Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037620.D
Acq On : 20 Aug 2025 05:27
Operator : RC/JU
Sample : Q2842-01DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Quant Time: Aug 20 06:13:53 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	7.710	152	2332	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5464	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2692	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5770	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4774	0.400	ng	0.00
35) Perylene-d12	23.496	264	4470	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	333	0.063	ng	0.00
5) Phenol-d6	6.879	99	219	0.034	ng	0.00
8) Nitrobenzene-d5	8.854	82	567	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	922	0.124	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	210	0.178	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	2639	0.170	ng	0.00
27) Fluoranthene-d10	19.113	212	2639	0.174	ng	0.00
31) Terphenyl-d14	19.717	244	2370	0.241	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	6690	2.999	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.182	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	629	0.096	ng	96

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

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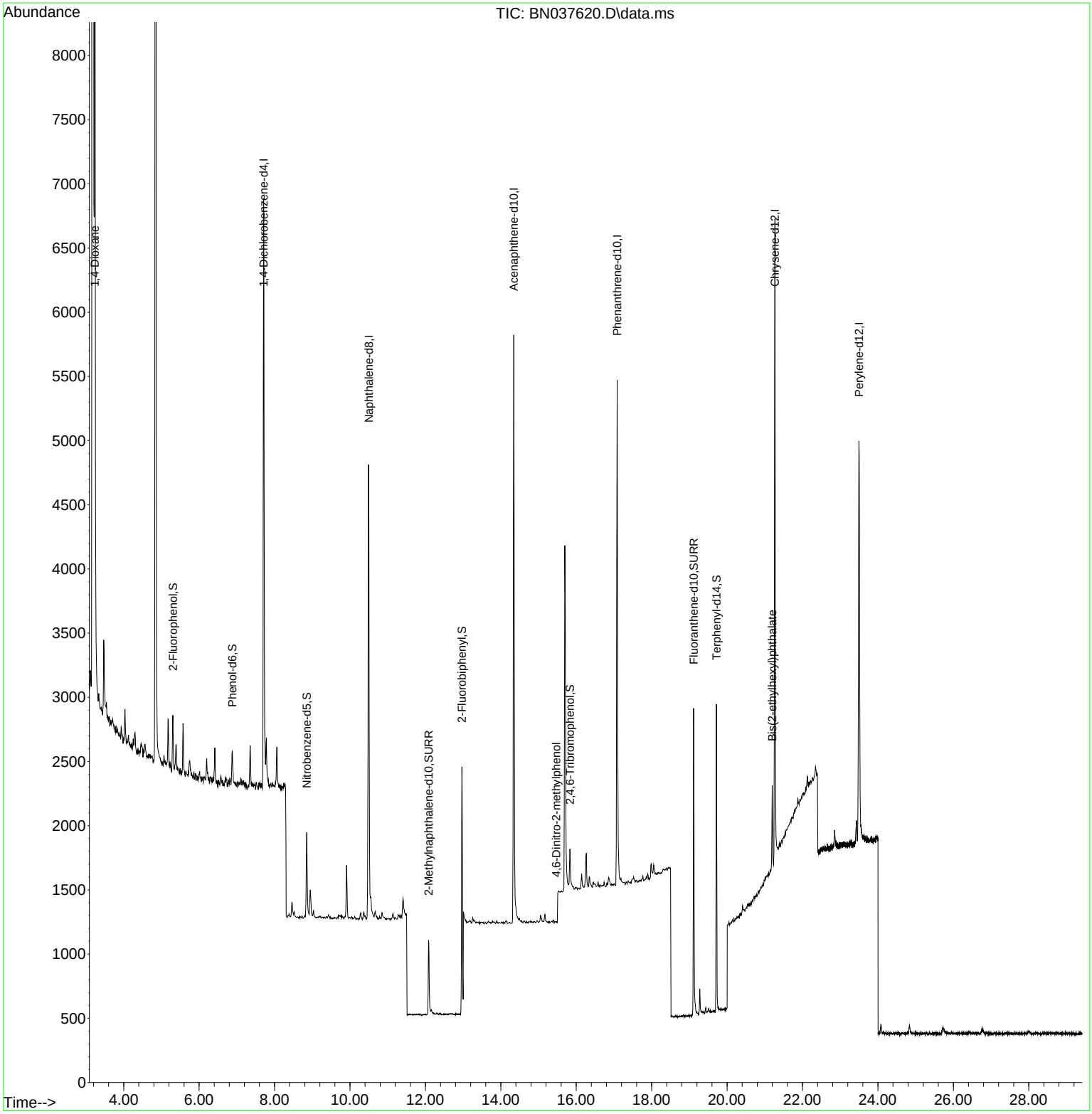
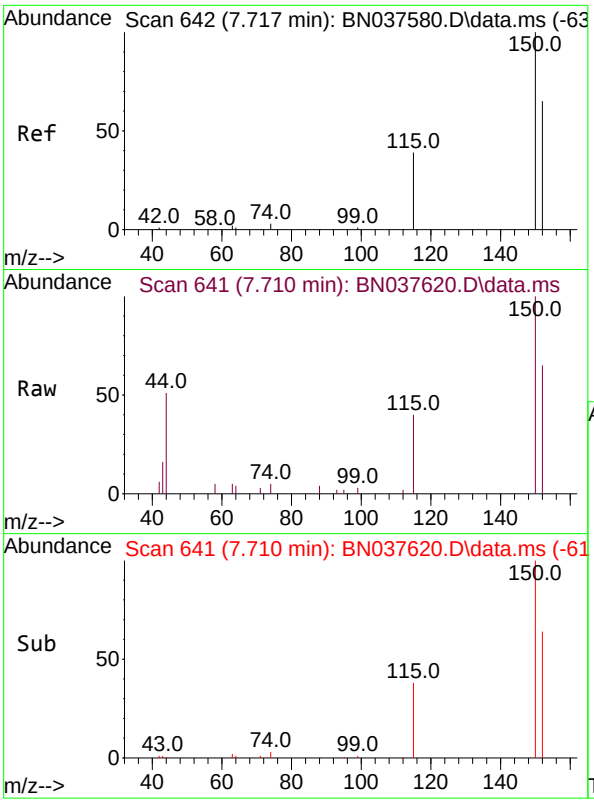


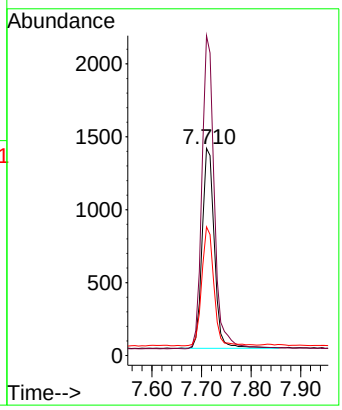


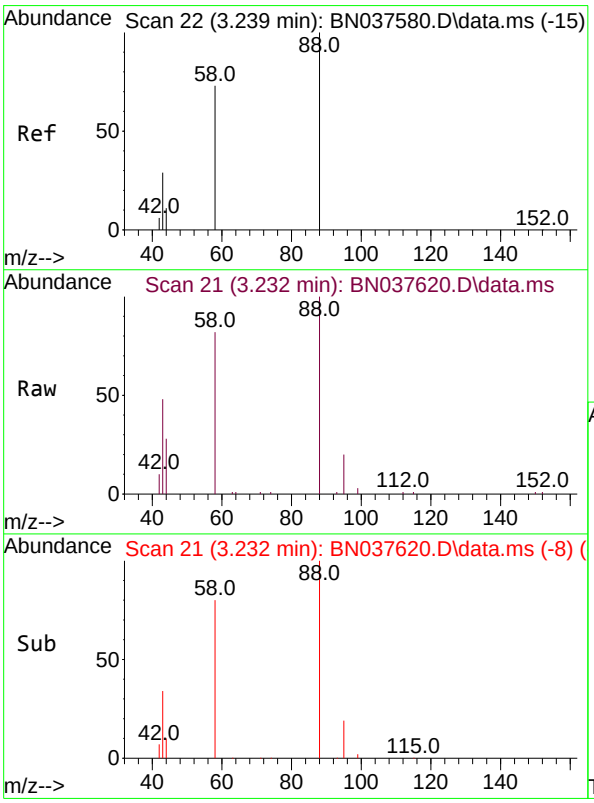
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:152 Resp: 2332

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.4
115	62.1	49.8	74.6

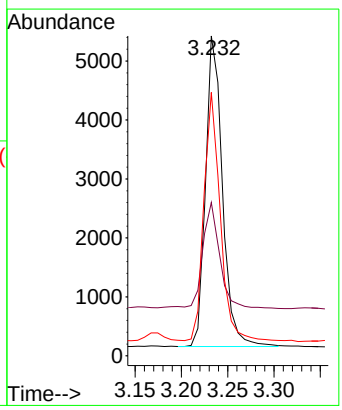


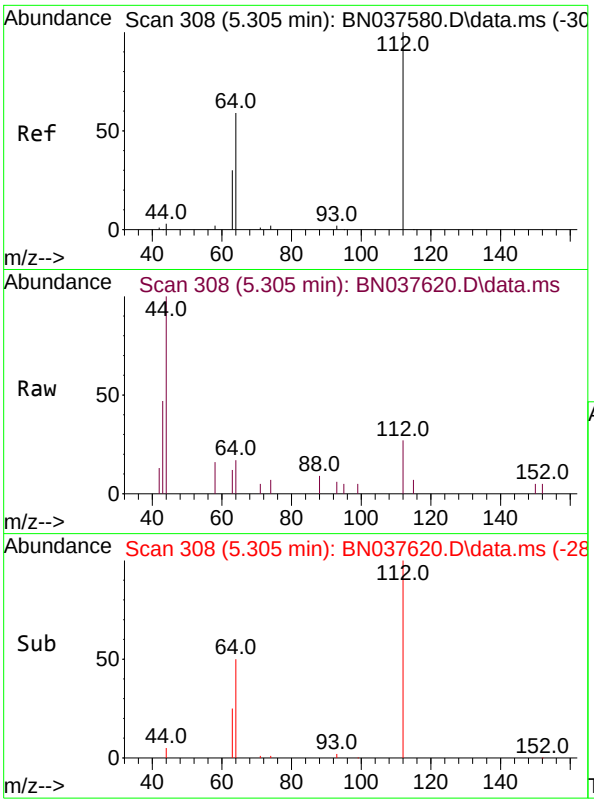


#2
1,4-Dioxane
Concen: 2.999 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion: 88 Resp: 6690

Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.8	38.6
58	76.6	61.2	91.8



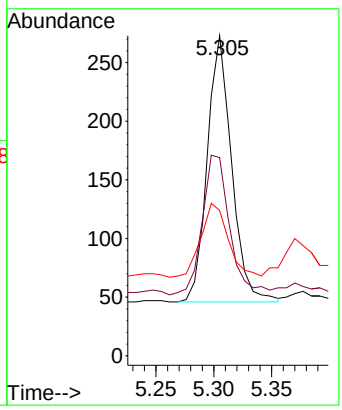


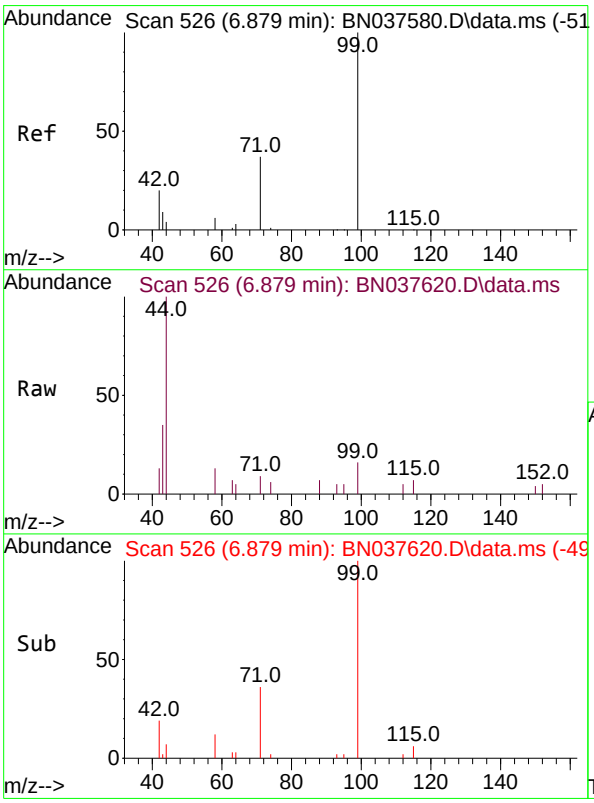
#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.305 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:112 Resp: 333

Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.9	67.3
63	31.8	23.4	35.2

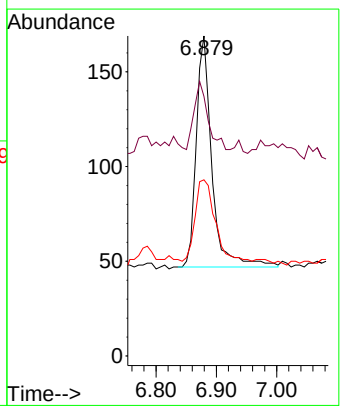


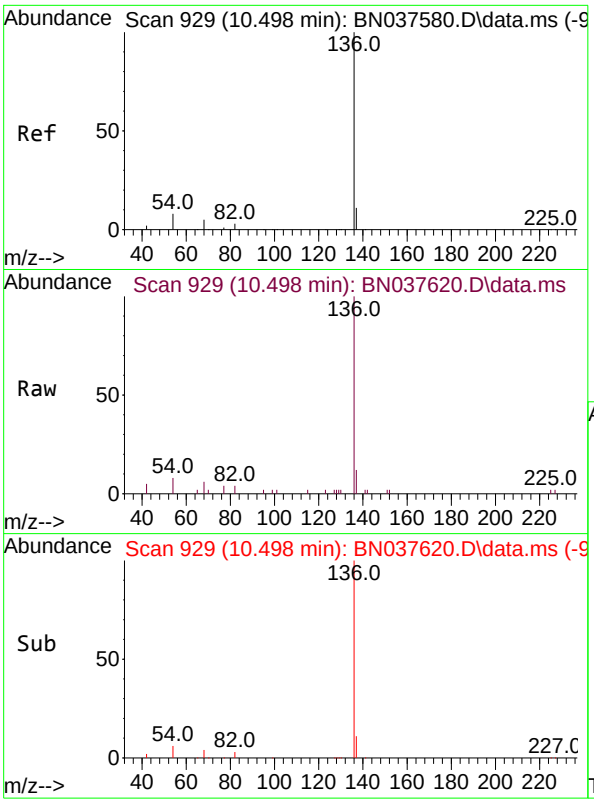


#5
Phenol-d6
Concen: 0.034 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion: 99 Resp: 219

Ion	Ratio	Lower	Upper
99	100		
42	26.0	18.5	27.7
71	47.5	28.6	42.8#



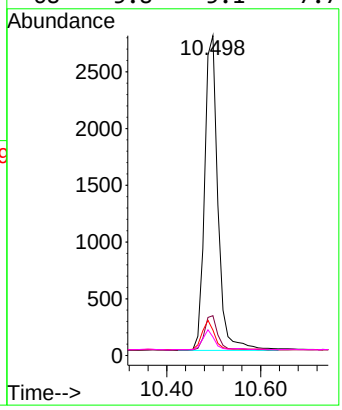


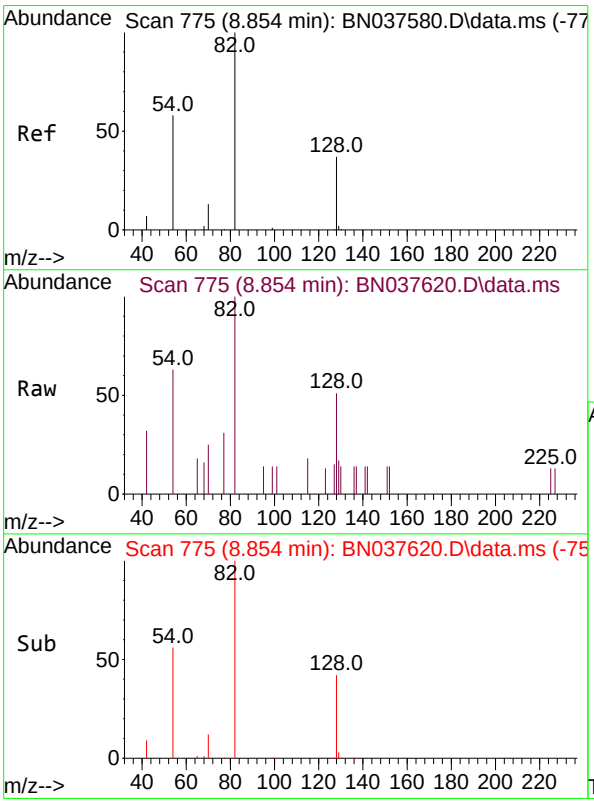
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:136 Resp: 5464

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	7.9	7.3	10.9
68	5.8	5.1	7.7

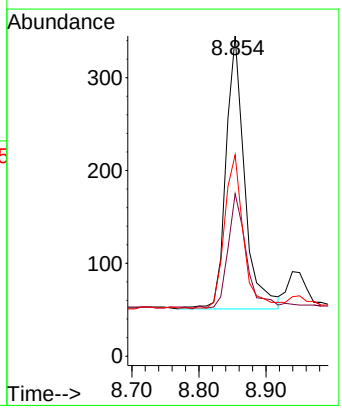


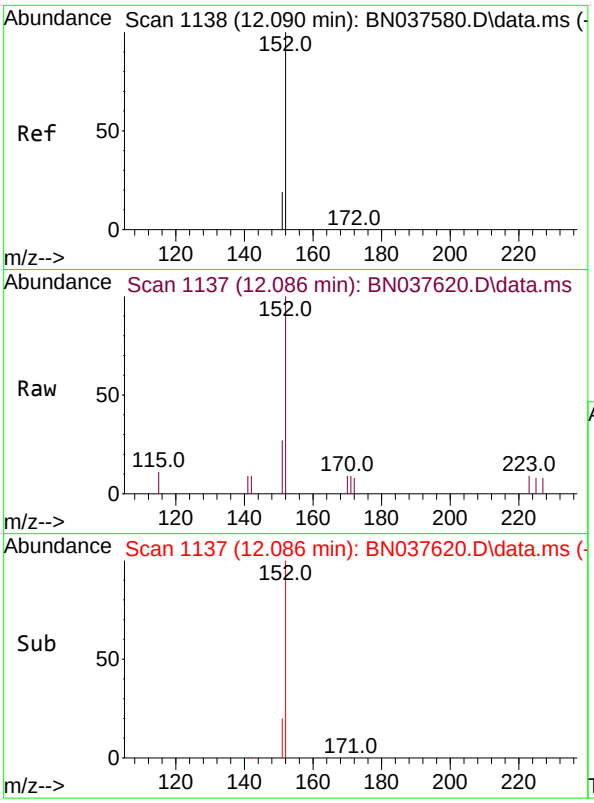


#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion: 82 Resp: 567

Ion	Ratio	Lower	Upper
82	100		
128	50.7	32.6	48.8#
54	62.9	48.9	73.3



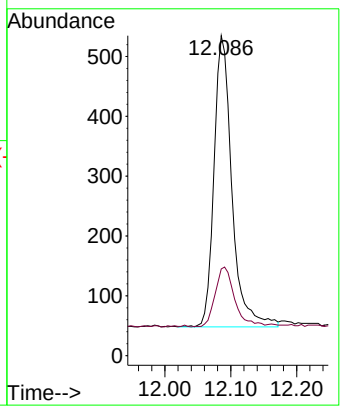


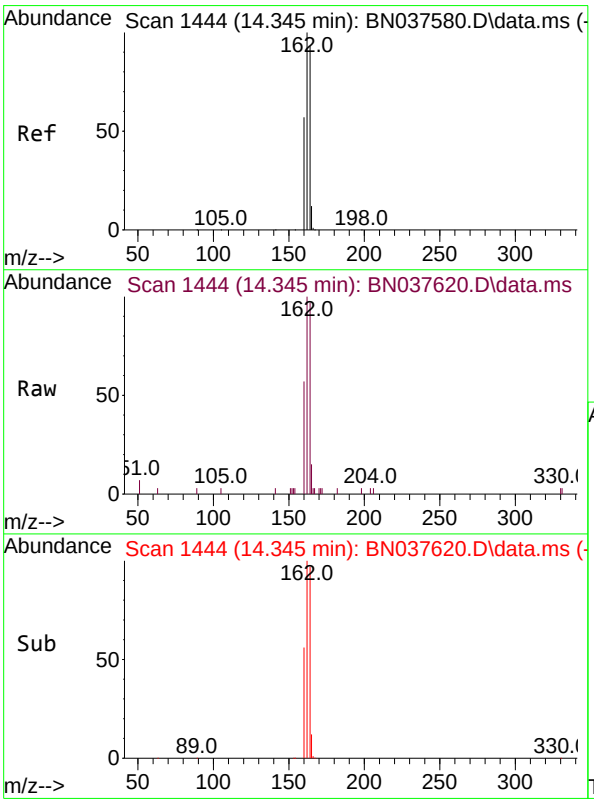
#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 12.086 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:152 Resp: 922

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.3	25.9

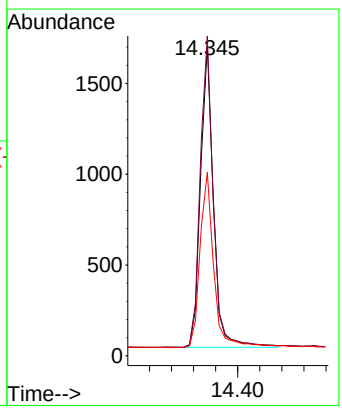


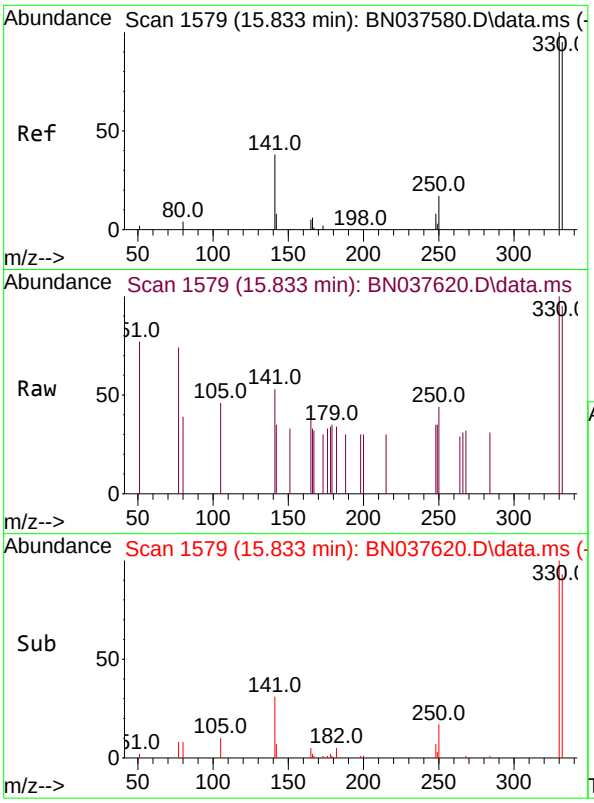


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:164 Resp: 2692

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.5	128.3
160	59.2	49.5	74.3



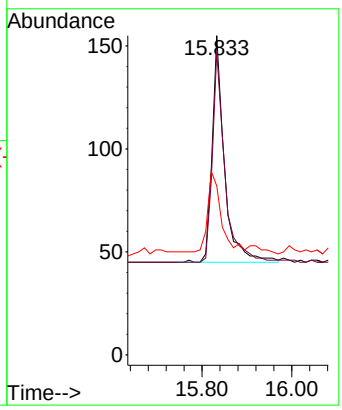


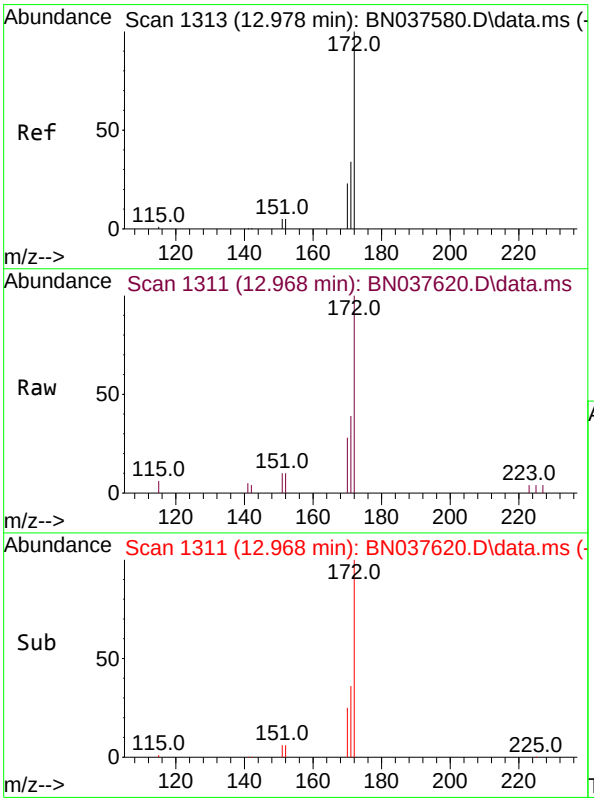
#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:330 Resp: 210

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.0
141	38.1	30.9	46.3

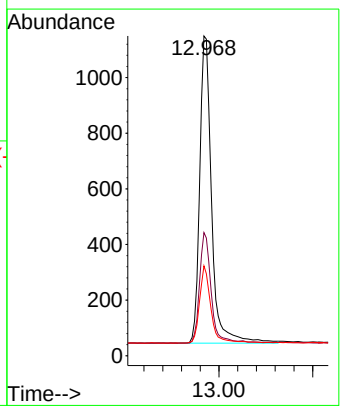


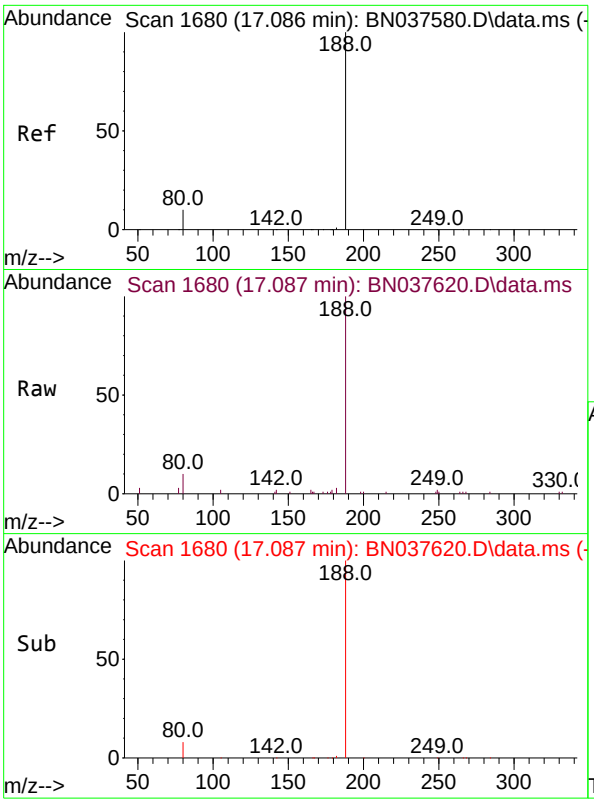


#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:172 Resp: 2639

Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.2	42.4
170	28.1	19.2	28.8



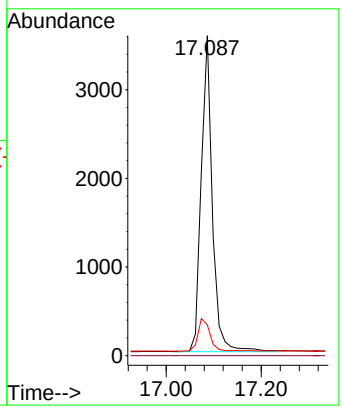


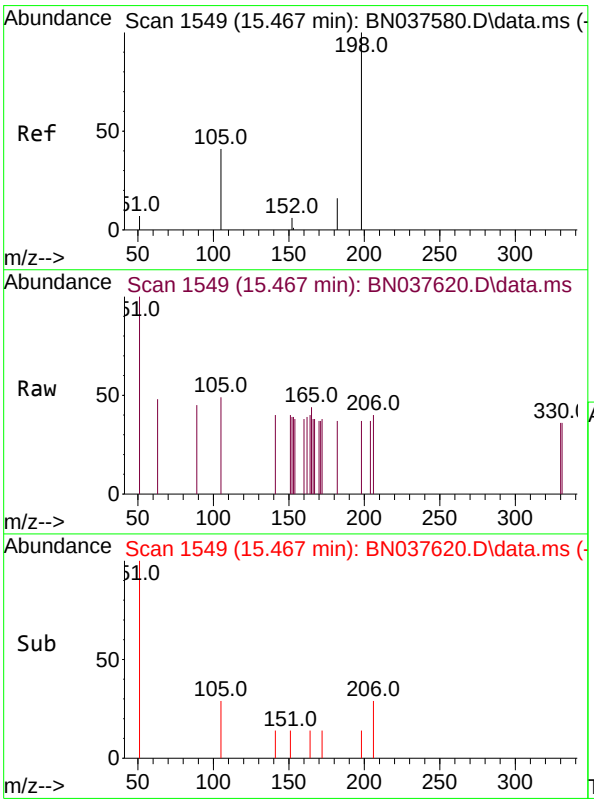
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:188 Resp: 5770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	9.1	13.7

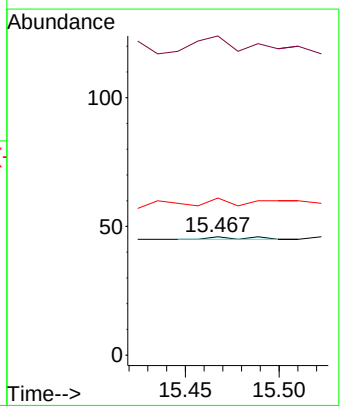


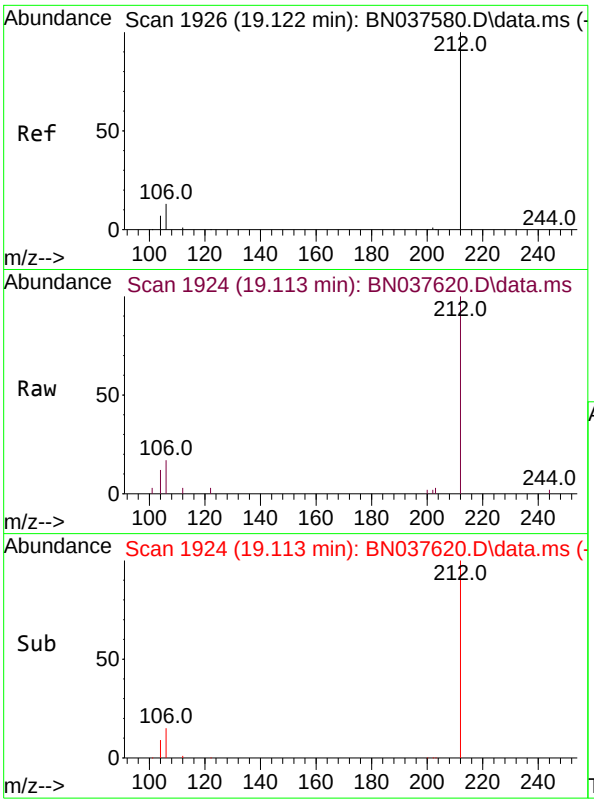


#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	269.6	81.0	121.6#
105	132.6	52.5	78.7#



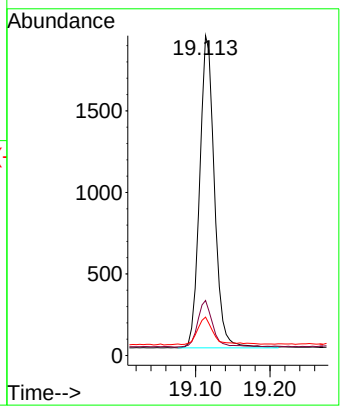


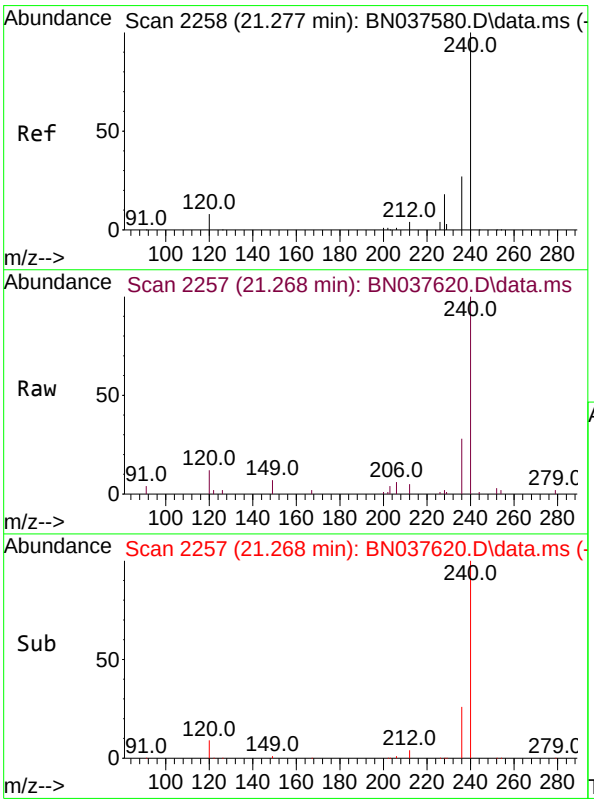
#27
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.113 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:212 Resp: 2639

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.5	17.3
104	9.0	6.6	9.8

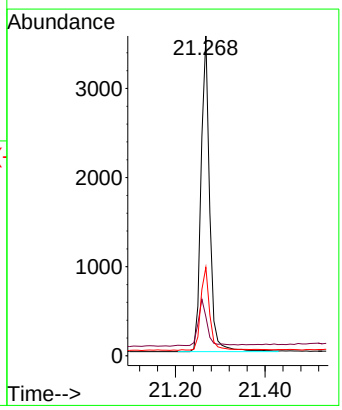


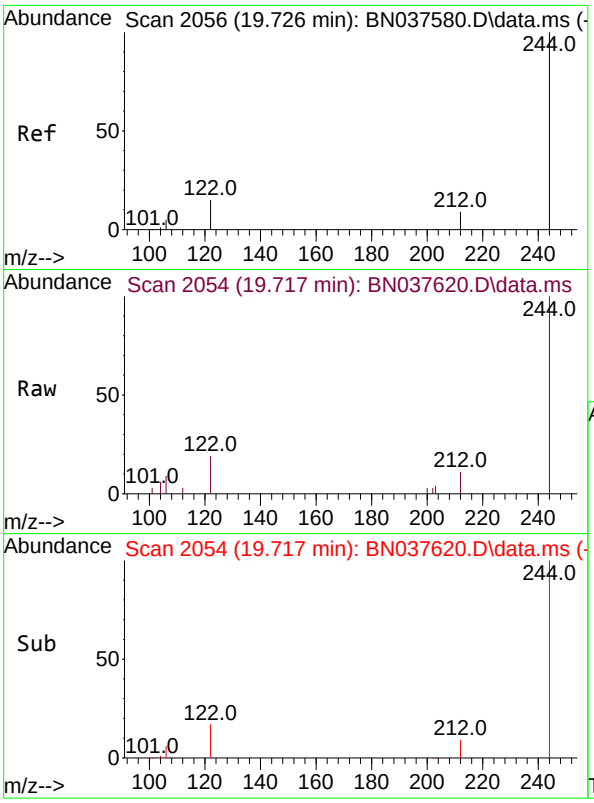


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:240 Resp: 4774

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	27.7	22.6	33.8



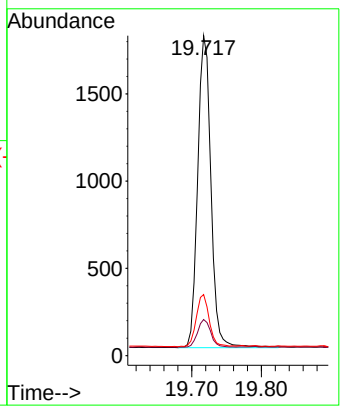


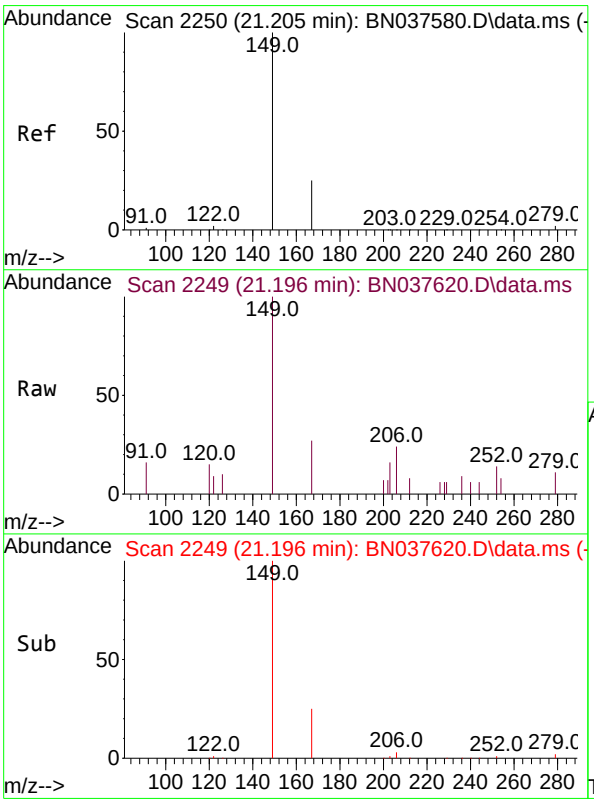
#31
Terphenyl-d14
Concen: 0.241 ng
RT: 19.717 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:244 Resp: 2370

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.2	12.2
122	19.1	13.2	19.8

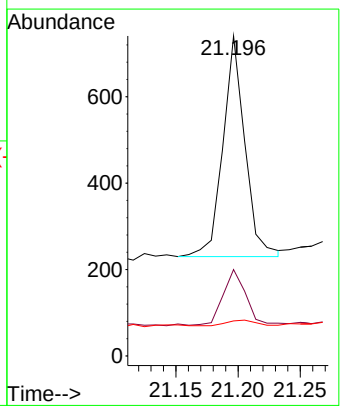


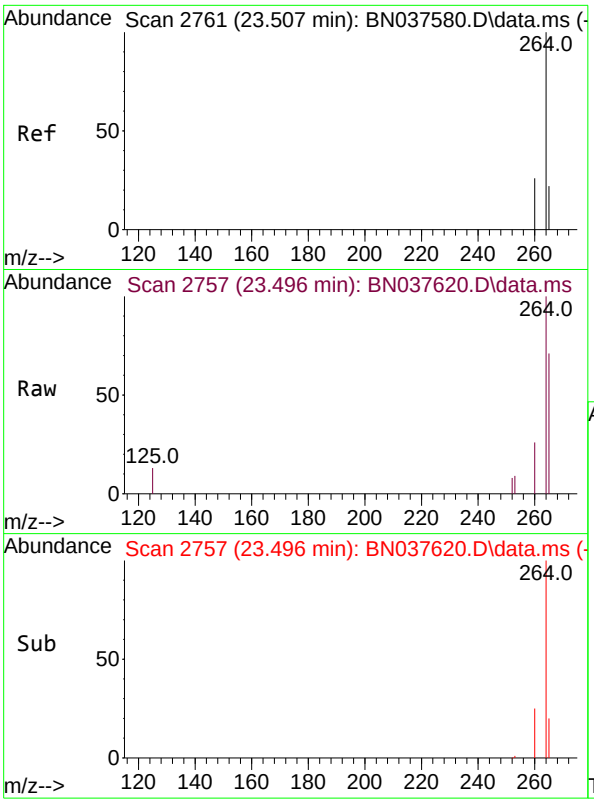


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:149 Resp: 629

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.5	30.7
279	3.2	2.6	4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:264 Resp: 4470

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.6	32.4
265	71.4	48.2	72.4