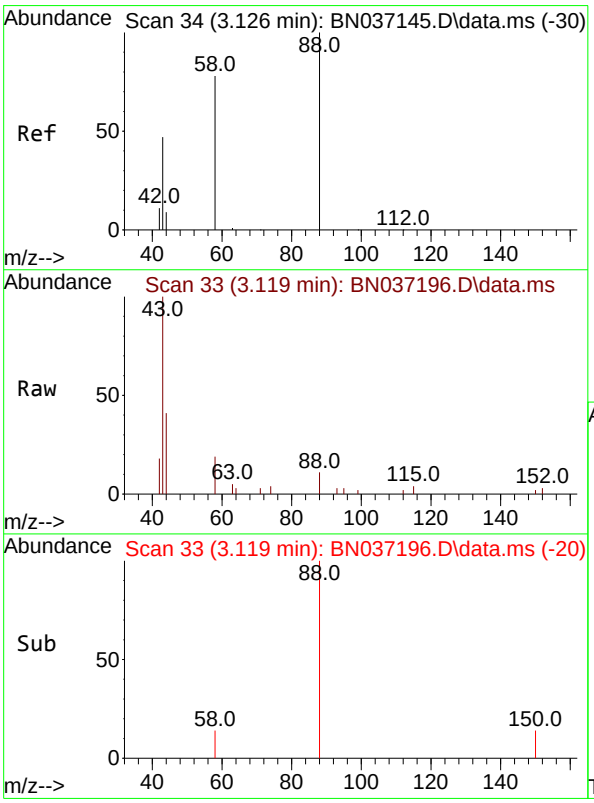
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:152 Resp: 1771

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.2	184.8
115	69.0	56.6	85.0

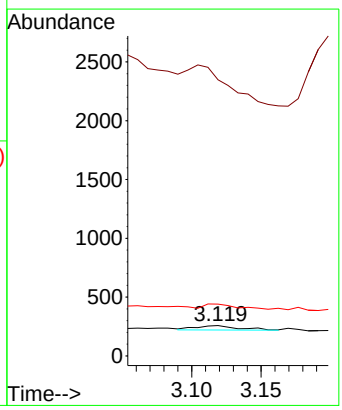


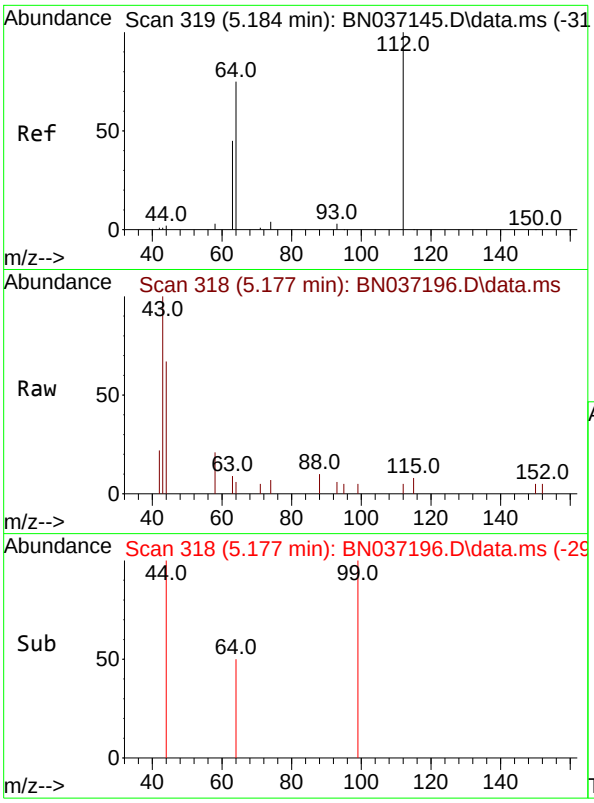


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	0.0	43.5	65.3#
58	86.1	67.7	101.5



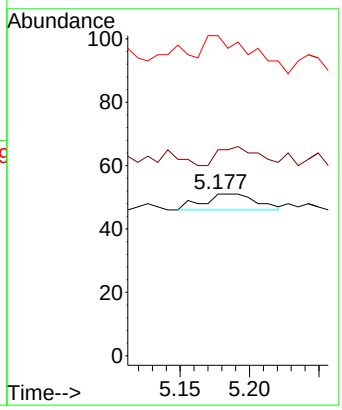


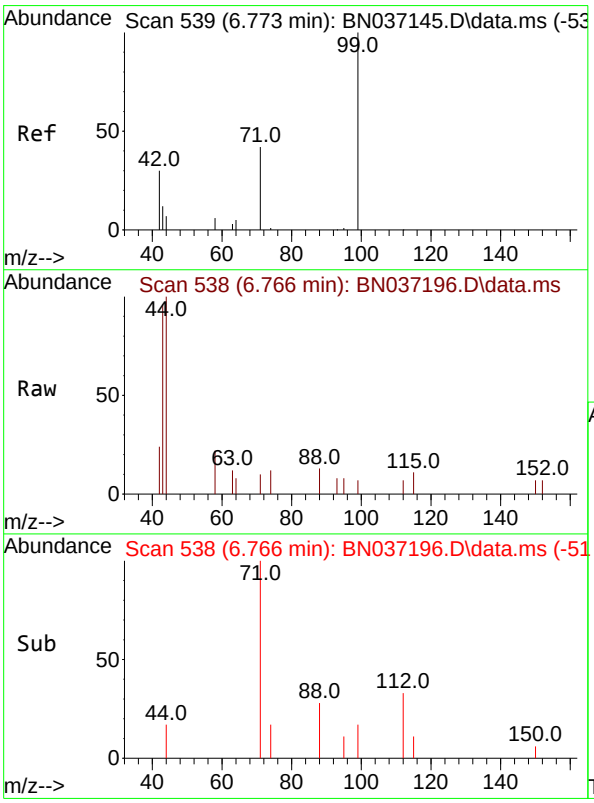
#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.177 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:112 Resp: 13

Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.3	84.5#
63	215.4	36.2	54.4#

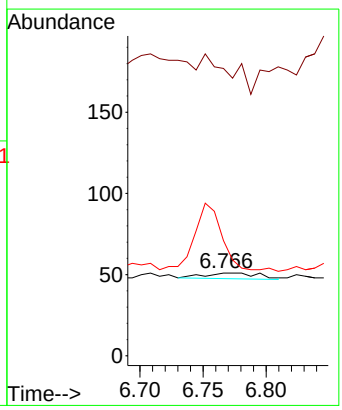


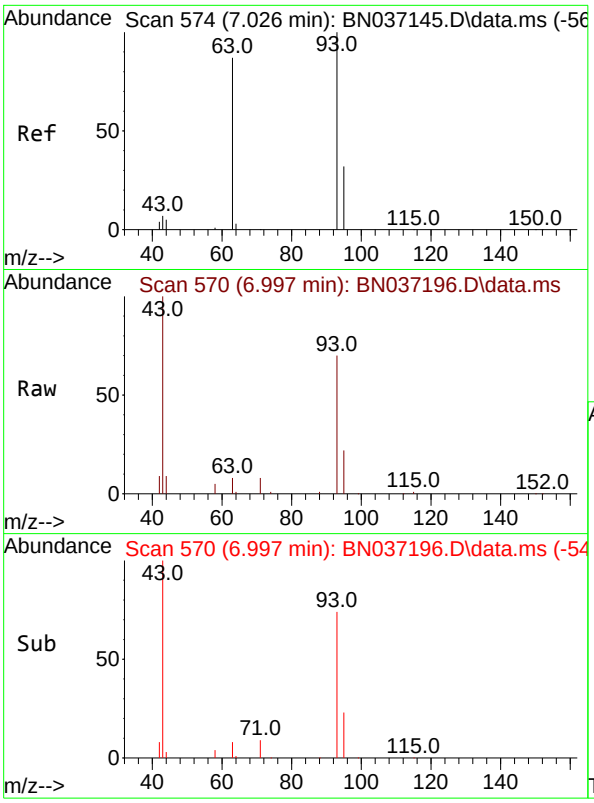


#5
Phenol-d6
Concen: 0.002 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion: 99 Resp: 11

Ion	Ratio	Lower	Upper
99	100		
42	0.0	31.3	46.9#
71	590.9	38.2	57.2#



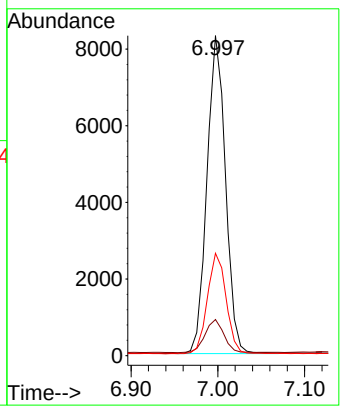


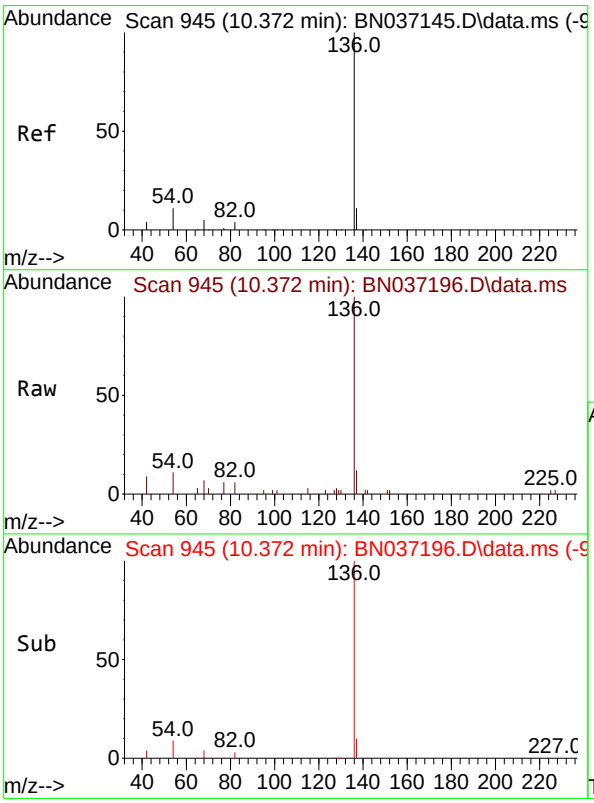
#6
bis(2-Chloroethyl)ether
Concen: 2.434 ng
RT: 6.997 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion: 93 Resp: 12329

Ion	Ratio	Lower	Upper
93	100		
63	10.6	68.6	103.0#
95	32.0	24.3	36.5

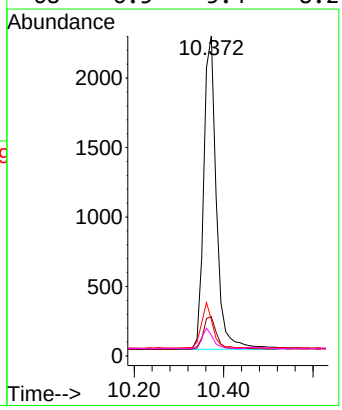


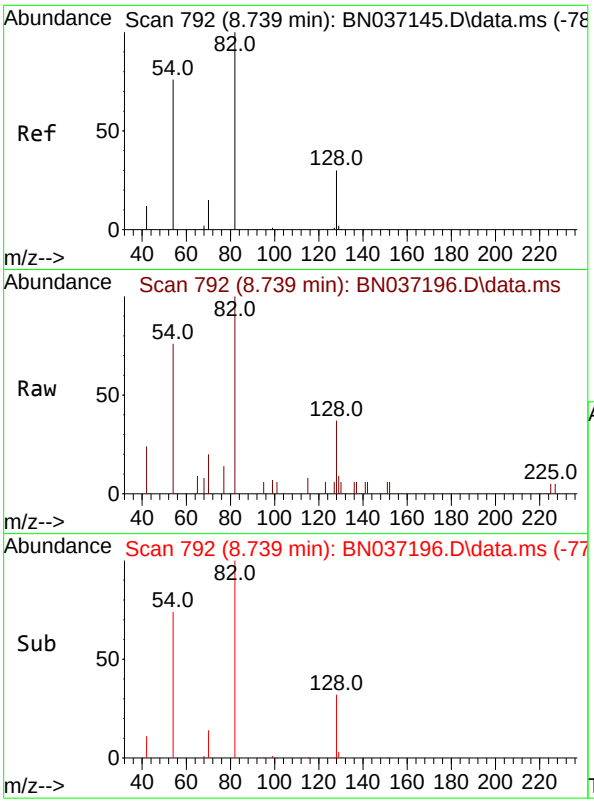


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:136 Resp: 4440

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	11.4	9.7	14.5
68	6.5	5.4	8.2



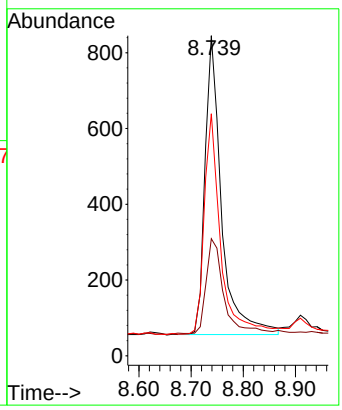


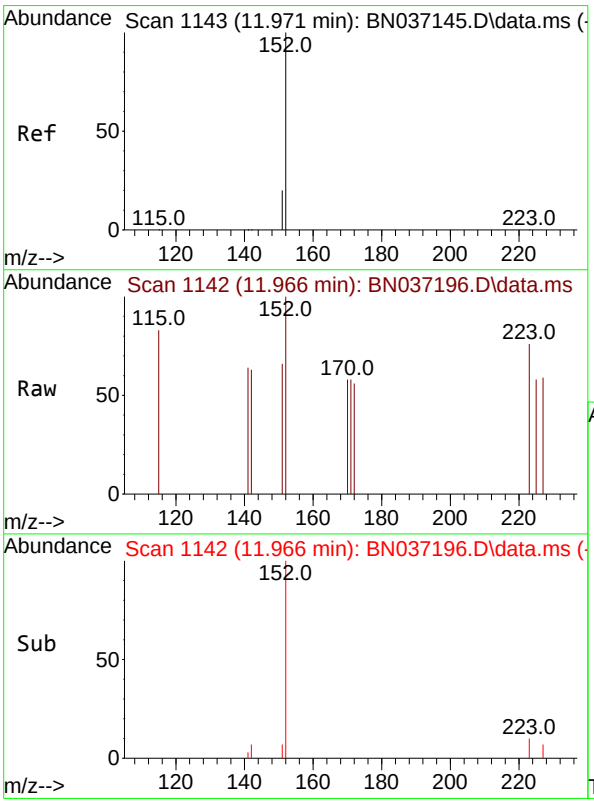
#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.739 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion: 82 Resp: 1739

Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.9	40.3
54	75.6	61.4	92.2

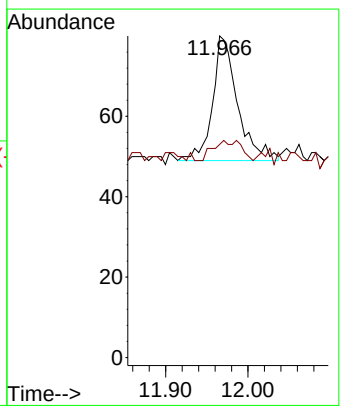


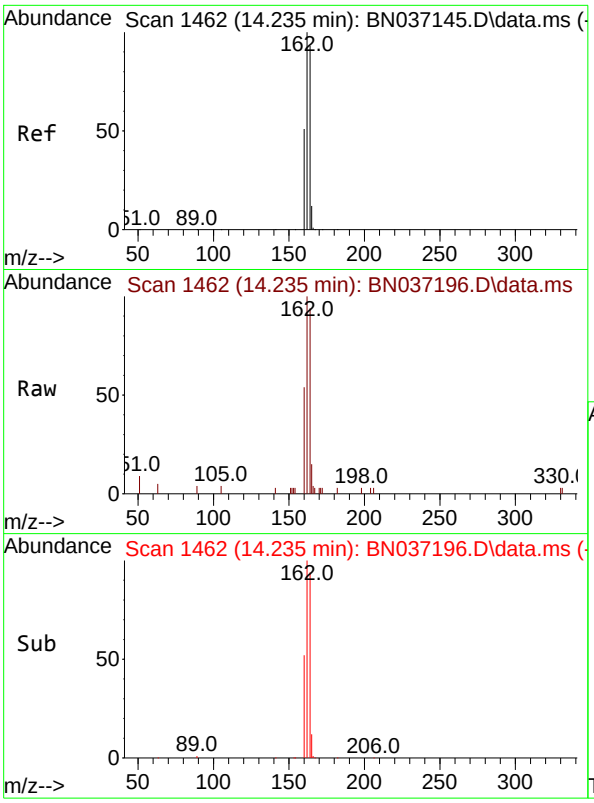


#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:152 Resp: 65

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7



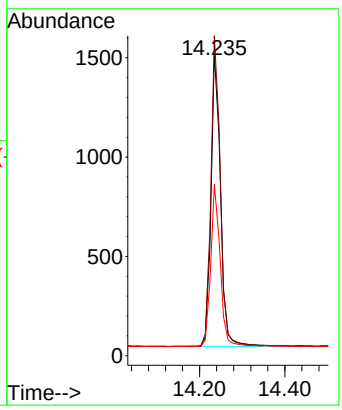


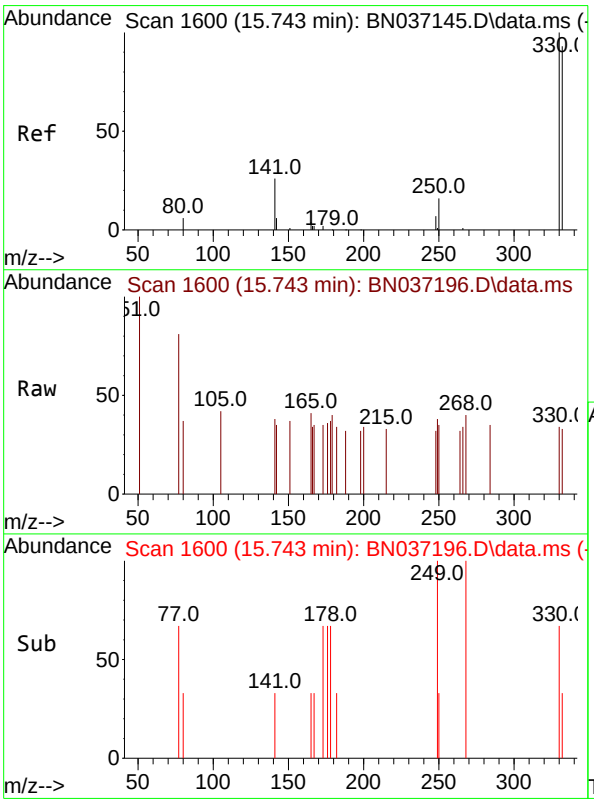
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:164 Resp: 2270

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.5	128.3
160	56.8	44.6	67.0

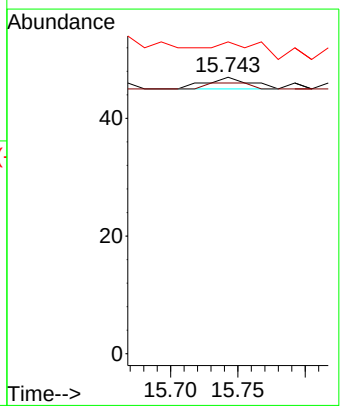


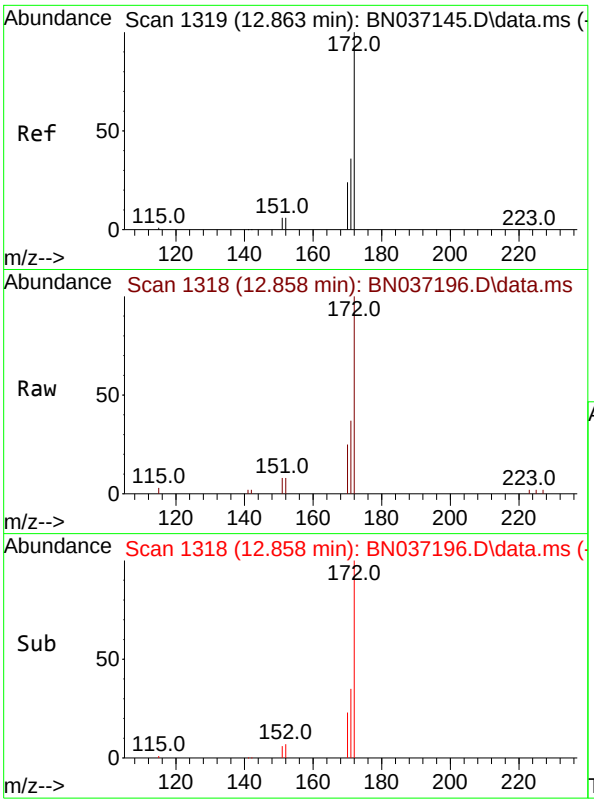


#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:330 Resp: 4

Ion	Ratio	Lower	Upper
330	100		
332	50.0	77.1	115.7#
141	175.0	46.4	69.6#



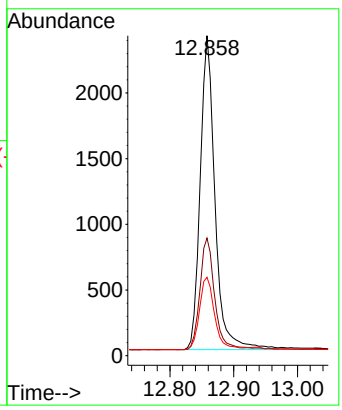


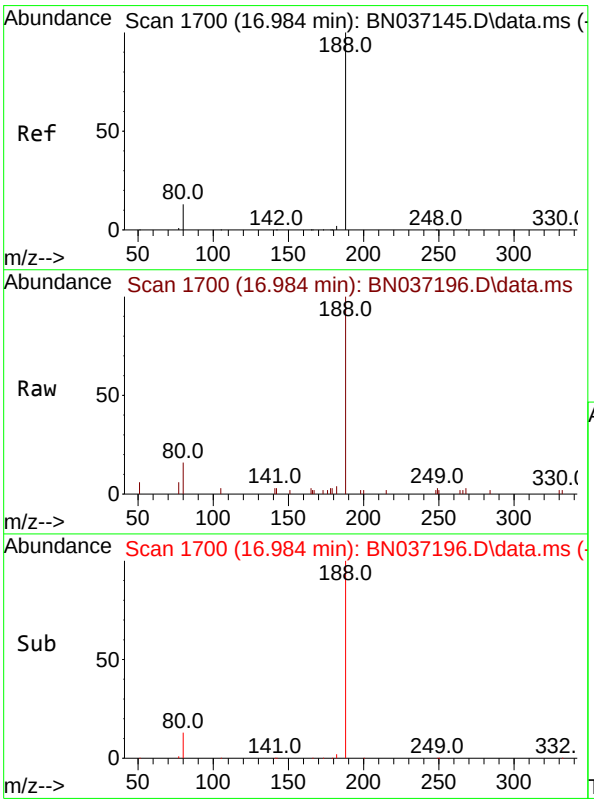
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:172 Resp: 3851

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	20.3	30.5

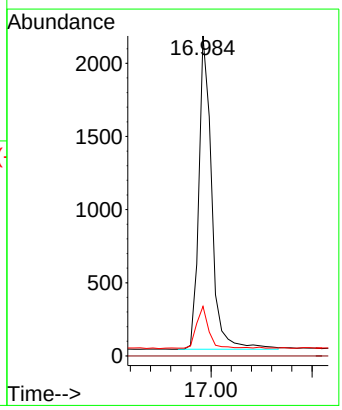


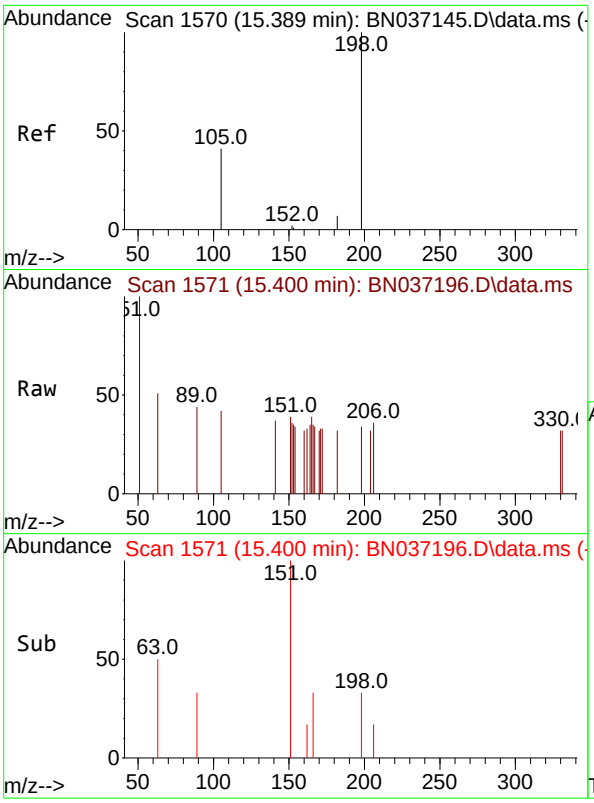


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:188 Resp: 3800

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	11.3	16.9



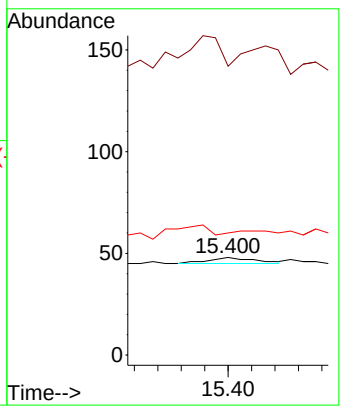


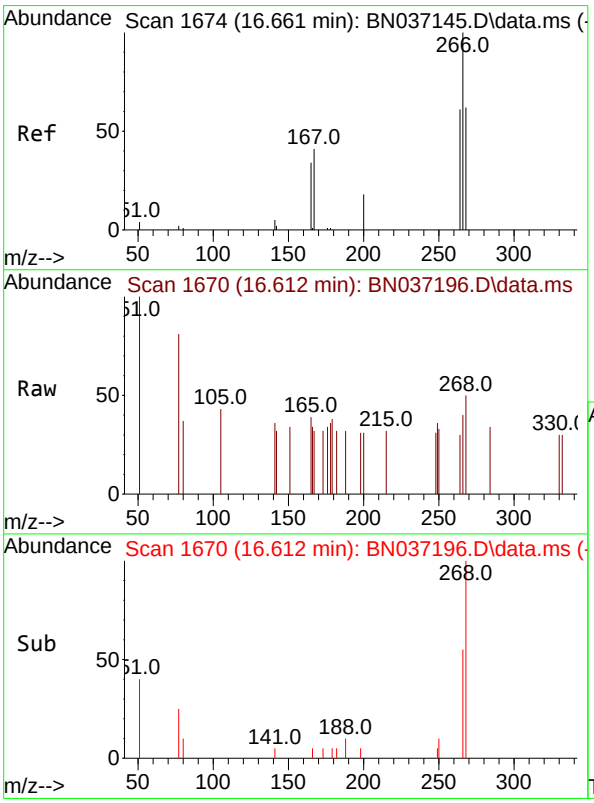
#20
4,6-Dinitro-2-methylphenol
Concen: 0.281 ng
RT: 15.400 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
51	295.8	125.2	187.8#
105	125.0	57.1	85.7#

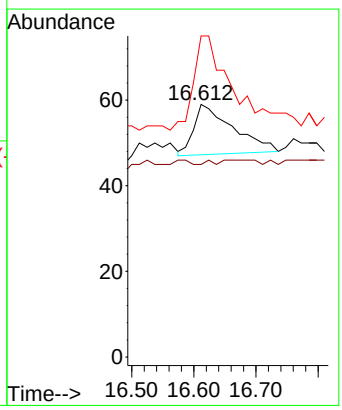


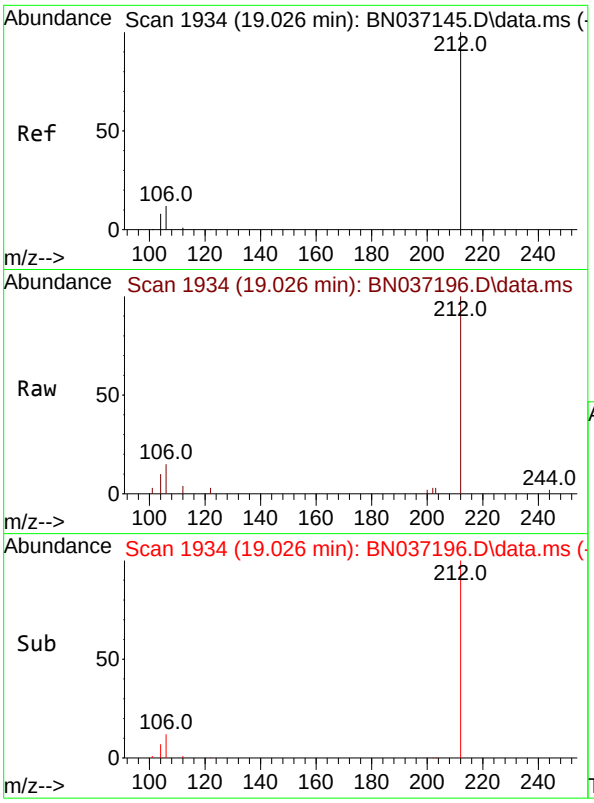


#24
Pentachlorophenol
Concen: 0.248 ng
RT: 16.612 min Scan# 1670
Delta R.T. -0.049 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	7.7	49.3	73.9#
268	194.2	49.0	73.4#



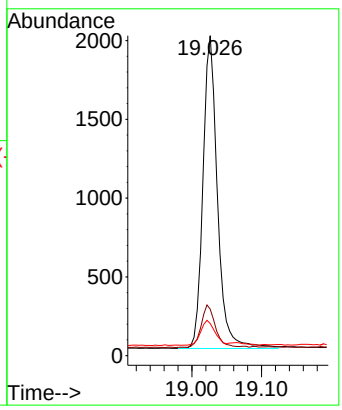


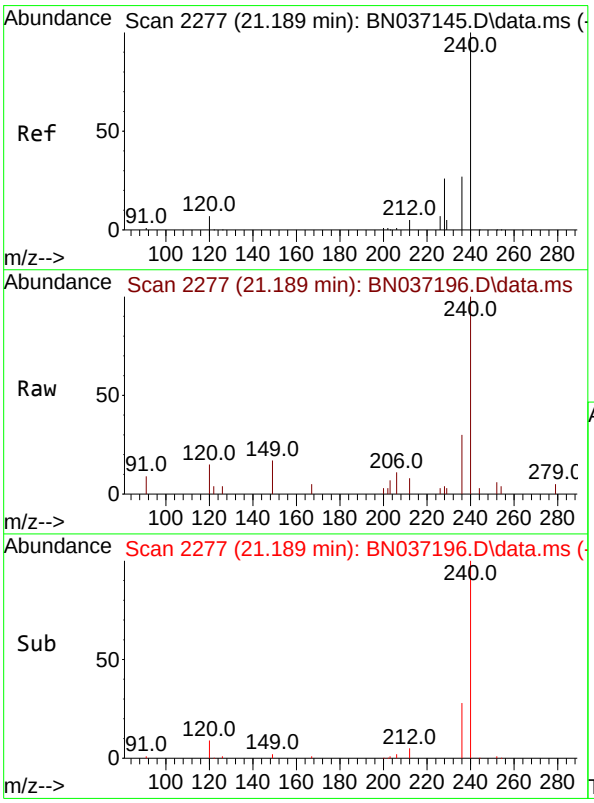
#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:212 Resp: 2870

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	7.8	6.6	9.8

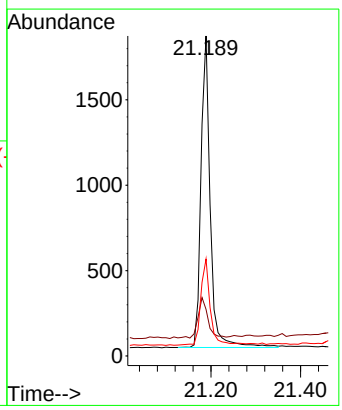


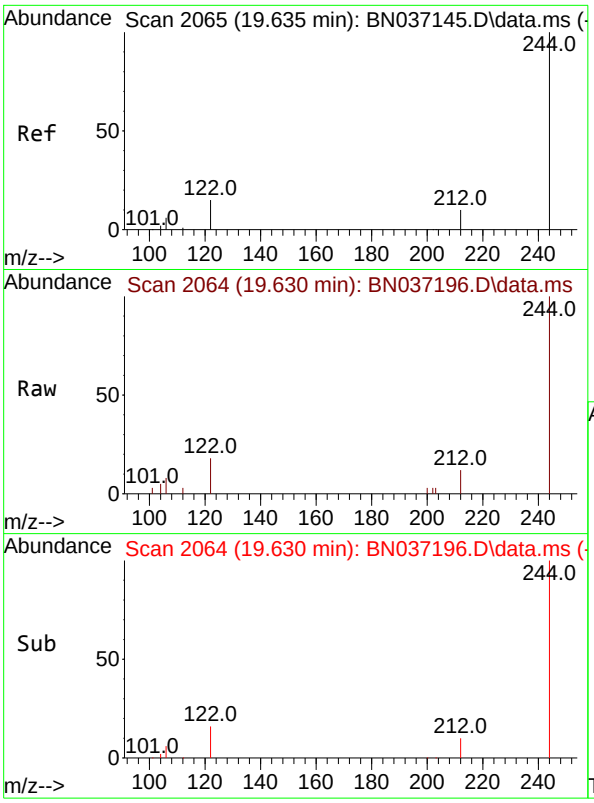


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:240 Resp: 2625

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.0	13.4#
236	30.3	23.0	34.4



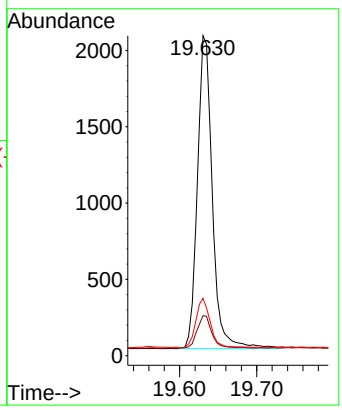


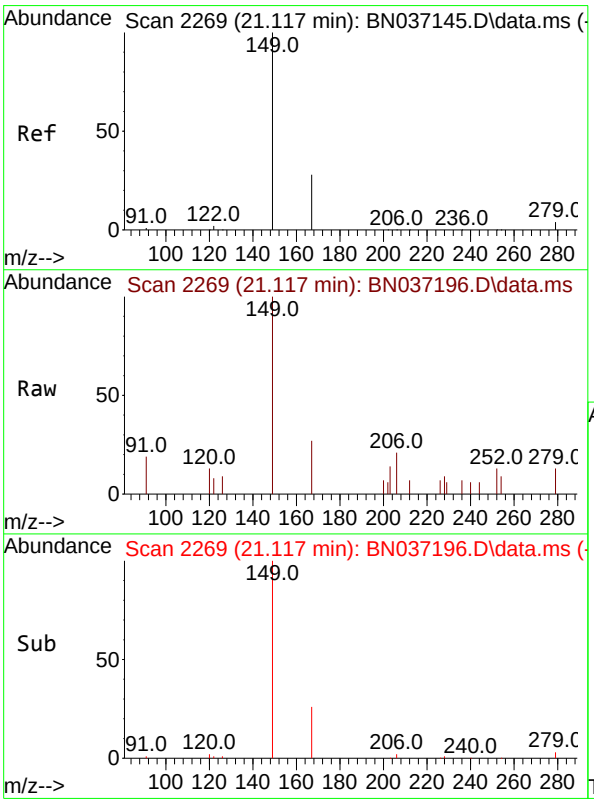
#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:244 Resp: 2765

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.0	15.0
122	17.9	13.2	19.8

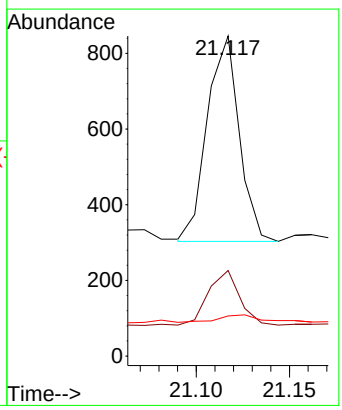


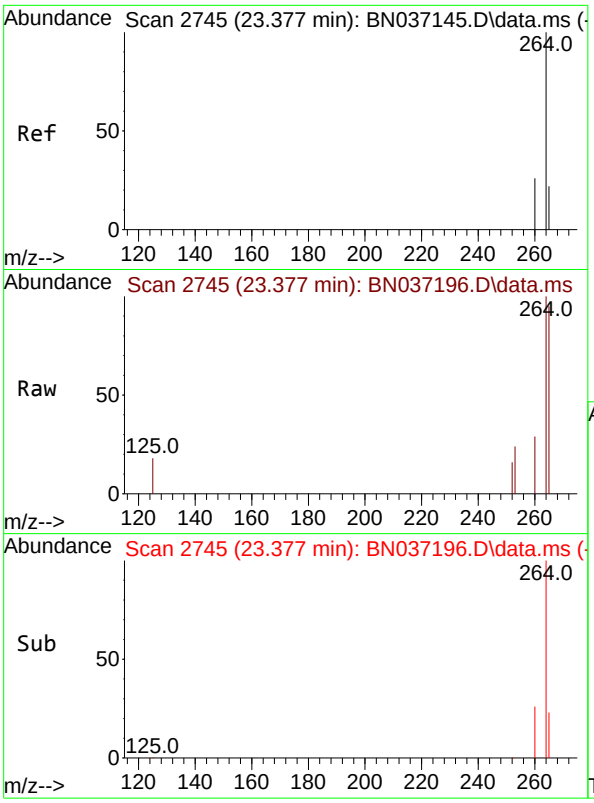


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:149 Resp: 647

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	5.1	2.9	4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:264 Resp: 2435

Ion	Ratio	Lower	Upper
264	100		
260	29.0	22.1	33.1
265	94.9	55.8	83.8#