Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016681.D
Acq On : 02 Oct 2021 21:21
Operator : CG/JU
Sample : M3829-24
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 04 03:35:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32106	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	146926	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	77006	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	147914	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	139445	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	143850	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	11723	0.143	ng	0.02
5) Phenol-d6	6.831	99	7151	0.080	ng	0.00
8) Nitrobenzene-d5	8.784	82	26539	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	71017	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8981	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	97459	0.313	ng	-0.01
27) Fluoranthene-d10	19.063	212	173864	0.442	ng	0.00
31) Terphenyl-d14	19.678	244	138650	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	7851	0.531	ng	# 83
3) n-Nitrosodimethylamine	3.502	42	1359	0.057	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	1	0.136	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	25148	0.147	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016681.D
Acq On : 02 Oct 2021 21:21
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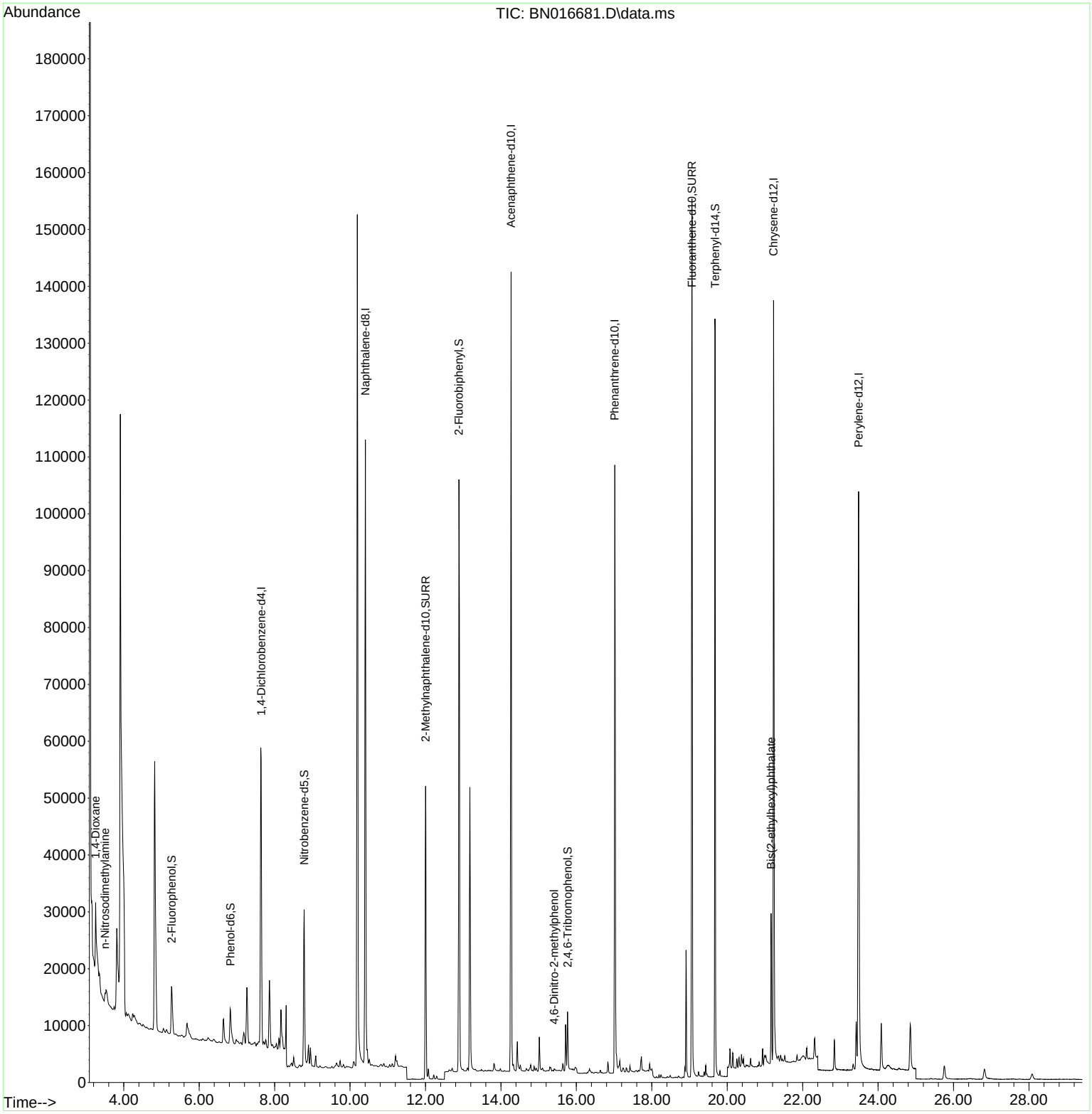
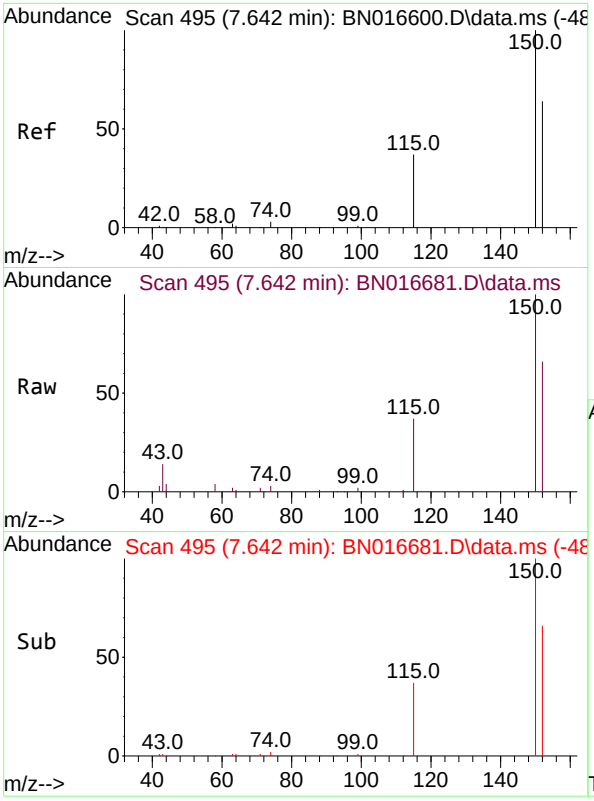
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

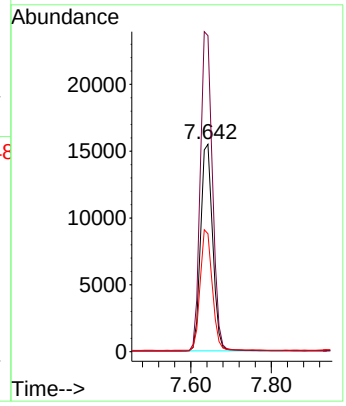




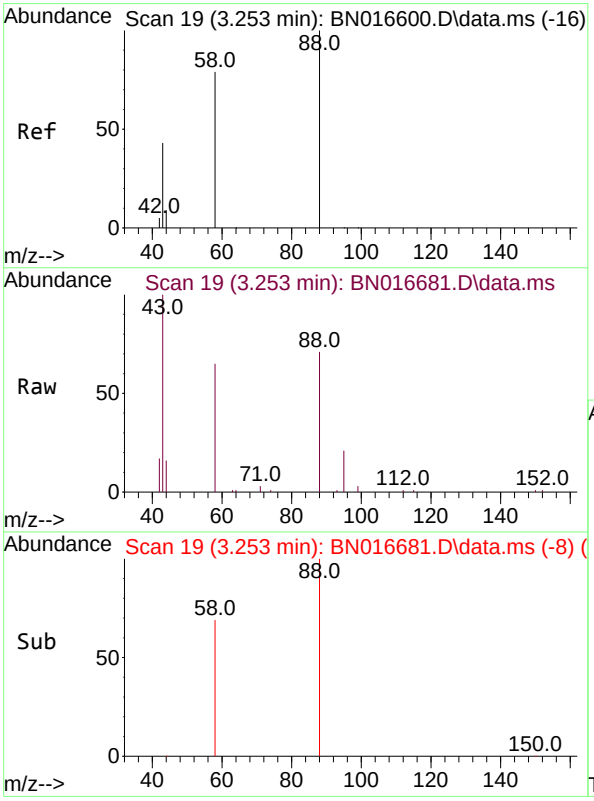
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:152 Resp: 32106

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	56.9	46.5	69.7



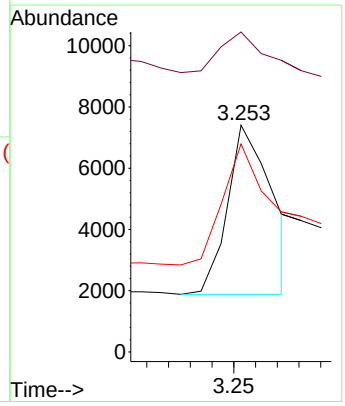
Instrument :
BNA_N
ClientSampleId :



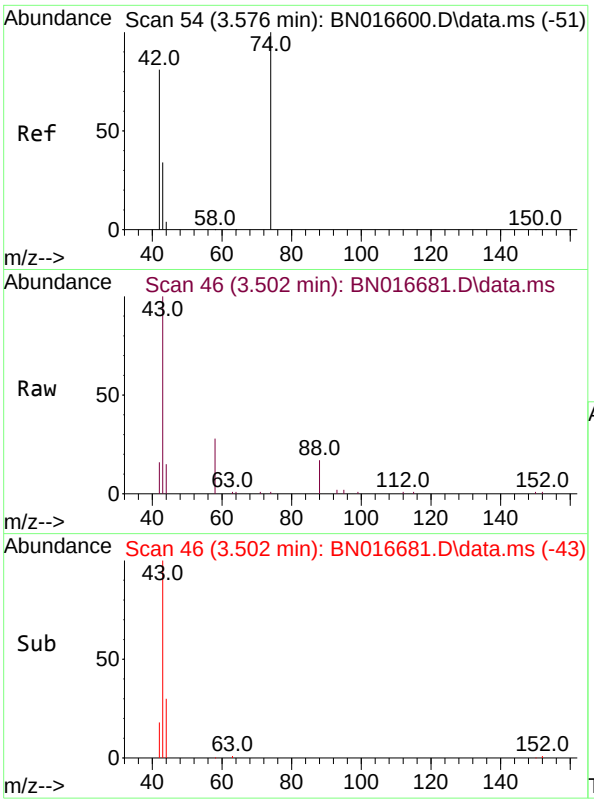
#2
1,4-Dioxane
Concen: 0.531 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 88 Resp: 7851

Ion	Ratio	Lower	Upper
88	100		
43	22.9	37.8	56.8#
58	72.5	61.3	91.9



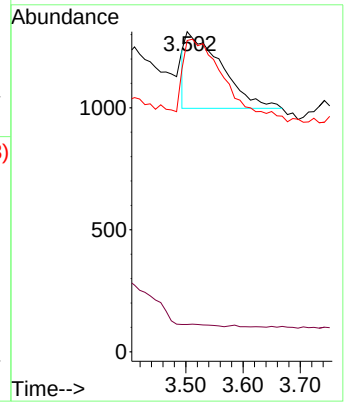
Instrument :
BNA_N
ClientSampleId :

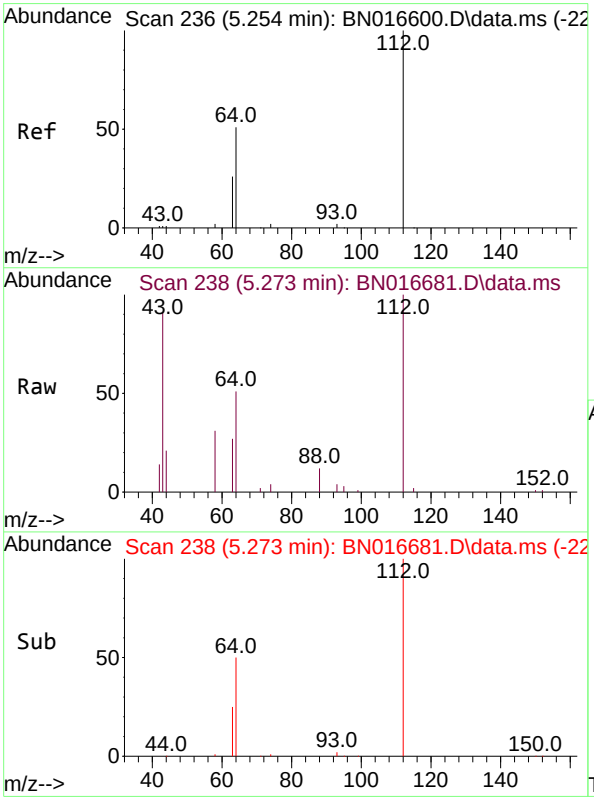


#3
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 42 Resp: 1359

Ion	Ratio	Lower	Upper
42	100		
74	0.0	121.6	182.4#
44	99.6	6.3	9.5#

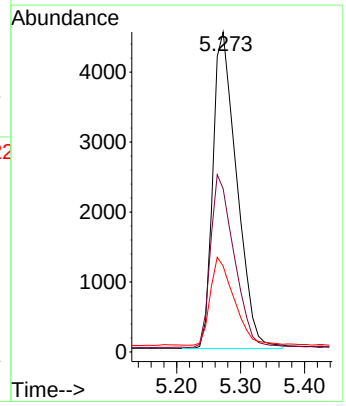




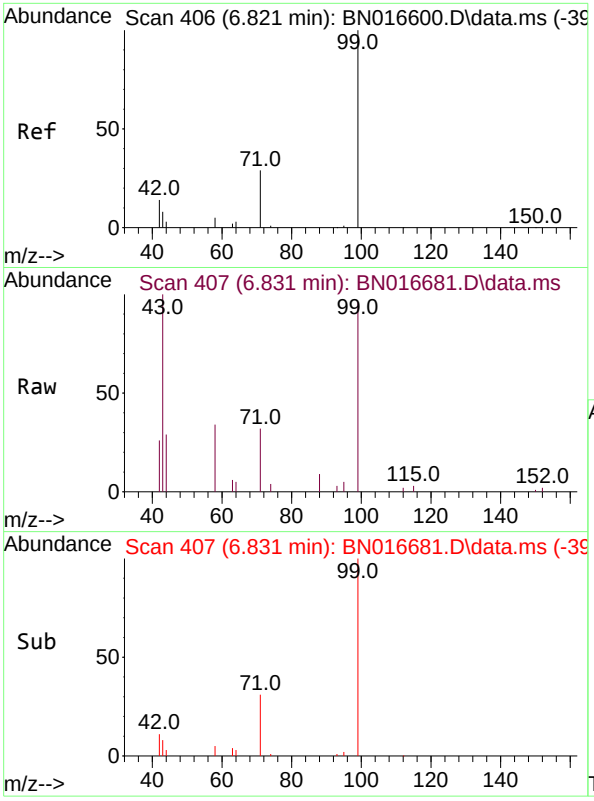
#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:112 Resp: 11723

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.1	64.7
63	27.7	21.6	32.4



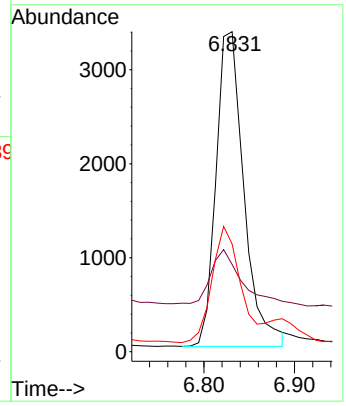
Instrument :
BNA_N
ClientSampleId :

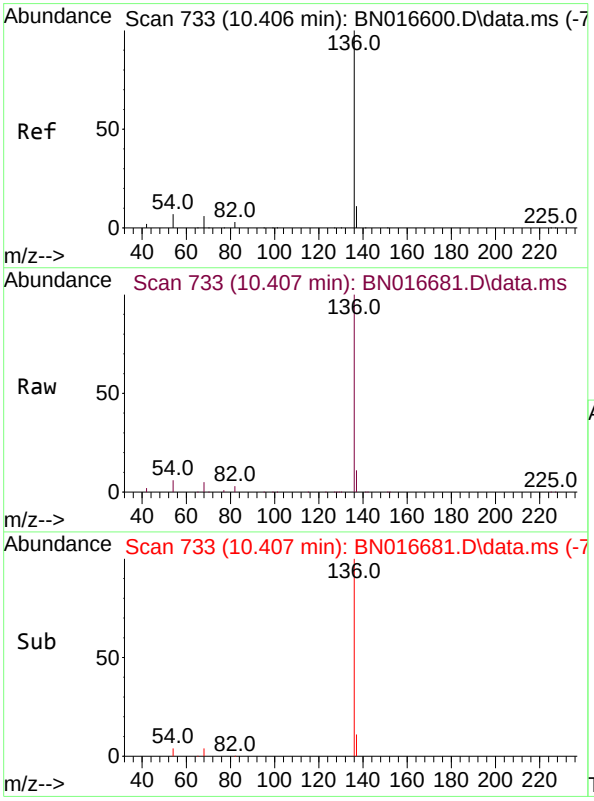


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 99 Resp: 7151

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.0	19.6
71	38.7	23.5	35.3#

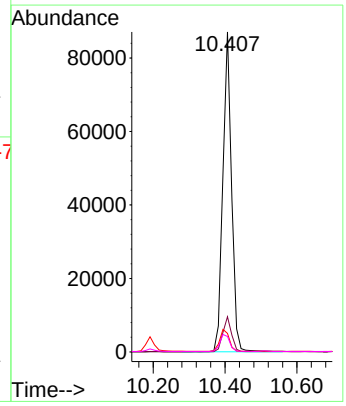


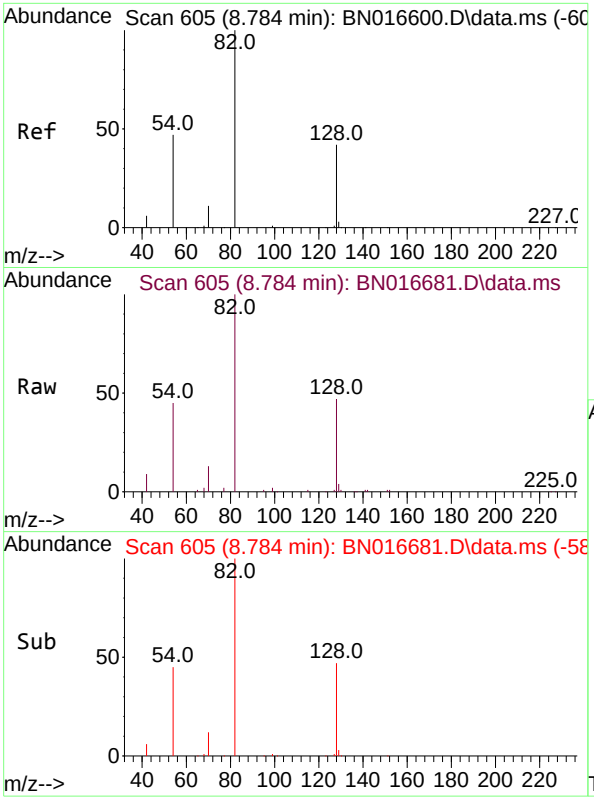


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:136 Resp: 146926

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.8	5.9	8.9#
68	4.8	5.0	7.6#

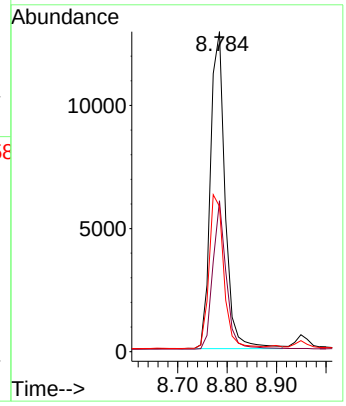




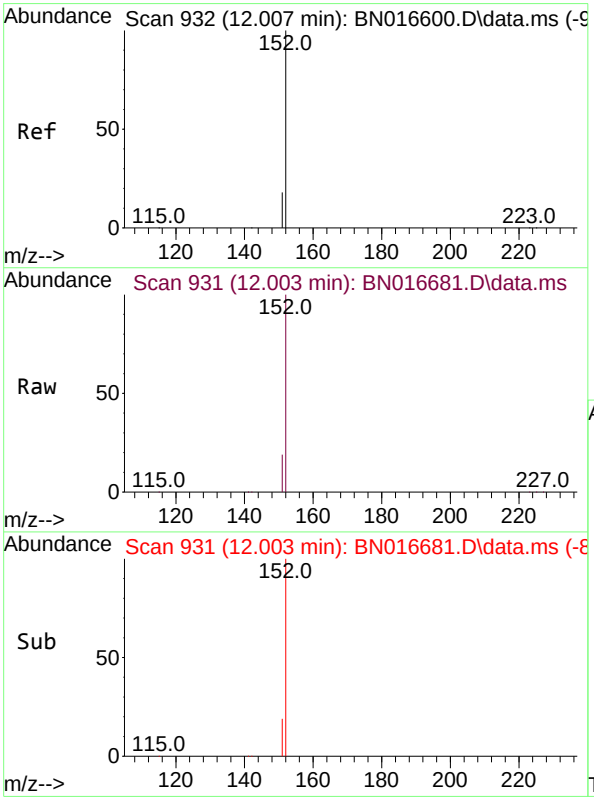
#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 82 Resp: 26539

Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.6	50.4
54	45.4	37.6	56.4



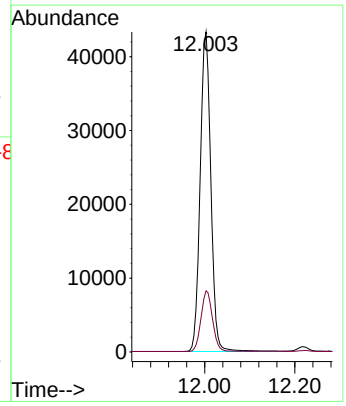
Instrument :
BNA_N
ClientSampleId :



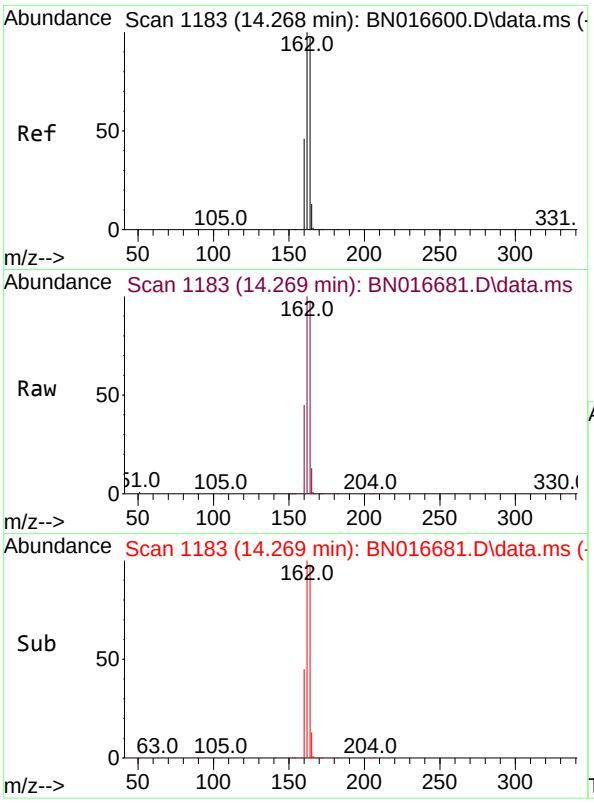
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:152 Resp: 71017

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4



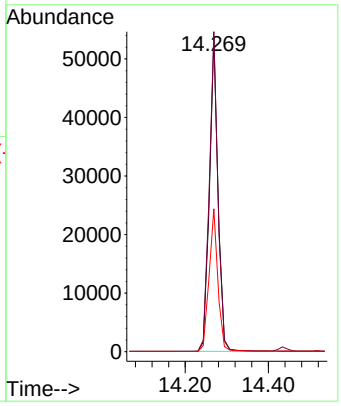
Instrument :
BNA_N
ClientSampleId :

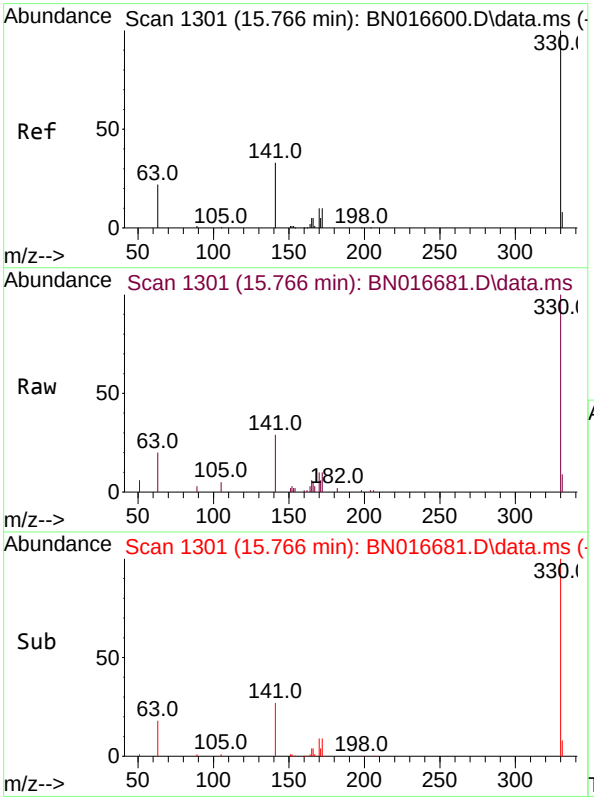


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:164 Resp: 77006

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	45.3	37.7	56.5

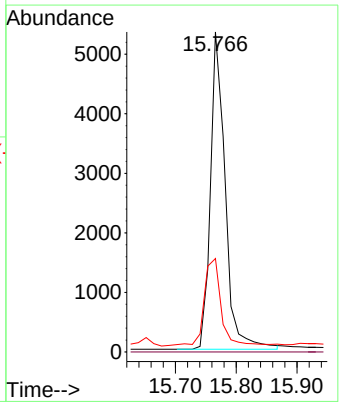


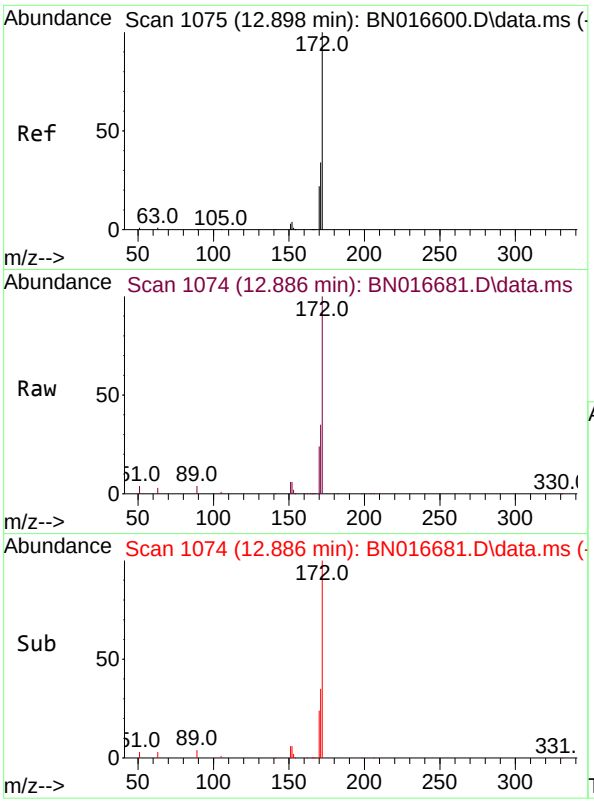


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:330 Resp: 8981

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	25.2	37.8

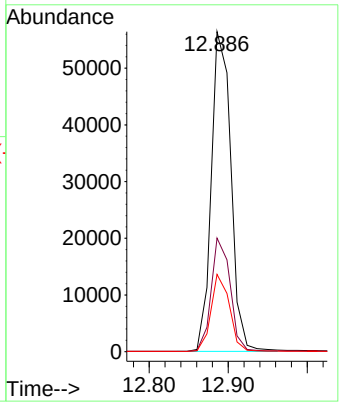


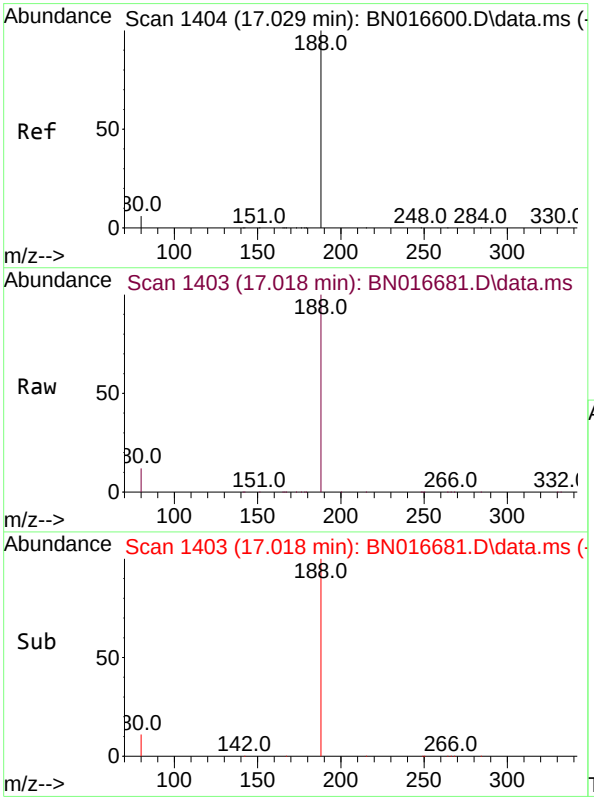


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:172 Resp: 97459

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.0	40.4
170	24.2	17.4	26.2

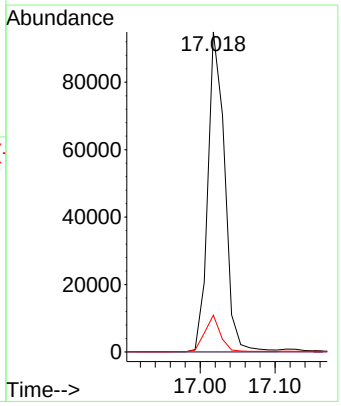




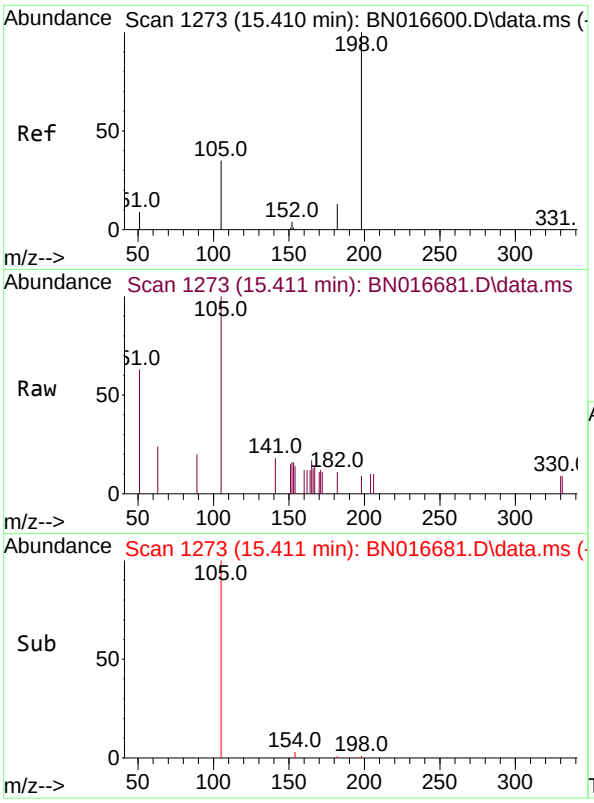
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:188 Resp: 147914

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.6#



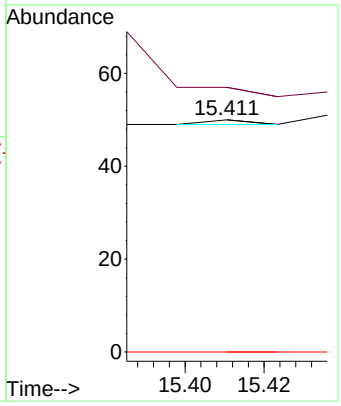
Instrument :
BNA_N
ClientSampleId :



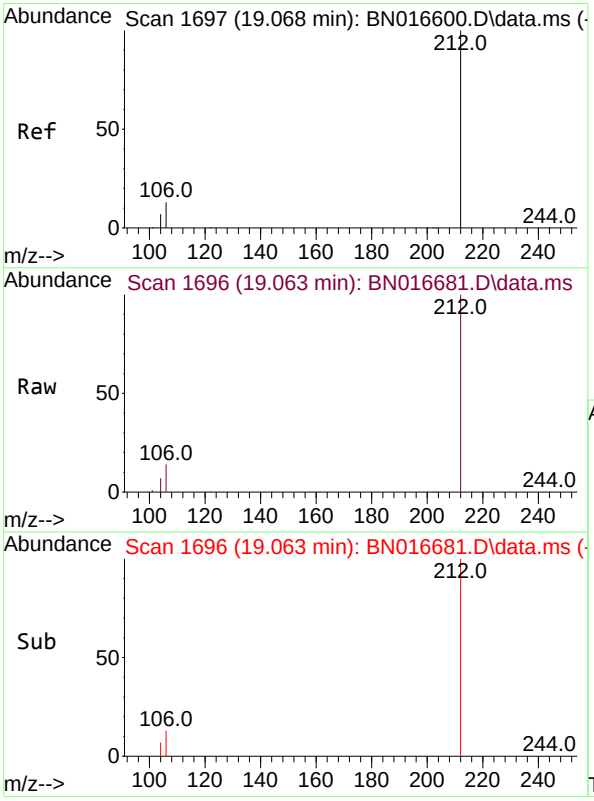
#20
4,6-Dinitro-2-methylphenol
Concen: 0.136 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
182	114.0	11.8	17.8#
77	0.0	0.0	0.0



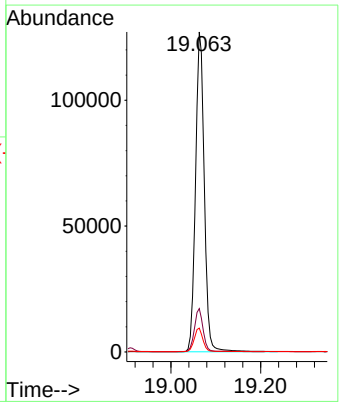
Instrument :
BNA_N
ClientSampleId :

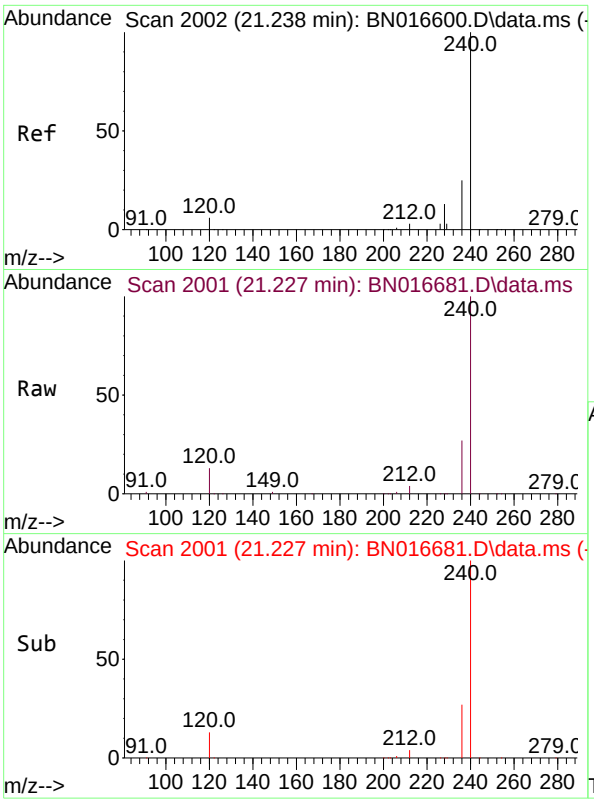


#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:212 Resp: 173864

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.2	5.9	8.9

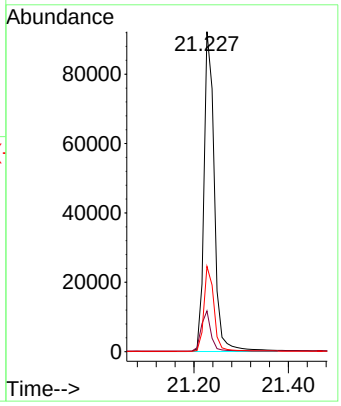




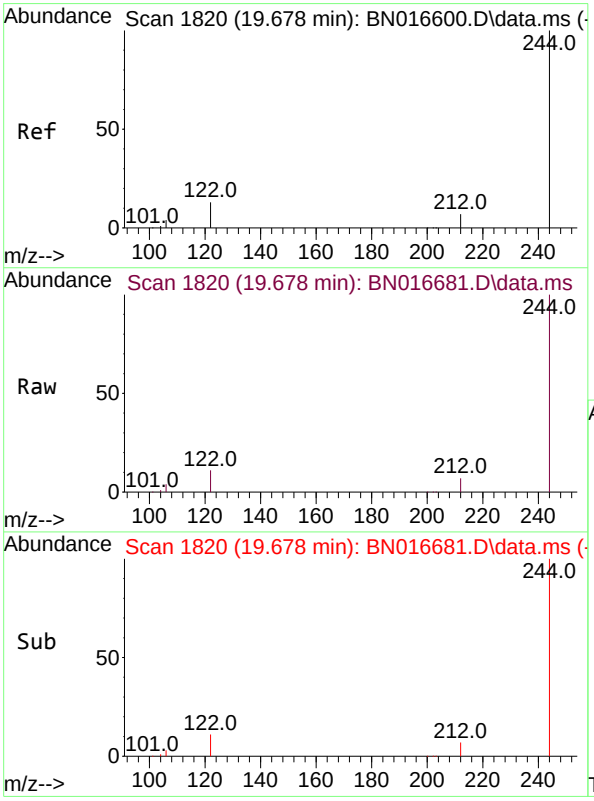
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:240 Resp: 139445

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.0	7.4#
236	26.7	20.4	30.6



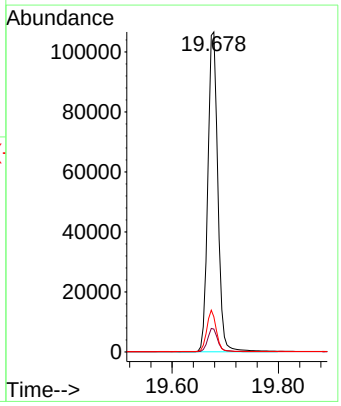
Instrument :
BNA_N
ClientSampleId :

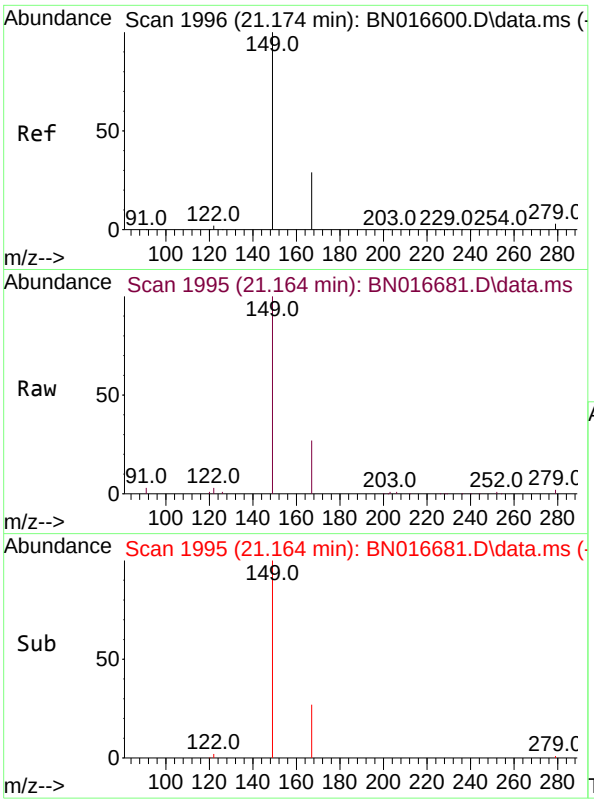


#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:244 Resp: 138650

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	10.1	15.1

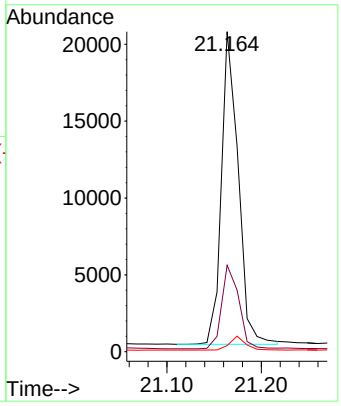




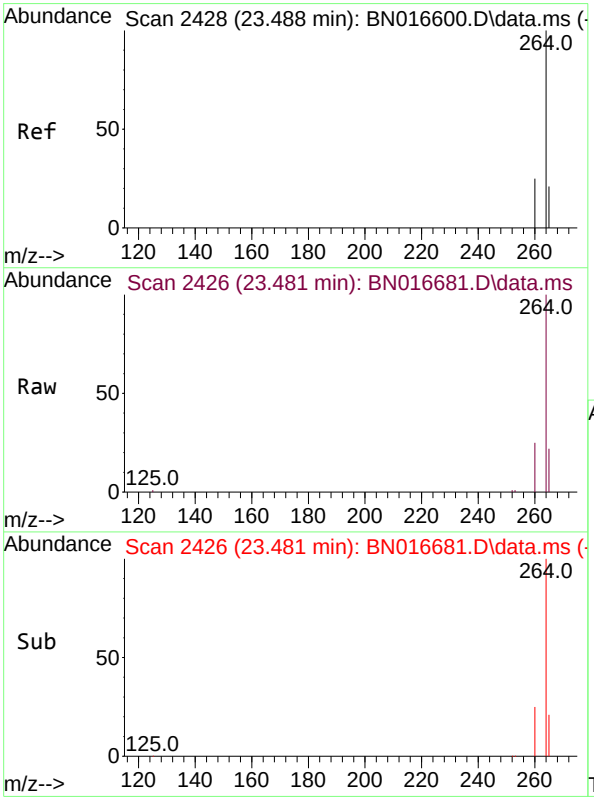
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:149 Resp: 25148

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	4.2	3.2	4.8



Instrument :
BNA_N
ClientSampleId :



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:264 Resp: 143850

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.2	19.2	28.8