Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035805.D
Acq On : 24 Dec 2024 04:47
Operator : RC/JU
Sample : P5284-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Quant Time: Dec 24 05:31:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.265	152	3703	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8793	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	5556	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10032	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7300	0.400	ng	# 0.00
35) Perylene-d12	23.035	264	6598	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1185	0.128	ng	0.00
5) Phenol-d6	6.484	99	673	0.060	ng	0.00
8) Nitrobenzene-d5	8.408	82	2771	0.516	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	5575	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	790	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.534	172	8878	0.423	ng	-0.01
27) Fluoranthene-d10	18.752	212	13011	0.458	ng	0.00
31) Terphenyl-d14	19.379	244	9765	0.678	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	34090	9.630	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	501	0.053	ng	# 82
34) Bis(2-ethylhexyl)phtha...	20.902	149	858	0.085	ng	# 95

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

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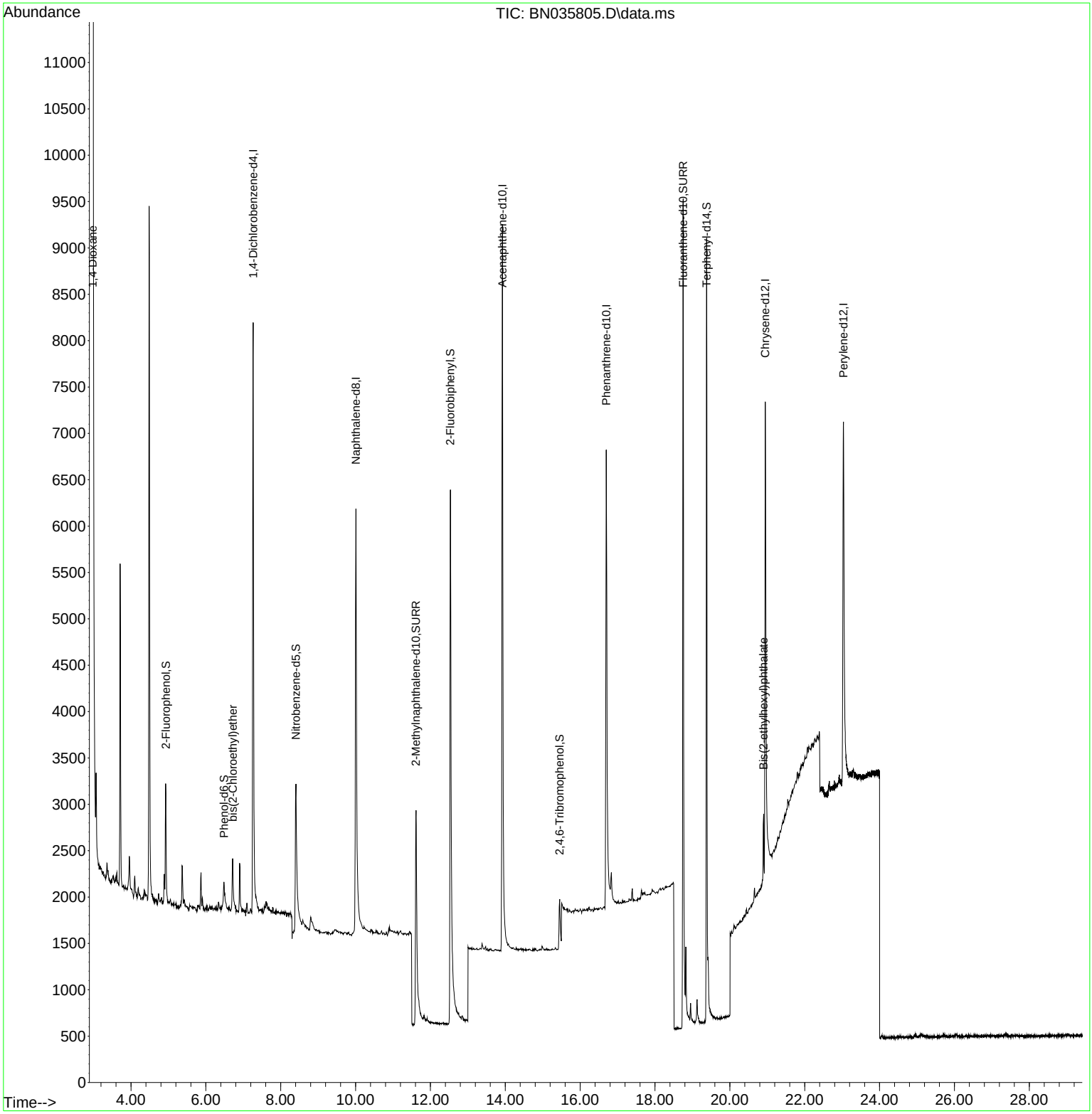
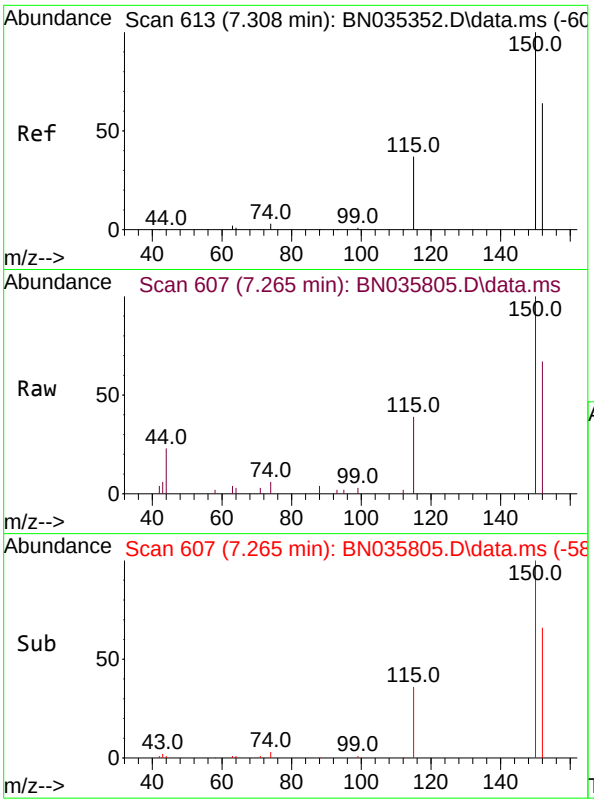


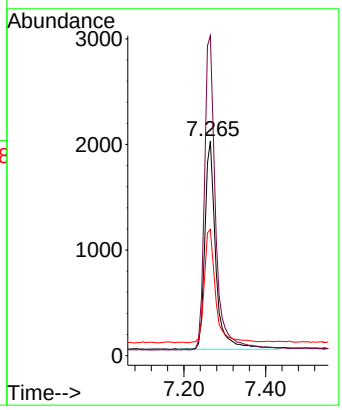


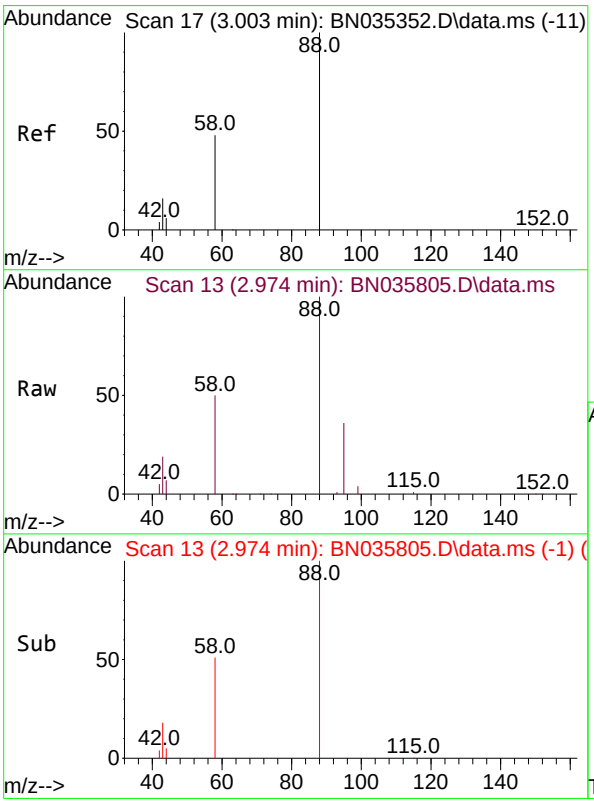
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.265 min Scan# 6(
Delta R.T. -0.008 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:152 Resp: 3703

Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.0	186.0
115	58.8	49.6	74.4

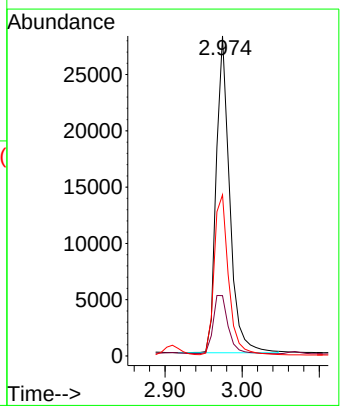


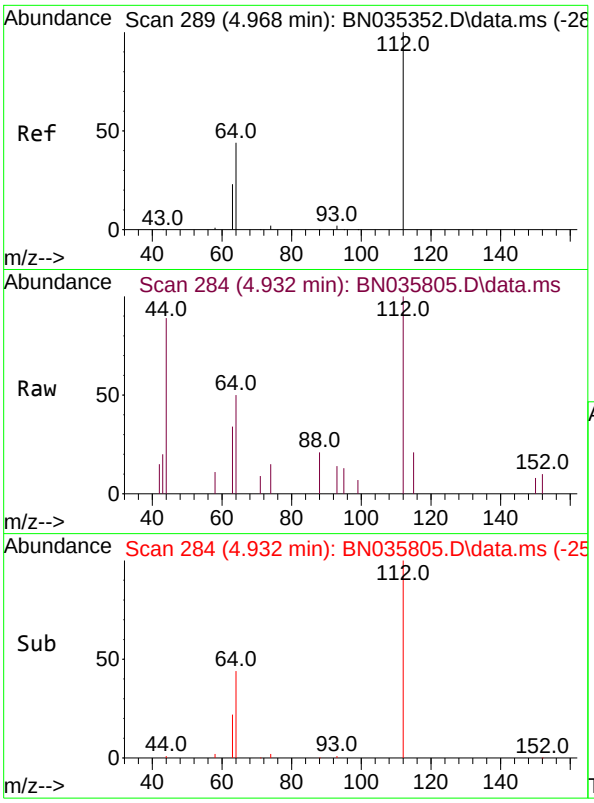


#2
1,4-Dioxane
Concen: 9.630 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion: 88 Resp: 34090

Ion	Ratio	Lower	Upper
88	100		
43	20.5	17.2	25.8
58	53.7	44.5	66.7



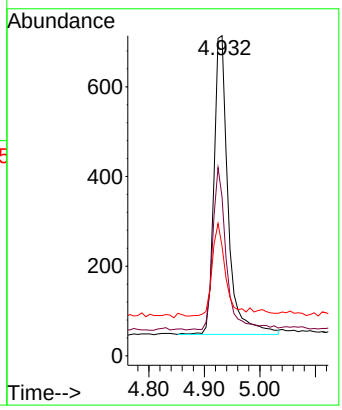


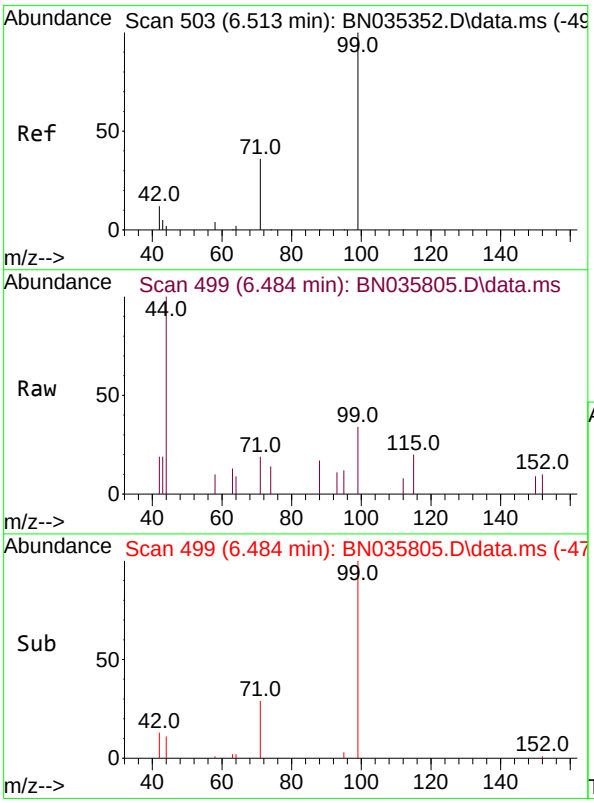
#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.932 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:112 Resp: 1185

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.8	59.8
63	28.9	21.0	31.6

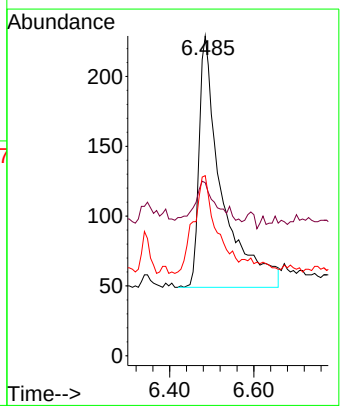


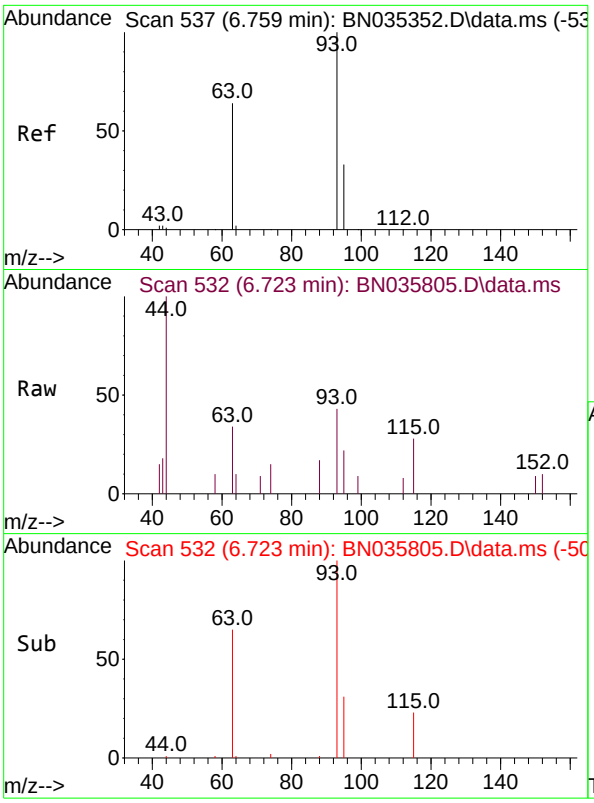


#5
Phenol-d6
Concen: 0.060 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion: 99 Resp: 673

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.4	17.2
71	39.4	29.3	43.9



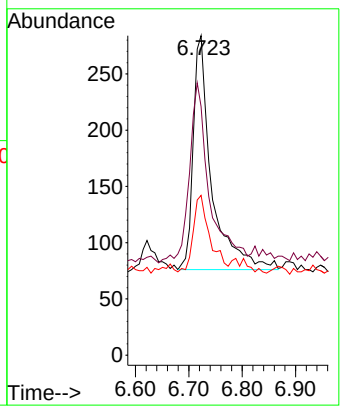


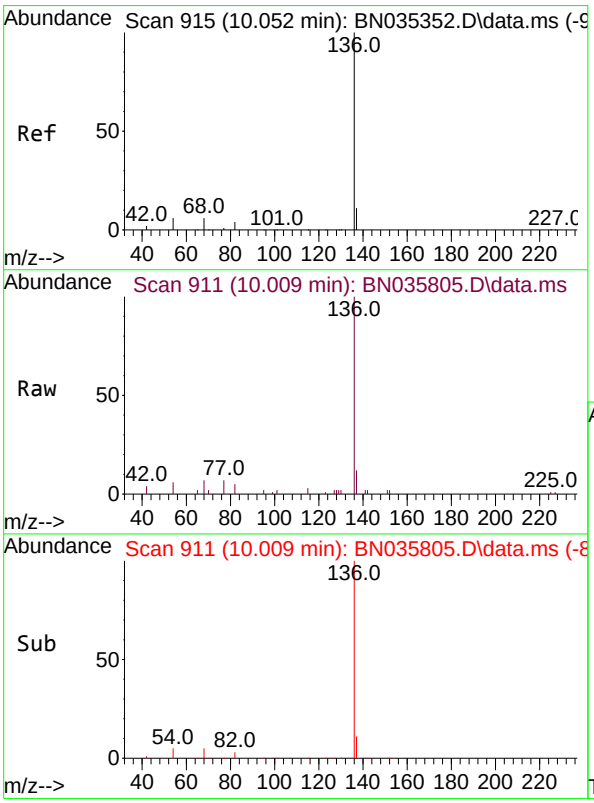
#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 6.723 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion: 93 Resp: 501

Ion	Ratio	Lower	Upper
93	100		
63	83.2	50.4	75.6#
95	30.9	25.7	38.5

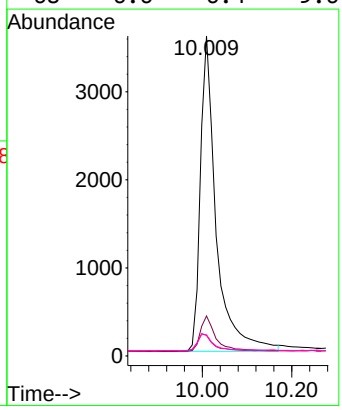


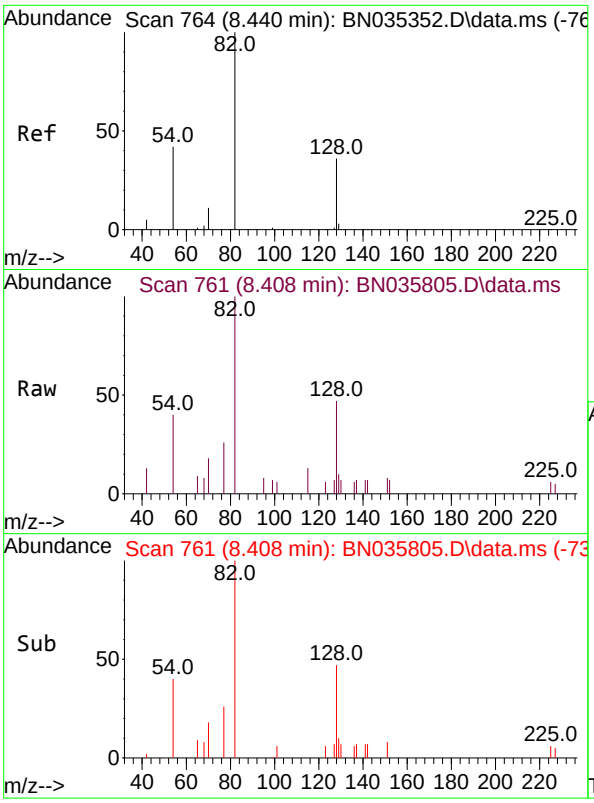


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:136 Resp: 8793

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	6.4	6.1	9.1
68	6.6	6.4	9.6



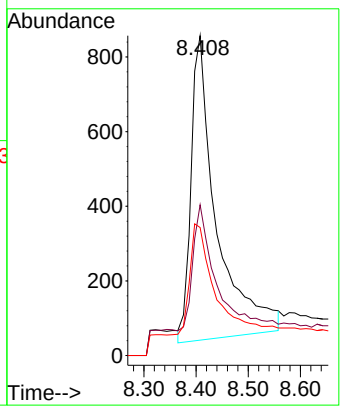


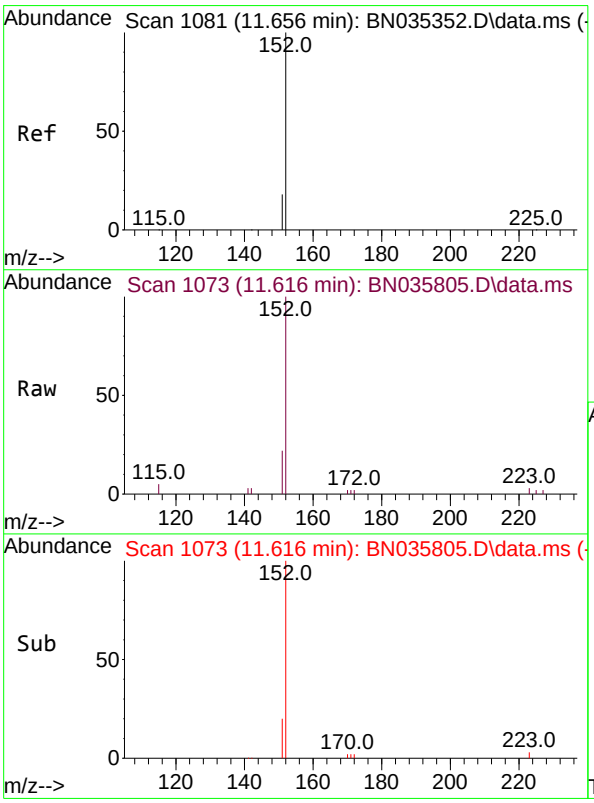
#8
Nitrobenzene-d5
Concen: 0.516 ng
RT: 8.408 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion: 82 Resp: 2771

Ion	Ratio	Lower	Upper
82	100		
128	47.1	33.4	50.0
54	40.0	36.7	55.1

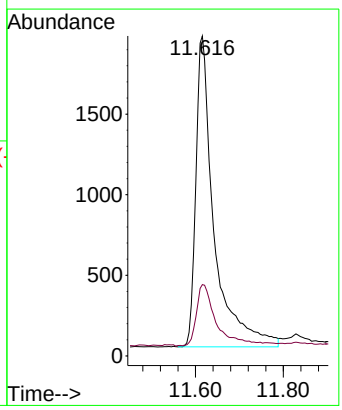


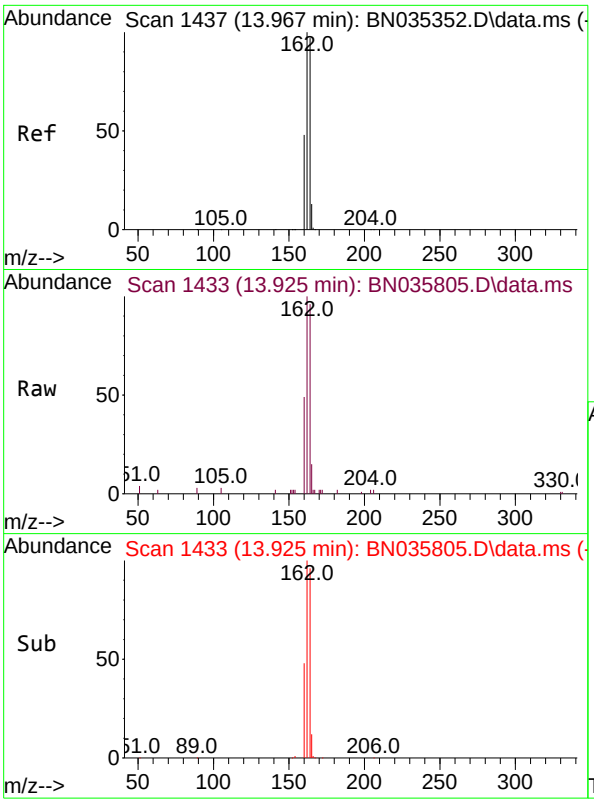


#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:152 Resp: 5575

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.6	25.0



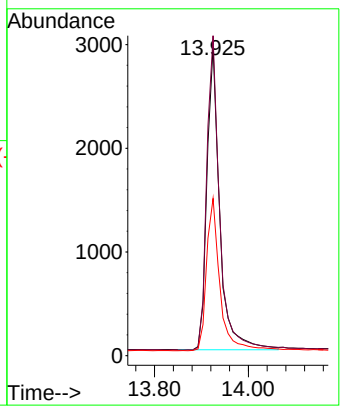


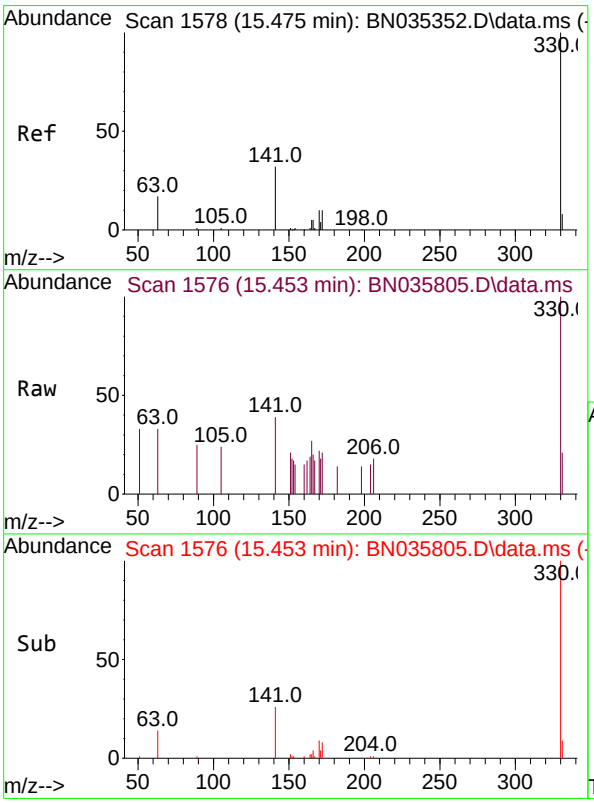
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:164 Resp: 5556

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.2
160	51.0	40.1	60.1

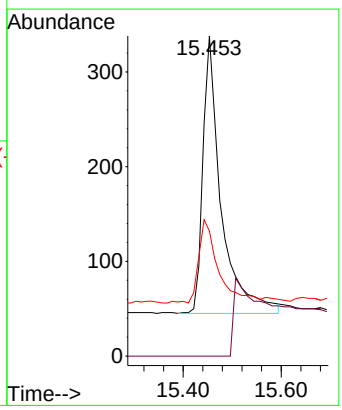


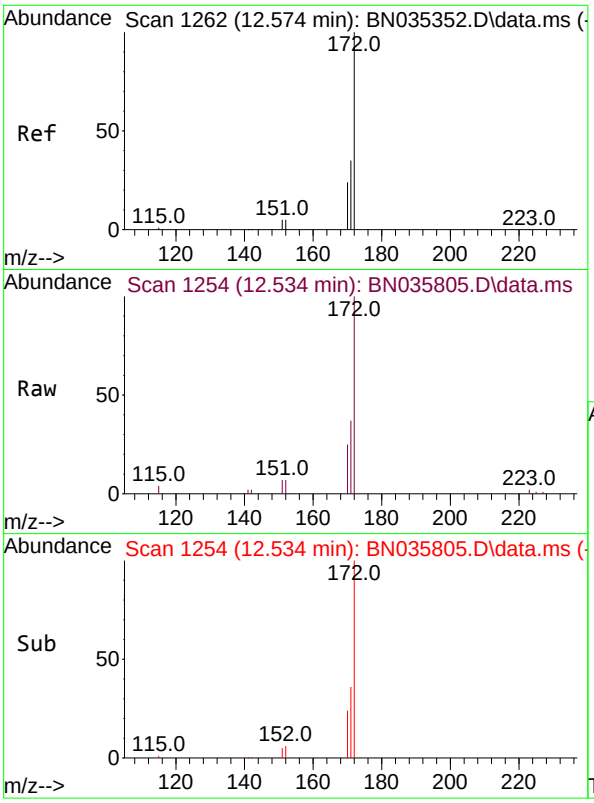


#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:330 Resp: 790

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	26.6	40.0



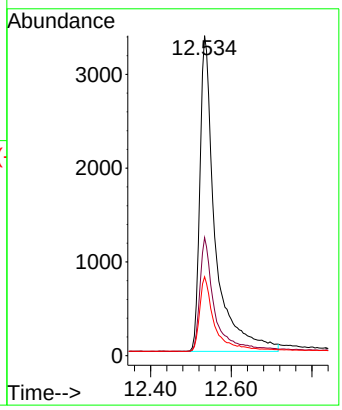


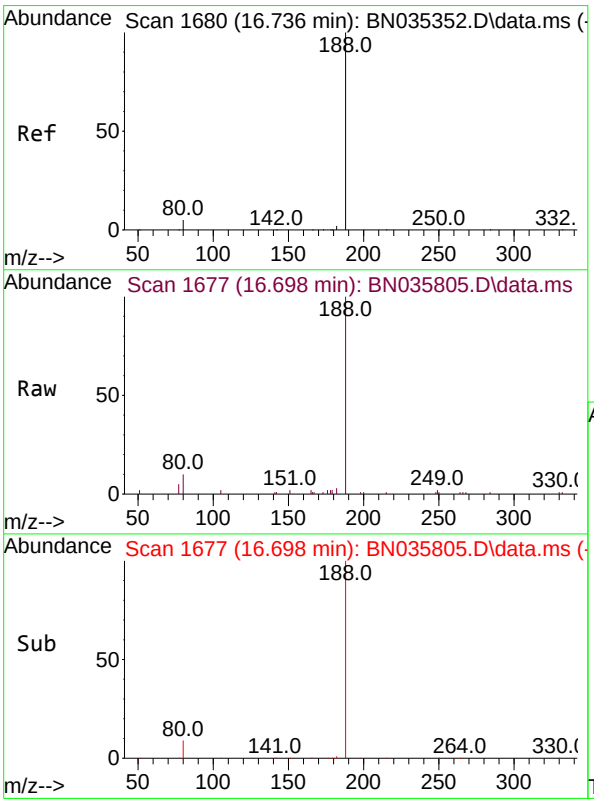
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:172 Resp: 8878

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.6	19.8	29.8

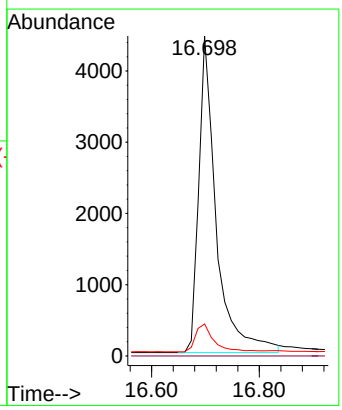


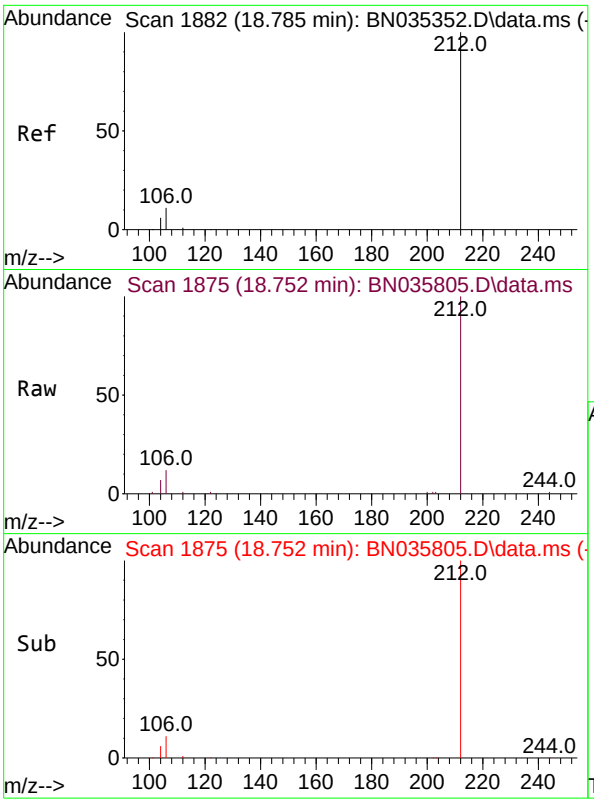


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:188 Resp: 10032

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	4.6	6.8#



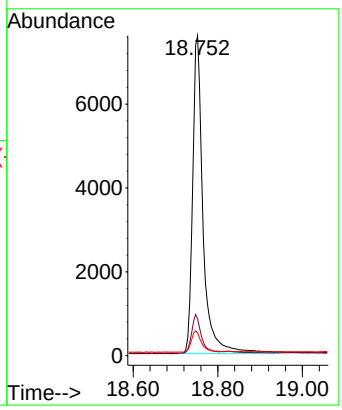


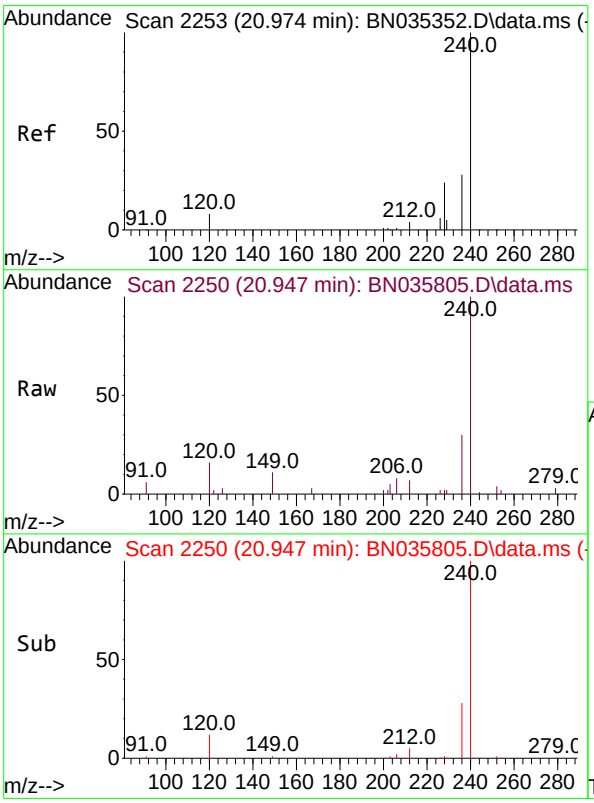
#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 18.752 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:212 Resp: 13011

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.2	13.8
104	6.5	5.3	7.9

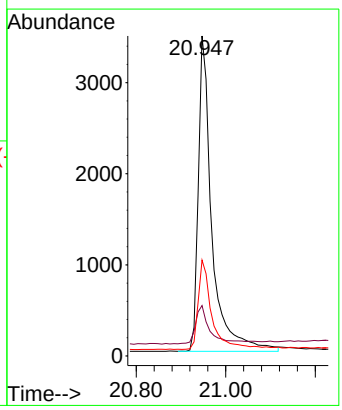


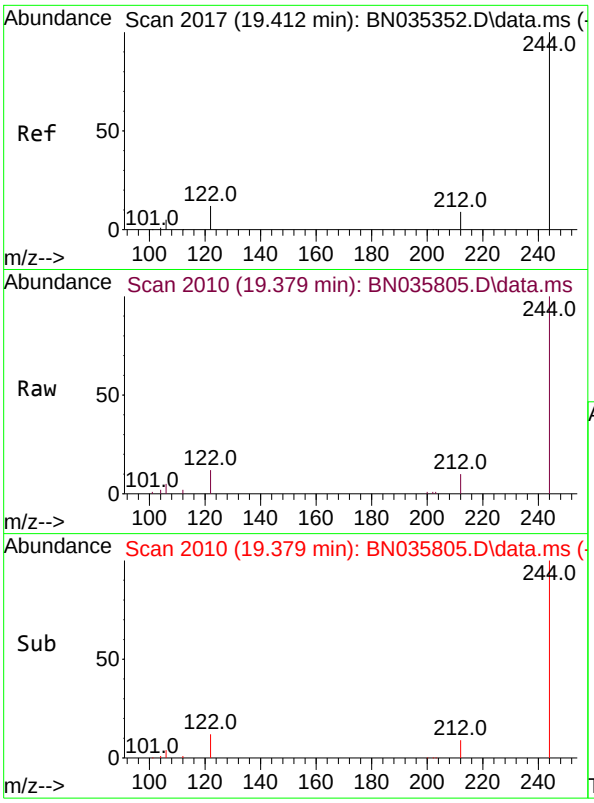


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:240 Resp: 7300

Ion	Ratio	Lower	Upper
240	100		
120	15.7	7.9	11.9#
236	30.0	22.9	34.3



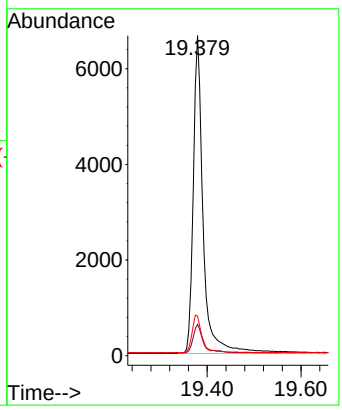


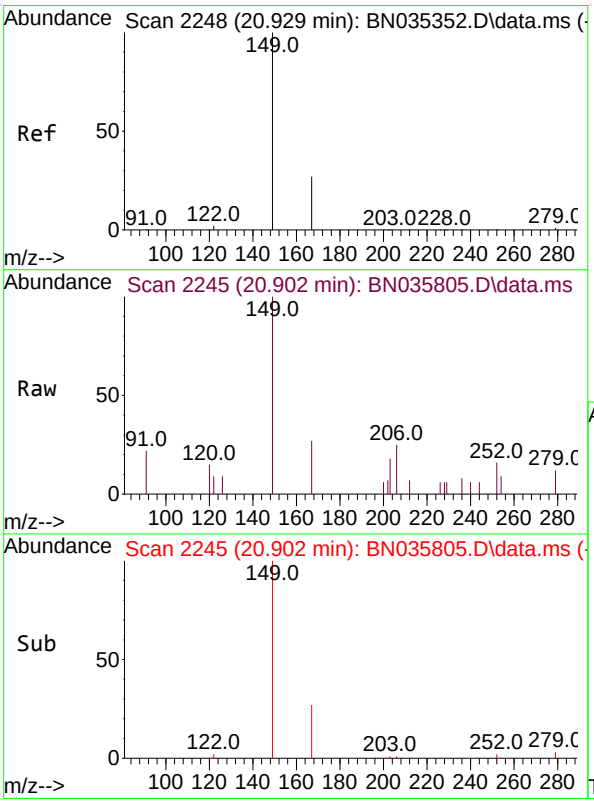
#31
Terphenyl-d14
Concen: 0.678 ng
RT: 19.379 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:244 Resp: 9765

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.1	12.1
122	12.4	10.3	15.5

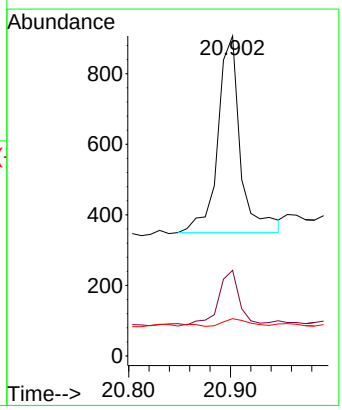


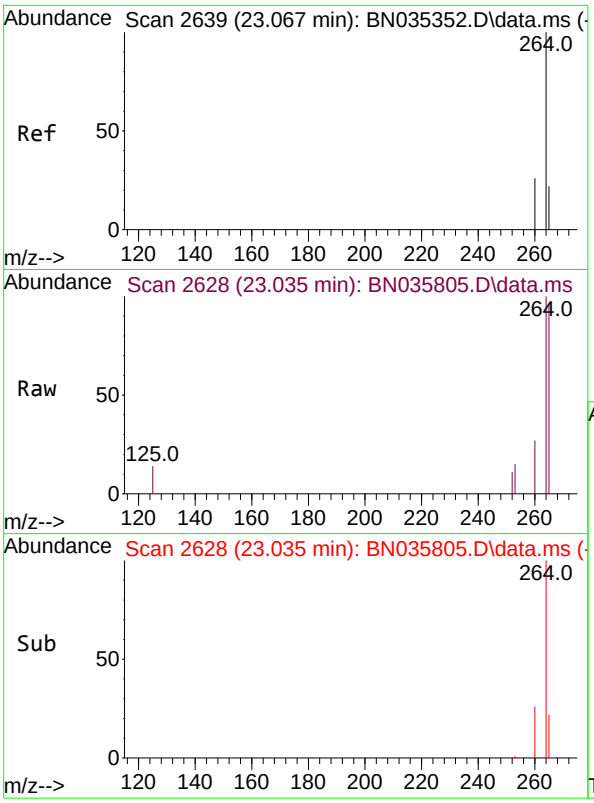


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:149 Resp: 858

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.2	33.4
279	4.4	2.7	4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.035 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion:264 Resp: 6598

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	96.4	40.2	60.4#