Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036685.D
Acq On : 18 Mar 2025 10:34
Operator : RC/JU
Sample : Q1582-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 11:02:47 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	7.717	152	1658	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3783	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2382	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4560	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3005	0.400	ng	0.00
35) Perylene-d12	23.543	264	2748	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	123	0.032	ng	0.00
5) Phenol-d6	6.894	99	100	0.021	ng	0.00
8) Nitrobenzene-d5	8.886	82	261	0.063	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	334	0.059	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	83	0.077	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	759	0.055	ng	0.00
27) Fluoranthene-d10	19.136	212	1076	0.092	ng	0.00
31) Terphenyl-d14	19.736	244	920	0.128	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	3545	1.927	ng	93
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	517	0.069	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
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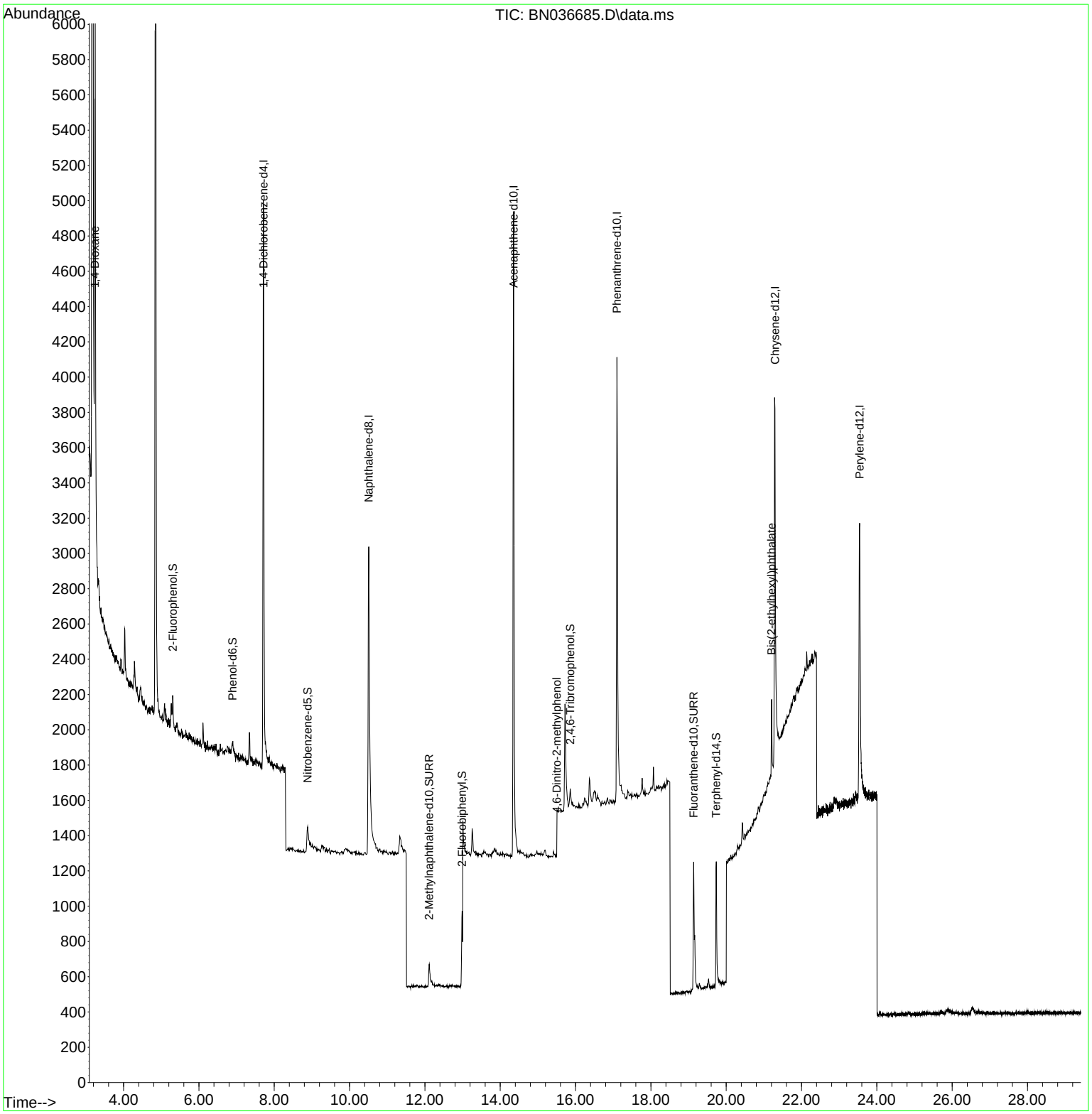
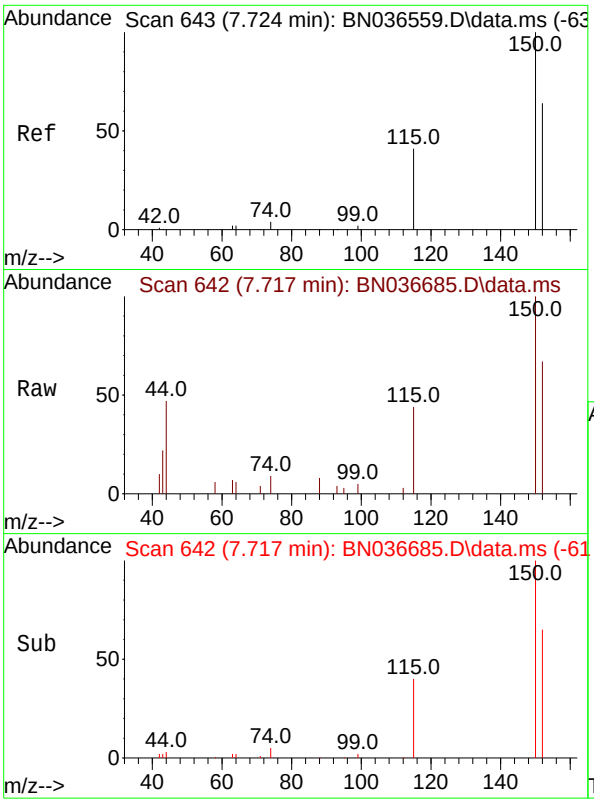


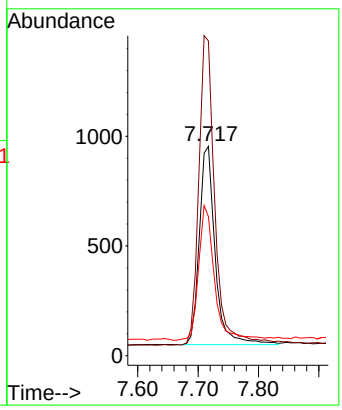


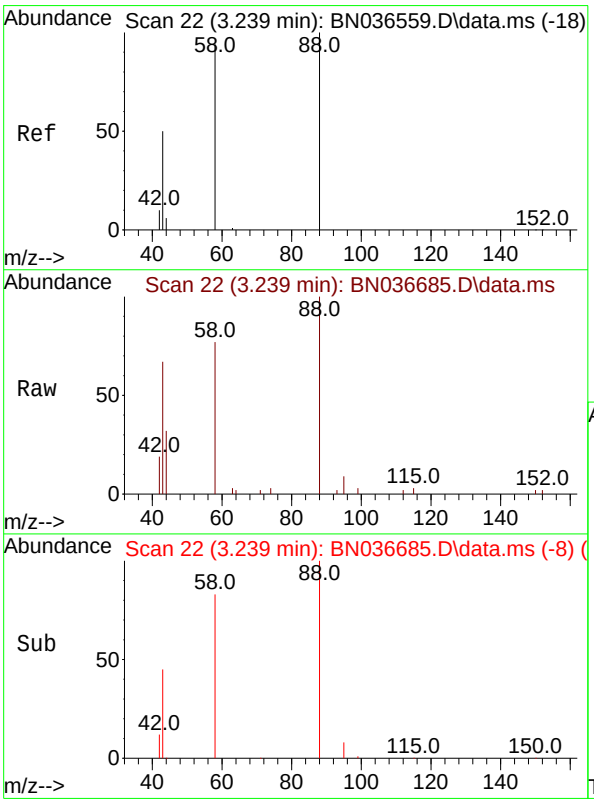
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1658

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.7	185.5
115	66.4	54.3	81.5

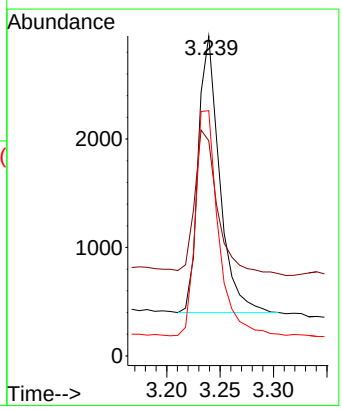


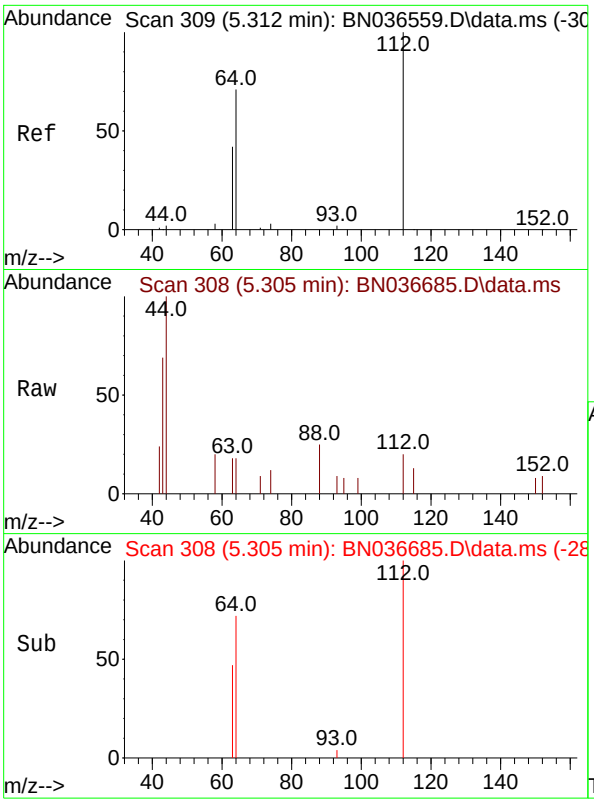


#2
1,4-Dioxane
Concen: 1.927 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion: 88 Resp: 3545

Ion	Ratio	Lower	Upper
88	100		
43	54.6	37.8	56.8
58	88.0	67.4	101.2



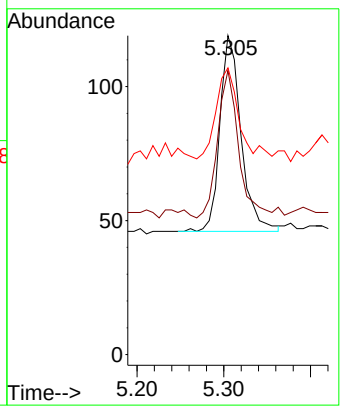


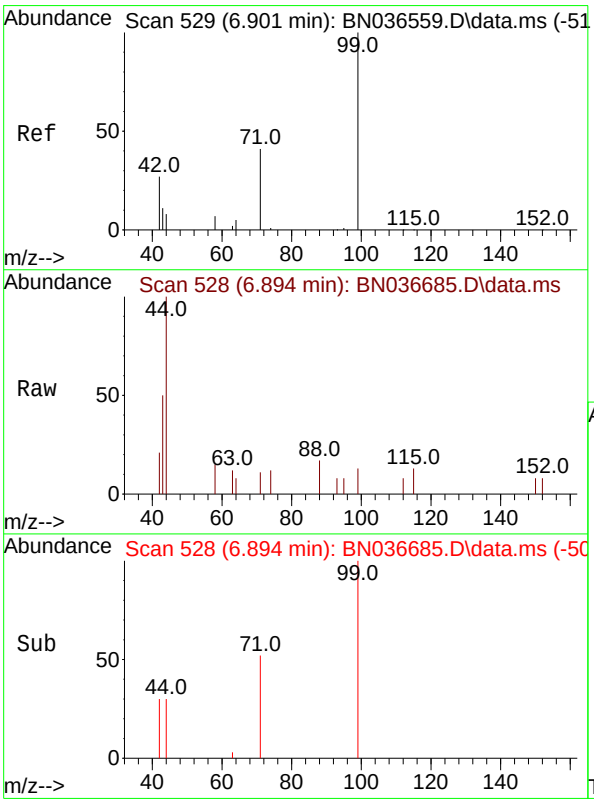
#4
2-Fluorophenol
Concen: 0.032 ng
RT: 5.305 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 123

Ion	Ratio	Lower	Upper
112	100		
64	76.4	53.1	79.7
63	58.5	31.8	47.8#

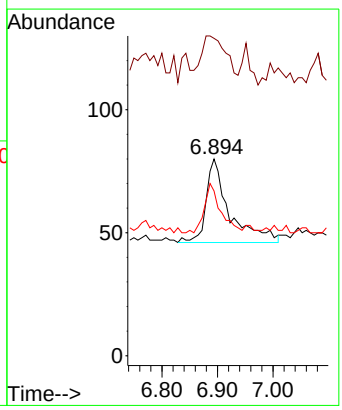


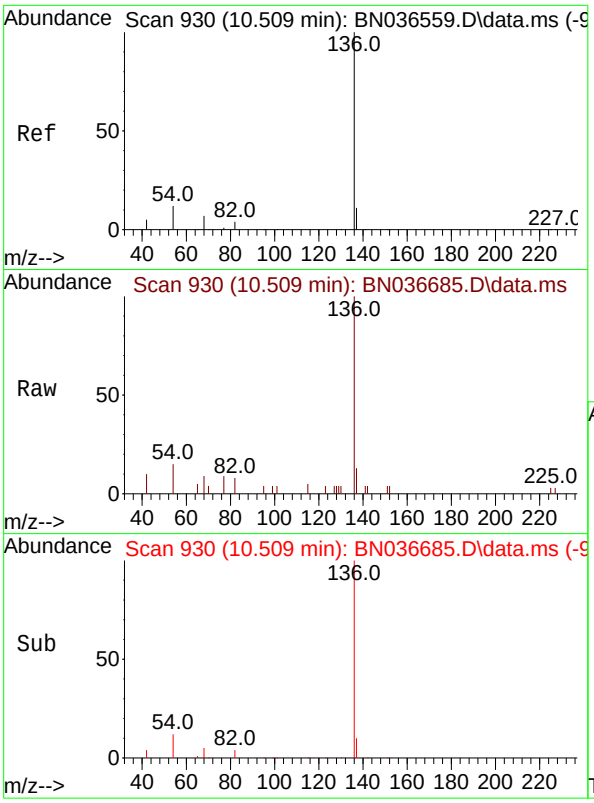


#5
Phenol-d6
Concen: 0.021 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion: 99 Resp: 100

Ion	Ratio	Lower	Upper
99	100		
42	49.0	26.5	39.7#
71	44.0	34.1	51.1



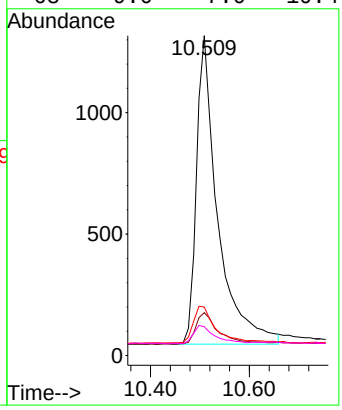


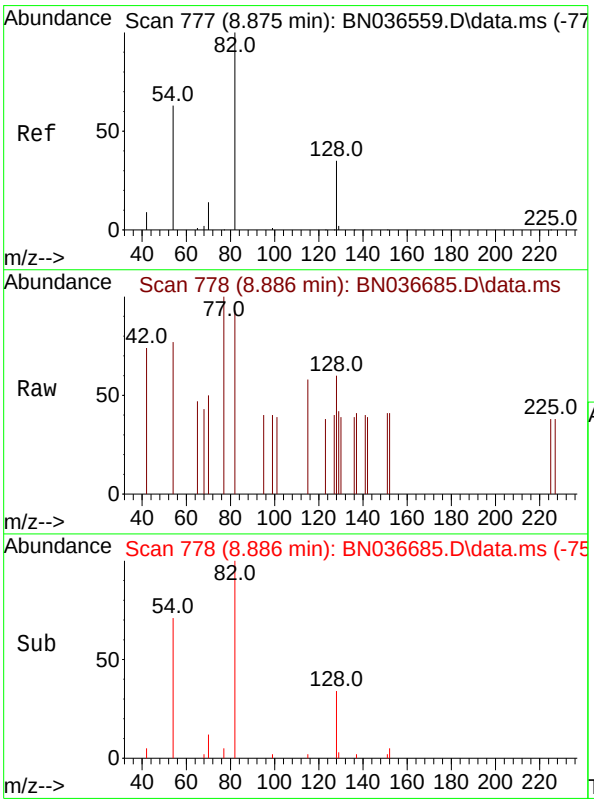
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3783

Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	15.2	11.5	17.3
68	9.0	7.0	10.4

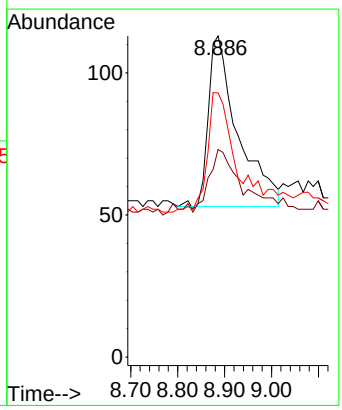


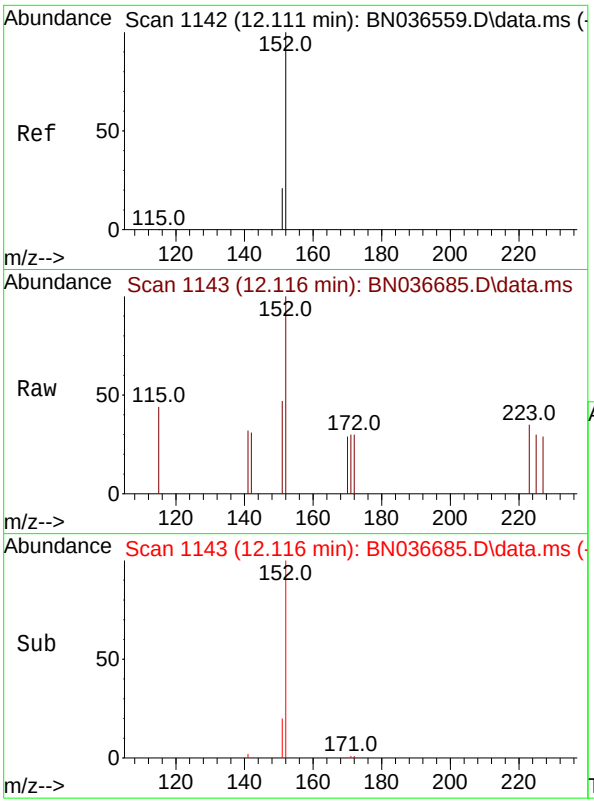


#8
Nitrobenzene-d5
Concen: 0.063 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion: 82 Resp: 261

Ion	Ratio	Lower	Upper
82	100		
128	64.6	30.6	45.8#
54	82.3	52.2	78.4#



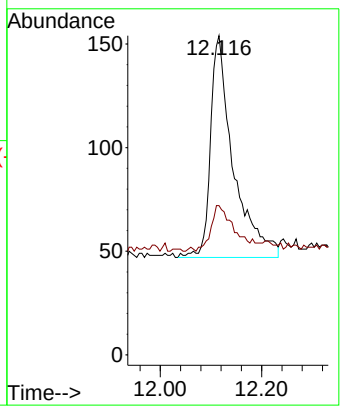


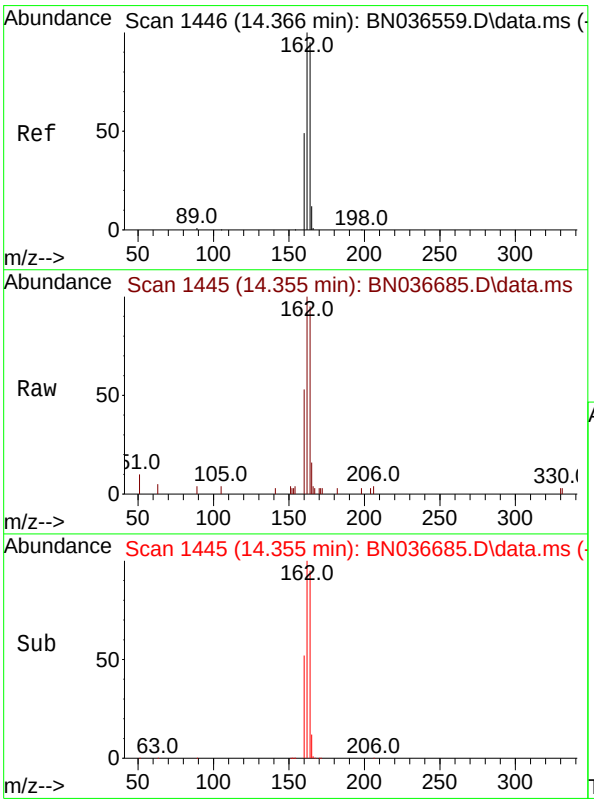
#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.116 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 334

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6

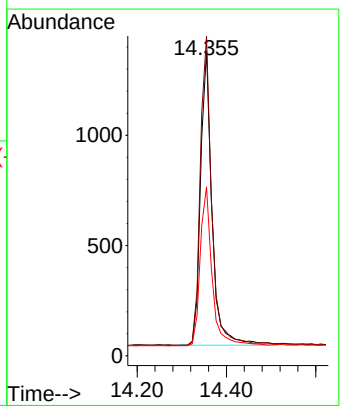


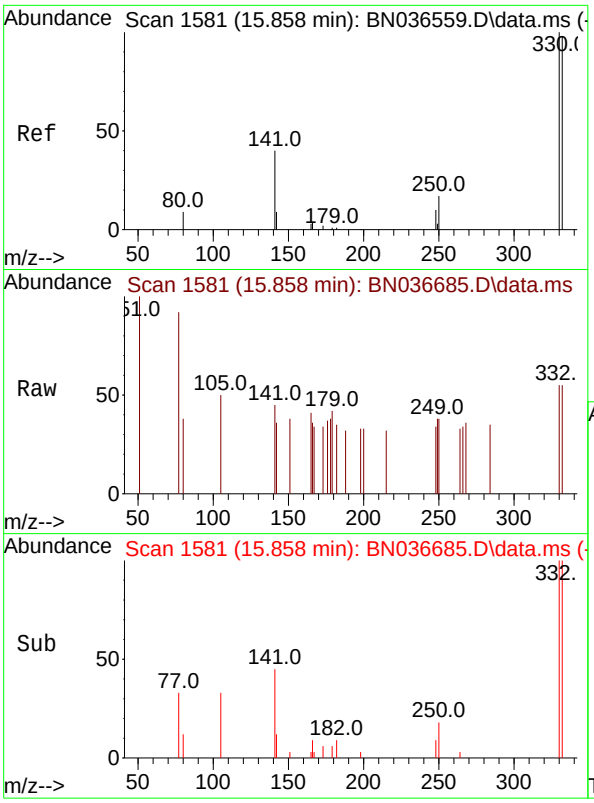


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:164 Resp: 2382

Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.2	126.2
160	55.4	42.2	63.2



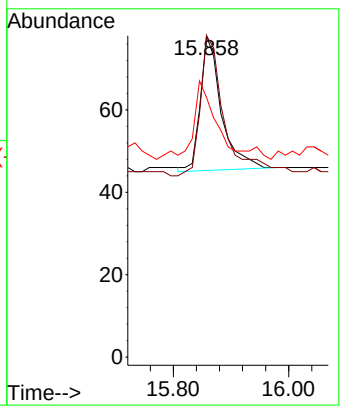


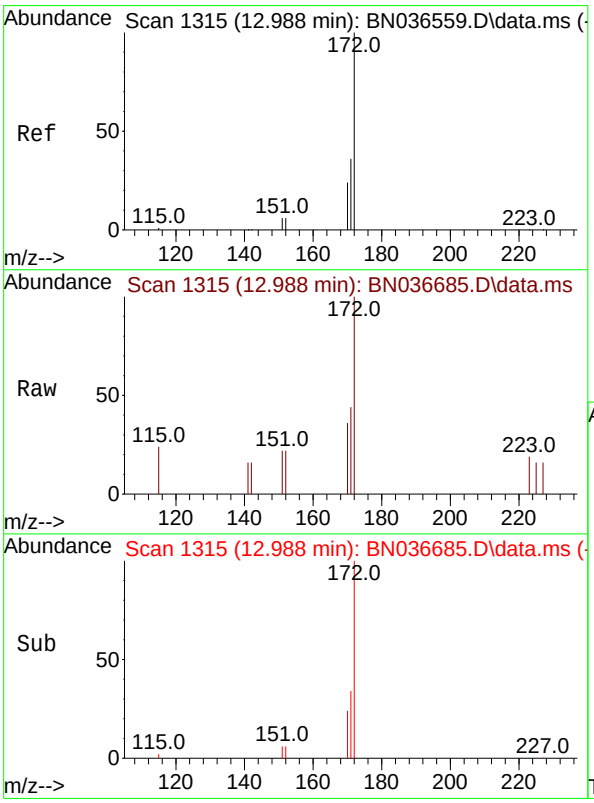
#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 83

Ion	Ratio	Lower	Upper
330	100		
332	119.3	75.2	112.8#
141	61.4	43.4	65.2

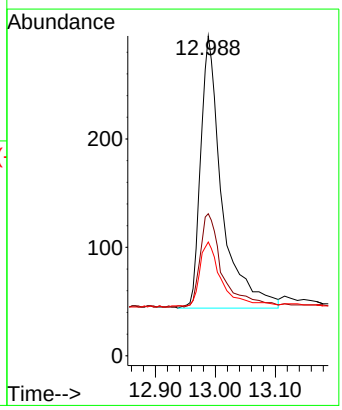


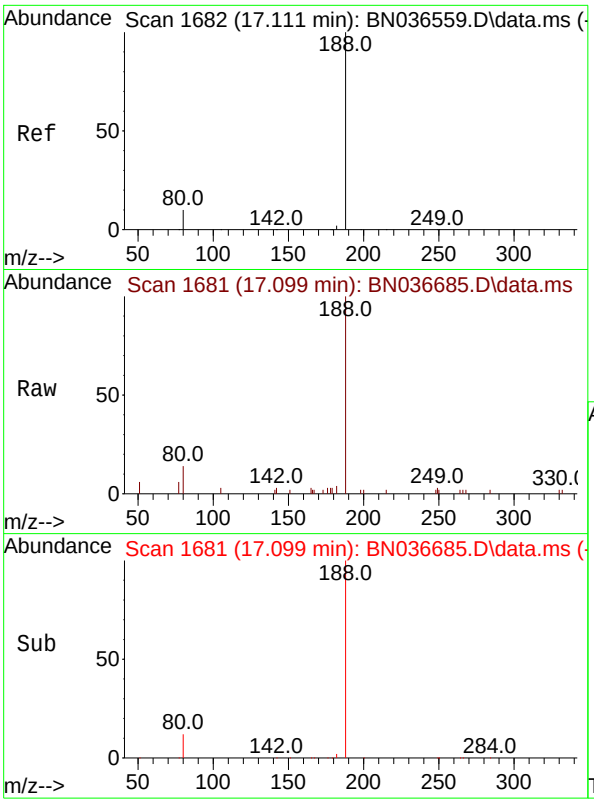


#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:172 Resp: 759

Ion	Ratio	Lower	Upper
172	100		
171	44.4	29.5	44.3#
170	35.6	20.2	30.4#



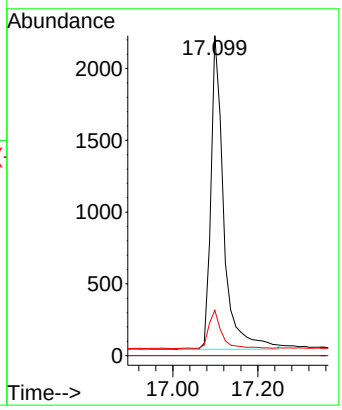


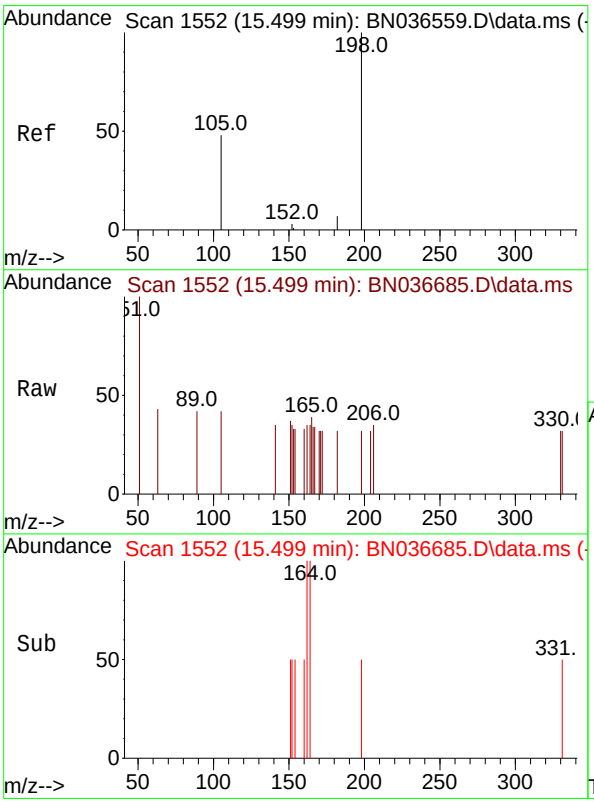
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4560

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

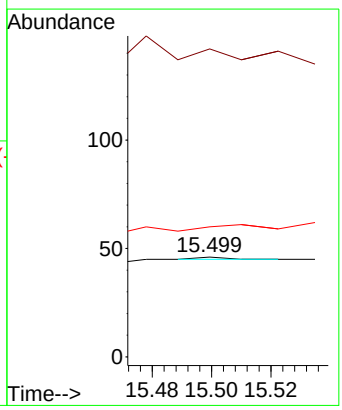


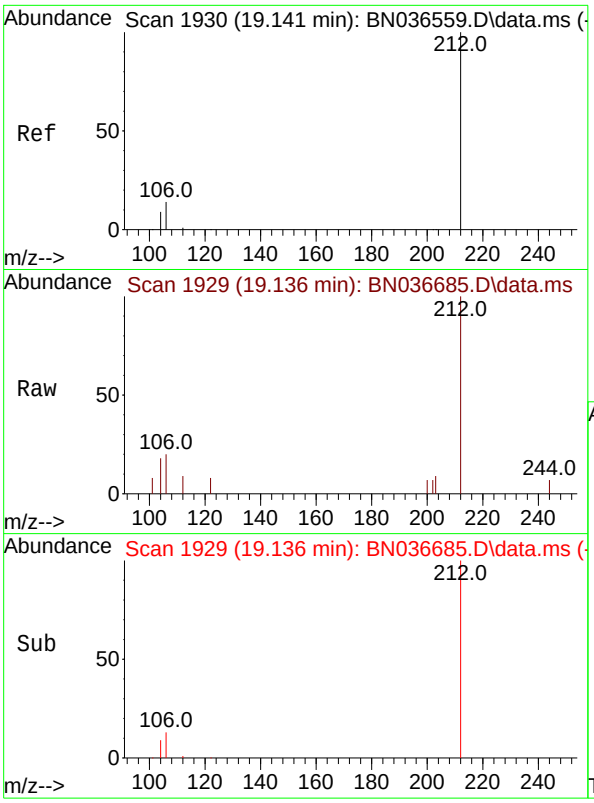


#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	308.7	107.9	161.9#
105	130.4	56.2	84.2#



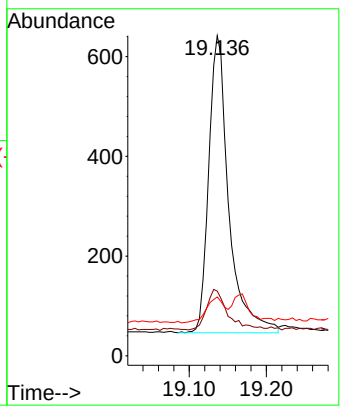


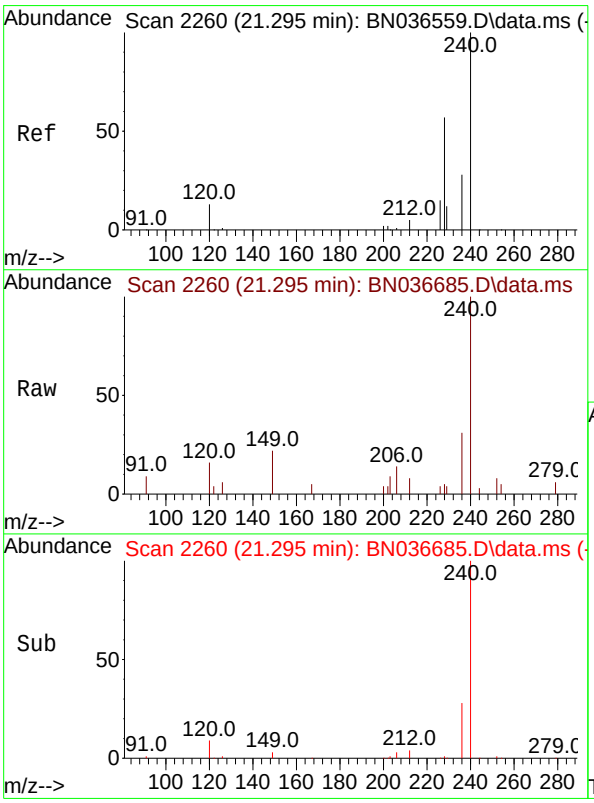
#27
Fluoranthene-d10
Concen: 0.092 ng
RT: 19.136 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1076

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.8	17.6
104	8.0	7.3	10.9

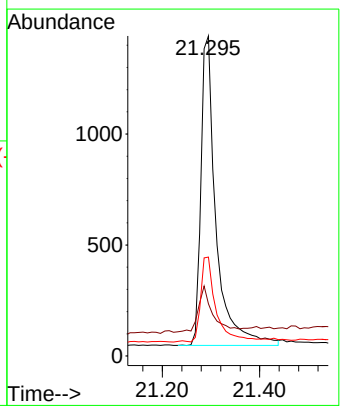


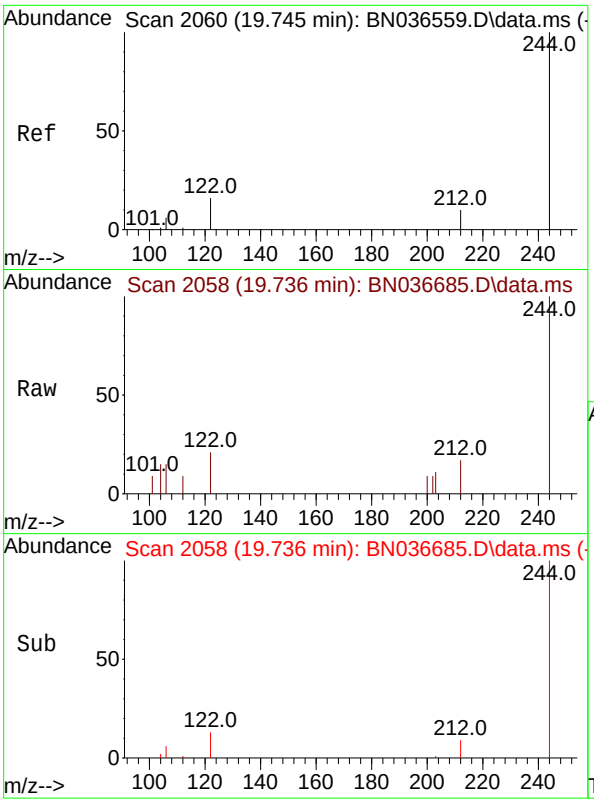


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:240 Resp: 3005

Ion	Ratio	Lower	Upper
240	100		
120	16.3	14.6	22.0
236	30.9	24.1	36.1



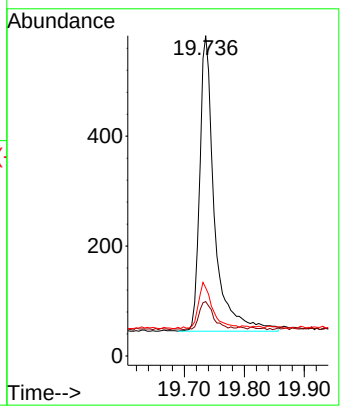


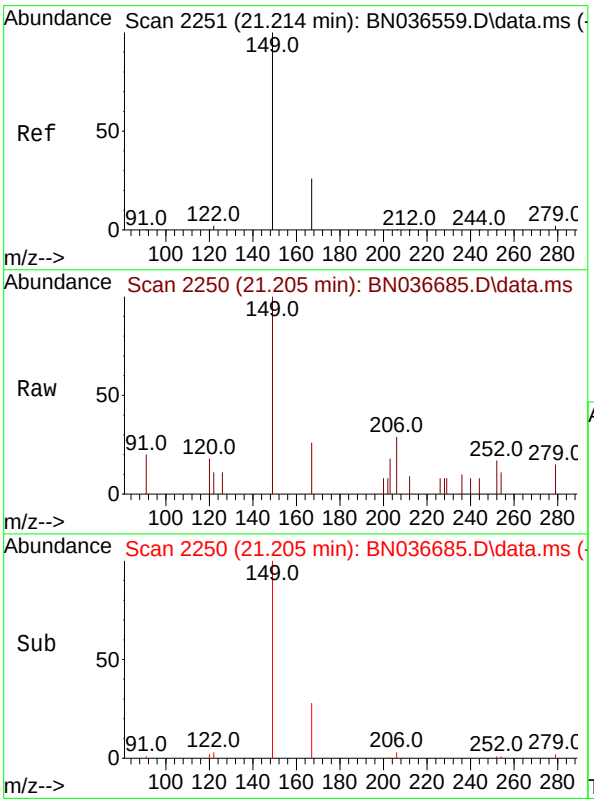
#31
Terphenyl-d14
Concen: 0.128 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 920

Ion	Ratio	Lower	Upper
244	100		
212	17.0	9.6	14.4#
122	21.3	13.9	20.9#

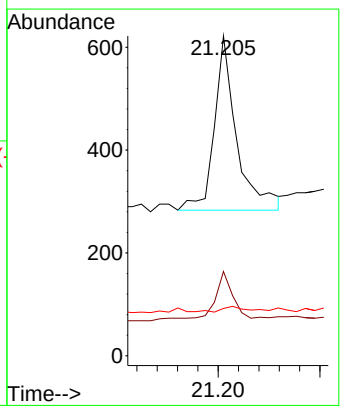


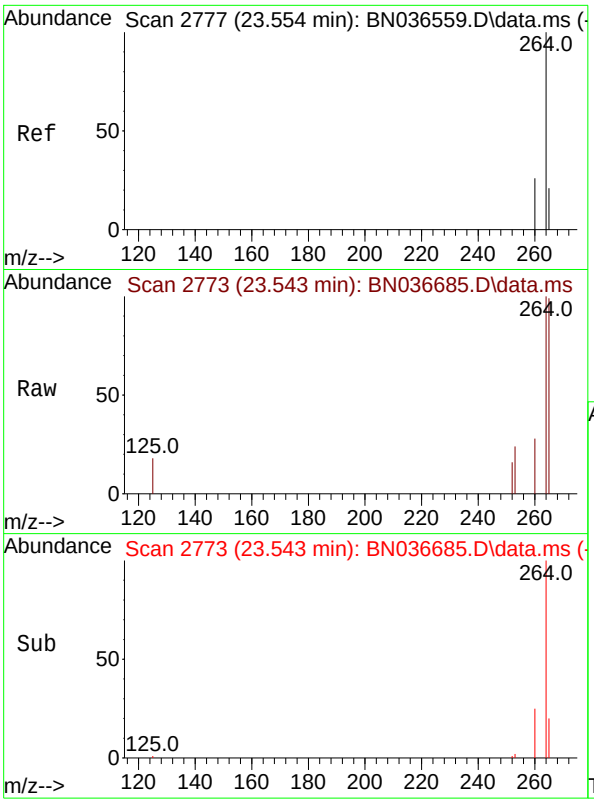


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Tgt Ion:149 Resp: 517

Ion	Ratio	Lower	Upper
149	100		
167	19.3	20.7	31.1#
279	2.5	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN036685.D
Acq: 18 Mar 2025 10:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 2748

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.6	33.8
265	98.9	88.1	132.1