Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021262.D
Acq On : 16 Aug 2022 19:10
Operator : CG/JU
Sample : N4169-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Quant Time: Aug 17 05:14:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	2963	0.400	ng	0.00
7) Naphthalene-d8	10.592	136	9239	0.400	ng	# 0.01
13) Acenaphthene-d10	14.439	164	5582	0.400	ng	0.01
19) Phenanthrene-d10	17.192	188	10165	0.400	ng	0.01
29) Chrysene-d12	21.395	240	7226	0.400	ng	0.00
35) Perylene-d12	23.726	264	5460	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	922	0.125	ng	0.00
5) Phenol-d6	7.068	99	232	0.027	ng	0.09
8) Nitrobenzene-d5	9.001	82	1425	0.297	ng	0.04
11) 2-Methylnaphthalene-d10	12.198	152	5166	0.321	ng	0.02
14) 2,4,6-Tribromophenol	15.951	330	443	0.243	ng	0.01
15) 2-Fluorobiphenyl	13.071	172	6418	0.289	ng	0.01
27) Fluoranthene-d10	19.227	212	13055	0.473	ng	0.00
31) Terphenyl-d14	19.830	244	8541	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	560	0.135	ng	# 60
3) n-Nitrosodimethylamine	3.594	42	73	0.227	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.254	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.305	149	778	0.048	ng	93

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

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QLast Update : Tue Aug 16 09:19:59 2022
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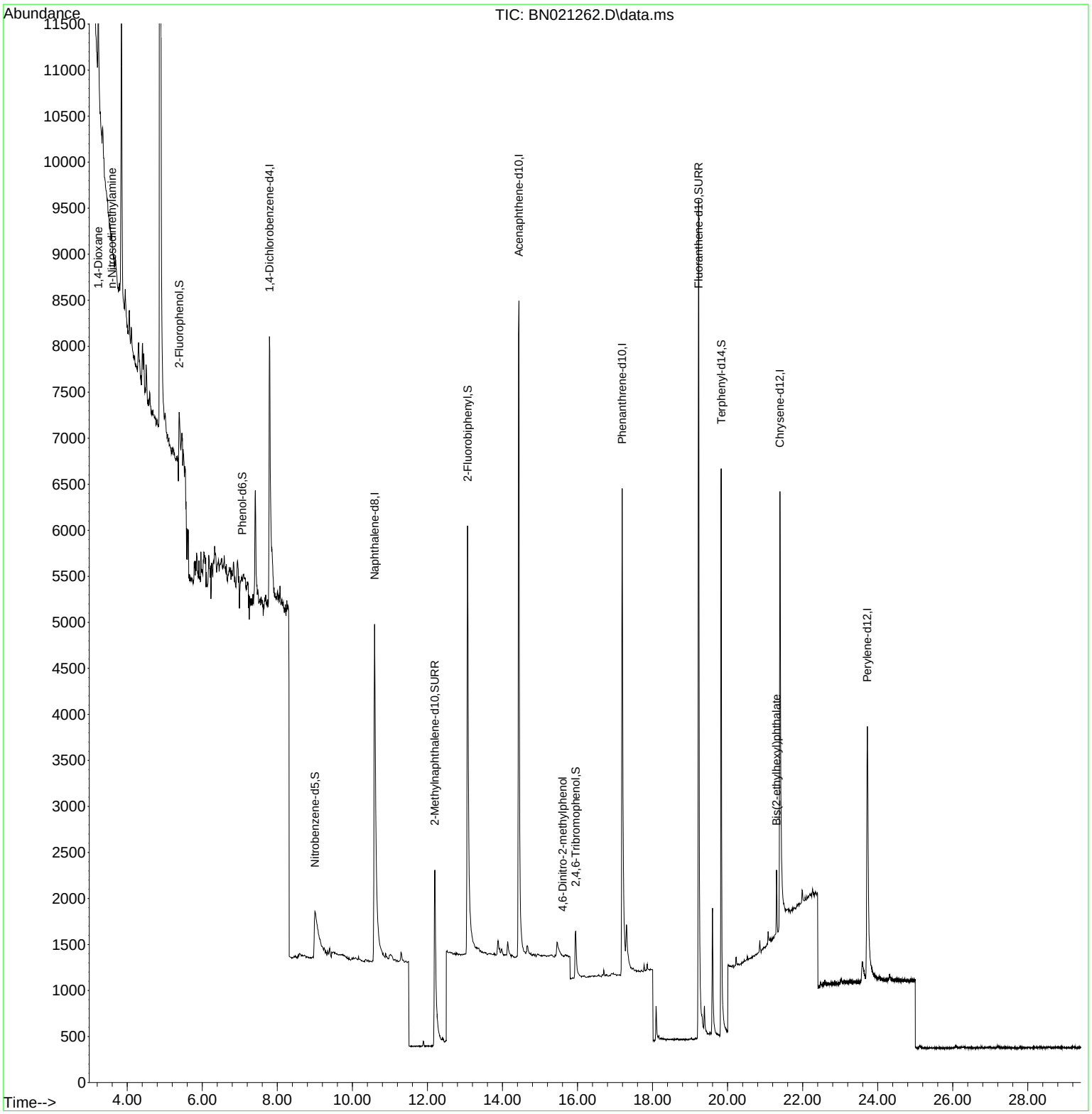
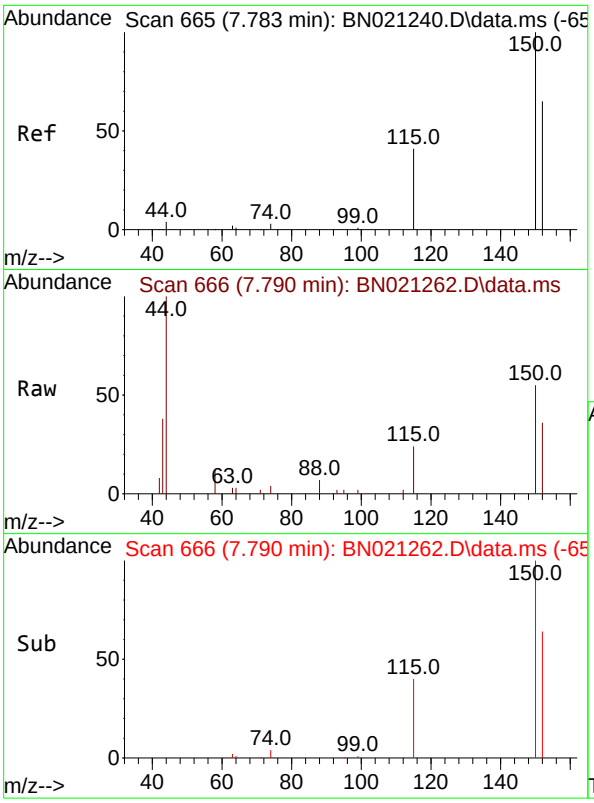


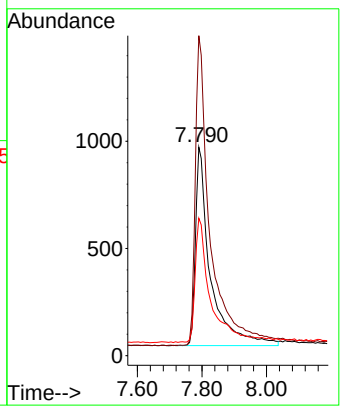


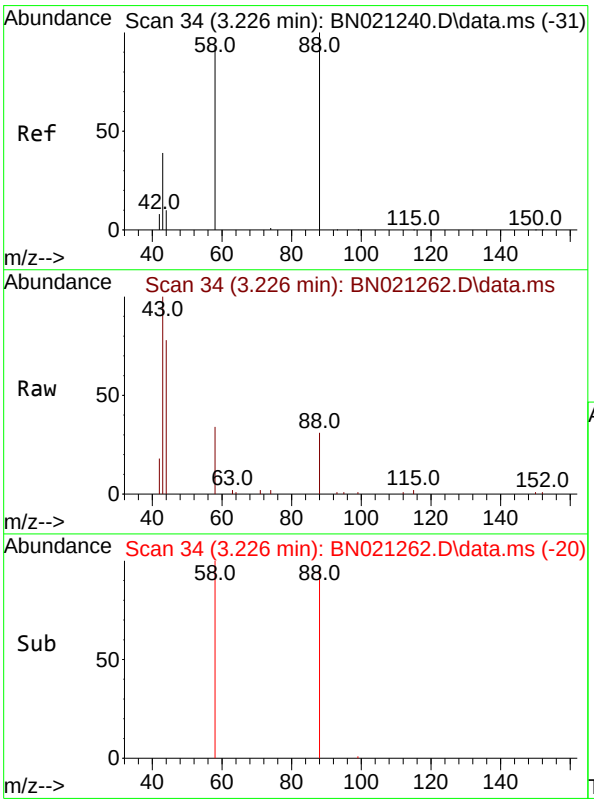
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:152 Resp: 2963

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.1	184.7
115	65.9	52.2	78.4

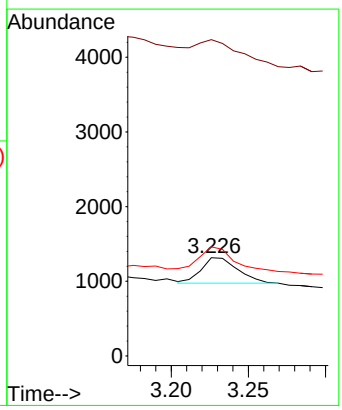


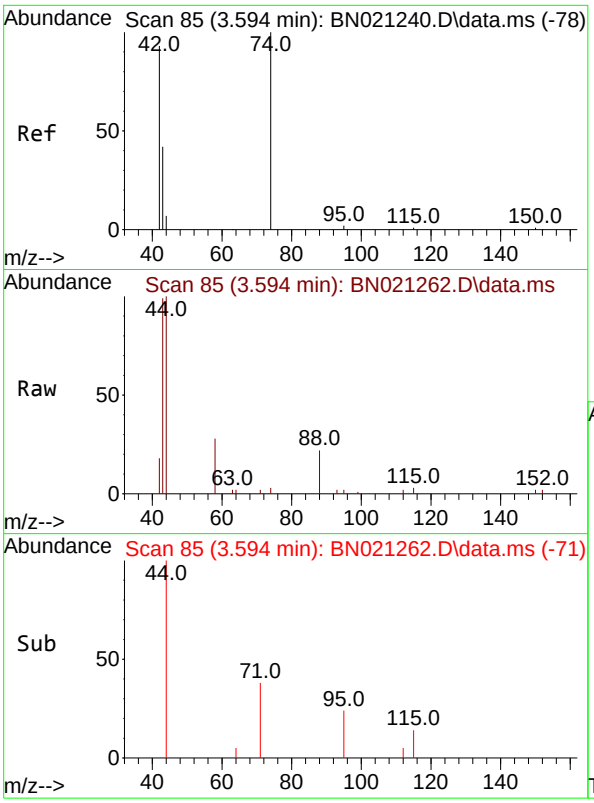


#2
1,4-Dioxane
Concen: 0.135 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion: 88 Resp: 560

Ion	Ratio	Lower	Upper
88	100		
43	119.3	28.6	42.8#
58	93.4	74.5	111.7



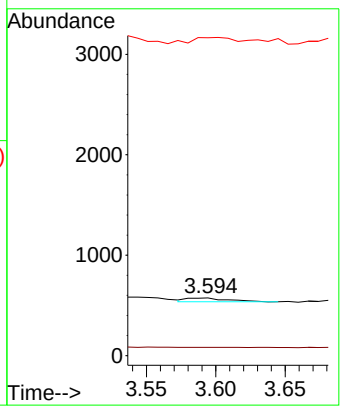


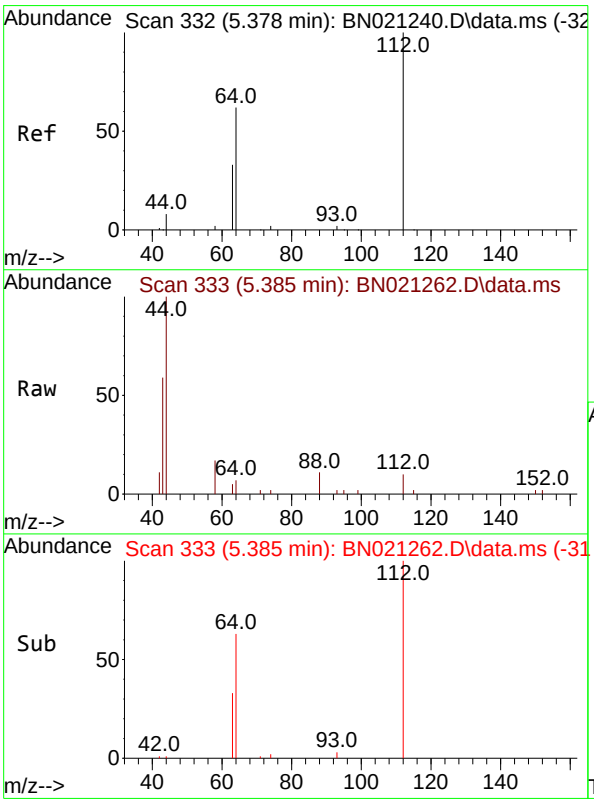
#3
n-Nitrosodimethylamine
Concen: 0.227 ng
RT: 3.594 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	0.0	82.4	123.6#
44	193.2	2.7	4.1#

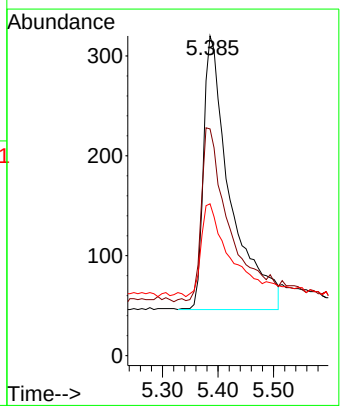


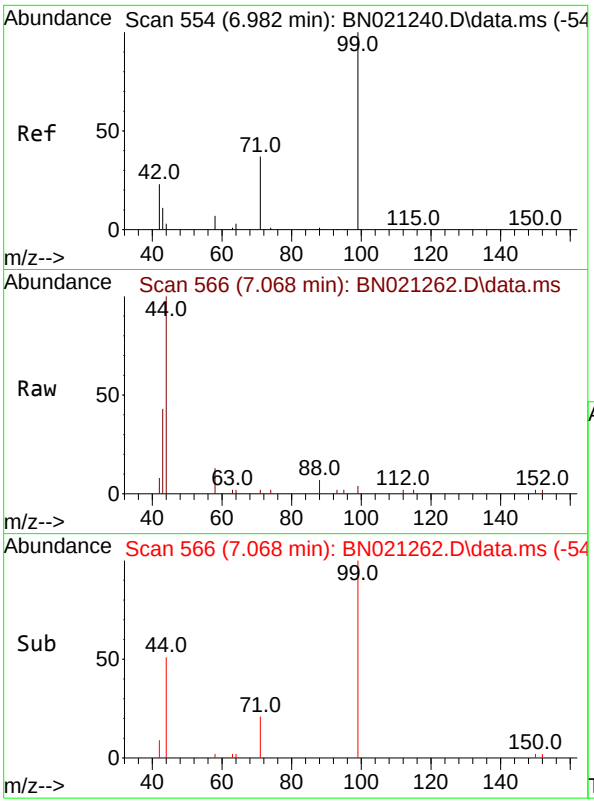


#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.385 min Scan# 333
Delta R.T. 0.007 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:112 Resp: 922

Ion	Ratio	Lower	Upper
112	100		
64	67.6	52.0	78.0
63	37.7	27.5	41.3



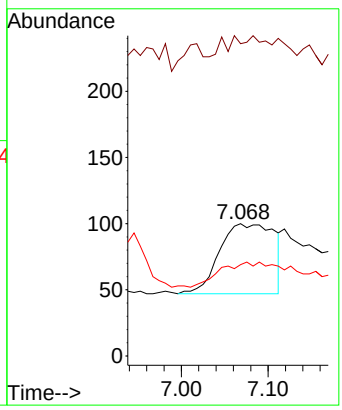


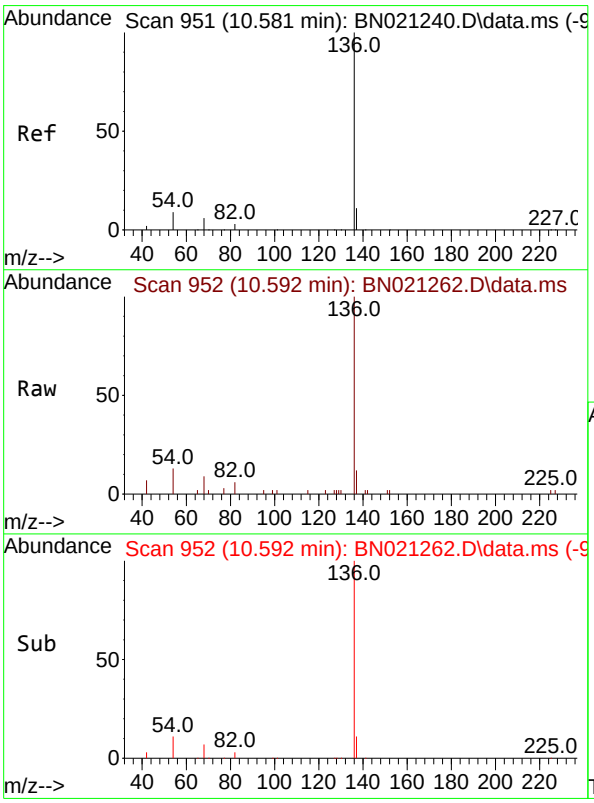
#5
Phenol-d6
Concen: 0.027 ng
RT: 7.068 min Scan# 5
Delta R.T. 0.087 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion: 99 Resp: 232

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	20.3	28.9	43.3#

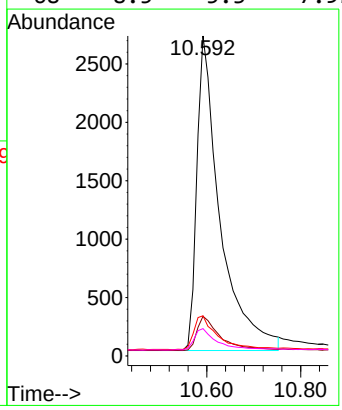


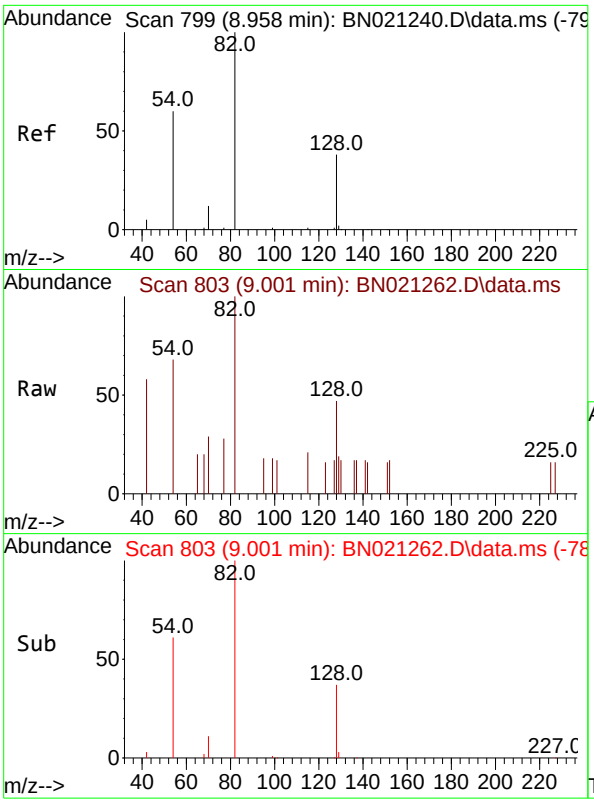


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 952
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:136 Resp: 9239

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	12.6	8.2	12.2#
68	8.5	5.3	7.9#



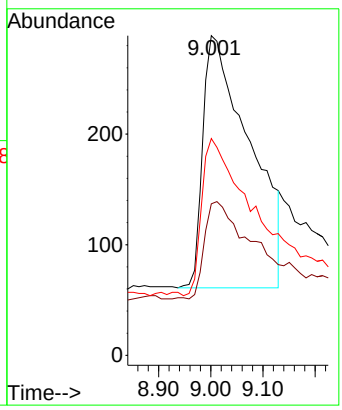


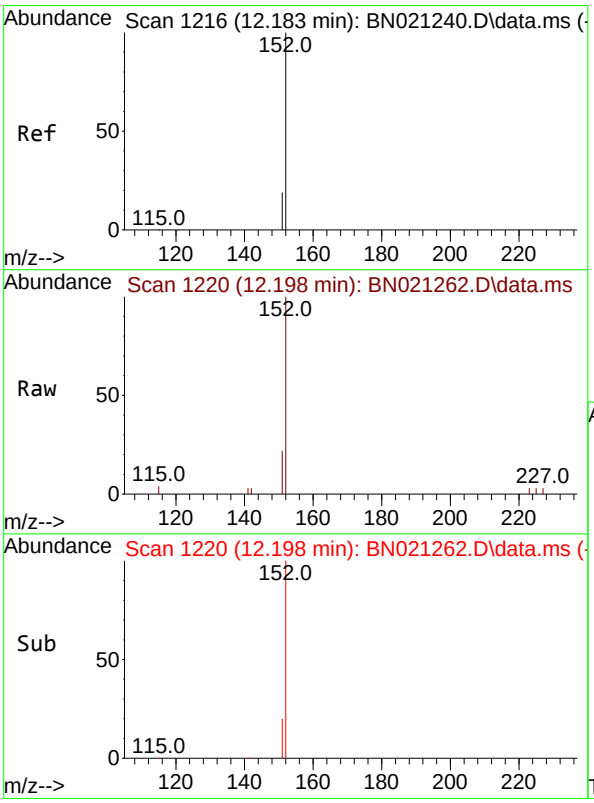
#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.001 min Scan# 8
Delta R.T. 0.043 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion: 82 Resp: 1425

Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.6	50.4
54	67.8	50.2	75.2

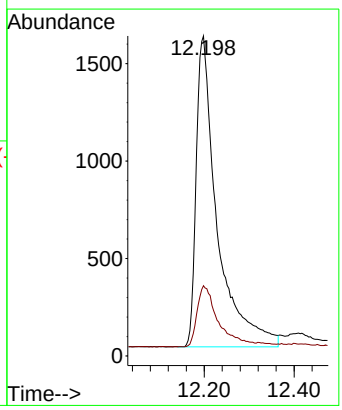


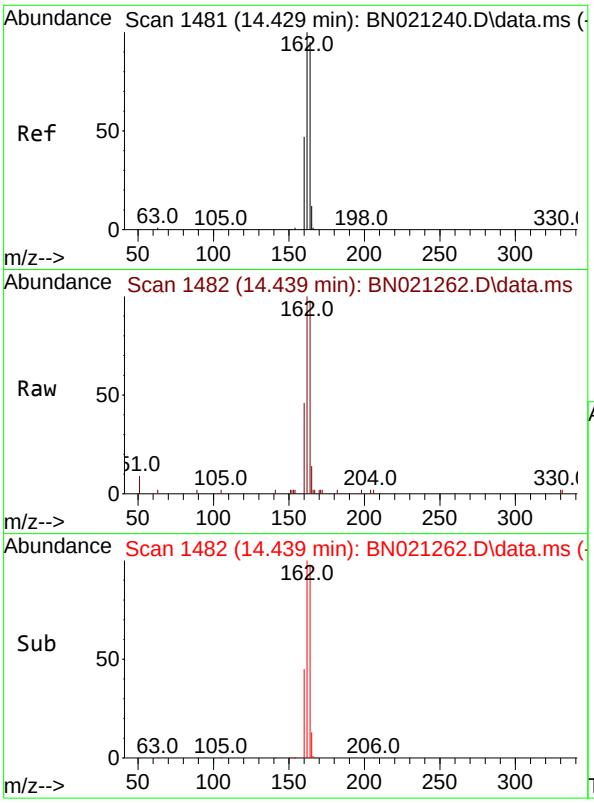


#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.198 min Scan# 1220
Delta R.T. 0.015 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:152 Resp: 5166

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8



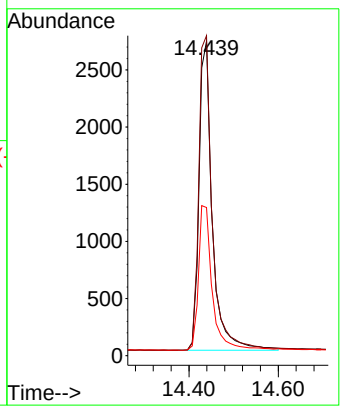


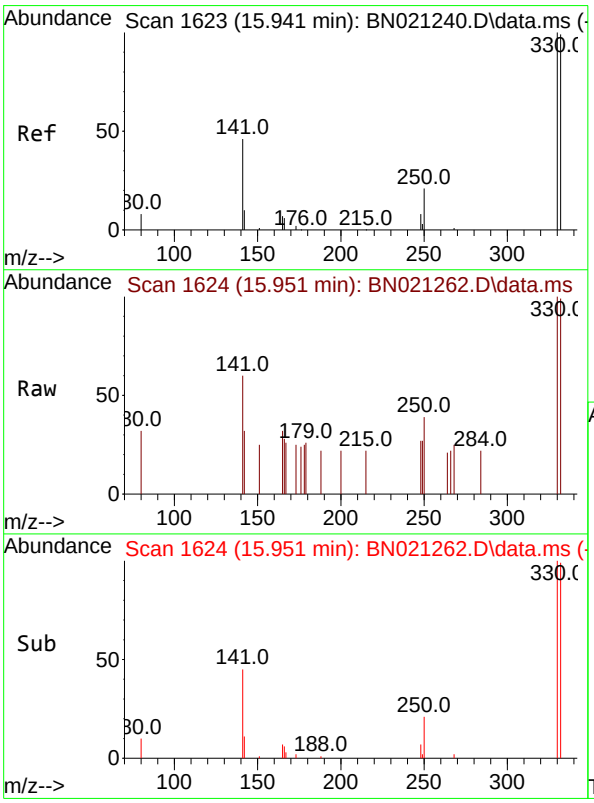
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:164 Resp: 5582

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.8	125.6
160	47.1	39.8	59.6

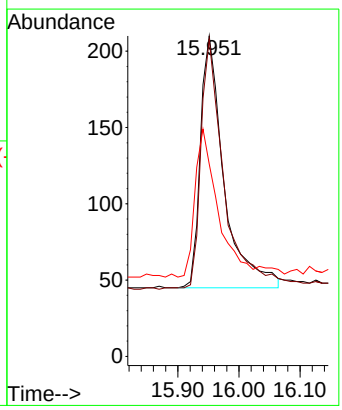


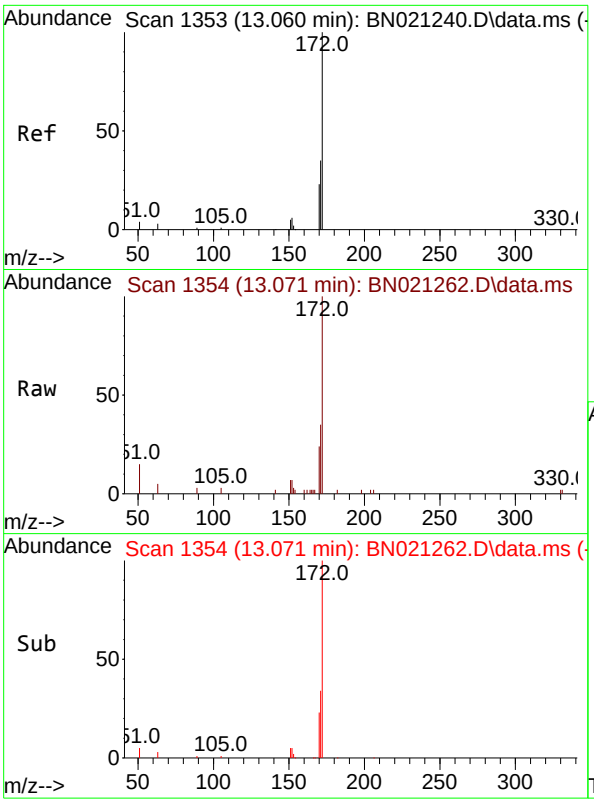


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.010 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:330 Resp: 443

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.1	117.1
141	60.0	45.4	68.0



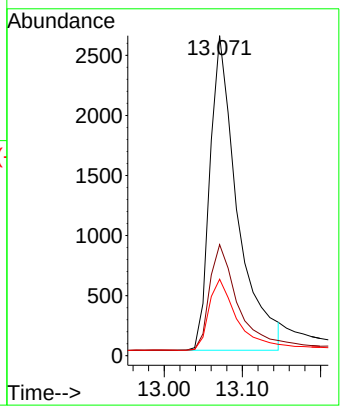


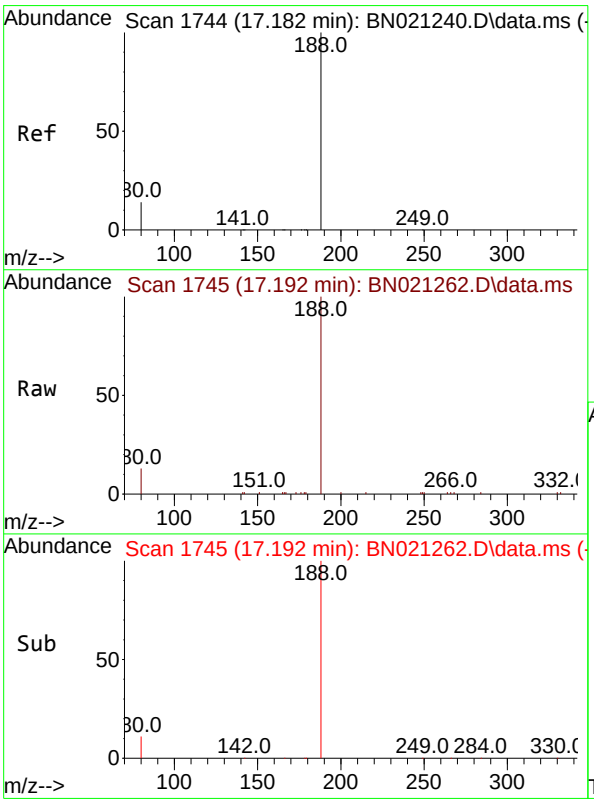
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:172 Resp: 6418

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.4	42.6
170	23.9	19.0	28.6

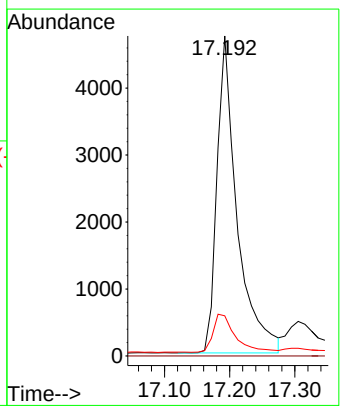


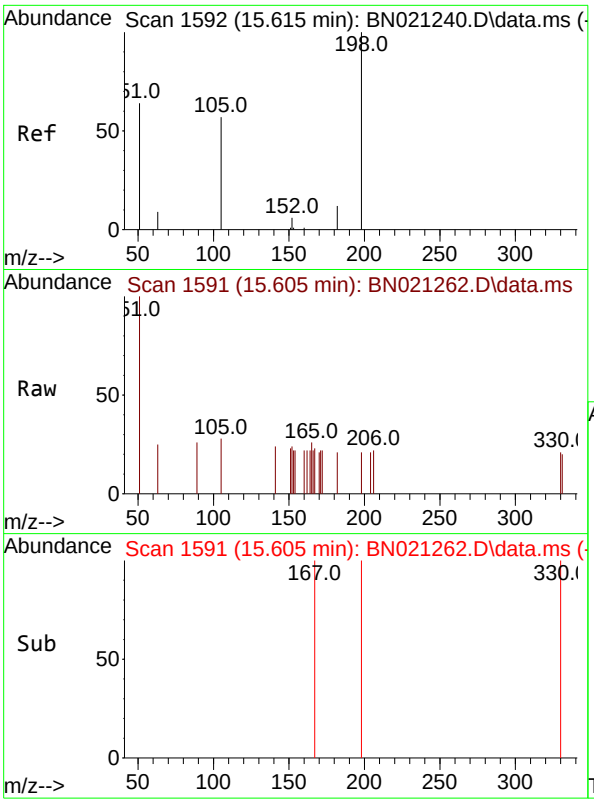


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1745
Delta R.T. 0.010 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:188 Resp: 10165

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	11.8	17.6



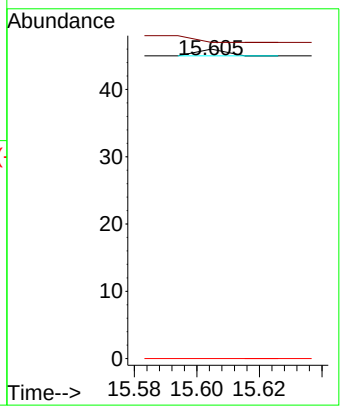


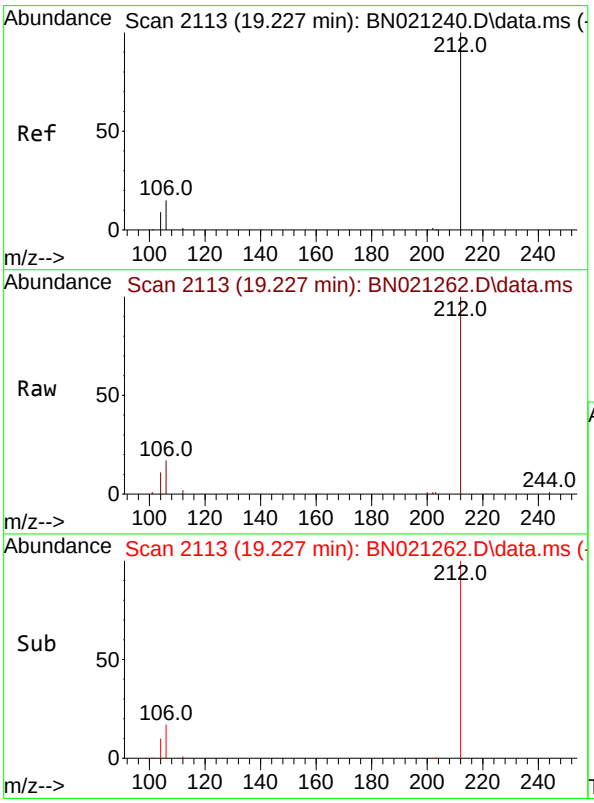
#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.605 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
182	102.2	33.9	50.9#
77	0.0	0.0	0.0

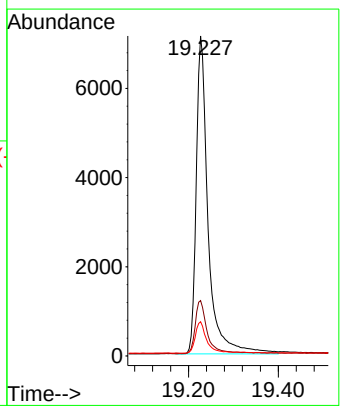


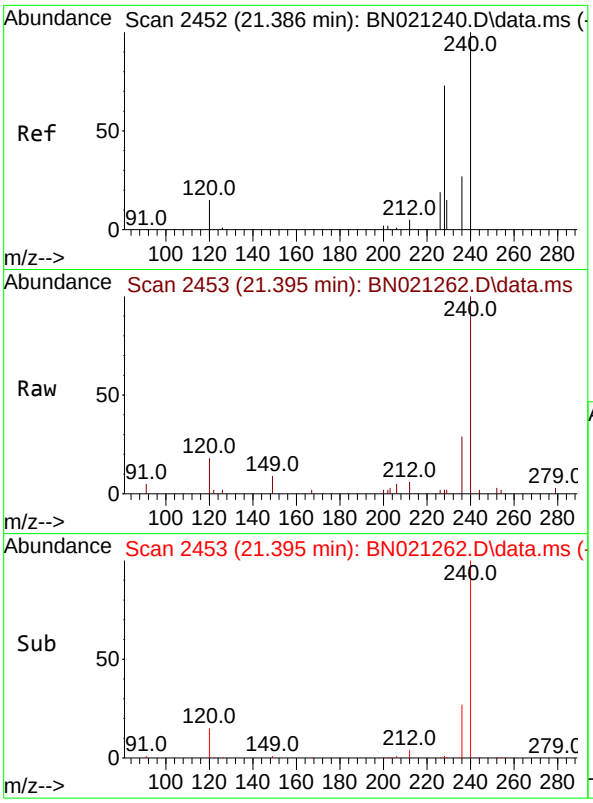


#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.227 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:212 Resp: 13055

Ion	Ratio	Lower	Upper
212	100		
106	16.7	12.6	18.8
104	9.4	7.2	10.8



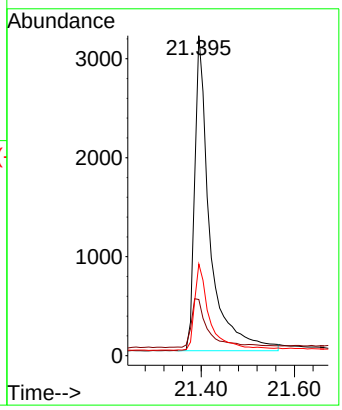


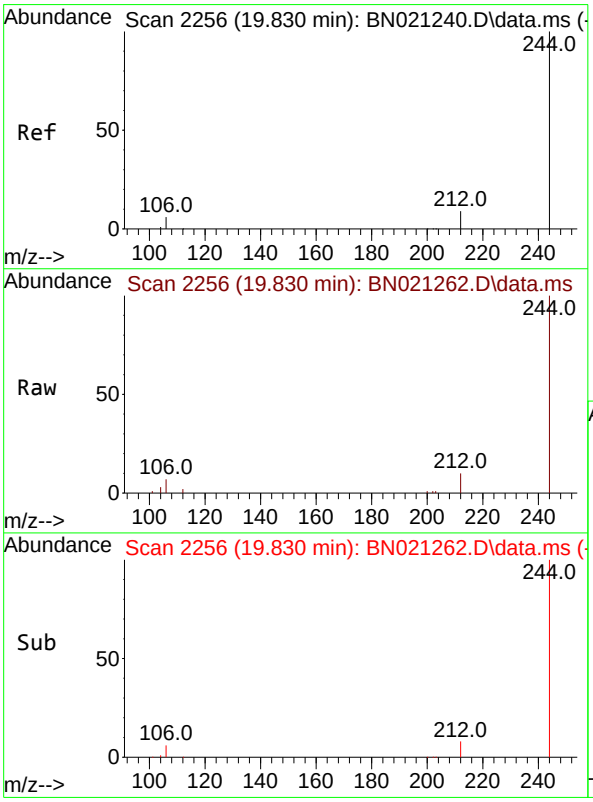
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:240 Resp: 7226

Ion	Ratio	Lower	Upper
240	100		
120	17.6	13.4	20.2
236	28.6	22.6	33.8

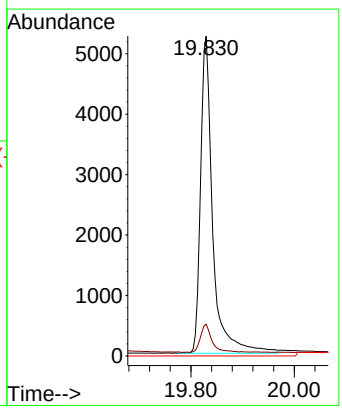


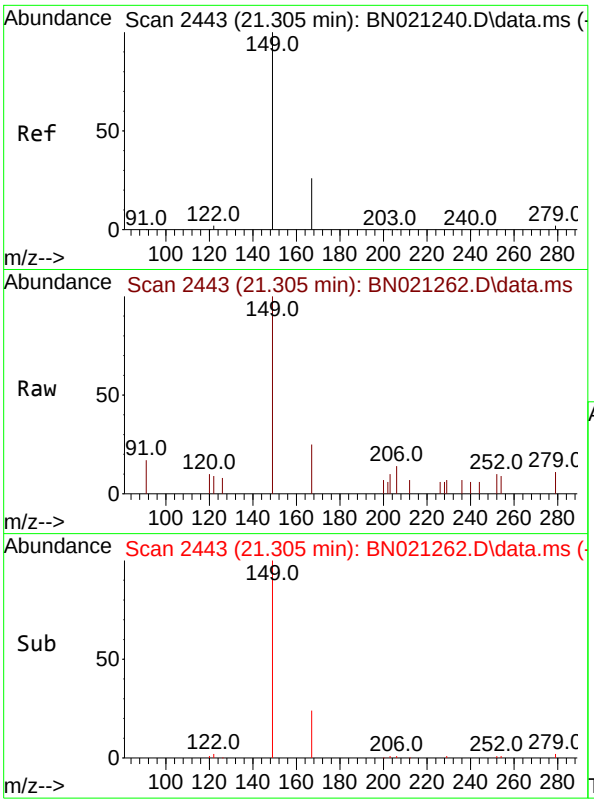


#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.830 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:244 Resp: 8541

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.3	12.5
122	0.0	0.0	0.0



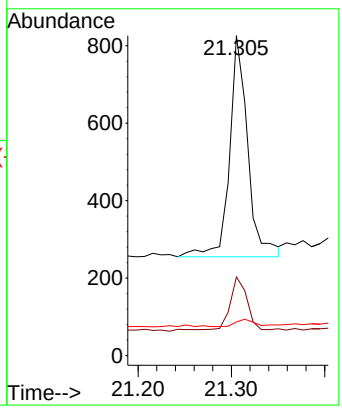


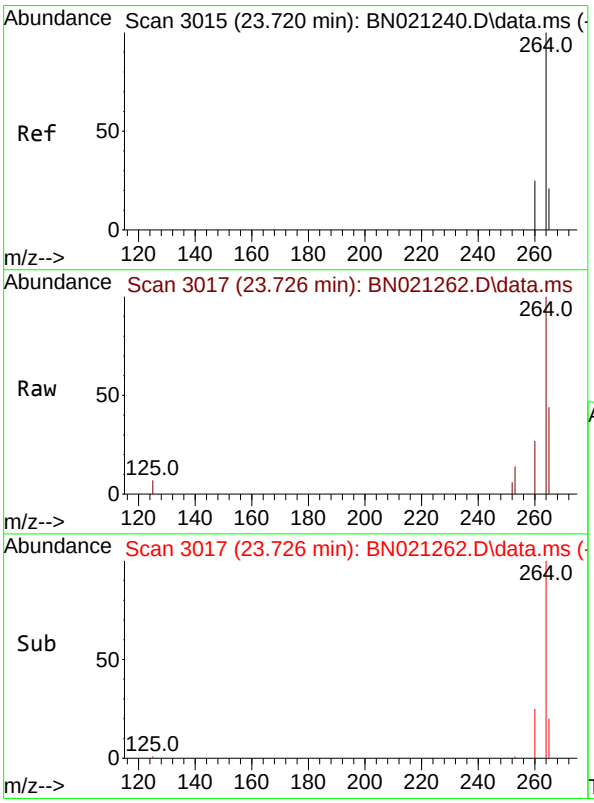
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.305 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:149 Resp: 778

Ion	Ratio	Lower	Upper
149	100		
167	22.0	20.6	31.0
279	3.5	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.726 min Scan# 3017
Delta R.T. 0.006 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:264 Resp: 5460

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	44.3	34.3	51.5