

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016624.D
 Acq On : 01 Oct 2021 07:11
 Operator : CG/JU
 Sample : M3833-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210920

Quant Time: Oct 01 07:58:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

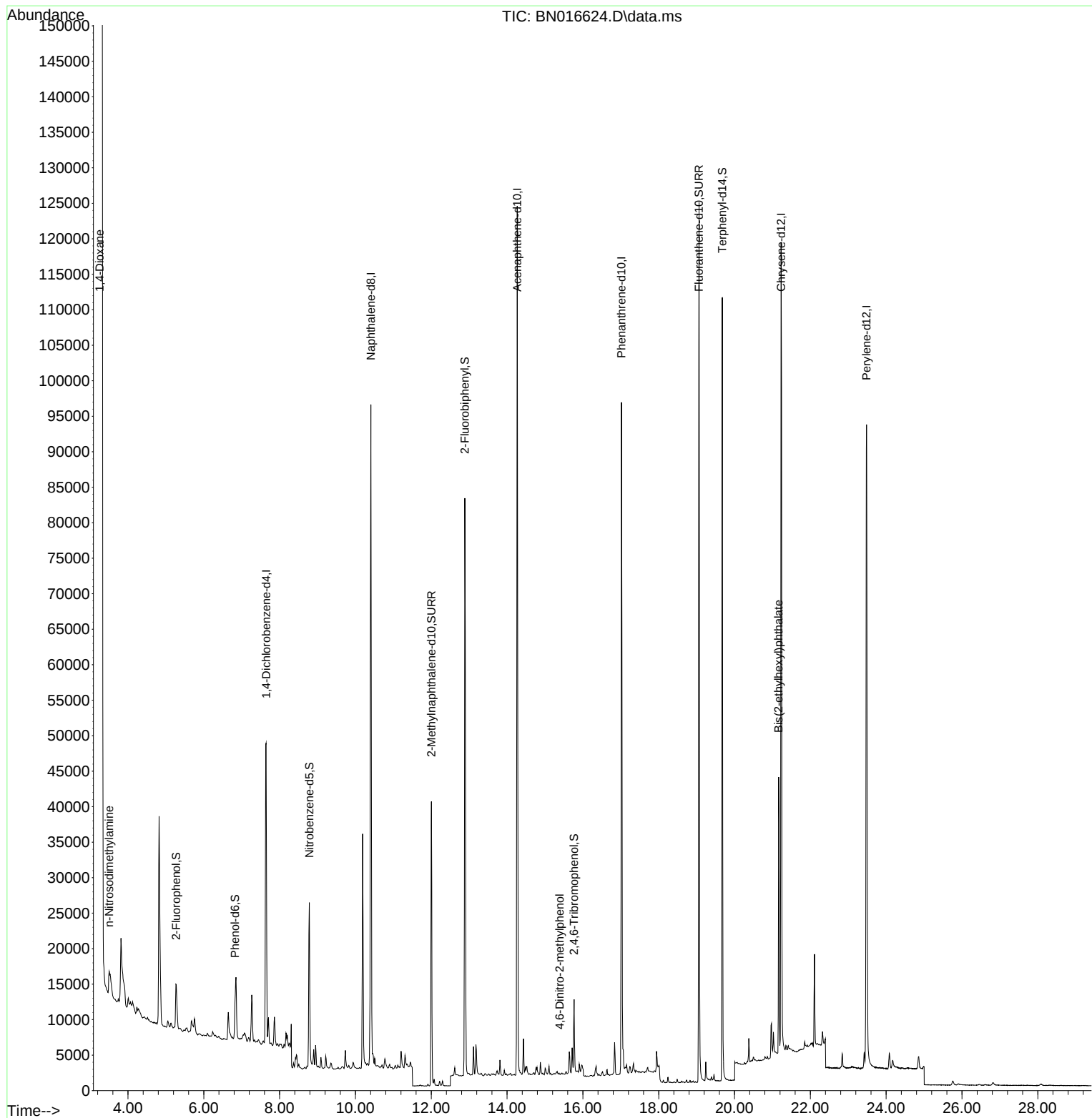
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27032	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	124539	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67600	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	128545	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	118354	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	123408	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8917	0.130	ng	0.02
5) Phenol-d6	6.822	99	5595	0.074	ng	0.00
8) Nitrobenzene-d5	8.784	82	21953	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	54247	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8892	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	74674	0.273	ng	-0.01
27) Fluoranthene-d10	19.063	212	137087	0.401	ng	0.00
31) Terphenyl-d14	19.678	244	116093	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	6280	0.505	ng	# 83
3) n-Nitrosodimethylamine	3.502	42	1642	0.082	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	9	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	39959	0.276	ng	100

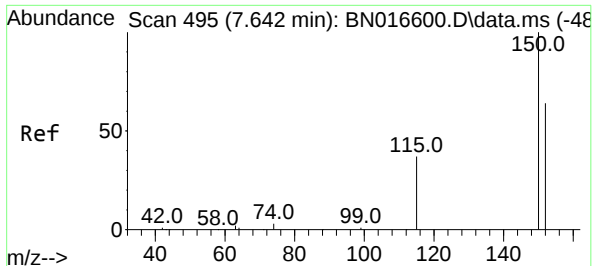
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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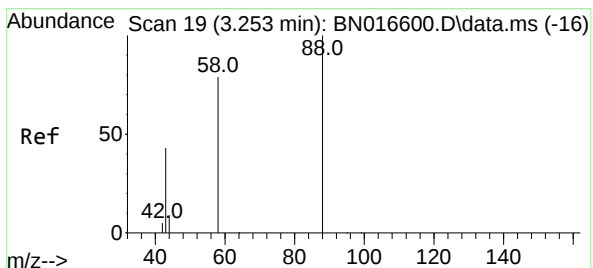
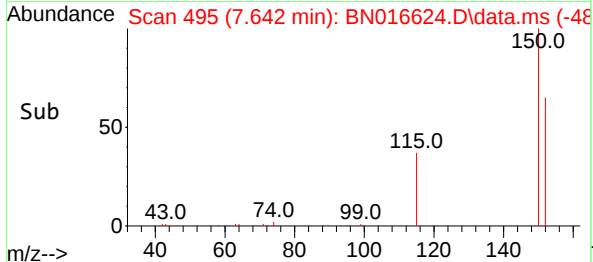
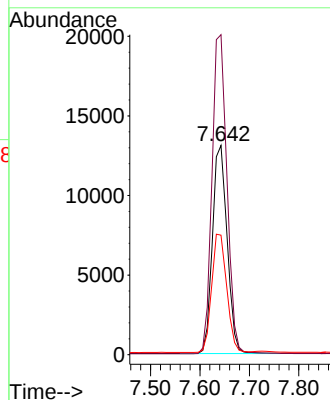
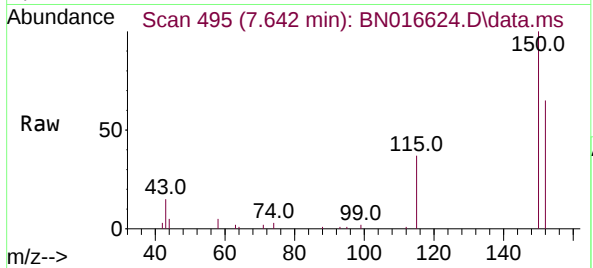




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

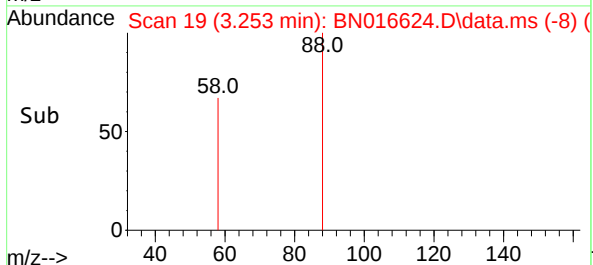
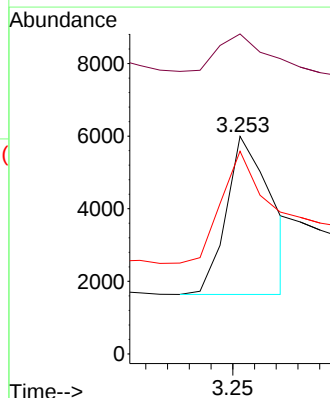
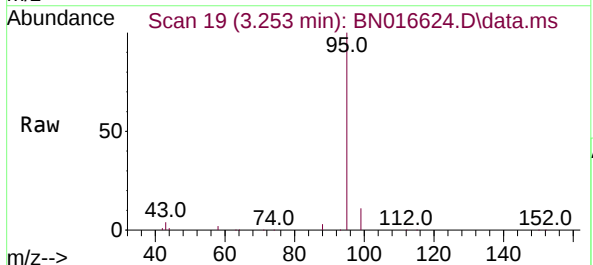
Instrument :
BNA_N
ClientSampleId :
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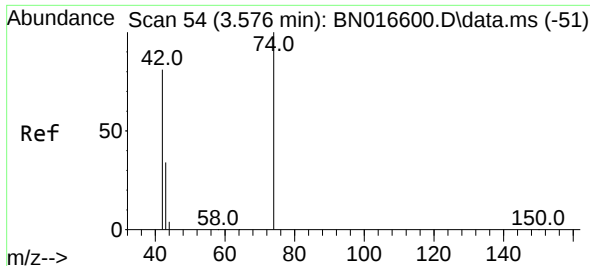
Tgt Ion:152 Resp: 27032
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 57.1 46.5 69.7



#2
1,4-Dioxane
Concen: 0.505 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion: 88 Resp: 6280
Ion Ratio Lower Upper
88 100
43 23.4 37.8 56.8#
58 72.3 61.3 91.9

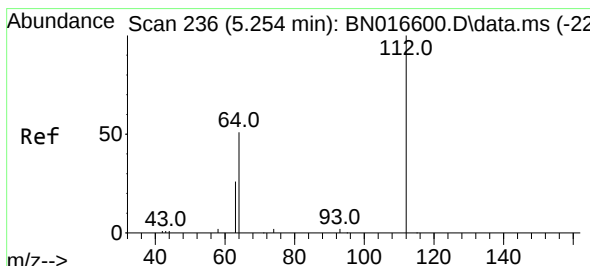
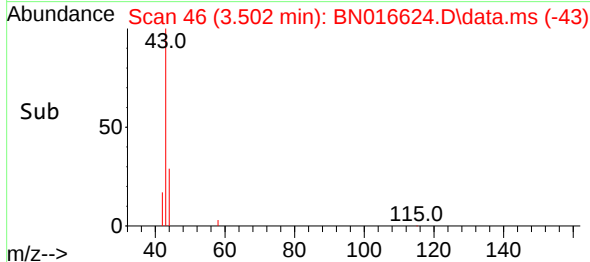
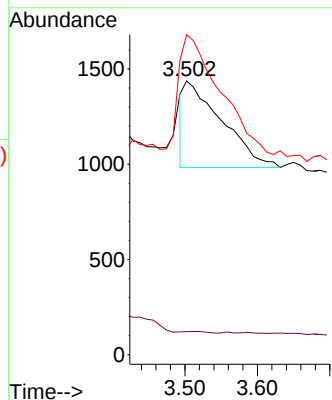
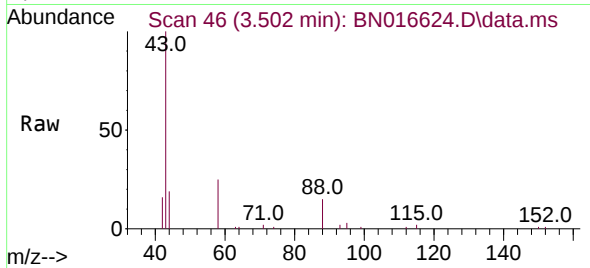




#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

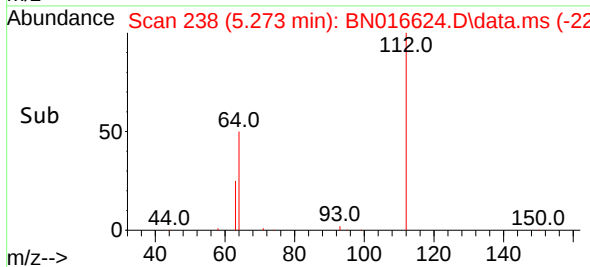
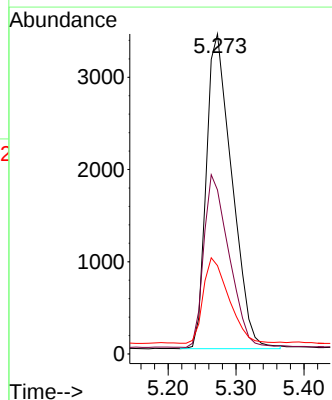
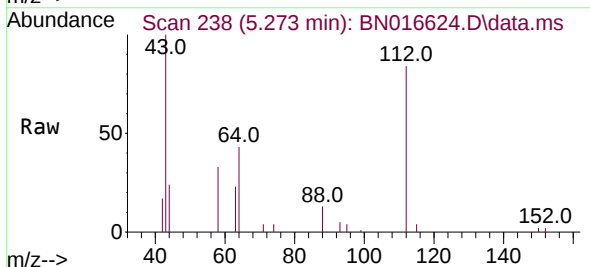
Instrument :
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ClientSampleId :
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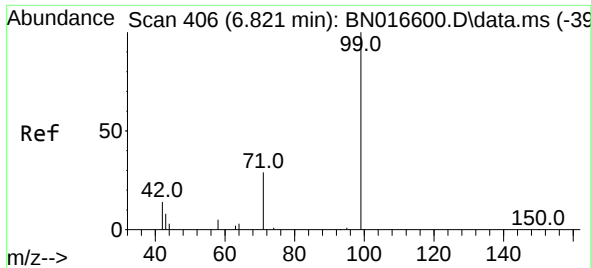
Tgt Ion: 42 Resp: 1642
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 154.3 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion: 112 Resp: 8917
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.0 21.6 32.4

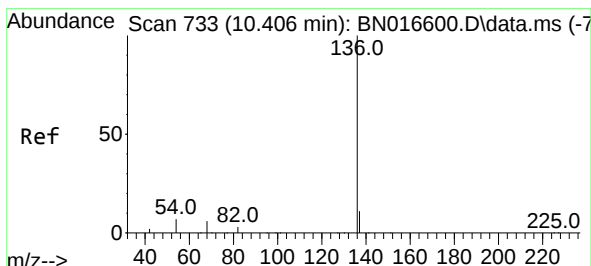
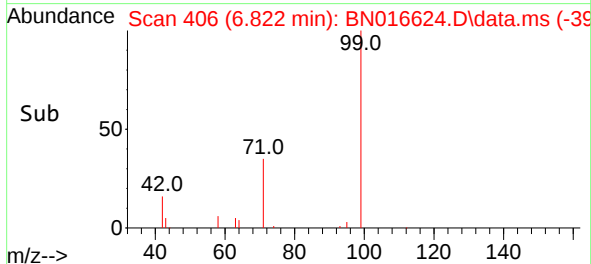
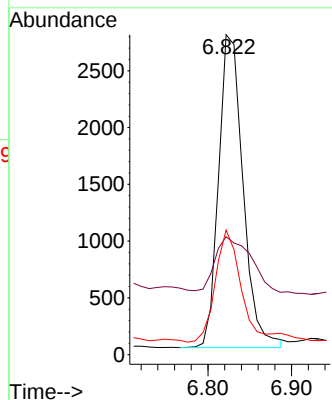
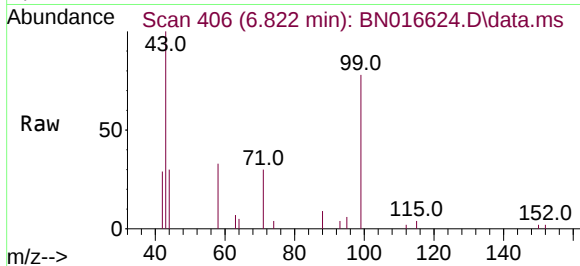




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

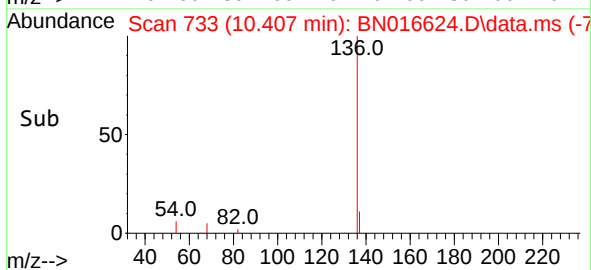
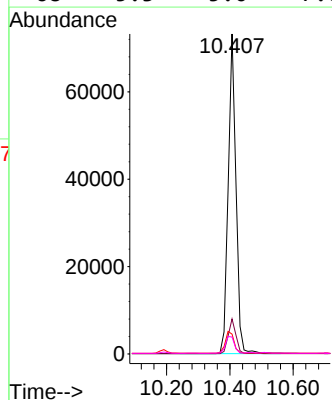
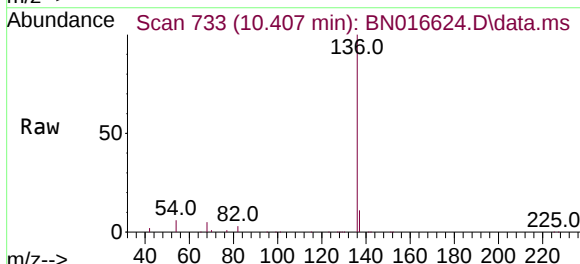
Instrument :
BNA_N
ClientSampleId :
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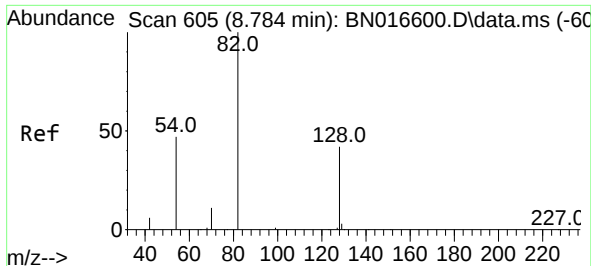
Tgt Ion:	99	Resp:	5595
Ion	Ratio	Lower	Upper
99	100		
42	25.7	13.0	19.6#
71	37.5	23.5	35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion:	136	Resp:	124539
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.2	5.9	8.9
68	5.3	5.0	7.6

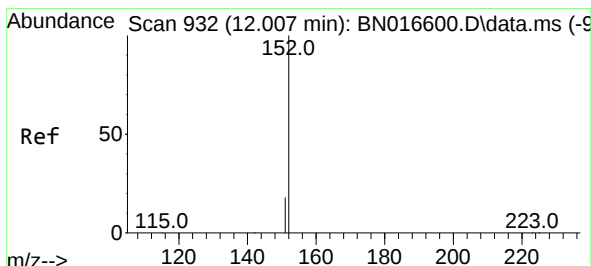
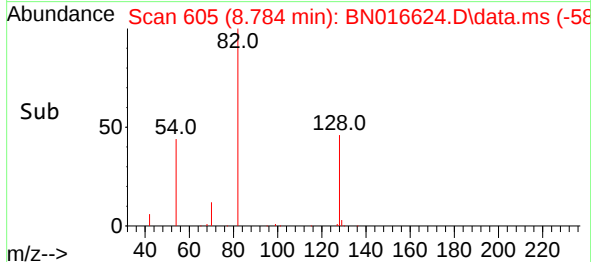
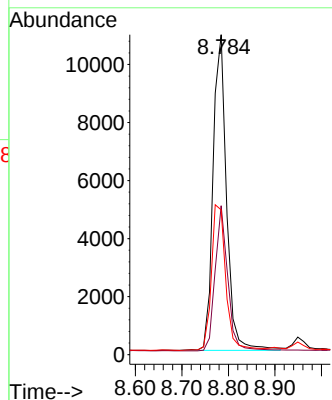
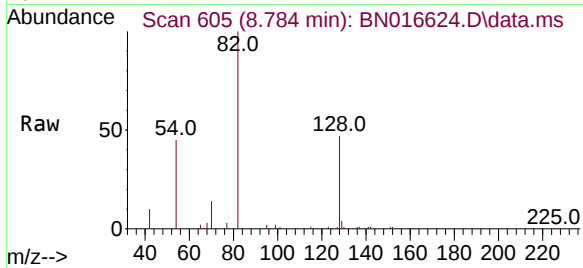




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

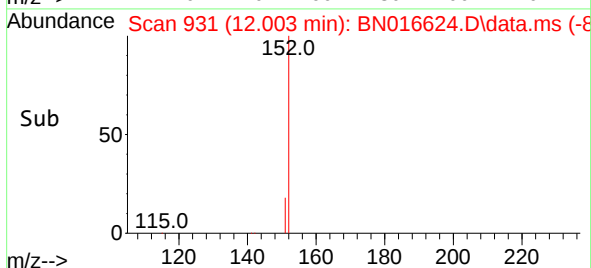
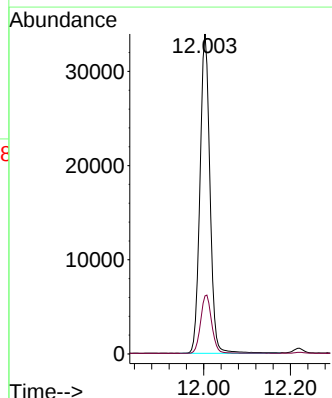
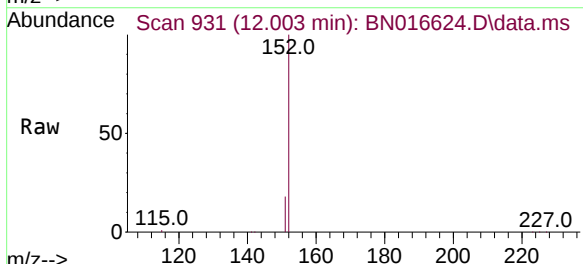
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920

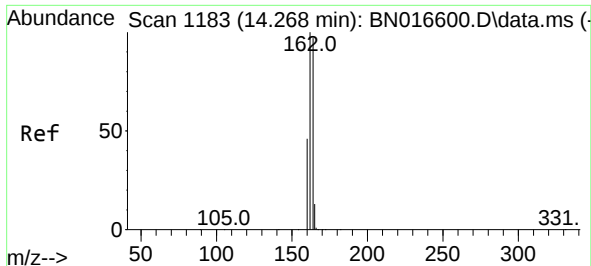
Tgt Ion:	82	Resp:	21953
Ion	Ratio	Lower	Upper
82	100		
128	46.5	33.6	50.4
54	45.3	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

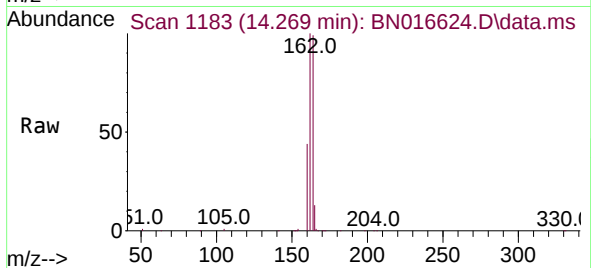
Tgt Ion:	152	Resp:	54247
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4



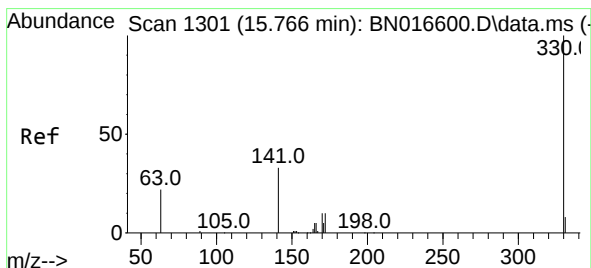
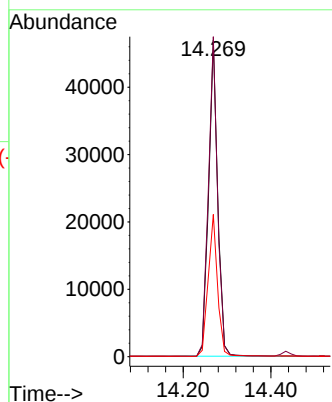
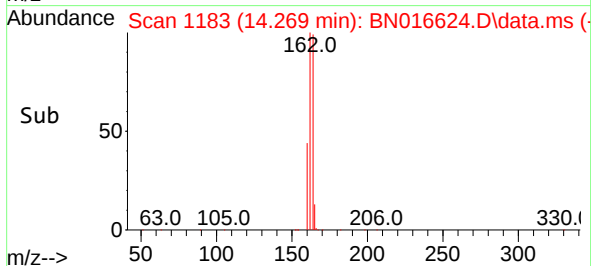


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

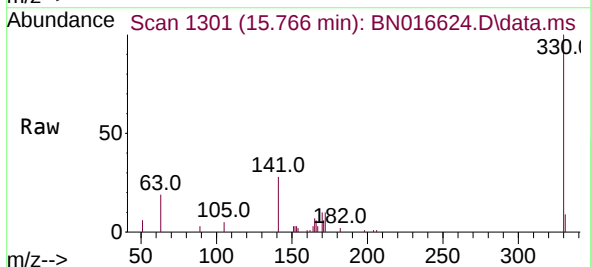
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920



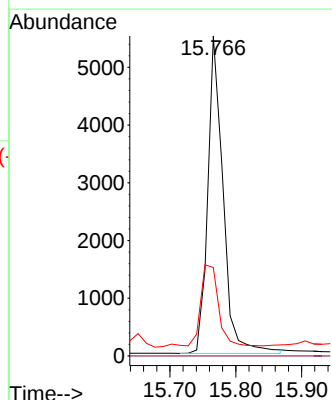
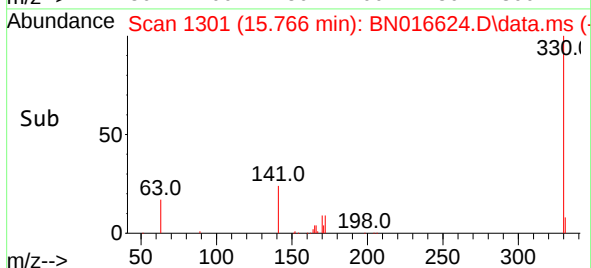
Tgt Ion:164 Resp: 67600
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 44.9 37.7 56.5

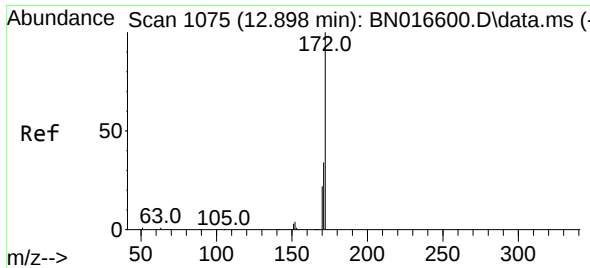


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11



Tgt Ion:330 Resp: 8892
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.8 25.2 37.8

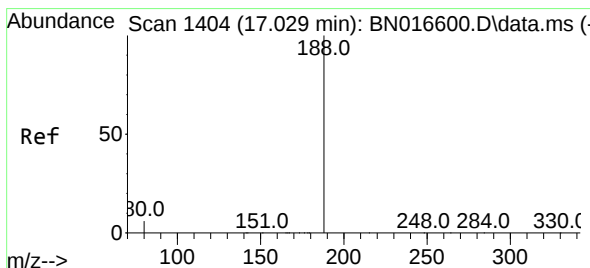
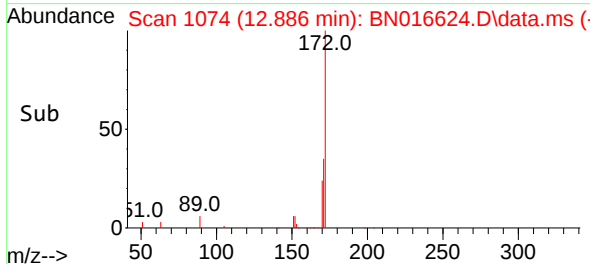
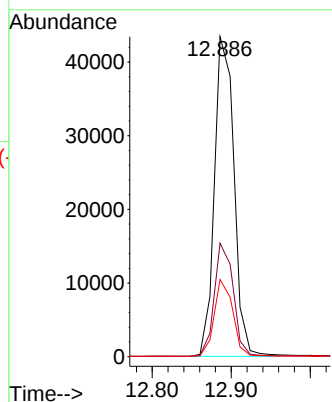
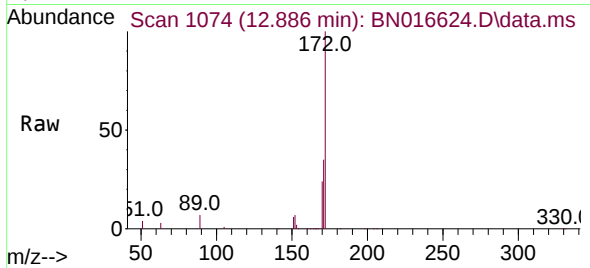




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

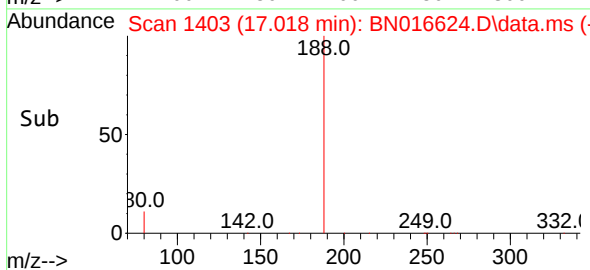
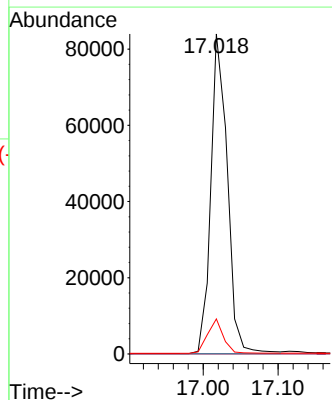
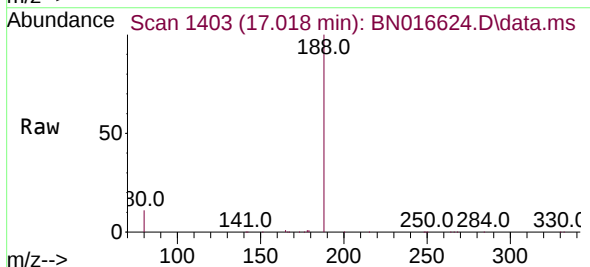
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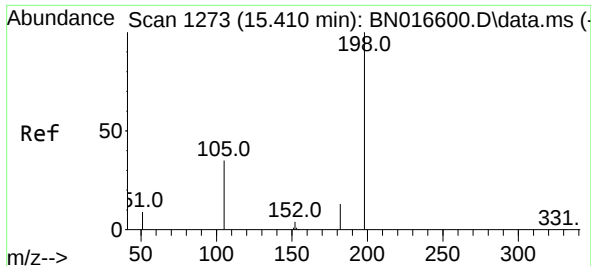
Tgt Ion:172	Resp:	74674
Ion Ratio	Lower	Upper
172	100	
171	35.4	27.0 40.4
170	24.1	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion:188	Resp:	128545
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.0	5.0 7.6#

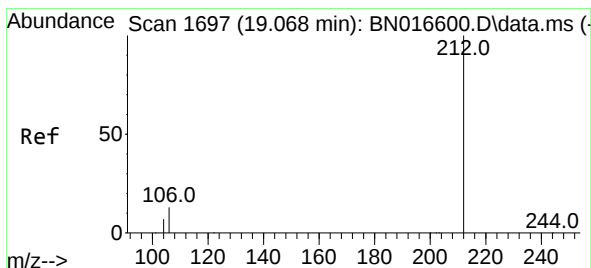
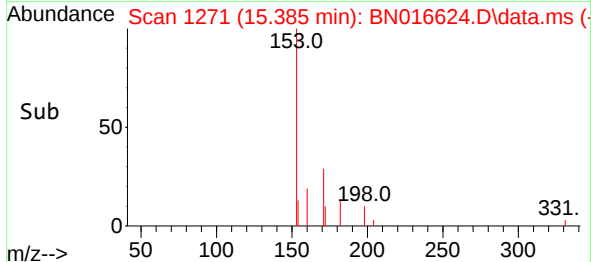
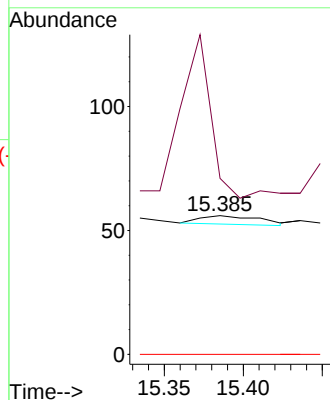
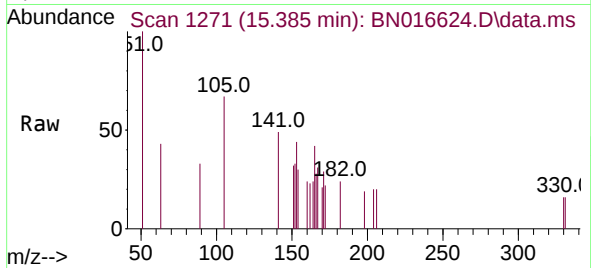




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

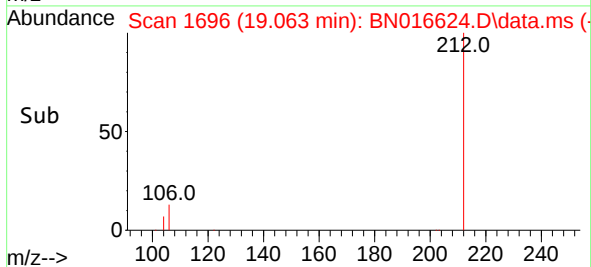
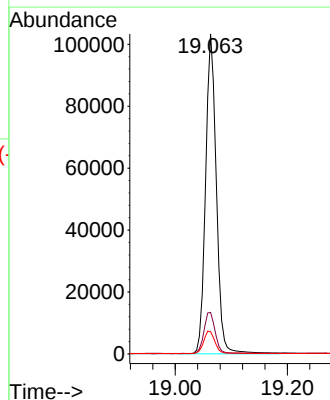
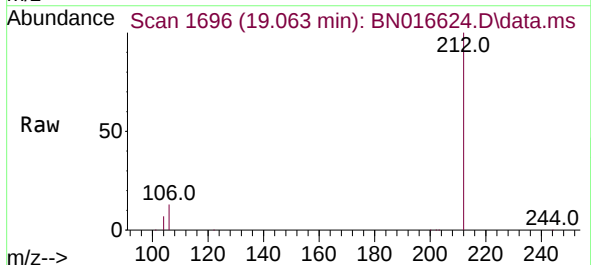
Instrument :
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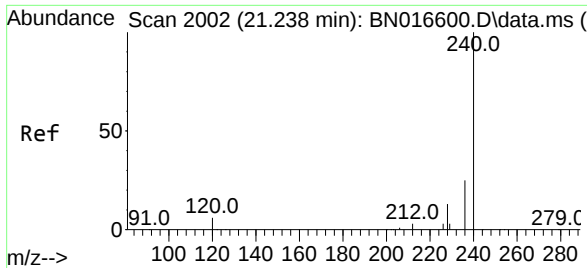
Tgt Ion:198	Resp:	9
Ion Ratio	Lower	Upper
198	100	
182	126.8	11.8 17.8#
77	0.0	0.0 0.0



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion:212	Resp:	137087
Ion Ratio	Lower	Upper
212	100	
106	13.4	10.6 16.0
104	7.3	5.9 8.9

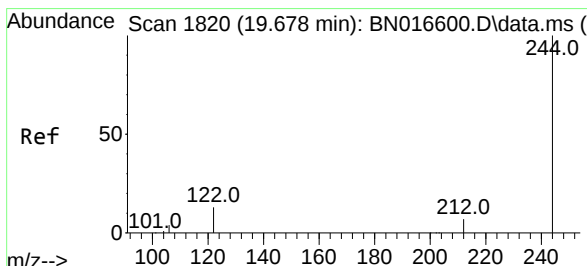
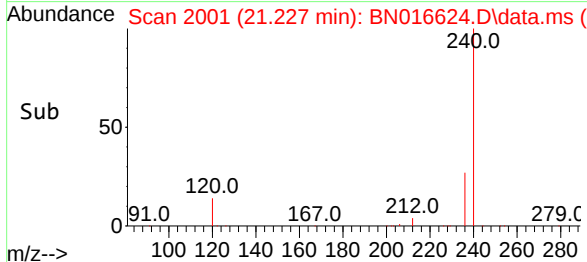
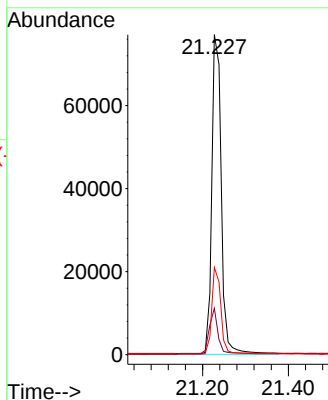
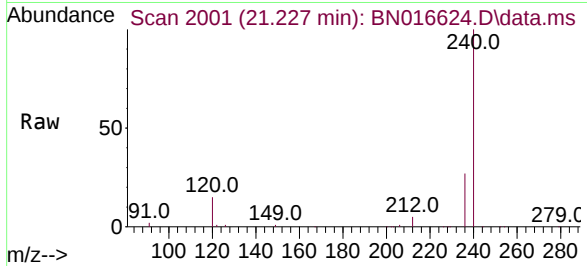




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

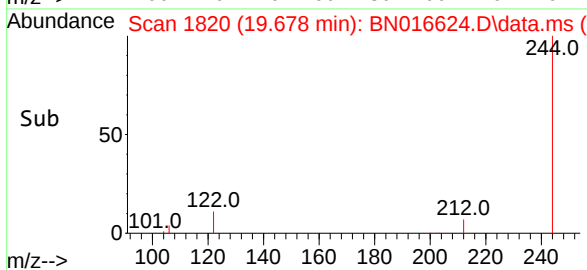
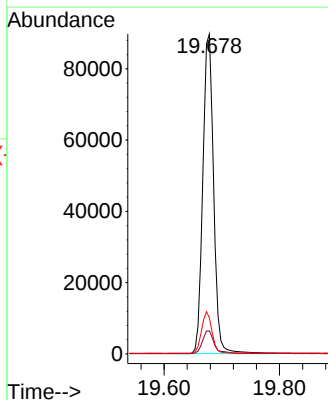
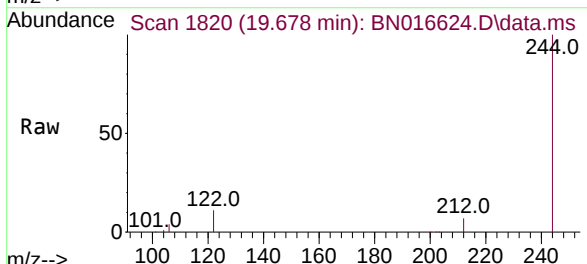
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920

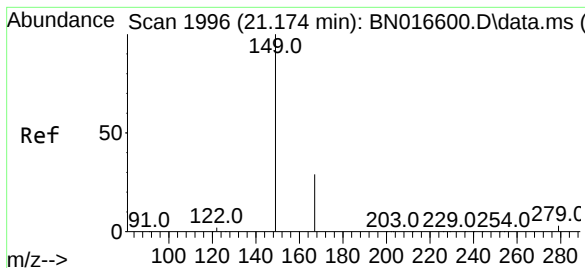
Tgt Ion:240 Resp: 118354
Ion Ratio Lower Upper
240 100
120 14.5 5.0 7.4#
236 27.3 20.4 30.6



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion:244 Resp: 116093
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.2 10.1 15.1

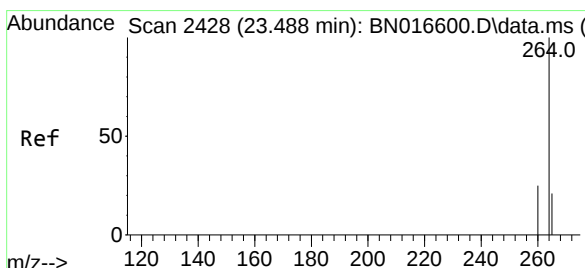
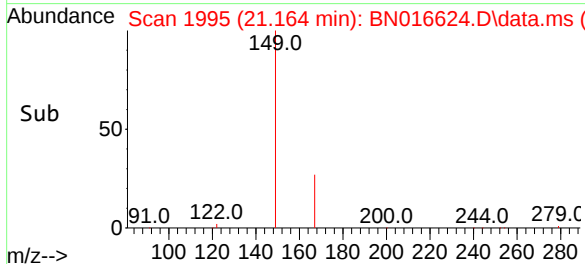
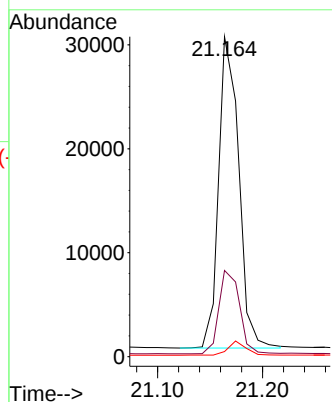
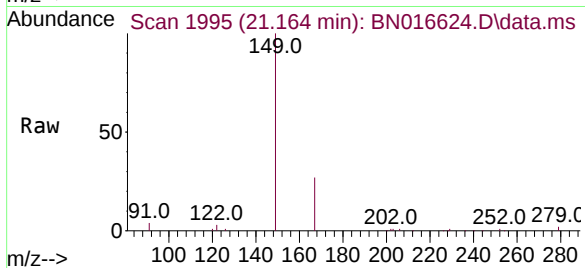




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.276 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920

Tgt Ion:	149	Resp:	39959
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.2	33.4
279	4.1	3.2	4.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016624.D
Acq: 01 Oct 2021 07:11

Tgt Ion:	264	Resp:	123408
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.9	29.9
265	23.3	19.2	28.8

