Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036745.D
Acq On : 27 Mar 2025 19:51
Operator : RC/JU
Sample : Q1608-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Quant Time: Mar 28 00:57:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1782	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	4096	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2547	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	5581	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4807	0.400	ng	-0.02
35) Perylene-d12	23.525	264	4214	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	640	0.154	ng	-0.01
5) Phenol-d6	6.879	99	449	0.088	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1355	0.304	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1849	0.303	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	459	0.397	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	5964	0.403	ng	-0.02
27) Fluoranthene-d10	19.123	212	6637	0.464	ng	-0.02
31) Terphenyl-d14	19.722	244	5052	0.439	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	3010	1.523	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.393	198	11	0.153	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	983	0.083	ng	# 99

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

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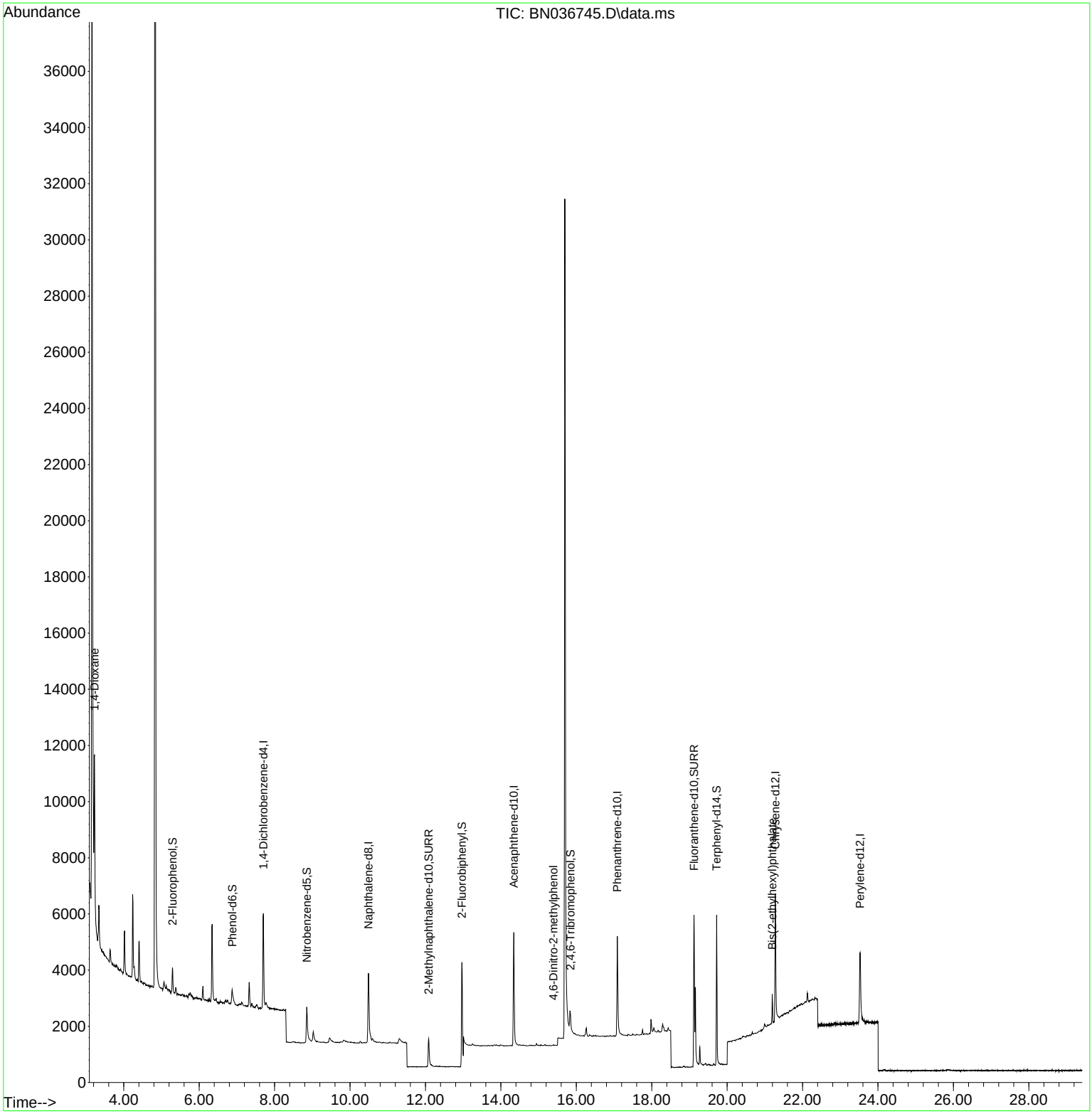
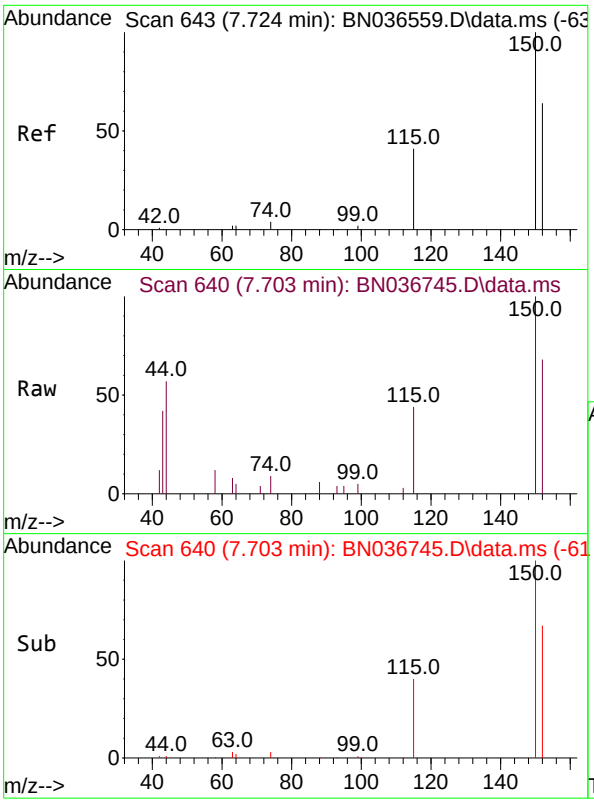


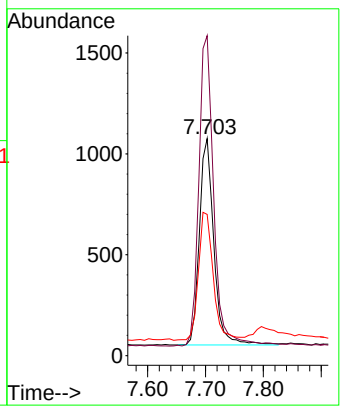


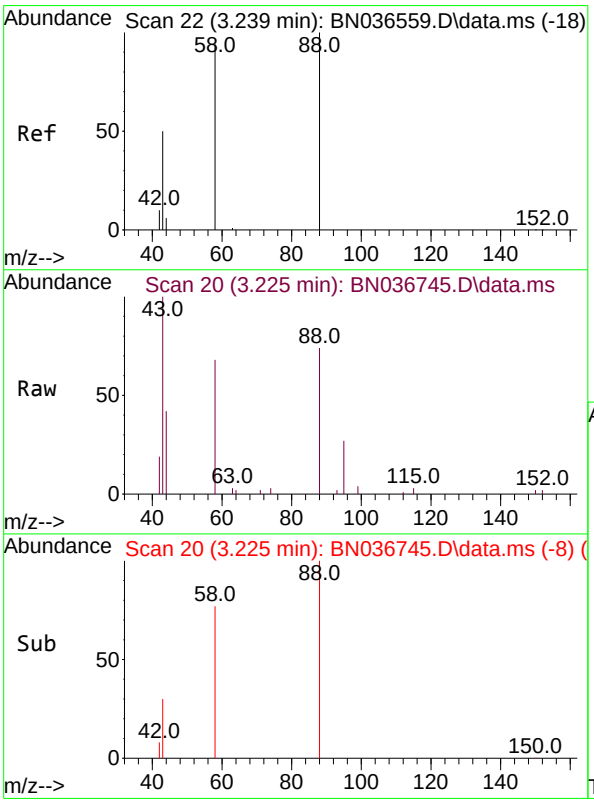
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:152 Resp: 1782

Ion	Ratio	Lower	Upper
152	100		
150	147.4	123.7	185.5
115	65.1	54.3	81.5

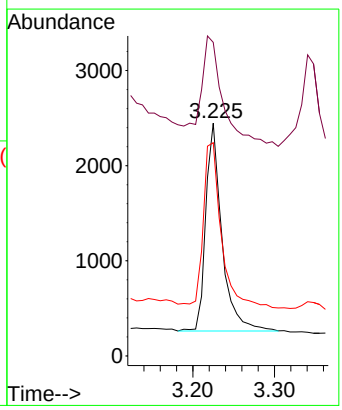


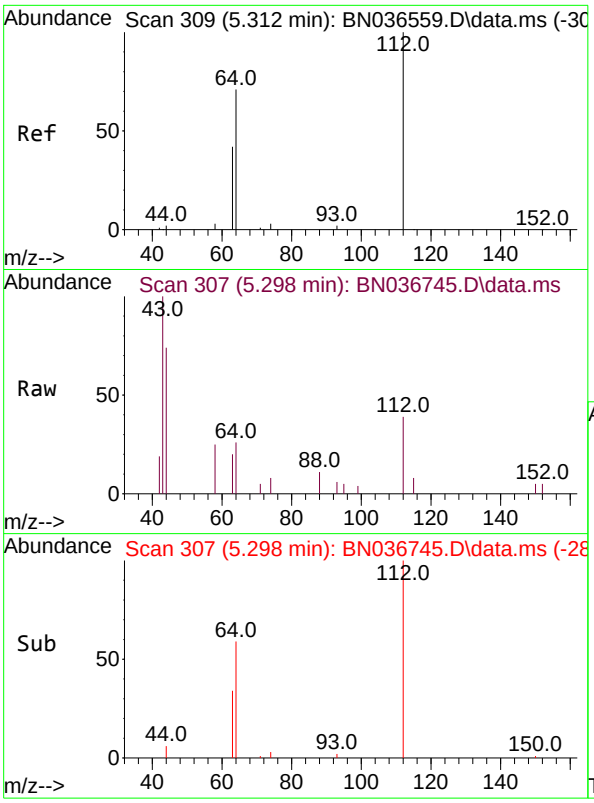


#2
1,4-Dioxane
Concen: 1.523 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion: 88 Resp: 3010

Ion	Ratio	Lower	Upper
88	100		
43	74.8	37.8	56.8#
58	88.5	67.4	101.2



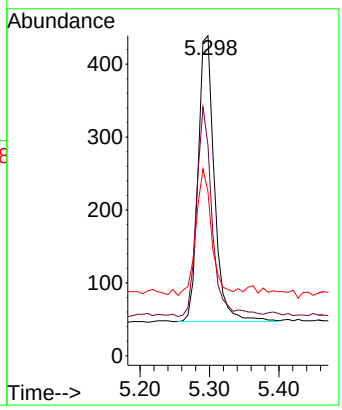


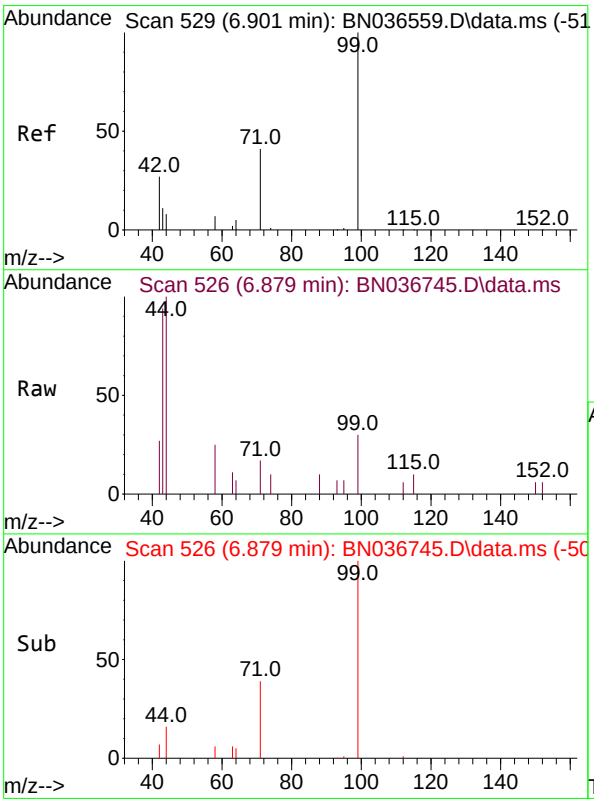
#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.298 min Scan# 3(
Delta R.T. -0.014 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:112 Resp: 640

Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.1	79.7
63	42.7	31.8	47.8

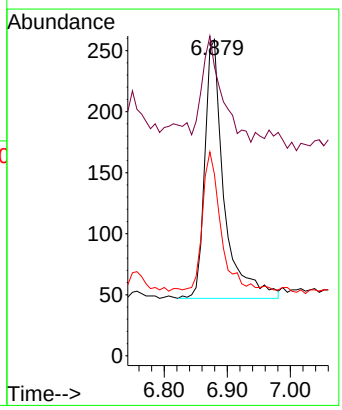


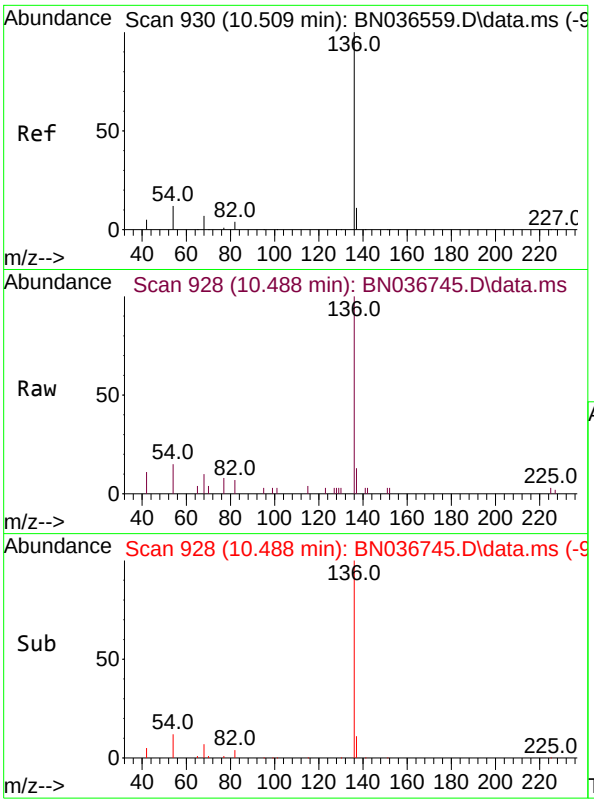


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion: 99 Resp: 449

Ion	Ratio	Lower	Upper
99	100		
42	41.4	26.5	39.7#
71	51.9	34.1	51.1#



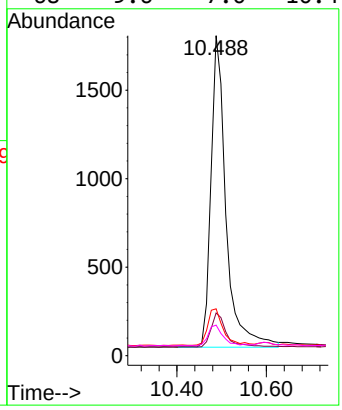


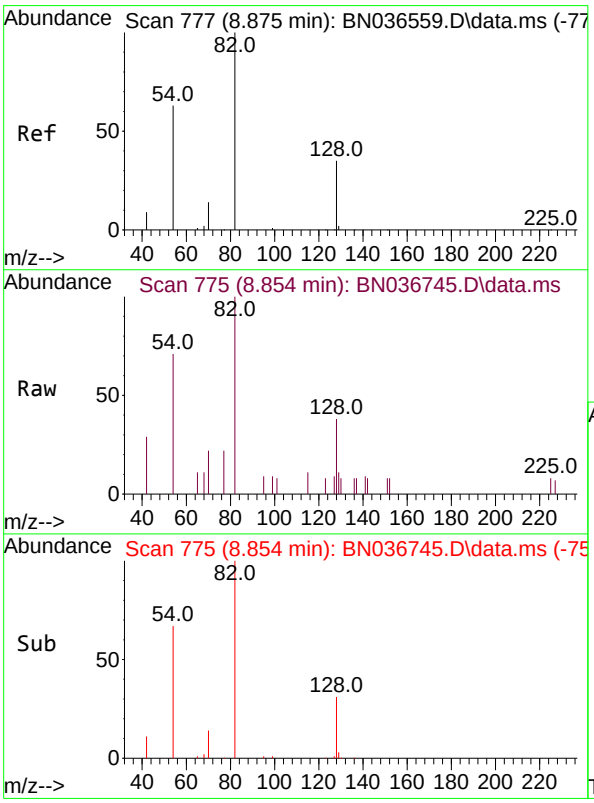
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:136 Resp: 4096

Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	14.7	11.5	17.3
68	9.6	7.0	10.4

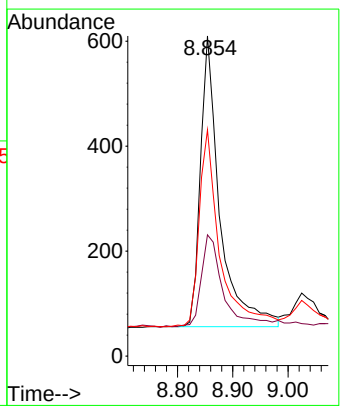


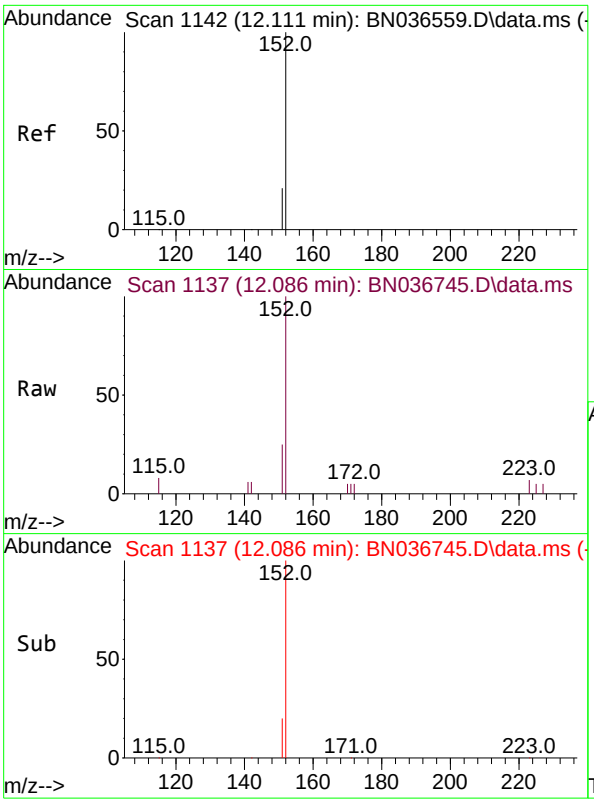


#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion: 82 Resp: 1355

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.6	45.8
54	70.7	52.2	78.4



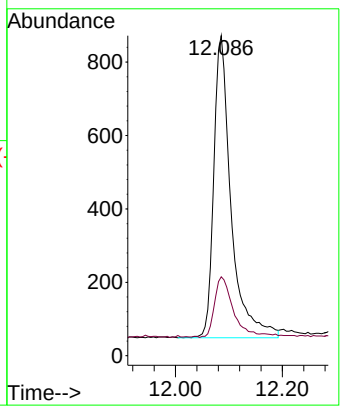


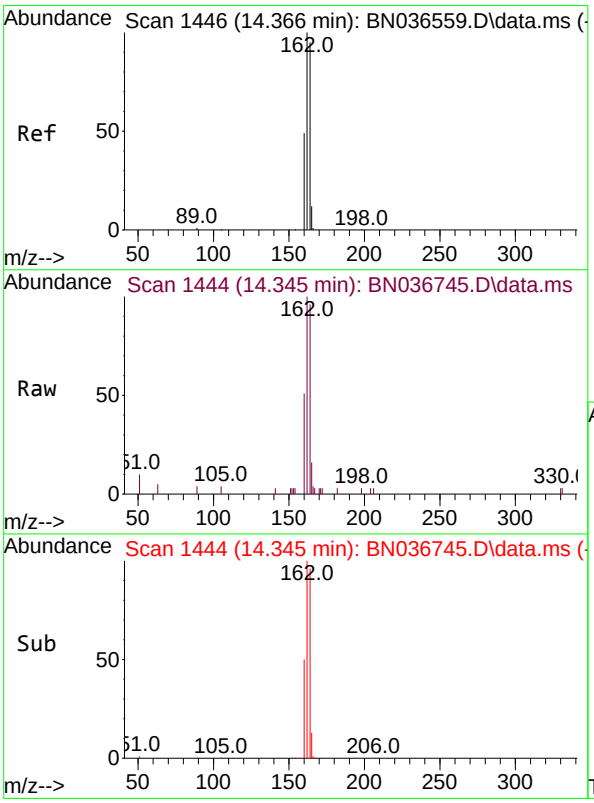
#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.086 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:152 Resp: 1849

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6

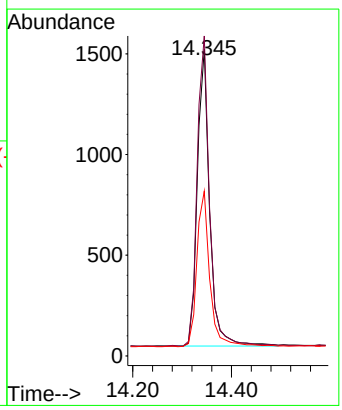


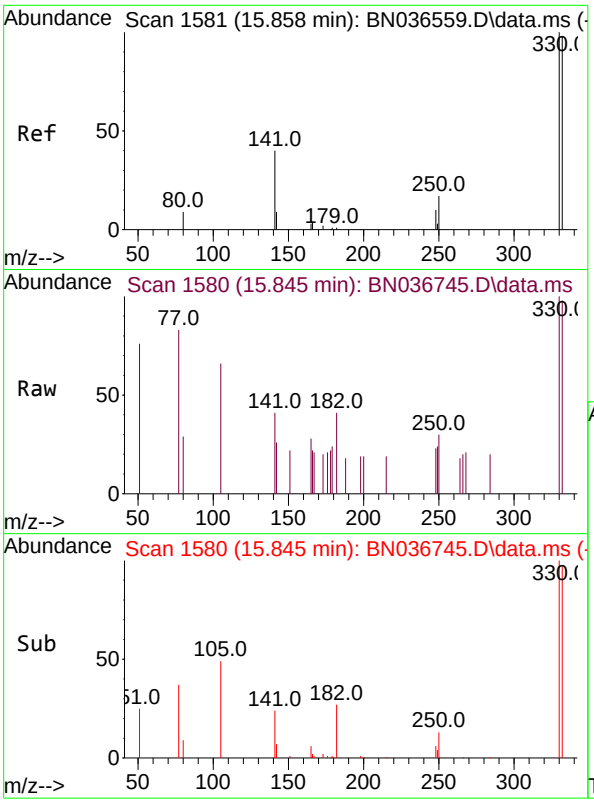


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion:164 Resp: 2547

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.2	126.2
160	53.7	42.2	63.2



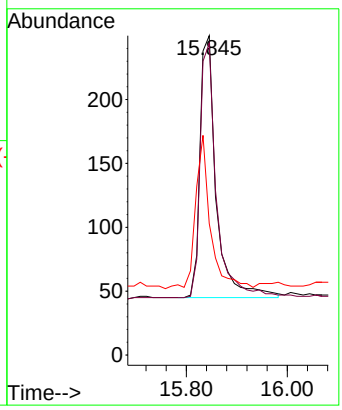


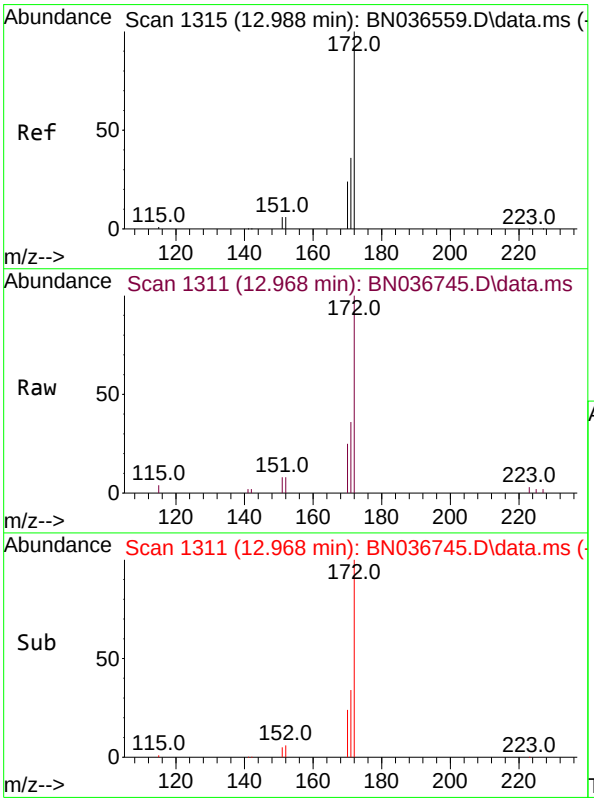
#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.2	112.8
141	53.4	43.4	65.2

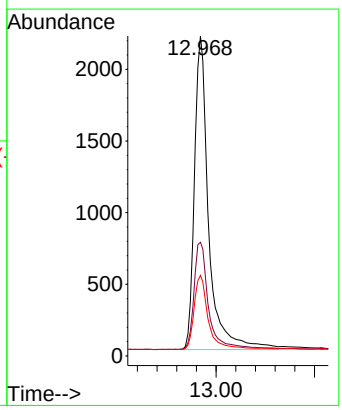


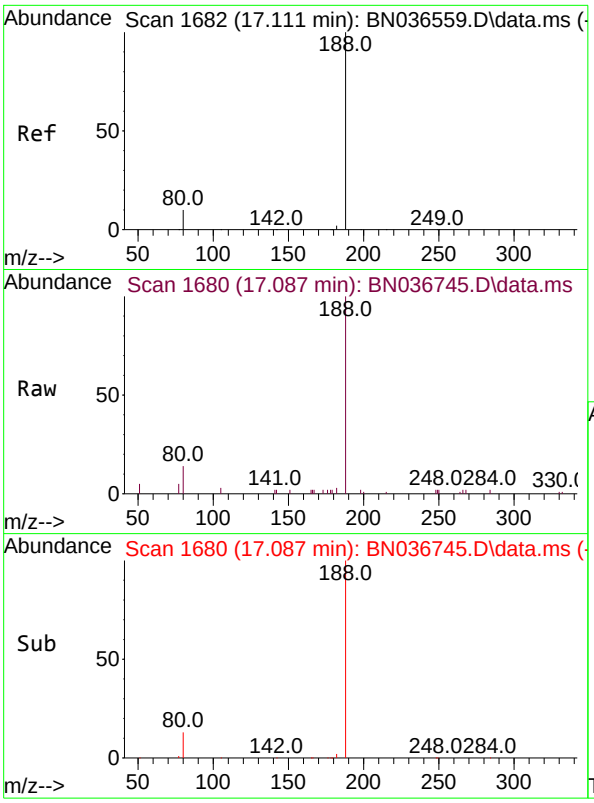


#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion:172 Resp: 5964

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	25.2	20.2	30.4



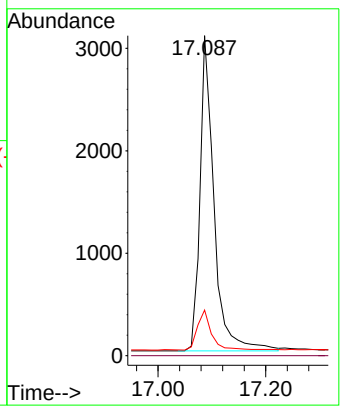


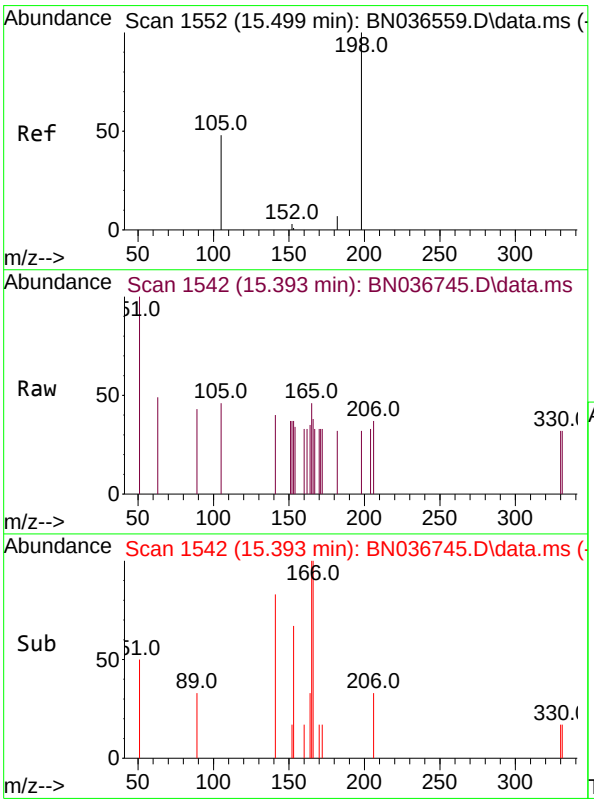
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:188 Resp: 5581

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	8.8	13.2#

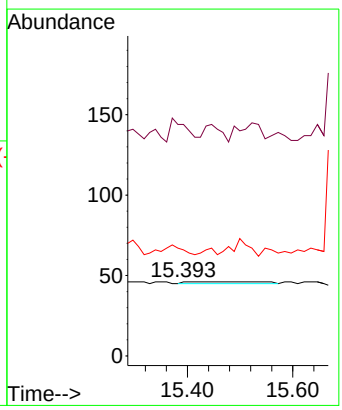


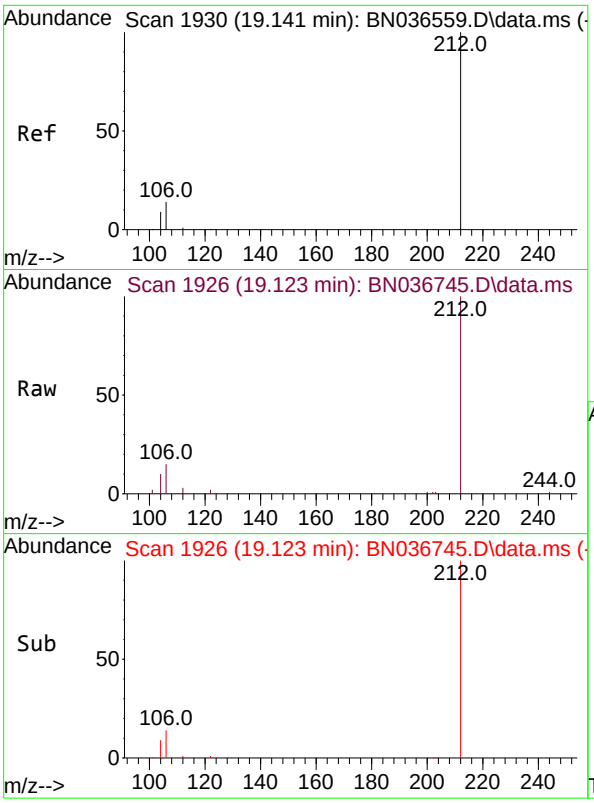


#20
4,6-Dinitro-2-methylphenol
Concen: 0.153 ng
RT: 15.393 min Scan# 1542
Delta R.T. -0.106 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
51	313.0	107.9	161.9#
105	143.5	56.2	84.2#



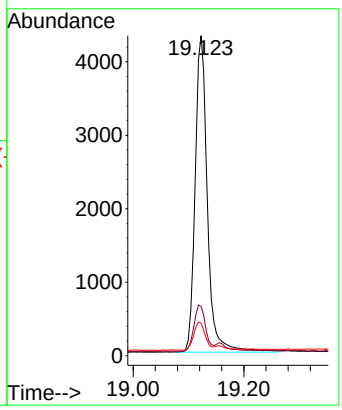


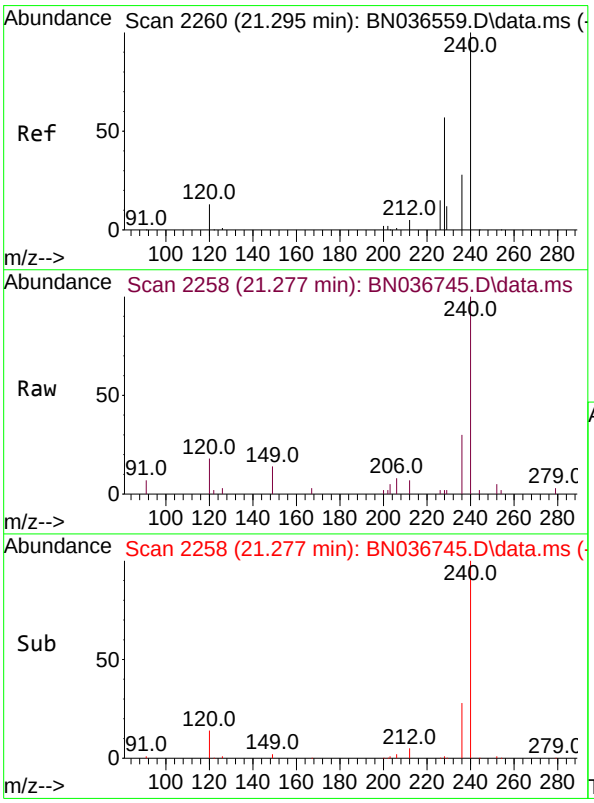
#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:212 Resp: 6637

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.8	17.6
104	8.5	7.3	10.9

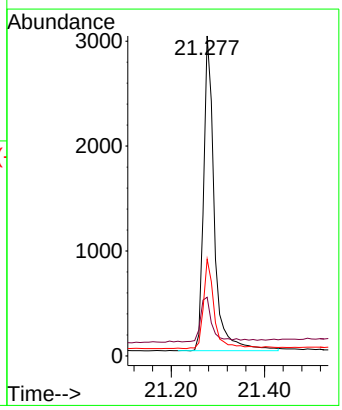


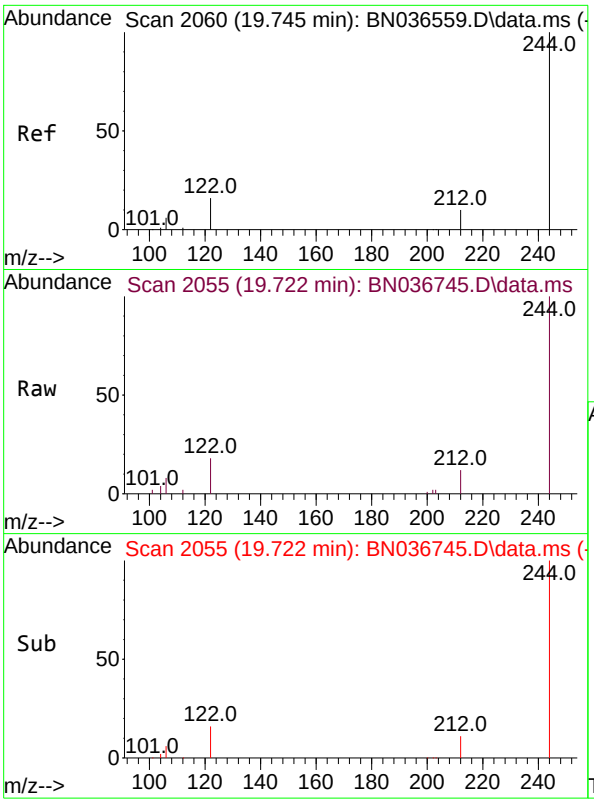


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion:240 Resp: 4807

Ion	Ratio	Lower	Upper
240	100		
120	18.4	14.6	22.0
236	30.2	24.1	36.1



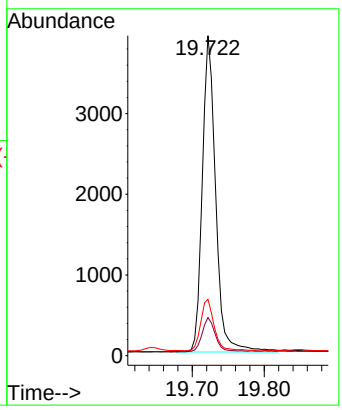


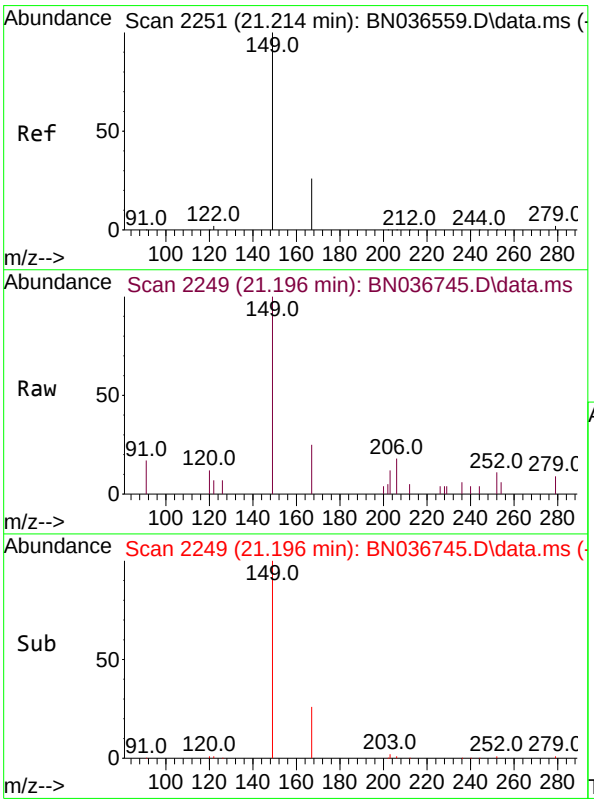
#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:244 Resp: 5052

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.6	14.4
122	17.7	13.9	20.9

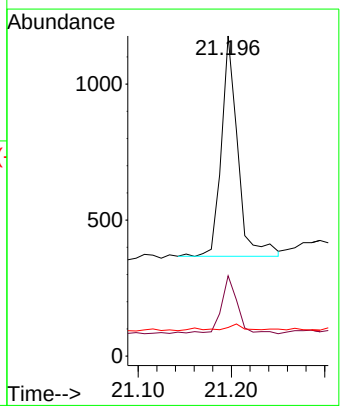


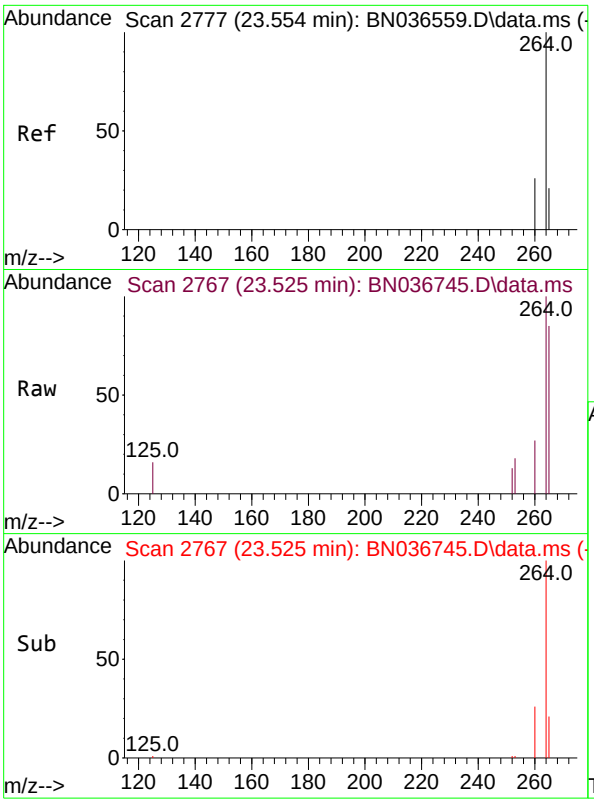


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Tgt Ion:149 Resp: 983

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.7	31.1
279	2.0	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2
Delta R.T. -0.029 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion:264 Resp: 4214

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.6	33.8
265	85.3	88.1	132.1#