Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037177.D
Acq On : 05 Jun 2025 12:44
Operator : RC/JU
Sample : Q2200-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Quant Time: Jun 05 14:08:55 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	2048	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4893	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2464	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4393	0.400	ng	0.00
29) Chrysene-d12	21.188	240	3309	0.400	ng	0.00
35) Perylene-d12	23.374	264	3372	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	898	0.177	ng	0.00
5) Phenol-d6	6.773	99	666	0.108	ng	0.00
8) Nitrobenzene-d5	8.738	82	1702	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2102	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	363	0.366	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3785	0.360	ng	0.00
27) Fluoranthene-d10	19.026	212	4262	0.382	ng	0.00
31) Terphenyl-d14	19.630	244	3420	0.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	55921	20.484	ng	98
6) bis(2-Chloroethyl)ether	7.026	93	119	0.020	ng	# 33
20) 4,6-Dinitro-2-methylph...	15.357	198	3	0.277	ng	# 1
24) Pentachlorophenol	16.636	266	7	0.219	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.108	149	778	0.103	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
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Misc :
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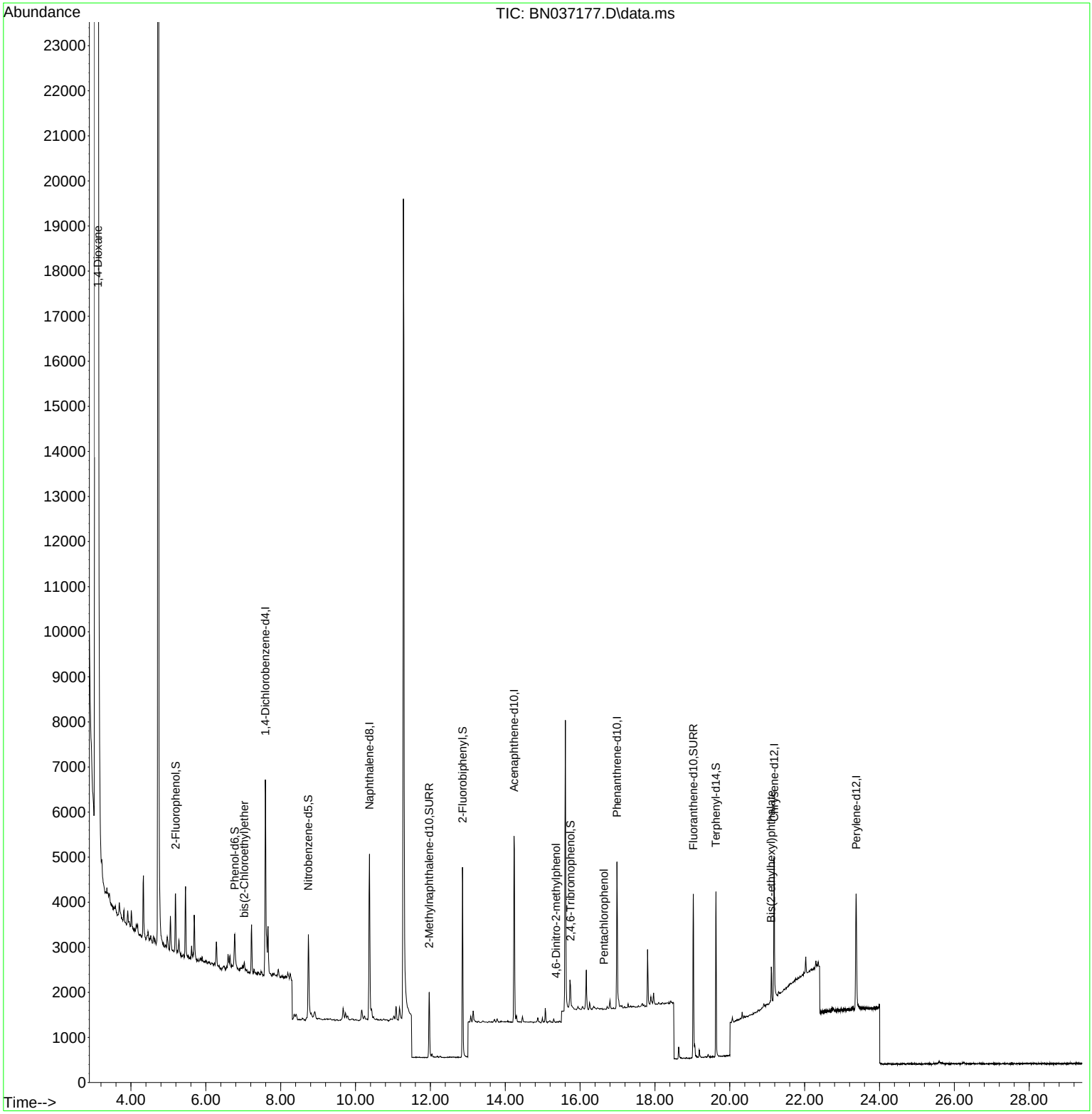
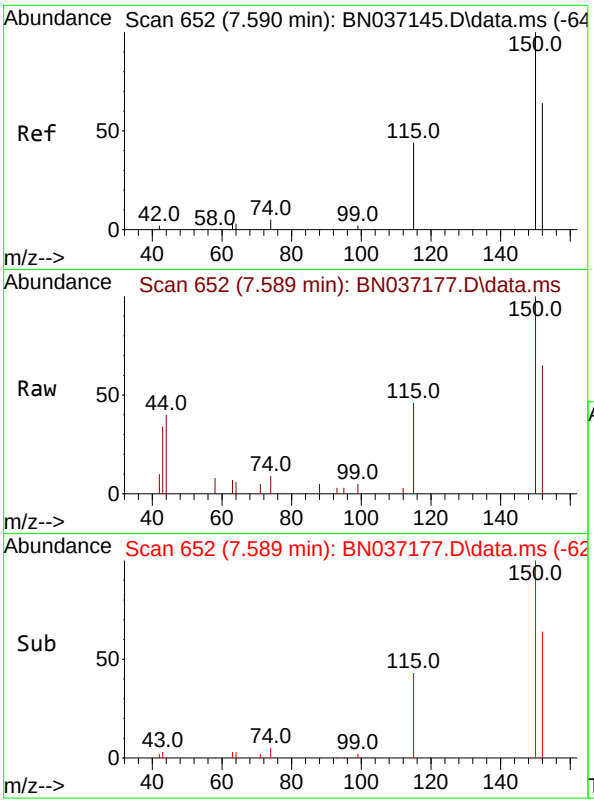


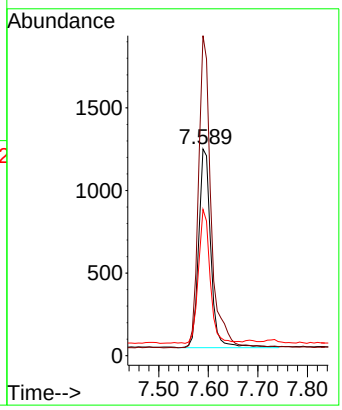


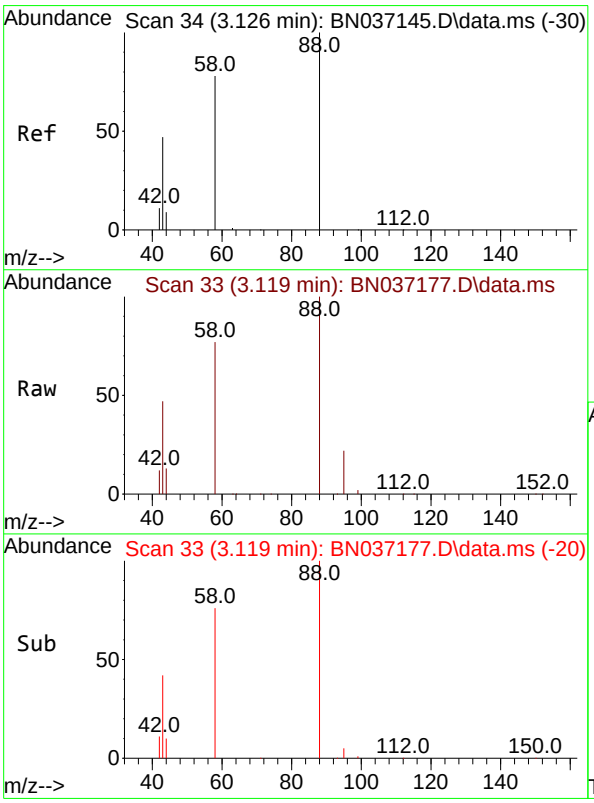
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:152 Resp: 2048

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.2	184.8
115	70.7	56.6	85.0

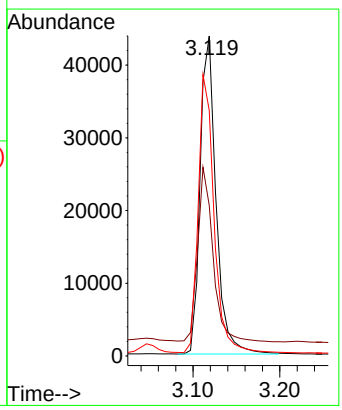


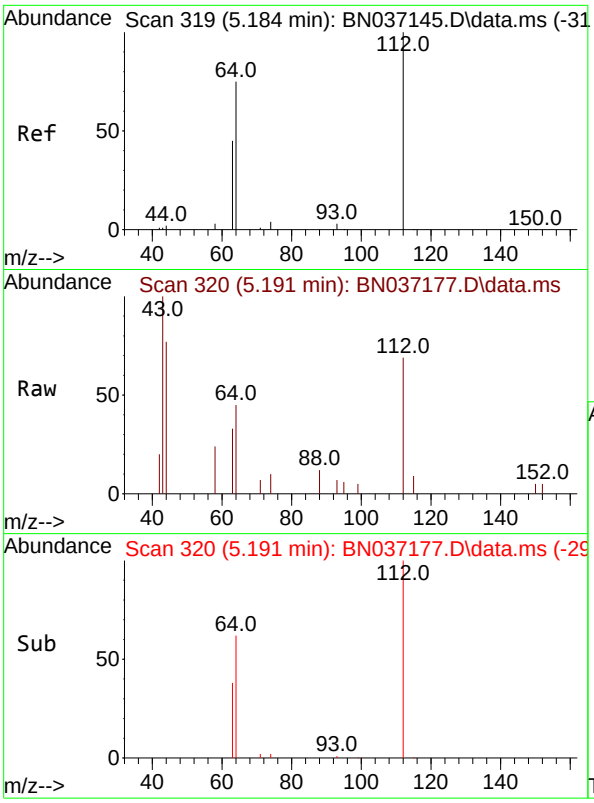


#2
1,4-Dioxane
Concen: 20.484 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 88 Resp: 55921

Ion	Ratio	Lower	Upper
88	100		
43	53.0	43.5	65.3
58	86.6	67.7	101.5



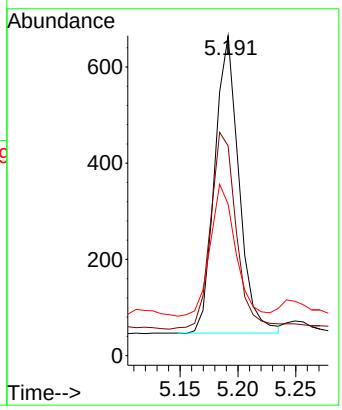


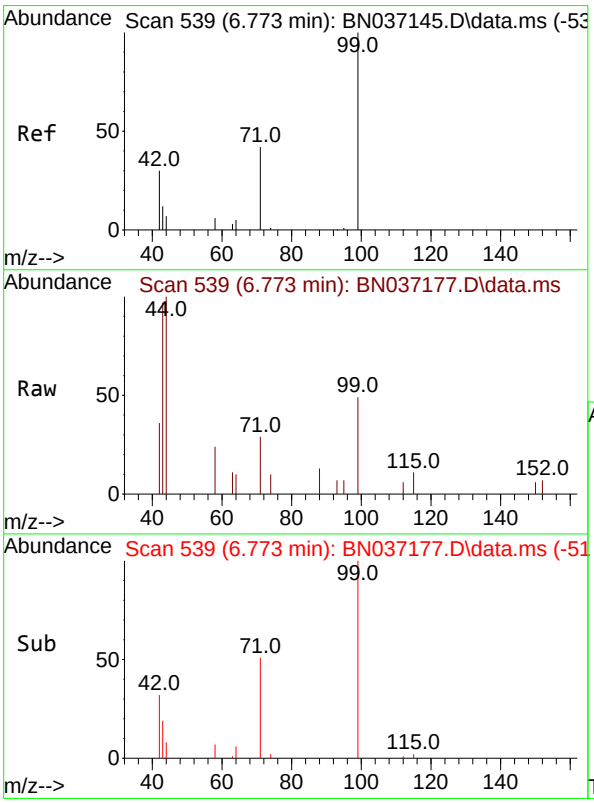
#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.191 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:112 Resp: 898

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	46.4	36.2	54.4

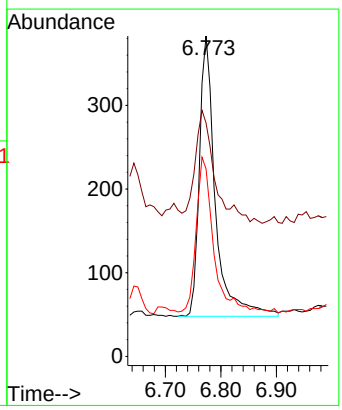


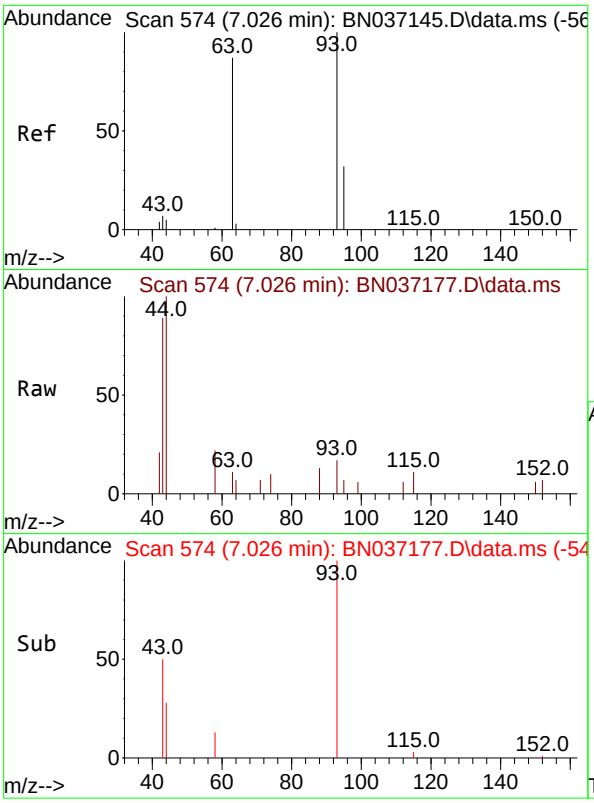


#5
Phenol-d6
Concen: 0.108 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 99 Resp: 666

Ion	Ratio	Lower	Upper
99	100		
42	50.5	31.3	46.9#
71	59.8	38.2	57.2#



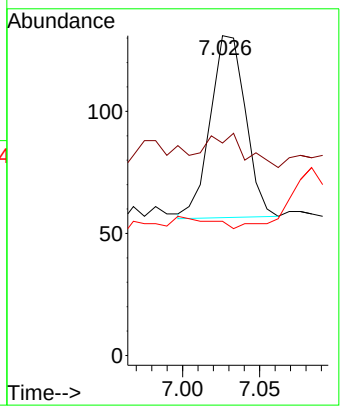


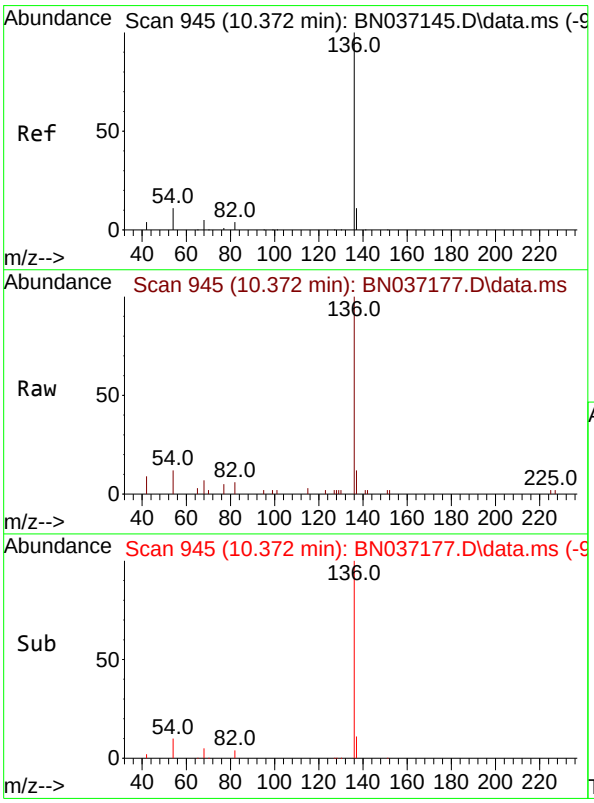
#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.026 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 93 Resp: 119

Ion	Ratio	Lower	Upper
93	100		
63	20.2	68.6	103.0#
95	0.0	24.3	36.5#

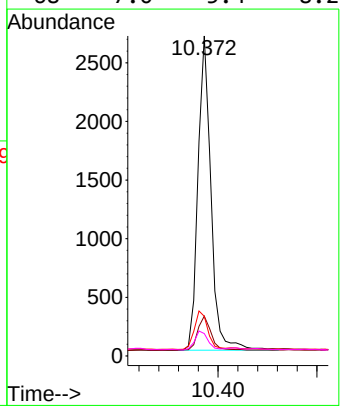


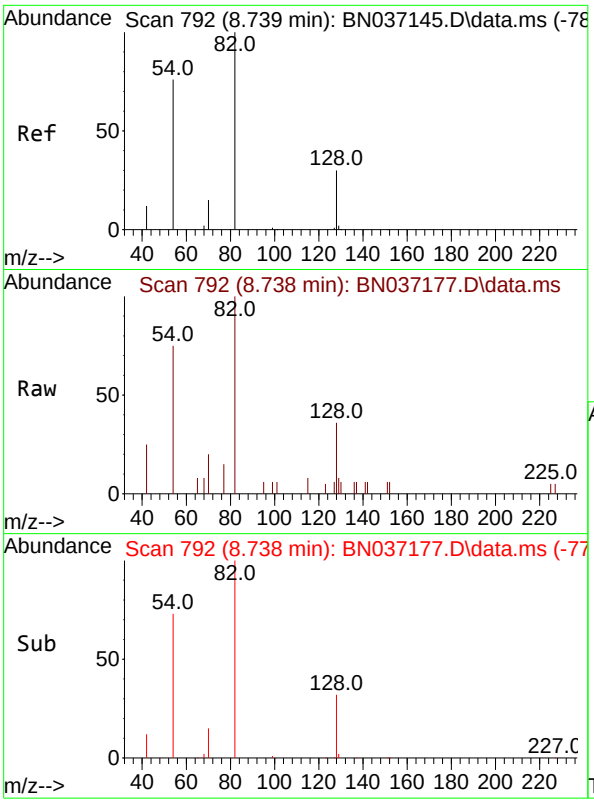


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:136 Resp: 4893

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.7	14.5
54	12.4	9.7	14.5
68	7.0	5.4	8.2



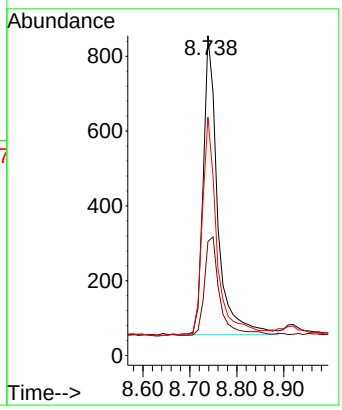


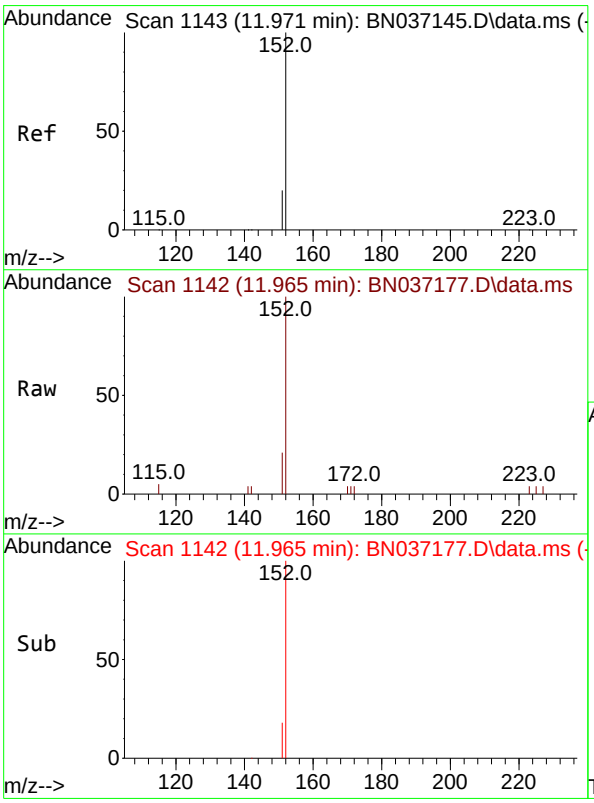
#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.738 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 82 Resp: 1702

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.9	40.3
54	74.5	61.4	92.2

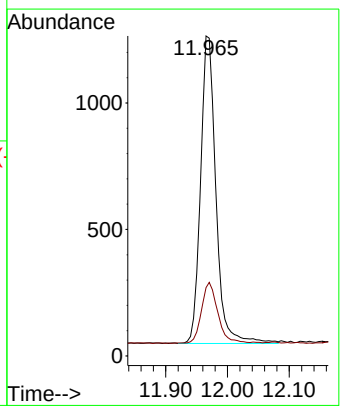


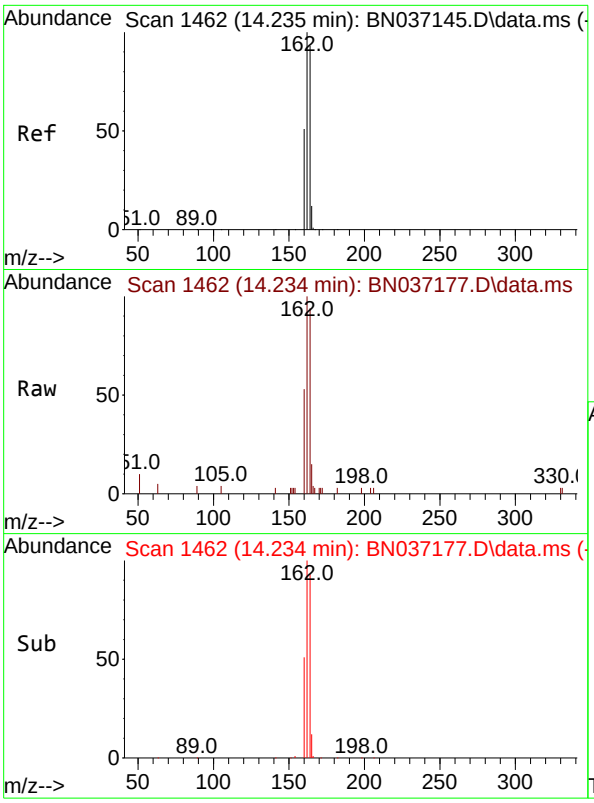


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:152 Resp: 2102

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7



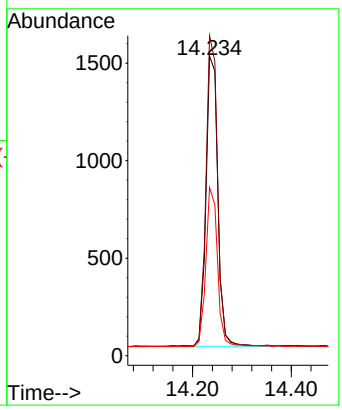


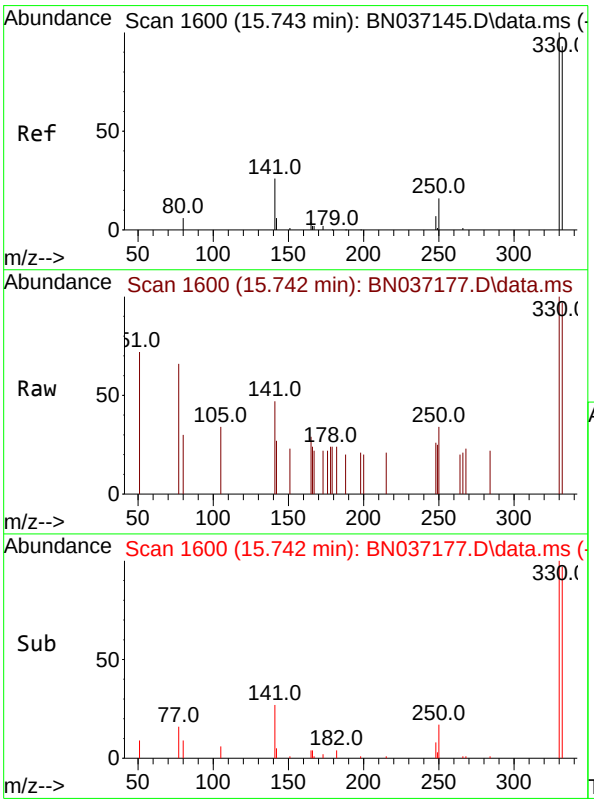
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:164 Resp: 2464

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.5	128.3
160	56.1	44.6	67.0

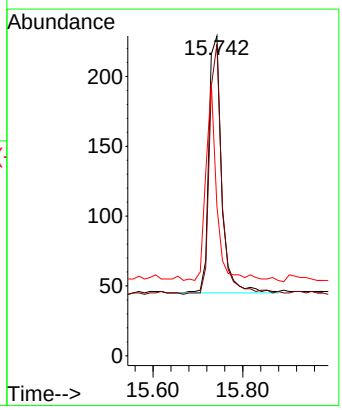


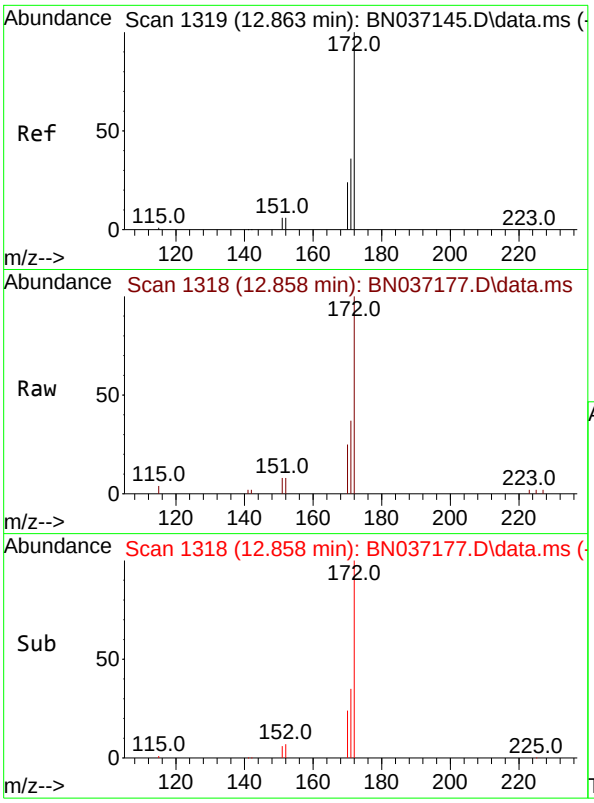


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.742 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:330 Resp: 363

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	68.6	46.4	69.6



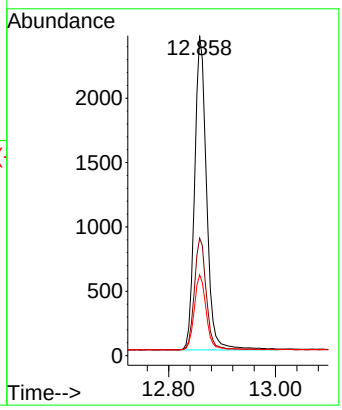


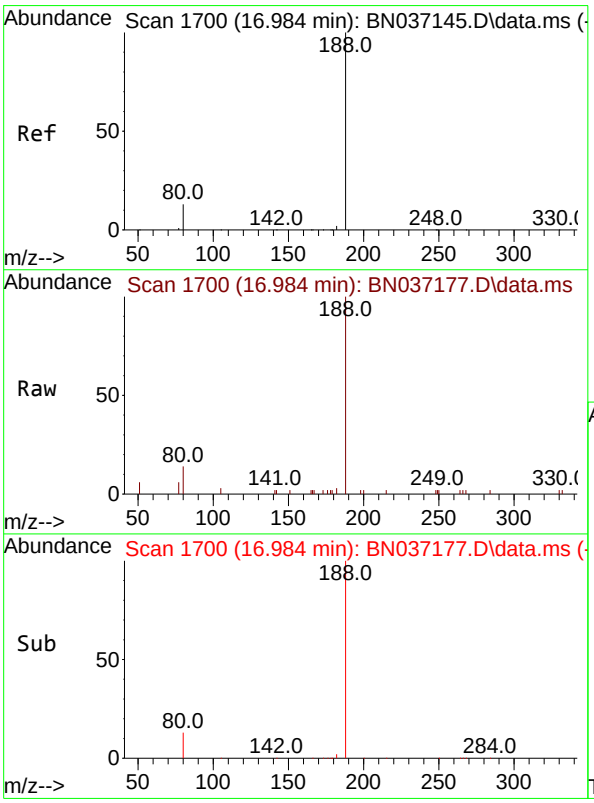
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:172 Resp: 3785

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.2	20.3	30.5

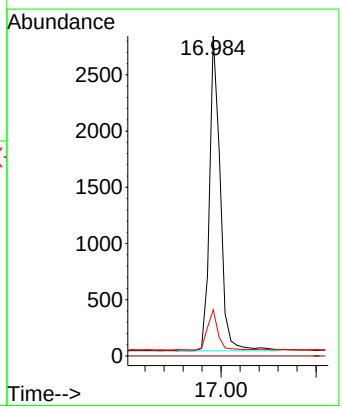


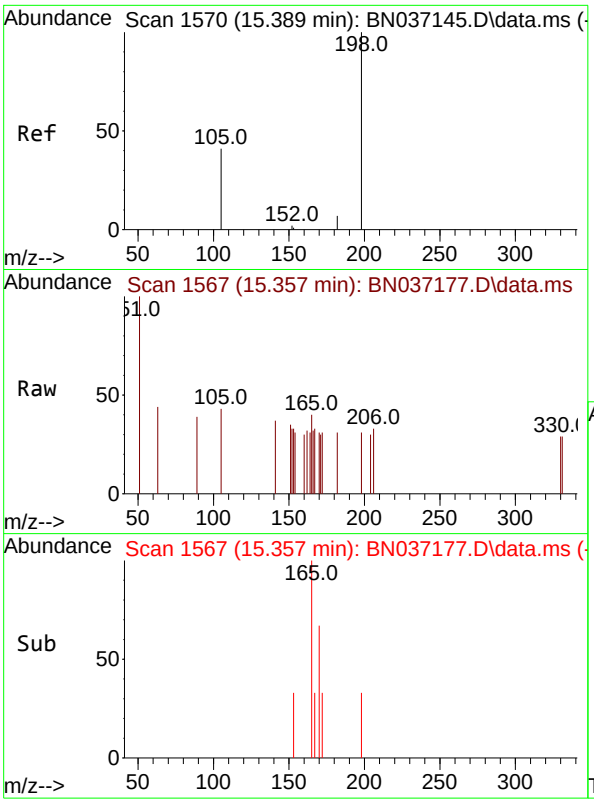


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:188 Resp: 4393

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	11.3	16.9



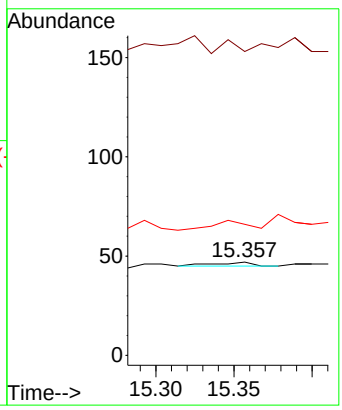


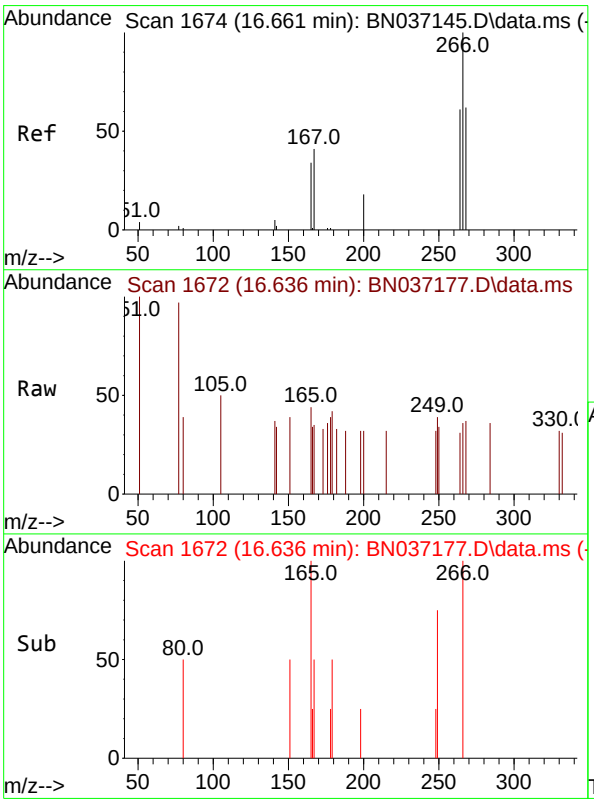
#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.357 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	325.5	125.2	187.8#
105	140.4	57.1	85.7#

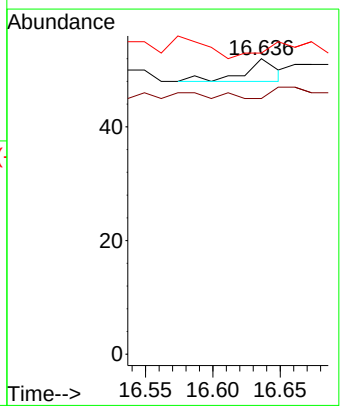


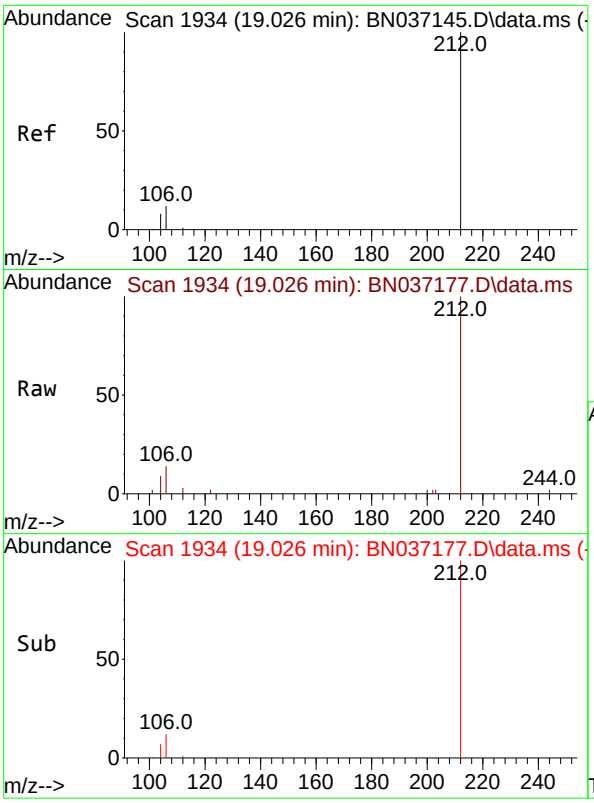


#24
Pentachlorophenol
Concen: 0.219 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	57.1	49.3	73.9
268	114.3	49.0	73.4#



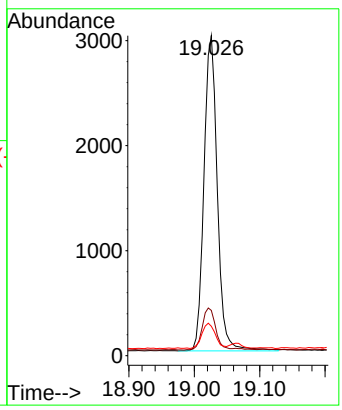


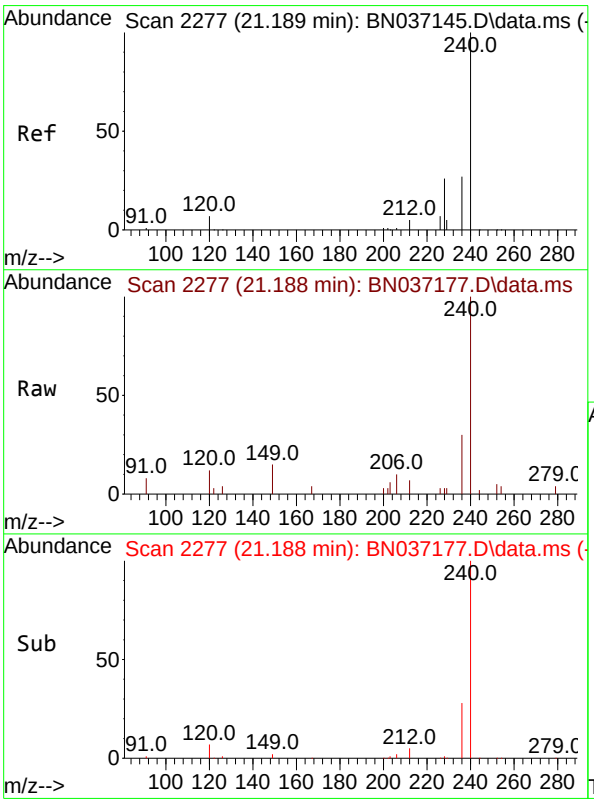
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:212 Resp: 4262

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	7.9	6.6	9.8

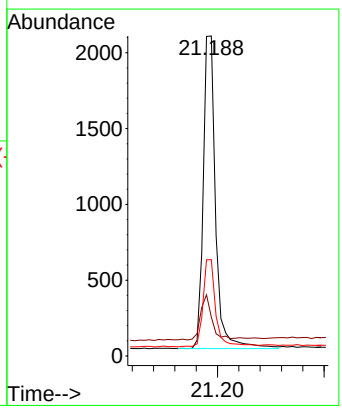


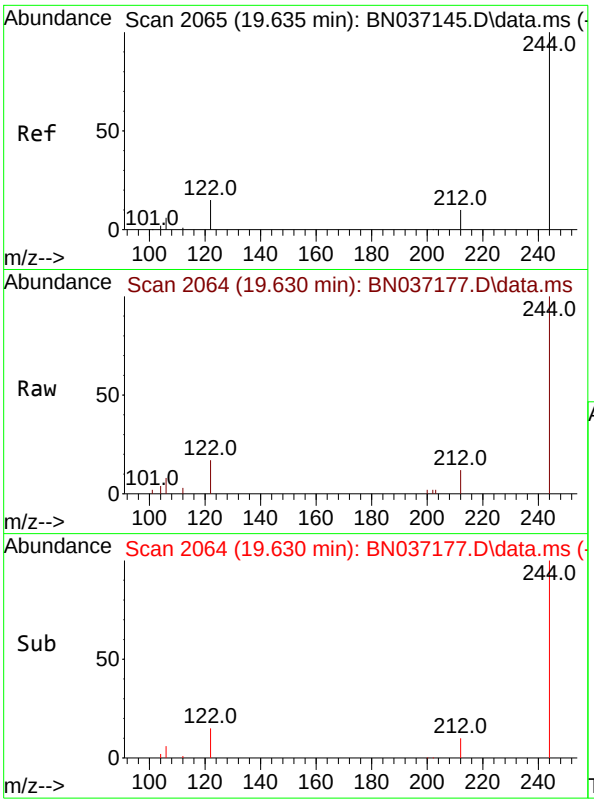


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:240 Resp: 3309

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	30.1	23.0	34.4



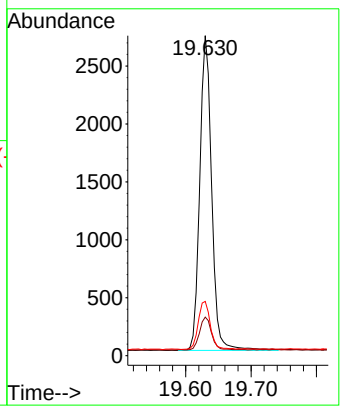


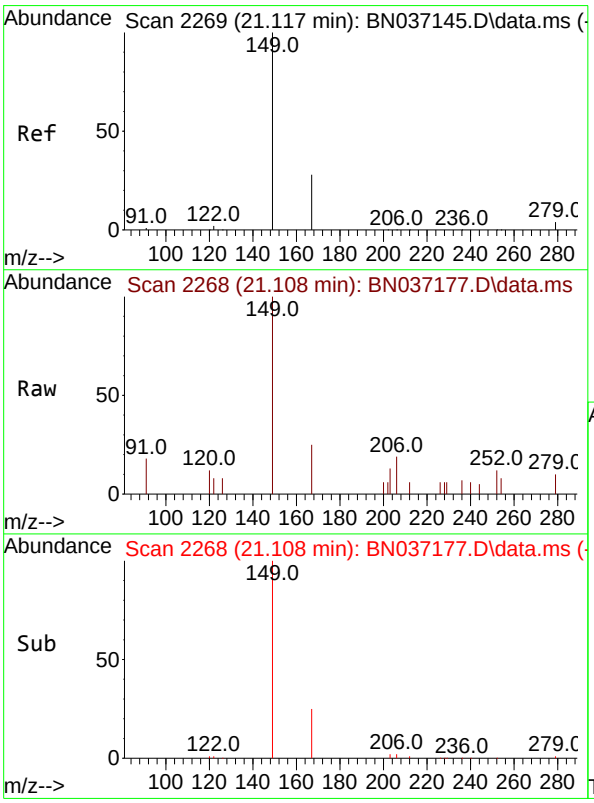
#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:244 Resp: 3420

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	16.9	13.2	19.8

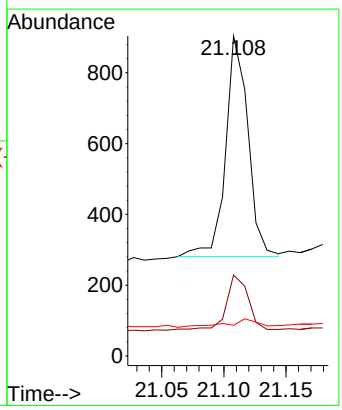


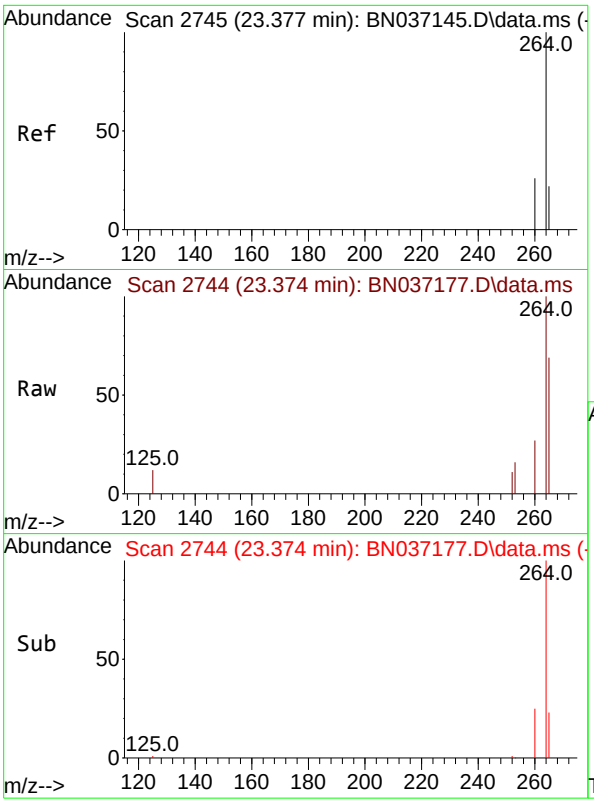


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:149 Resp: 778

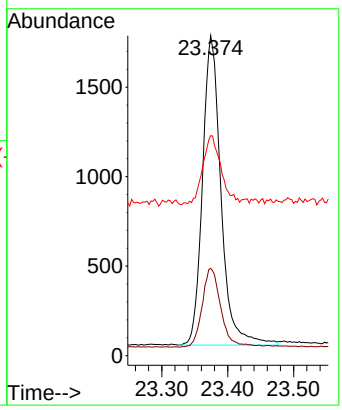
Ion	Ratio	Lower	Upper
149	100		
167	23.0	21.0	31.4
279	5.5	2.9	4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:264 Resp: 3372

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.1	33.1
265	68.7	55.8	83.8