Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022975.D
Acq On : 30 Nov 2022 06:32
Operator : CG/JU
Sample : N5729-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Quant Time: Nov 30 07:04:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	5302	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	13808	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	6181	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12051	0.400	ng	0.00
29) Chrysene-d12	21.629	240	7867	0.400	ng	# 0.00
35) Perylene-d12	24.113	264	5653	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1605	0.116	ng	0.00
5) Phenol-d6	7.204	99	1236	0.070	ng	0.00
8) Nitrobenzene-d5	9.217	82	3513	0.328	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6205	0.207	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	728	0.244	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	13061	0.462	ng	0.00
27) Fluoranthene-d10	19.473	212	9183	0.281	ng	0.00
31) Terphenyl-d14	20.062	244	7119	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	1872	0.278	ng	# 88
9) Naphthalene	10.925	128	929	0.022	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.531	149	4877	0.382	ng	96

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

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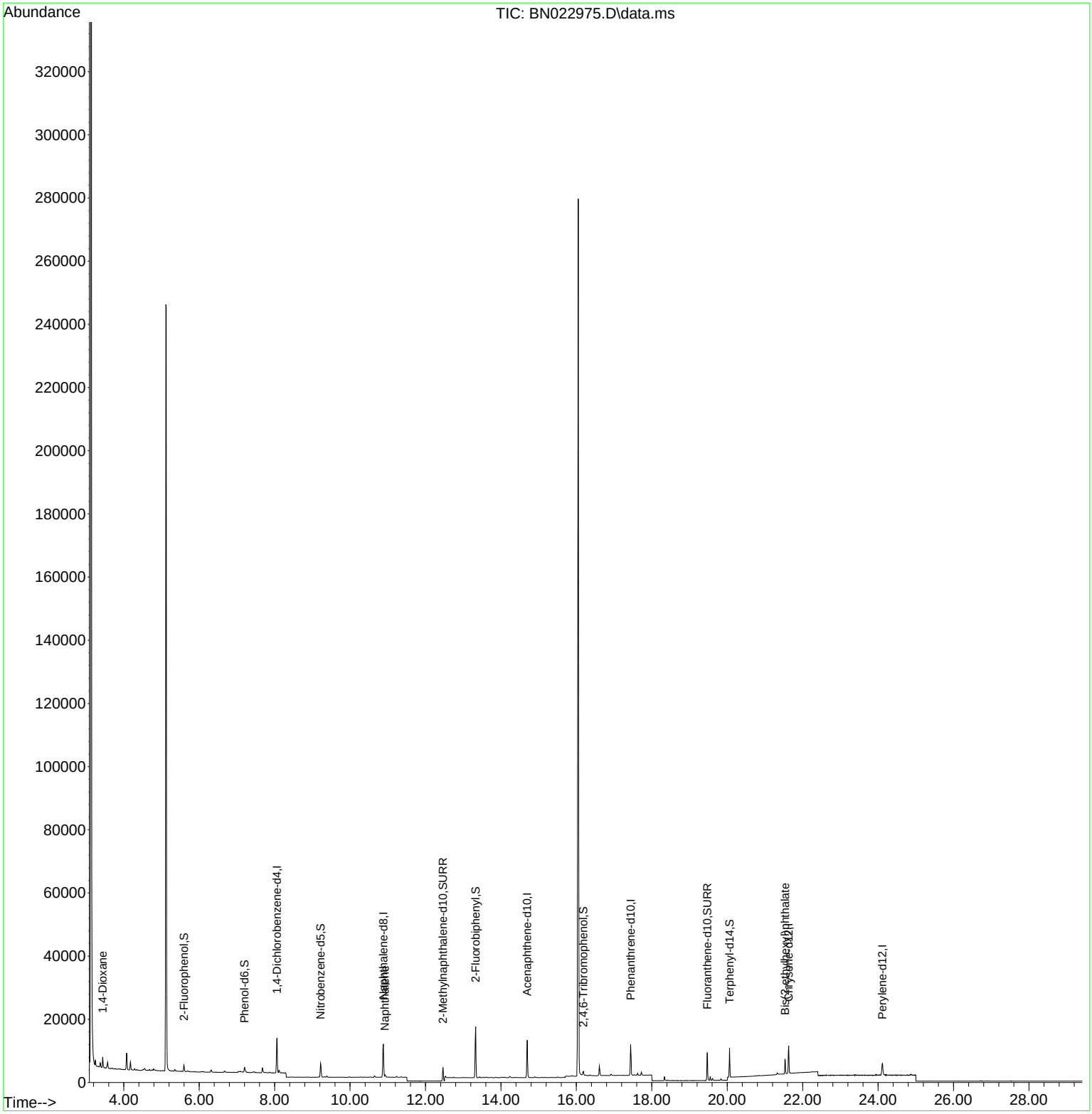
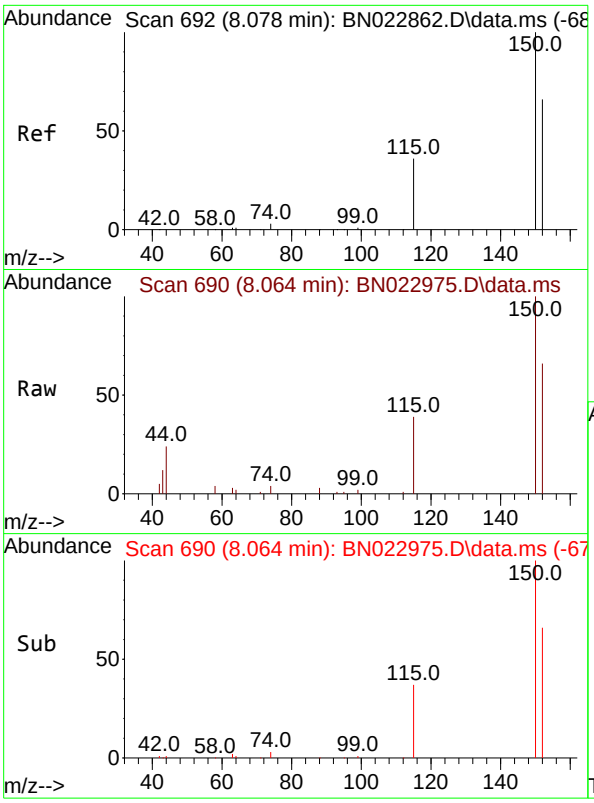


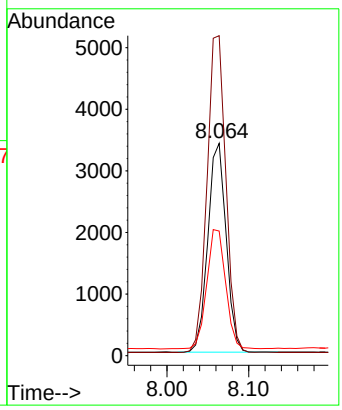


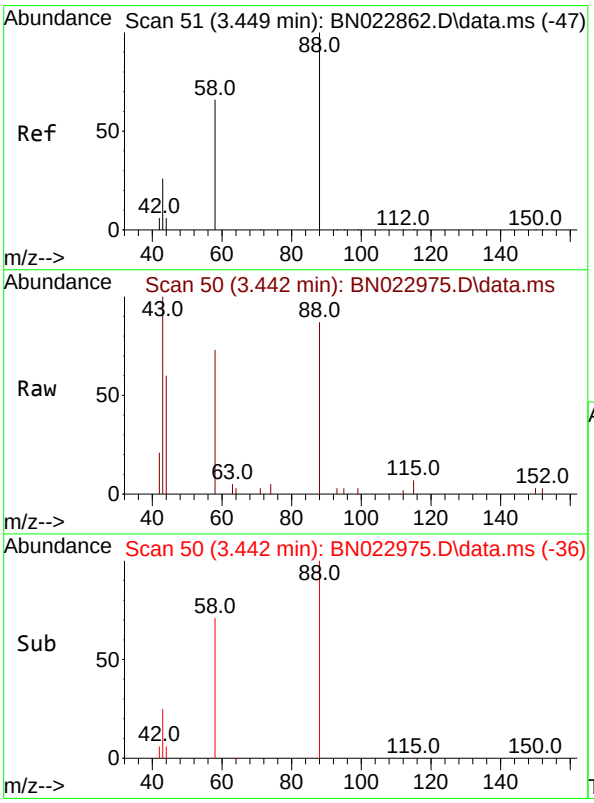
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:152 Resp: 5302

Ion	Ratio	Lower	Upper
152	100		
150	150.7	121.2	181.8
115	58.7	46.2	69.4

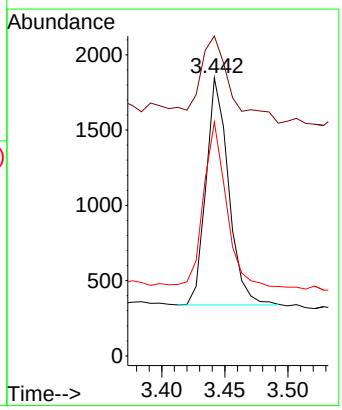


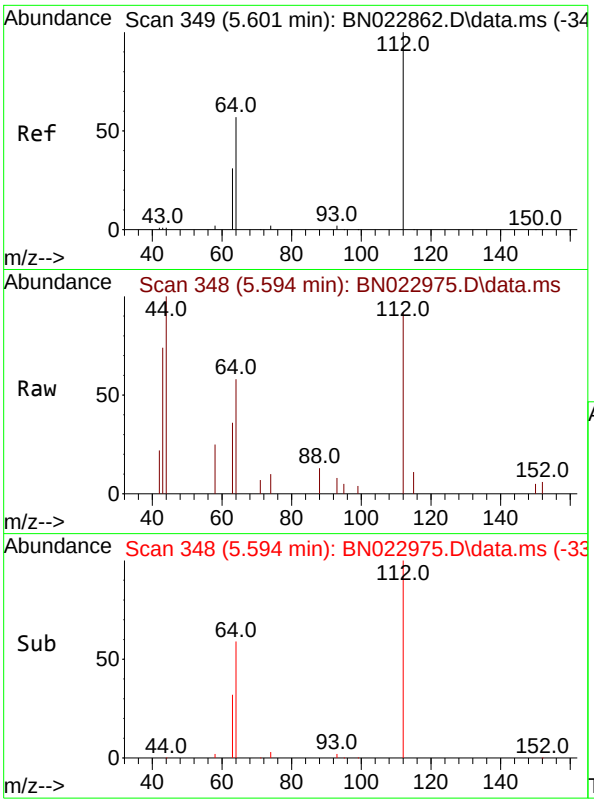


#2
1,4-Dioxane
Concen: 0.278 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion: 88 Resp: 1872

Ion	Ratio	Lower	Upper
88	100		
43	49.6	25.4	38.2#
58	72.5	56.5	84.7



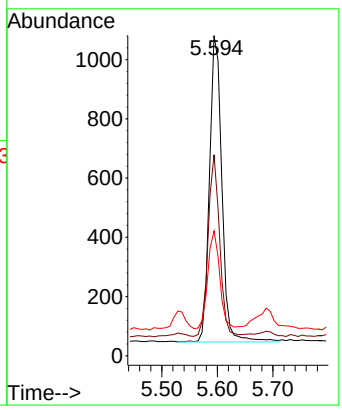


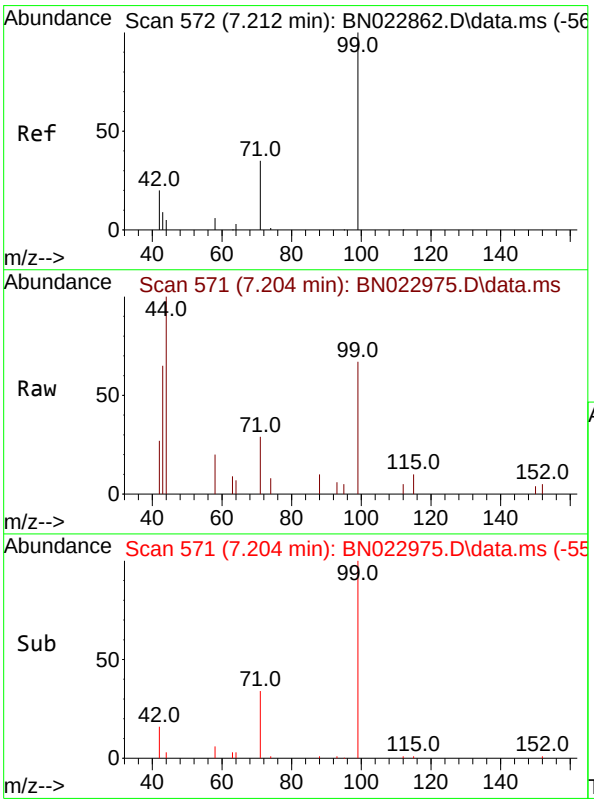
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:112 Resp: 1605

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.4	65.2
63	30.6	23.4	35.2

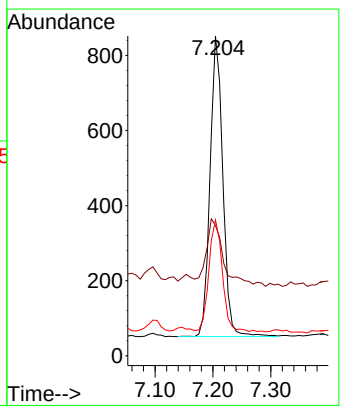


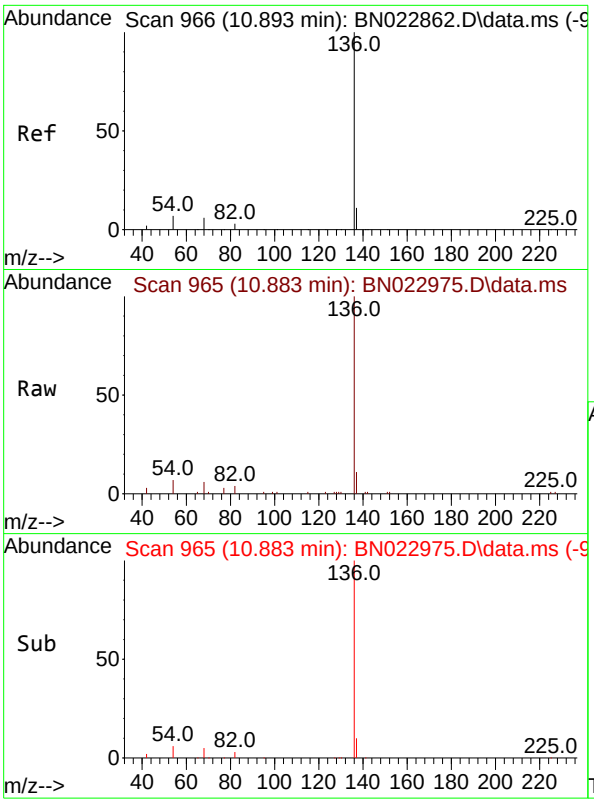


#5
Phenol-d6
Concen: 0.070 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion: 99 Resp: 1236

Ion	Ratio	Lower	Upper
99	100		
42	30.3	16.0	24.0#
71	39.3	26.8	40.2



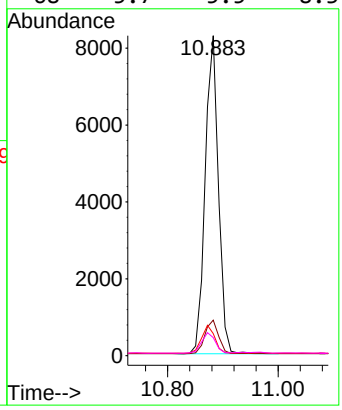


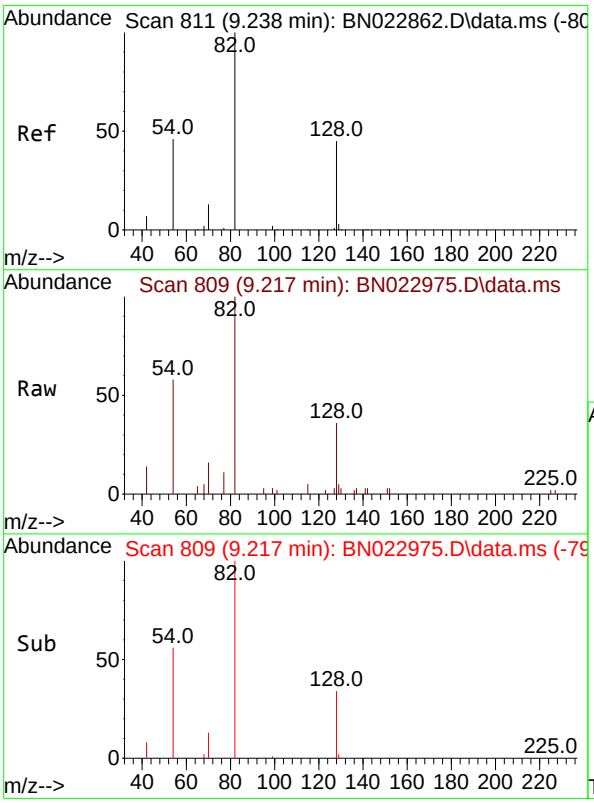
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:136 Resp: 13808

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	6.6	9.8
68	5.7	5.5	8.3

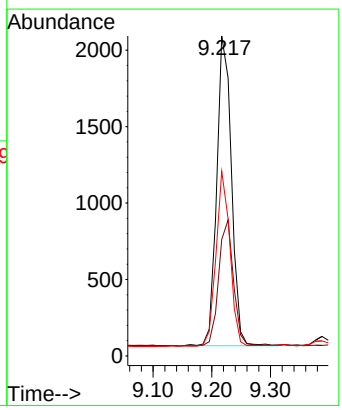


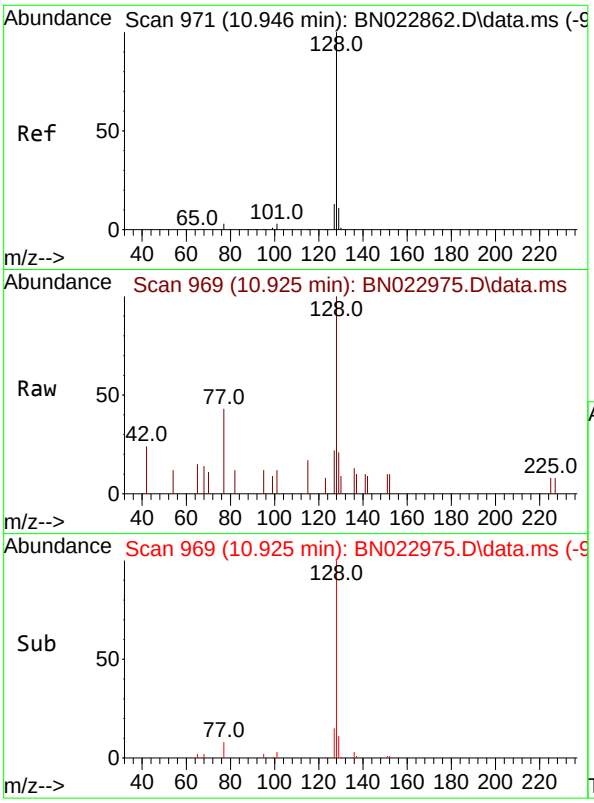


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion: 82 Resp: 3513

Ion	Ratio	Lower	Upper
82	100		
128	36.4	36.6	54.8#
54	57.8	38.5	57.7#



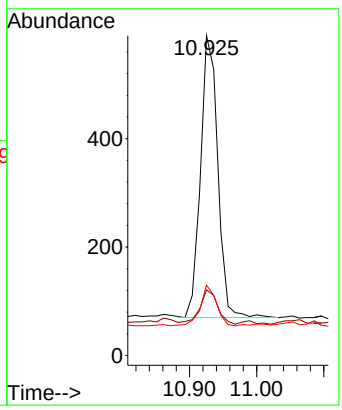


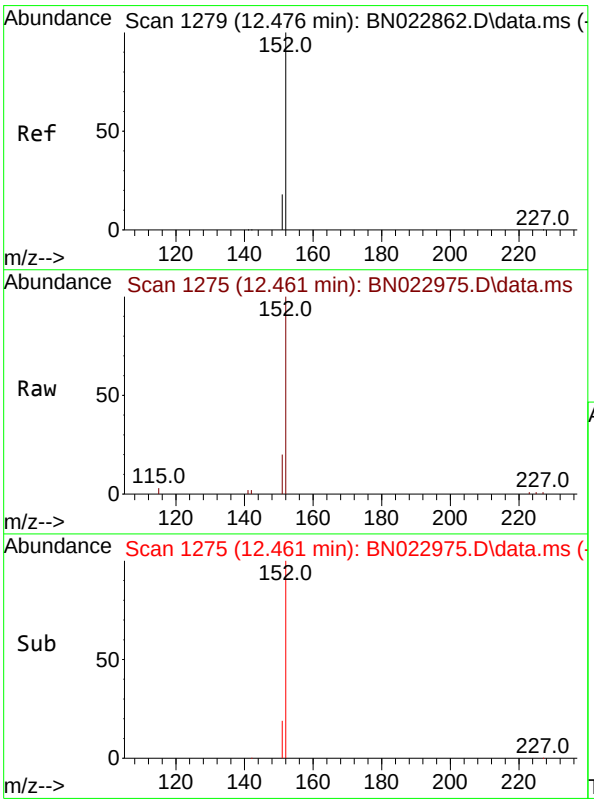
#9
Naphthalene
Concen: 0.022 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:128 Resp: 929

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.0	13.4#
127	22.0	10.8	16.2#

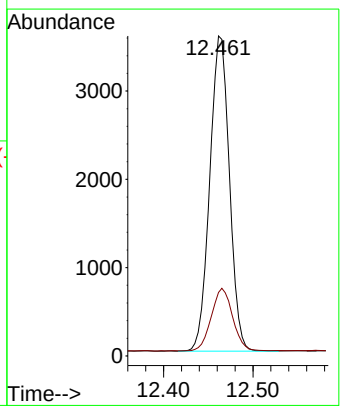


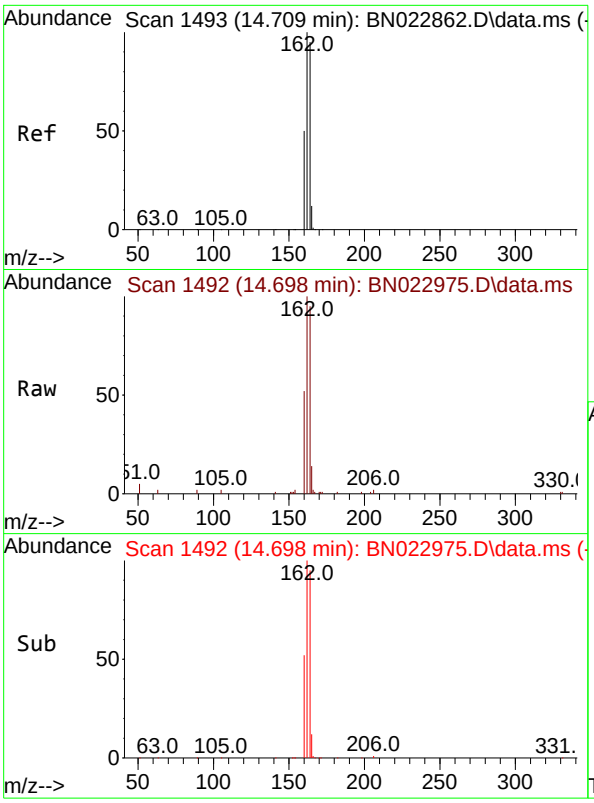


#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.461 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion:152 Resp: 6205

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.6	27.8



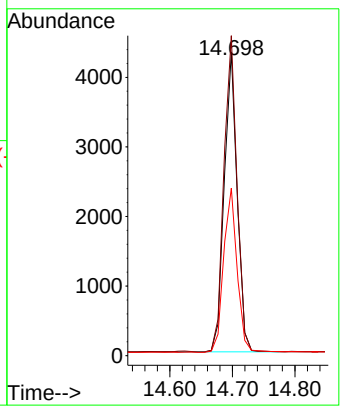


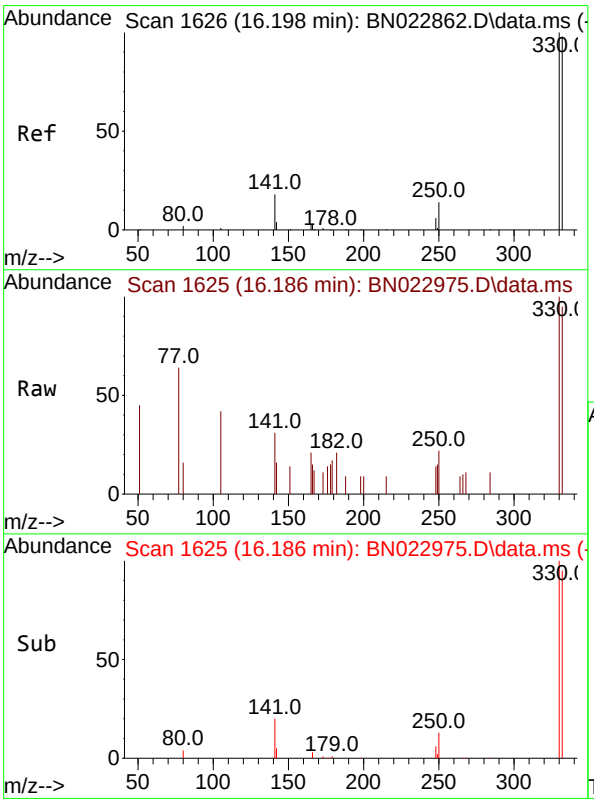
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:164 Resp: 6181

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.2	126.4
160	55.1	42.5	63.7

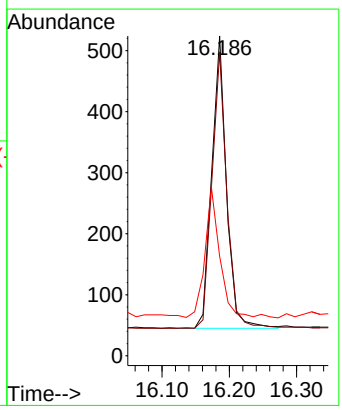


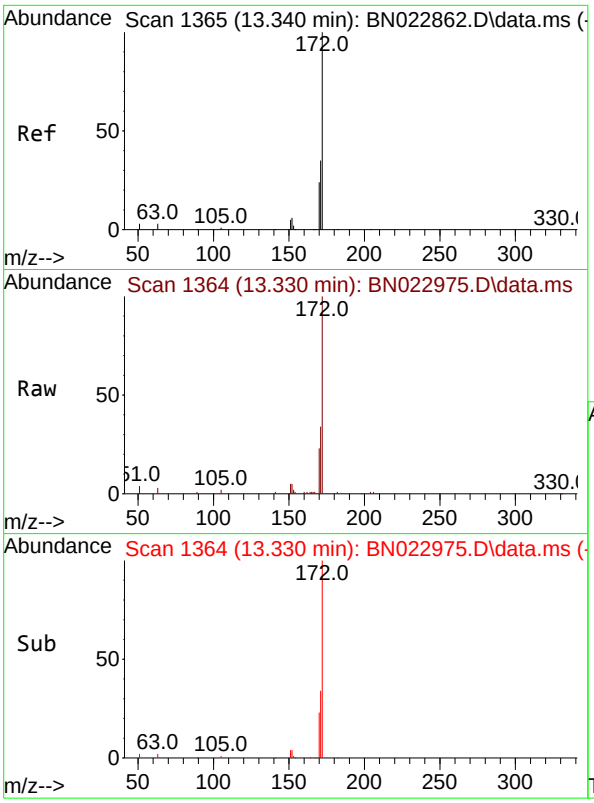


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion:330 Resp: 728

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.5	114.7
141	45.5	32.6	48.8



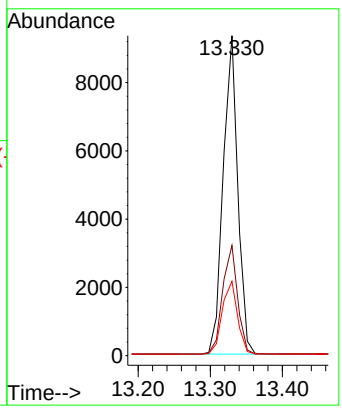


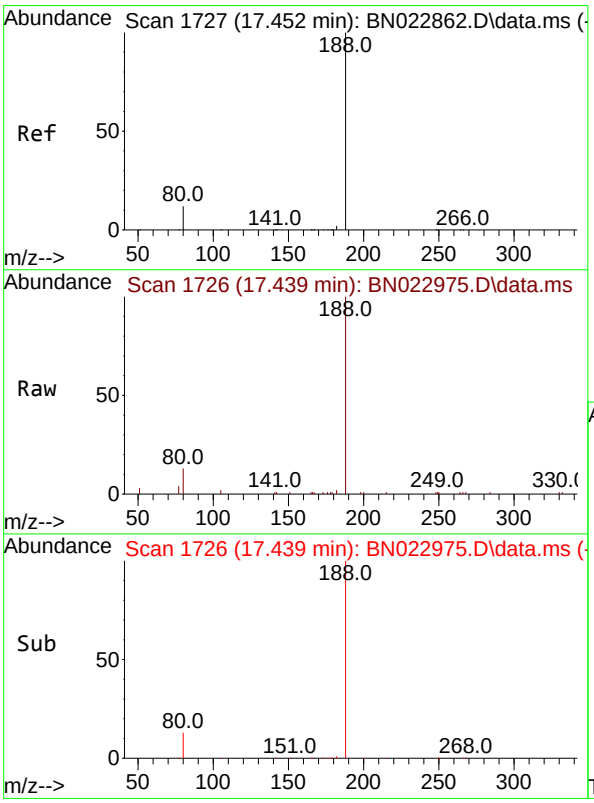
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:172 Resp: 13061

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.4
170	23.3	19.3	28.9

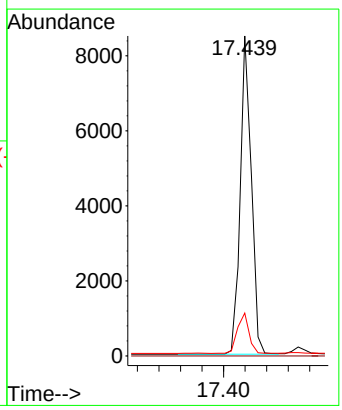


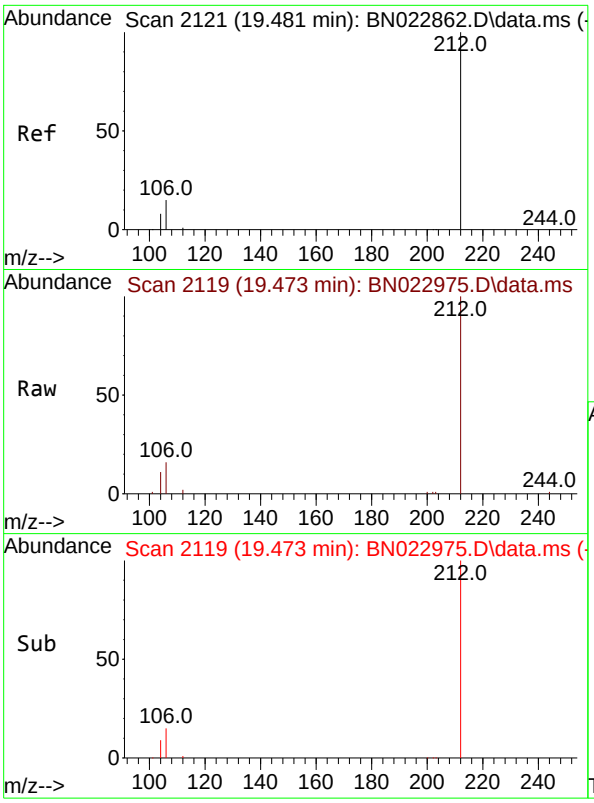


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion:188 Resp: 12051

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.3	15.5



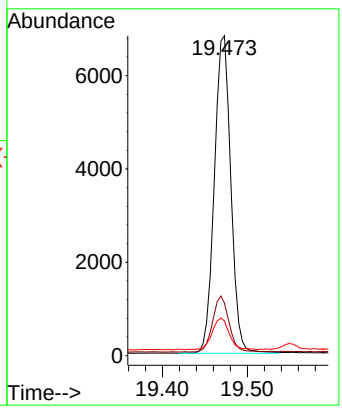


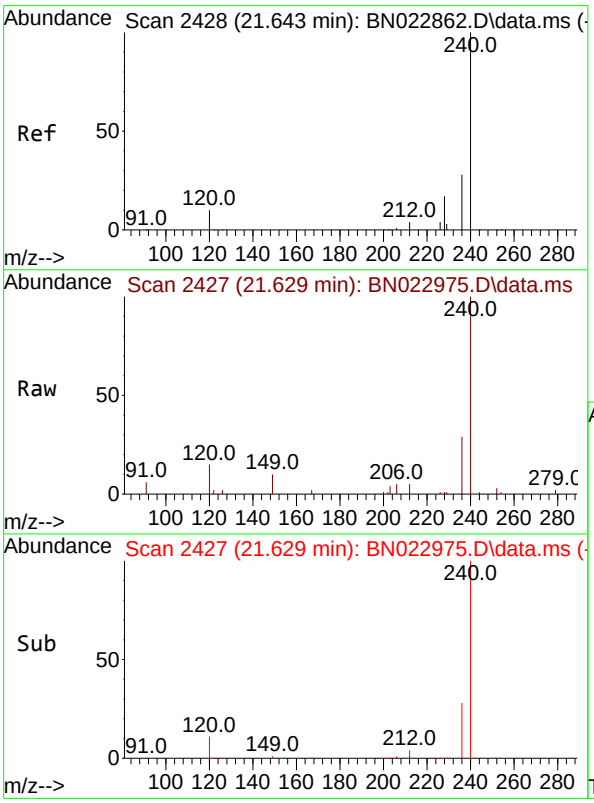
#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.473 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:212 Resp: 9183

Ion	Ratio	Lower	Upper
212	100		
106	17.5	12.3	18.5
104	10.0	7.0	10.4

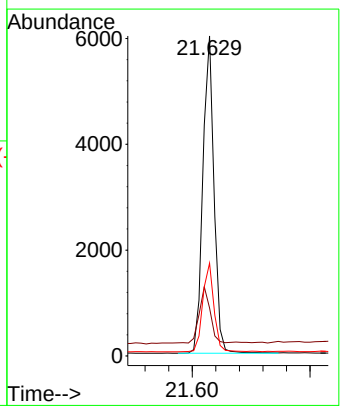


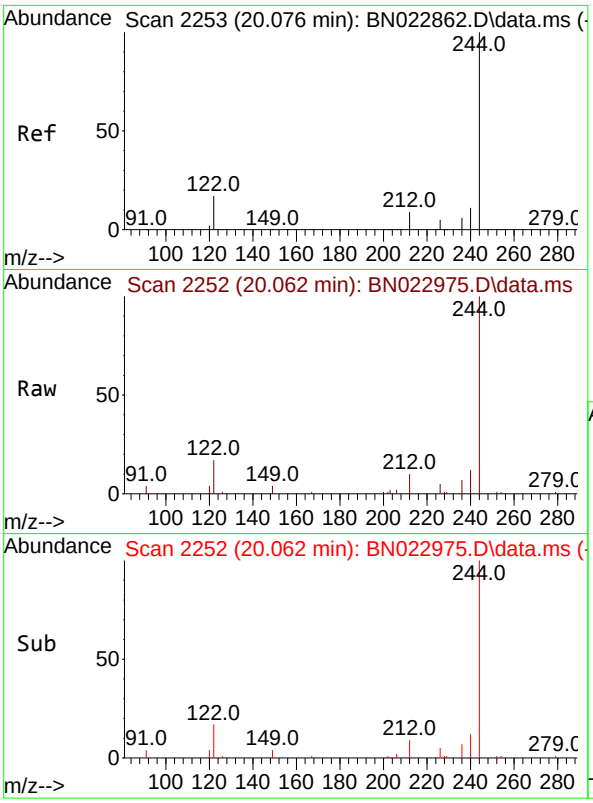


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion:240 Resp: 7867

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.2	13.8#
236	29.0	22.6	34.0



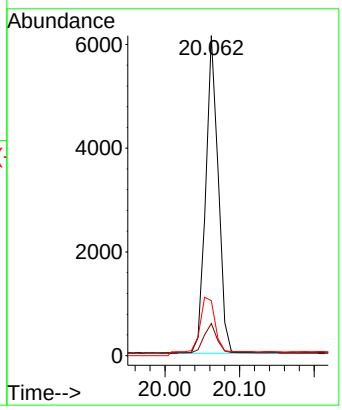


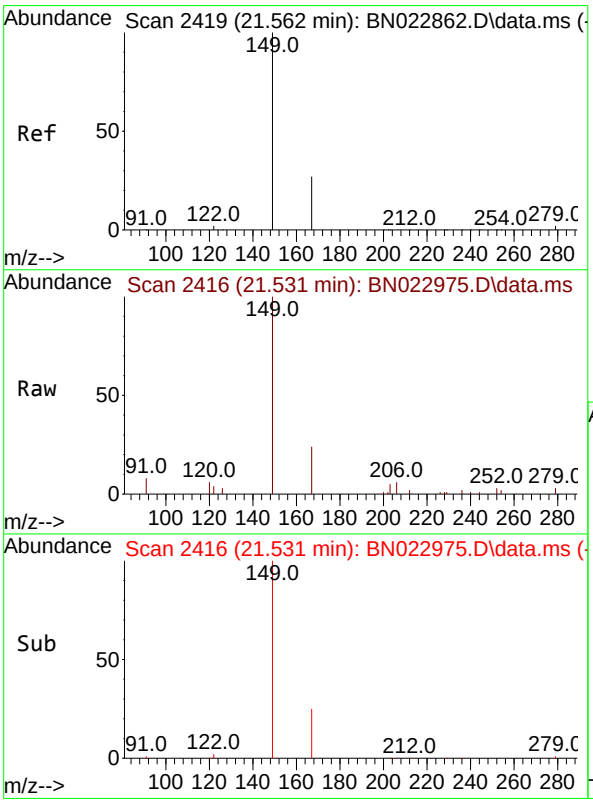
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 20.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:244 Resp: 7119

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	17.2	13.9	20.9

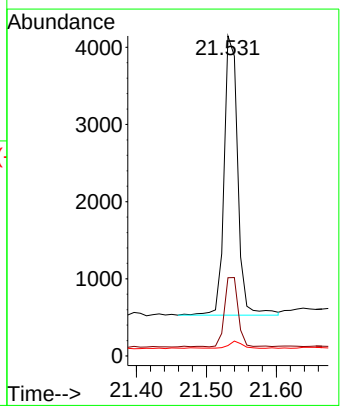


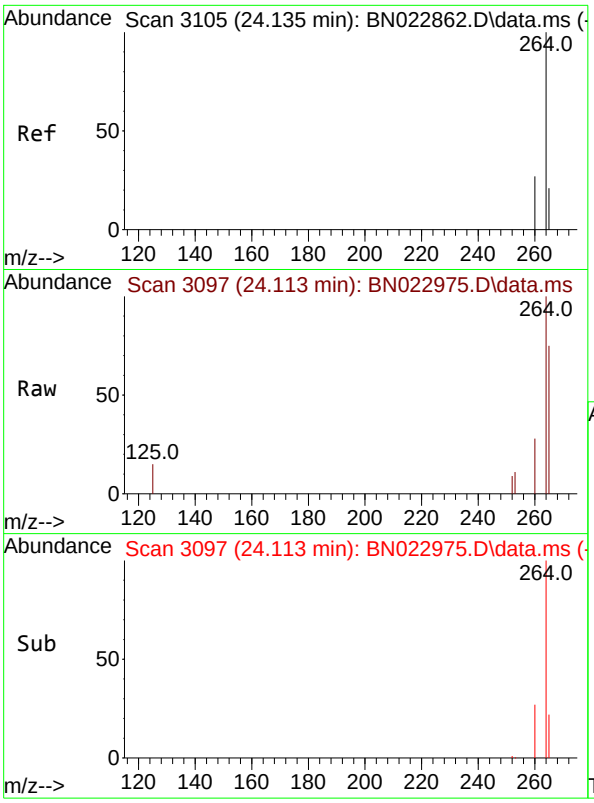


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.382 ng
RT: 21.531 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Tgt Ion:149 Resp: 4877

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.3	31.9
279	2.4	2.3	3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.113 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022975.D
Acq: 30 Nov 2022 06:32

Instrument :
BNA_N
ClientSampleId :
TT161S-20221117

Tgt Ion:264 Resp: 5653

Ion	Ratio	Lower	Upper
264	100		
260	28.4	21.7	32.5
265	74.6	31.0	46.4#