

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016623.D
 Acq On : 01 Oct 2021 06:35
 Operator : CG/JU
 Sample : M3986-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 01 07:24:36 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)

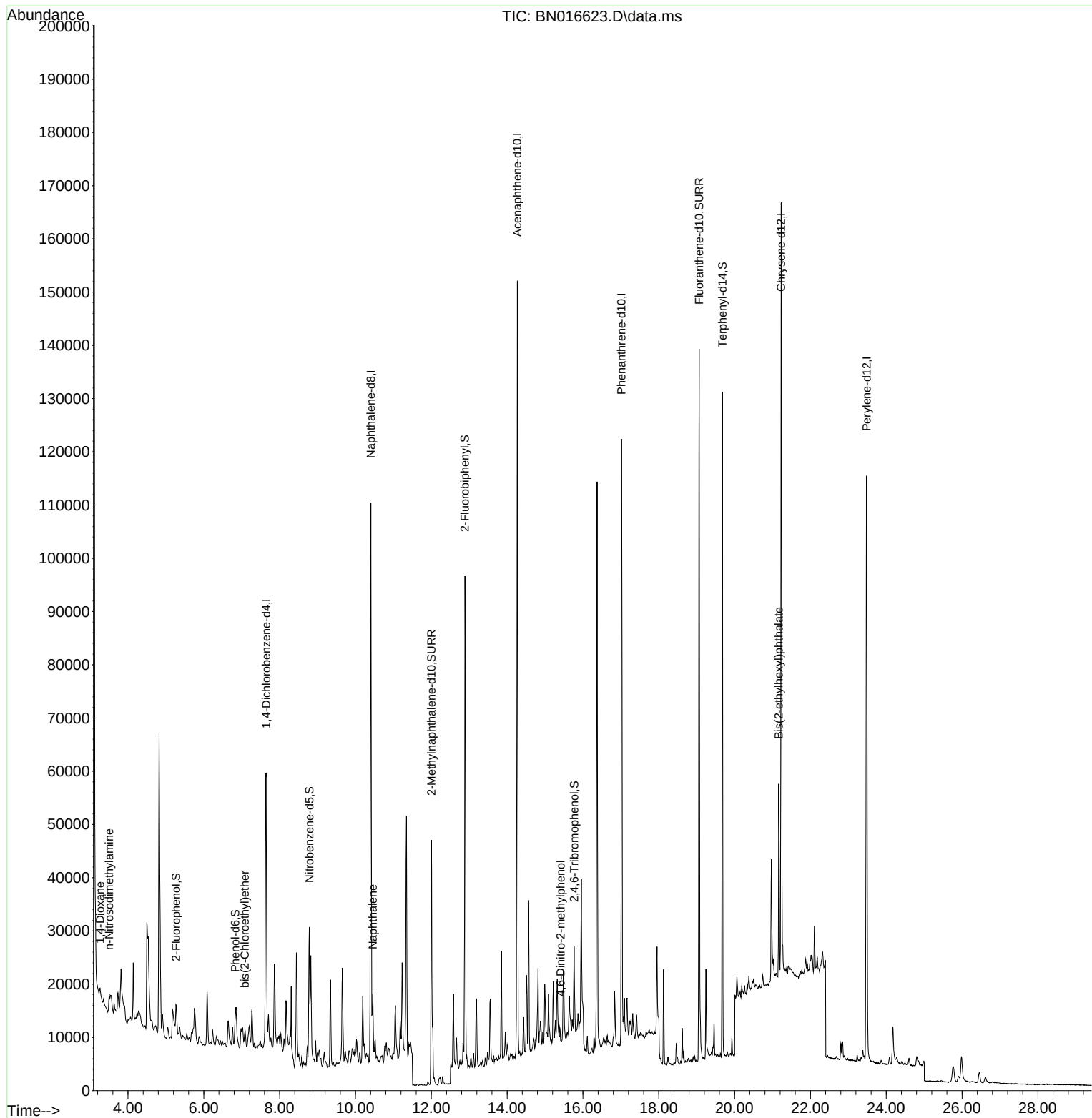
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30001	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	139666	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	77380	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	147085	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	138089	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	147488	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8174	0.107	ng	0.02
5) Phenol-d6	6.831	99	5244	0.063	ng	0.00
8) Nitrobenzene-d5	8.784	82	24142	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	62037	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12956	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	83973	0.268	ng	-0.01
27) Fluoranthene-d10	19.063	212	144609	0.370	ng	0.00
31) Terphenyl-d14	19.679	244	123613	0.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	379	0.027	ng	# 1
3) n-Nitrosodimethylamine	3.502	42	1438	0.065	ng	# 1
6) bis(2-Chloroethyl)ether	7.080	93	4555	0.056	ng	# 26
9) Naphthalene	10.457	128	15221	0.040	ng	96
20) 4,6-Dinitro-2-methylph...	15.411	198	53	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	34892	0.206	ng	99

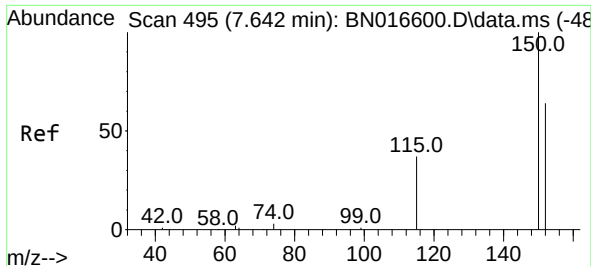
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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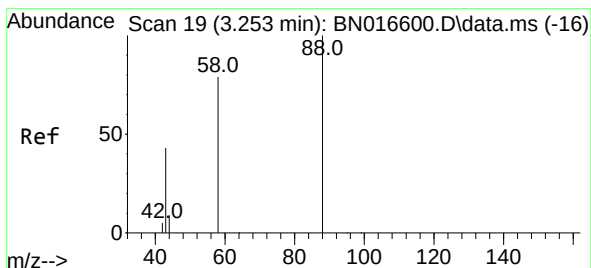
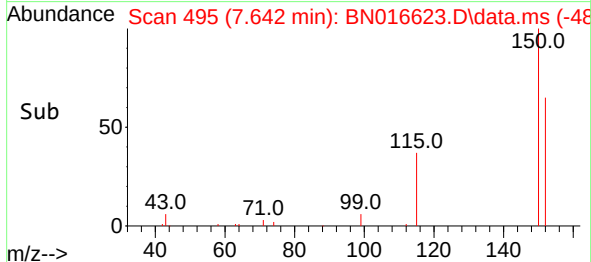
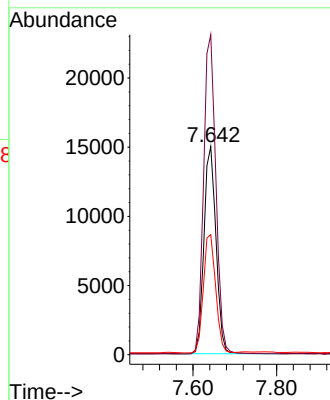
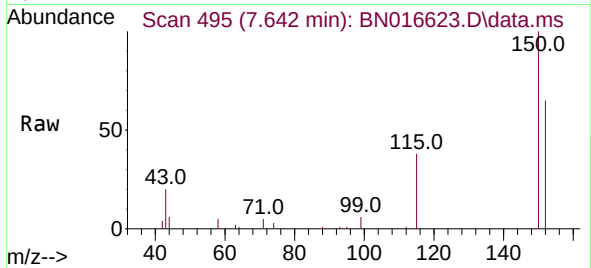




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016623.D
 Acq: 01 Oct 2021 06:35

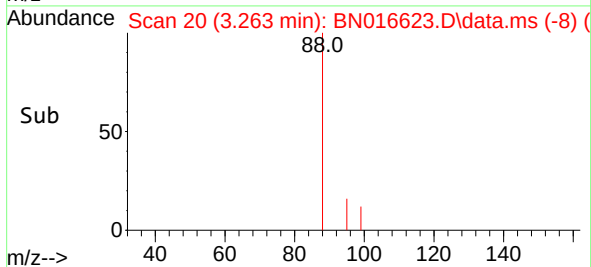
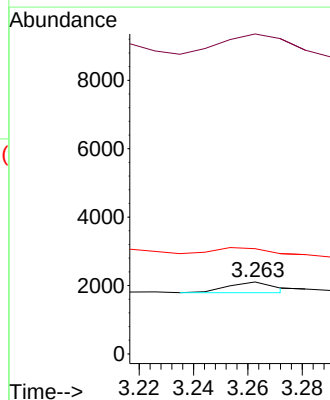
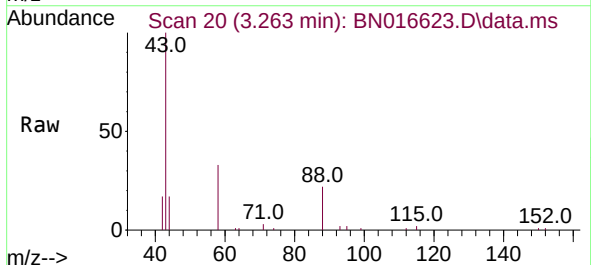
Instrument :
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 P287-DITCH

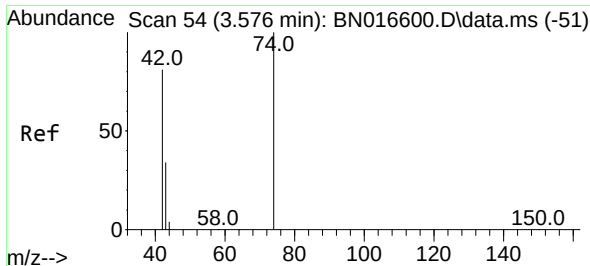
Tgt Ion: 152 Resp: 30001
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 57.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.263 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: BN016623.D
 Acq: 01 Oct 2021 06:35

Tgt Ion: 88 Resp: 379
 Ion Ratio Lower Upper
 88 100
 43 240.4 37.8 56.8#
 58 55.1 61.3 91.9#

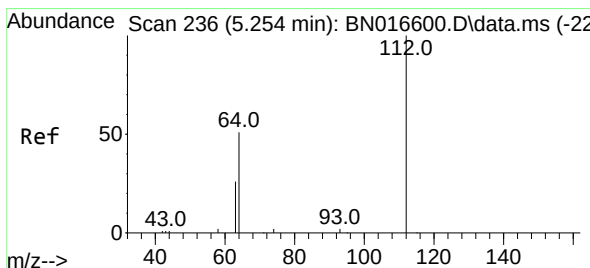
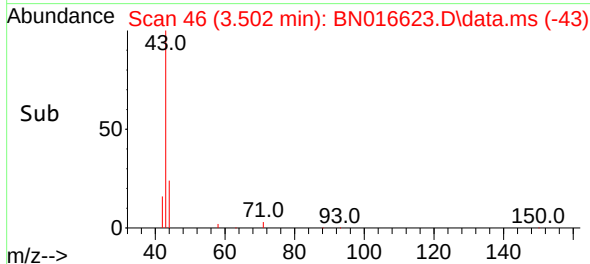
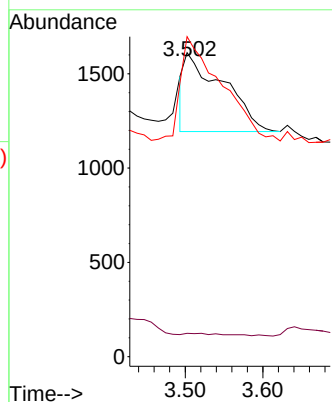
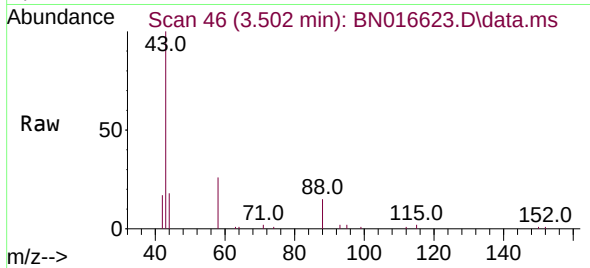




#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

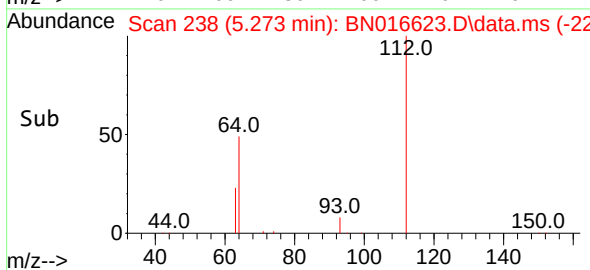
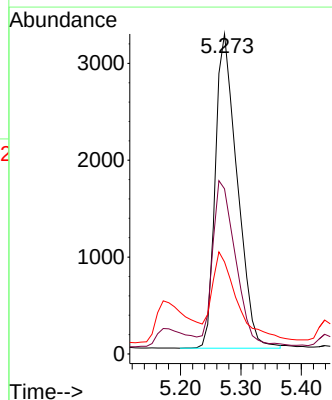
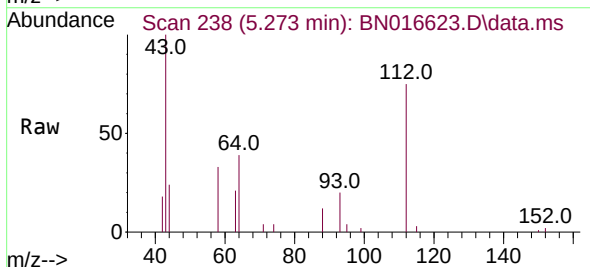
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

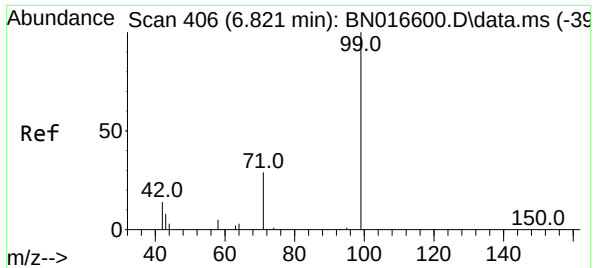
Tgt Ion: 42 Resp: 1438
Ion Ratio Lower Upper
42 100
74 3.9 121.6 182.4#
44 127.1 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion: 112 Resp: 8174
Ion Ratio Lower Upper
112 100
64 53.0 43.1 64.7
63 28.6 21.6 32.4

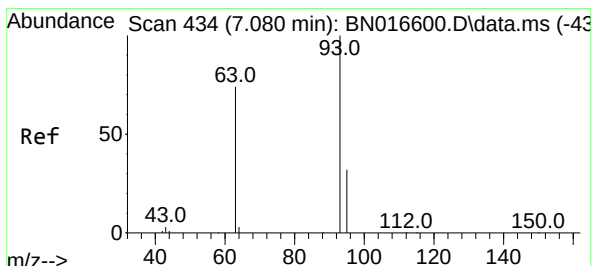
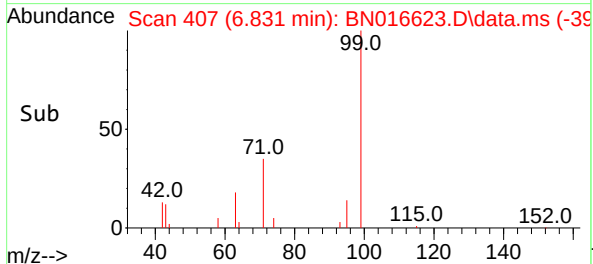
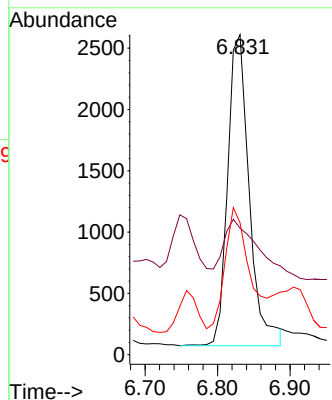
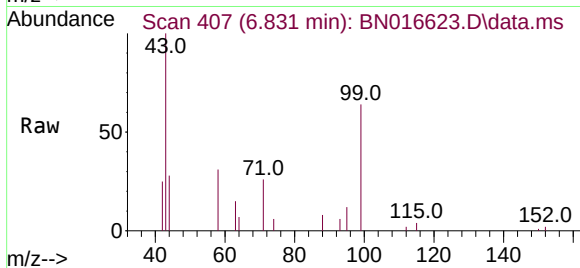




#5
Phenol-d6
Concen: 0.063 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

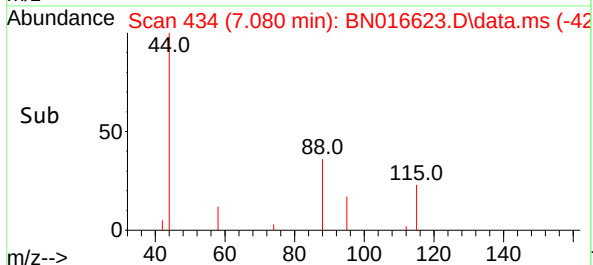
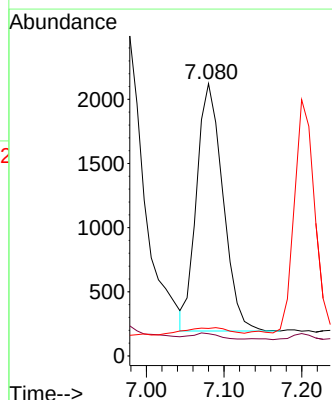
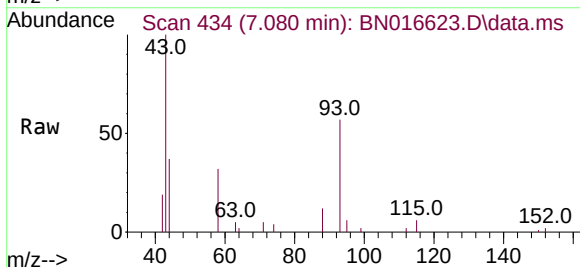
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

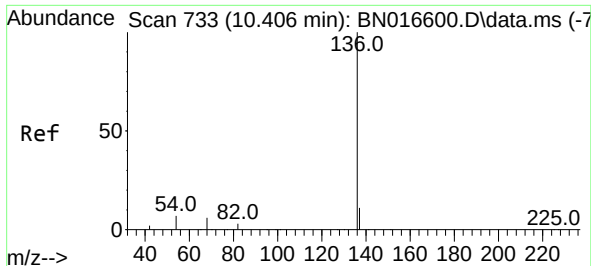
Tgt Ion: 99 Resp: 5244
Ion Ratio Lower Upper
99 100
42 21.0 13.0 19.6#
71 44.1 23.5 35.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion: 93 Resp: 4555
Ion Ratio Lower Upper
93 100
63 2.3 59.1 88.7#
95 5.2 26.2 39.4#

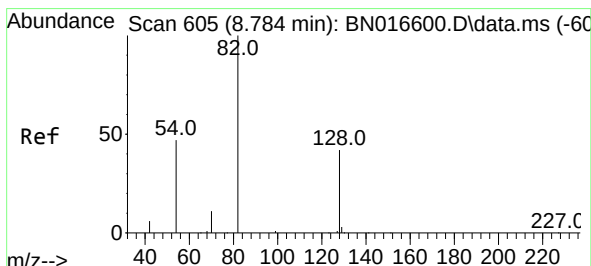
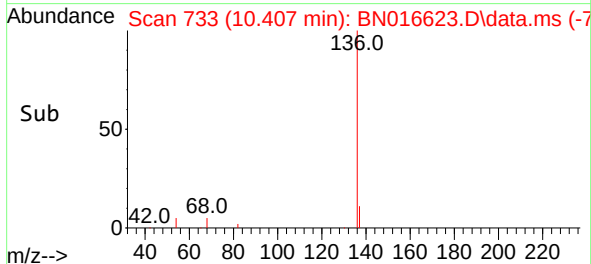
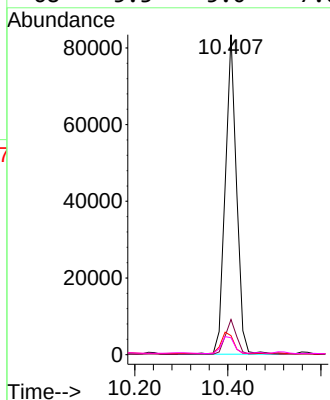
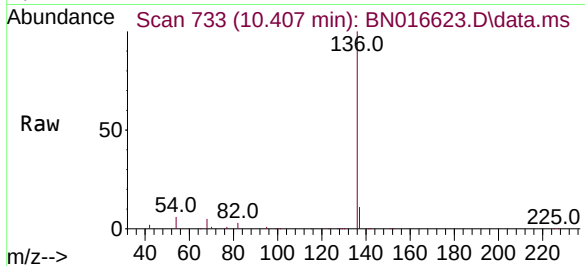




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

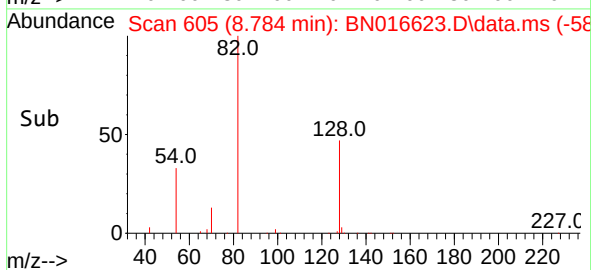
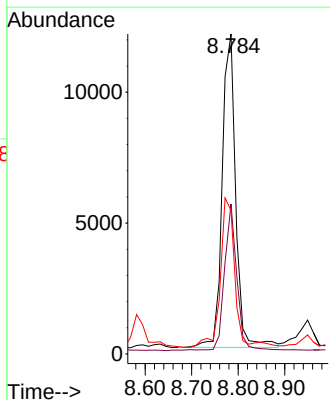
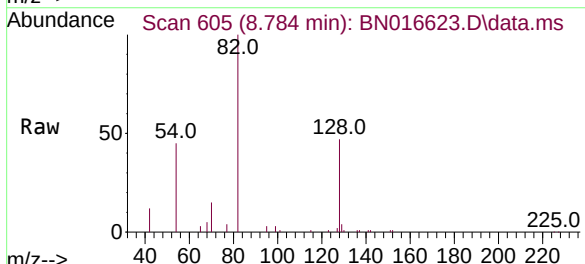
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

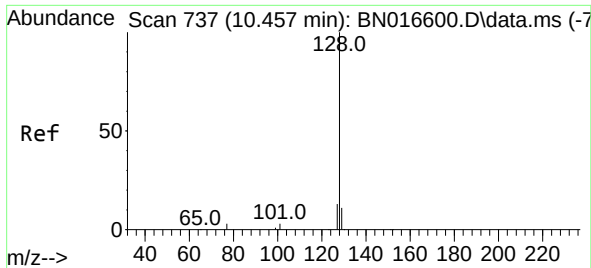
Tgt Ion:136	Resp:	139666
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	6.0	5.9 8.9
68	5.3	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion: 82	Resp:	24142
Ion Ratio	Lower	Upper
82	100	
128	46.9	33.6 50.4
54	44.8	37.6 56.4

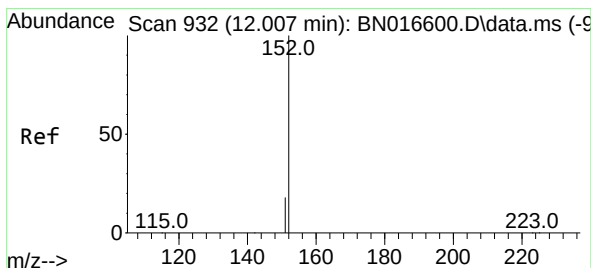
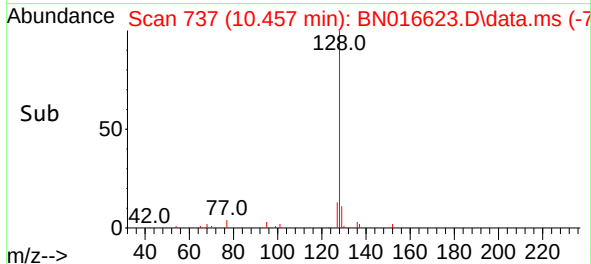
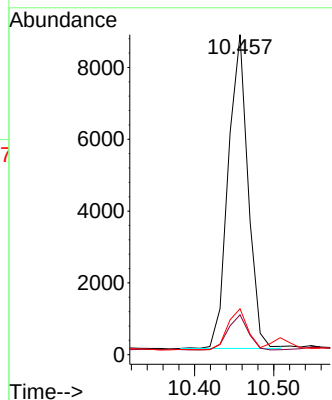
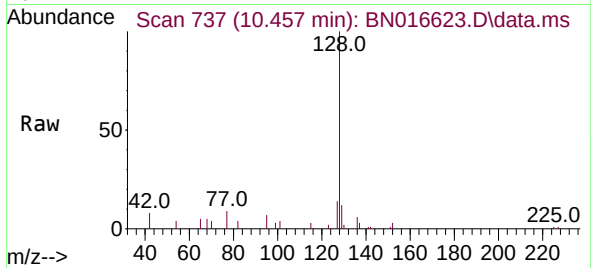




#9
Naphthalene
Concen: 0.040 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

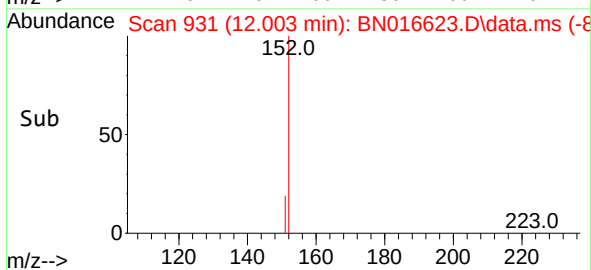
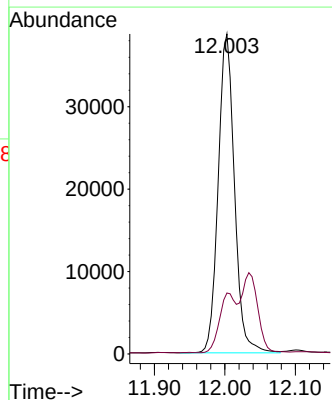
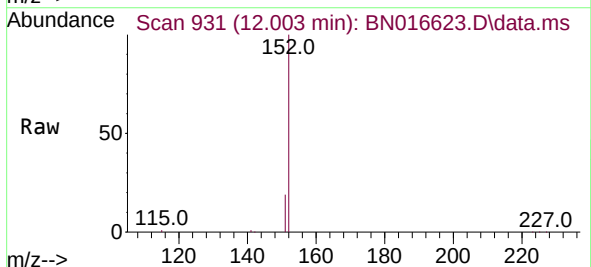
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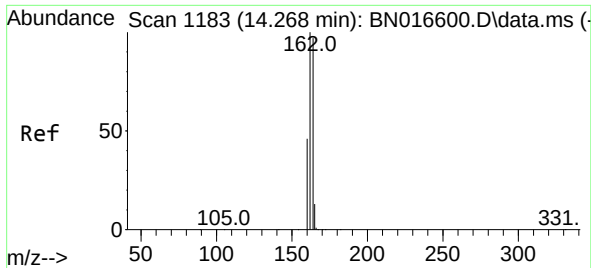
Tgt Ion:	128	Resp:	15221
Ion Ratio	Lower	Upper	
128	100		
129	12.5	8.8	13.2
127	14.3	10.3	15.5



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:	152	Resp:	62037
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.2	24.4

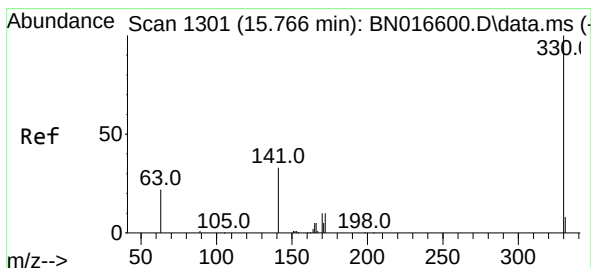
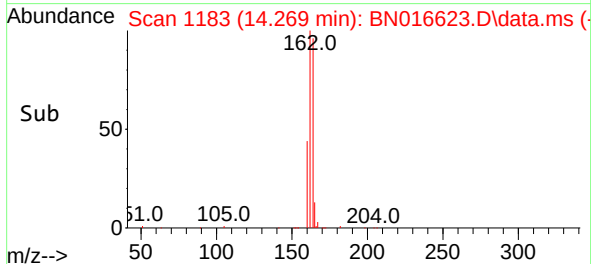
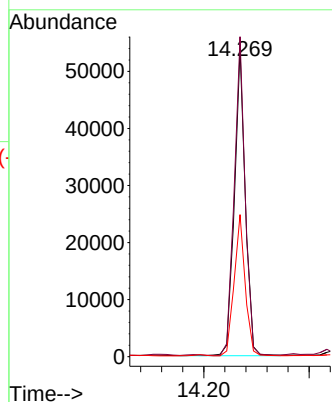
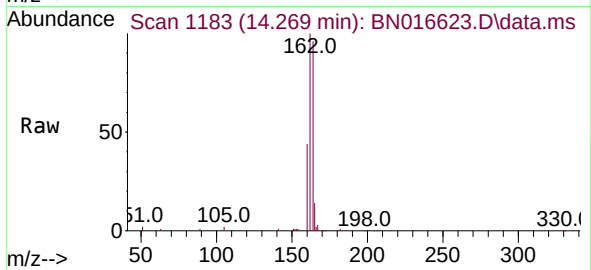




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

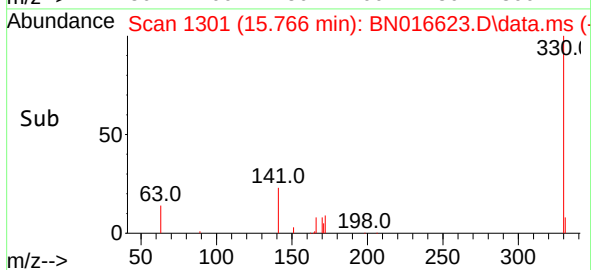
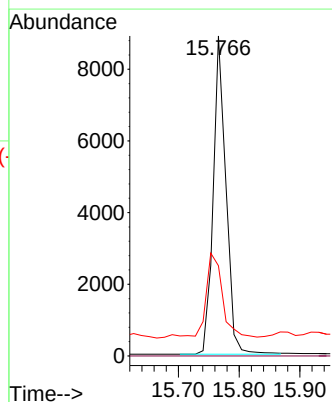
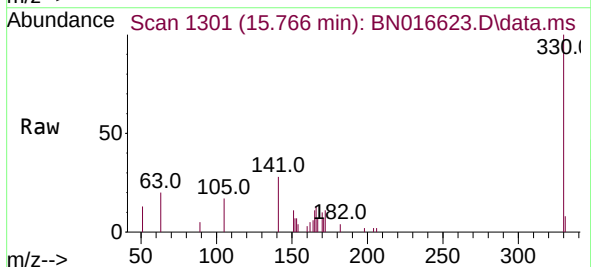
Instrument :
BNA_N
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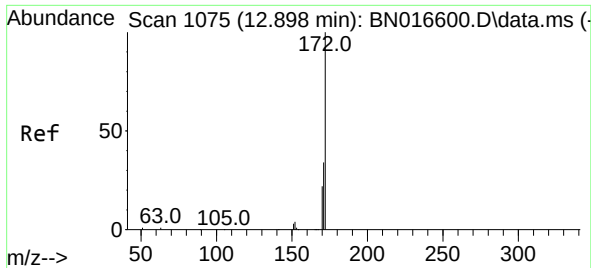
Tgt Ion:164 Resp: 77380
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.2
160 46.1 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:330 Resp: 12956
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.8 25.2 37.8

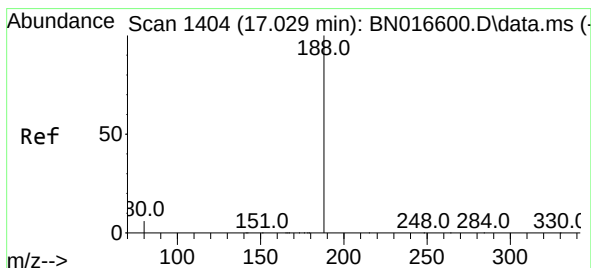
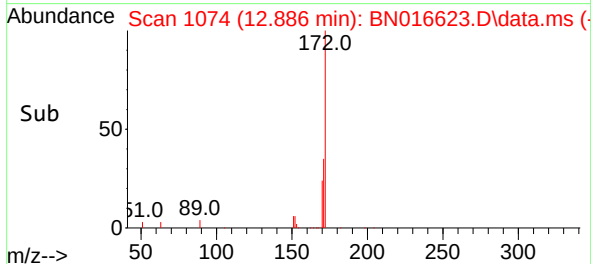
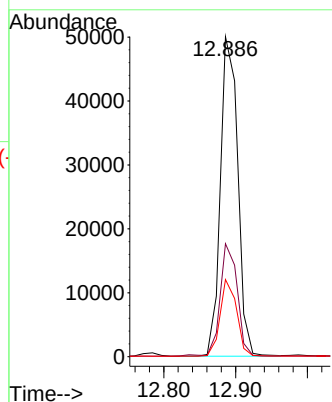
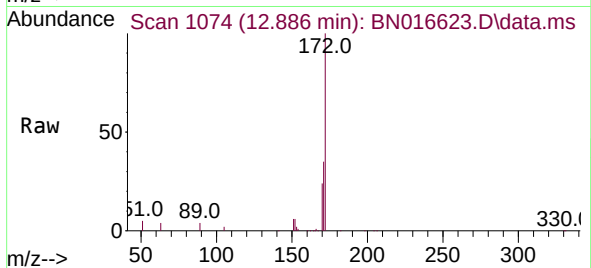




#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

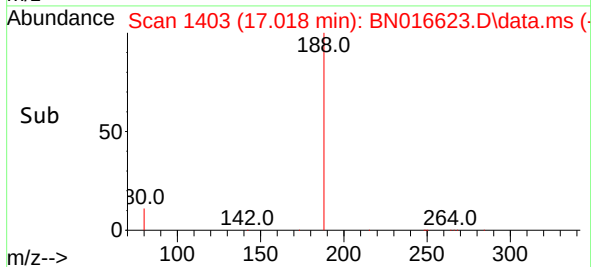
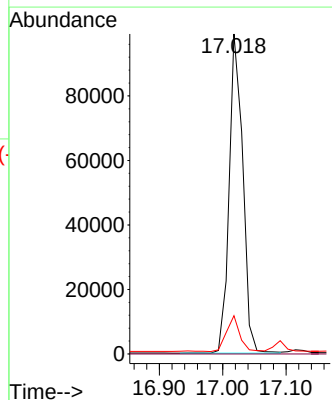
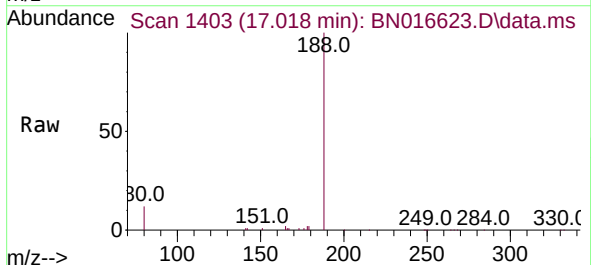
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

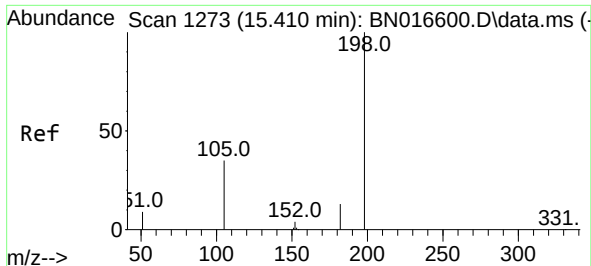
Tgt Ion:	172	Resp:	83973
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.0	40.4
170	24.1	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:	188	Resp:	147085
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.6#

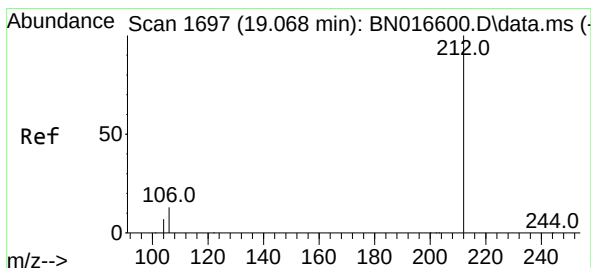
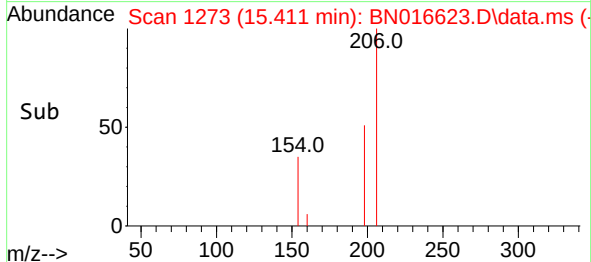
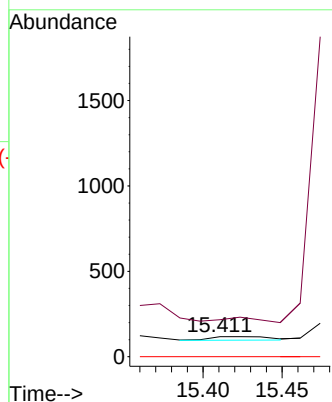
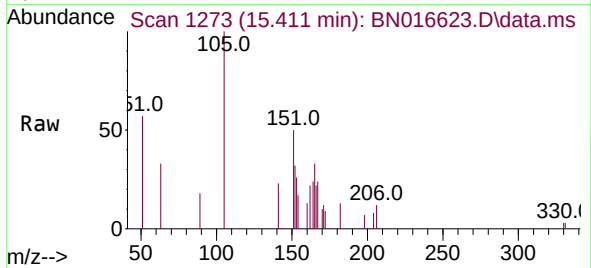




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

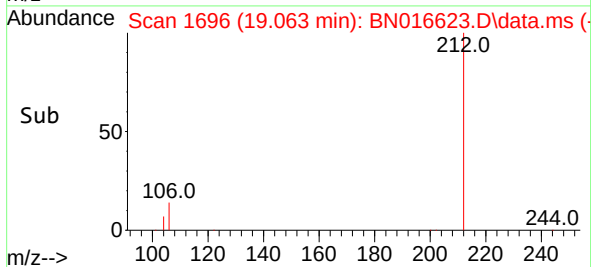
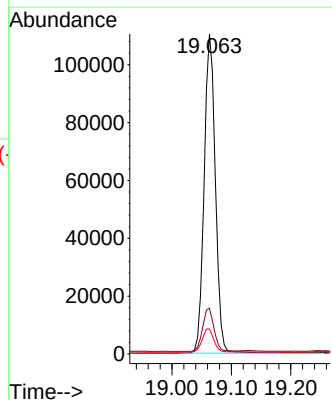
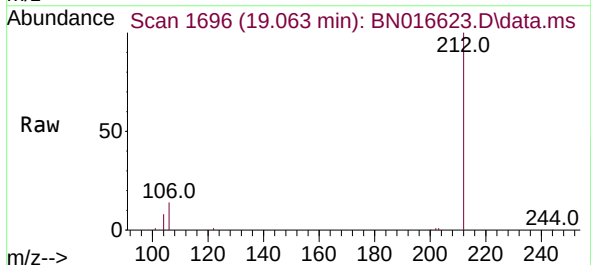
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

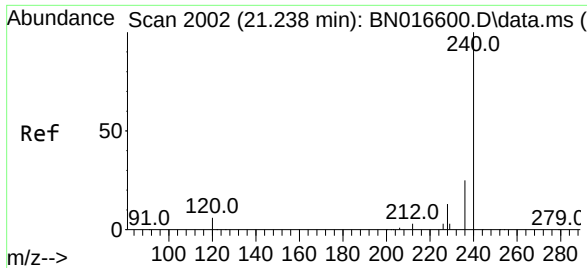
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
182 185.5 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:212 Resp: 144609
Ion Ratio Lower Upper
212 100
106 13.7 10.6 16.0
104 7.5 5.9 8.9

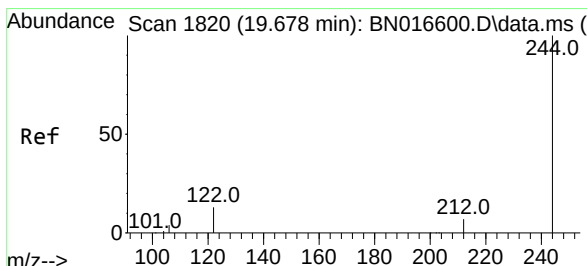
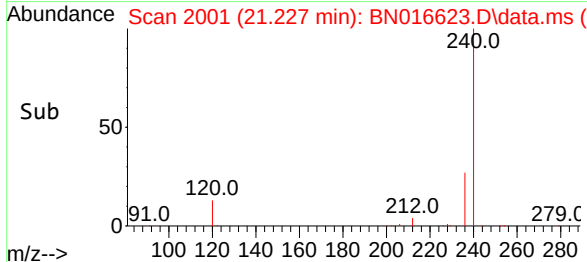
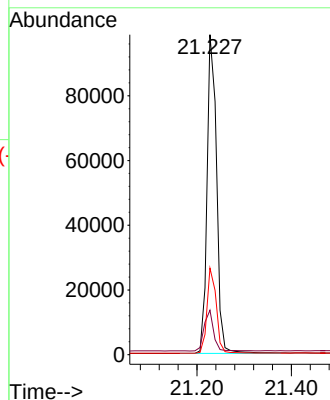
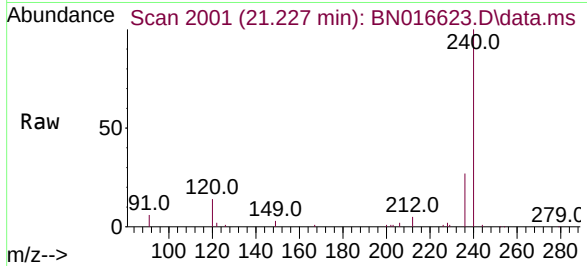




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

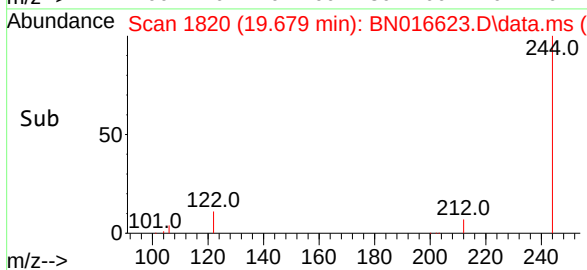
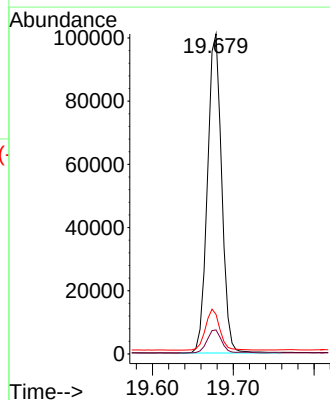
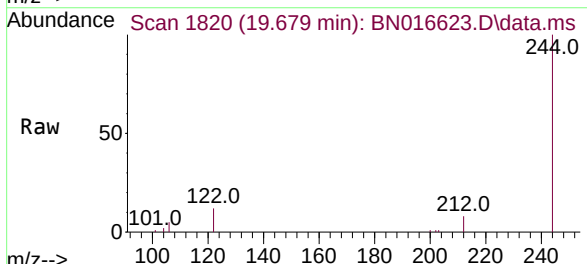
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

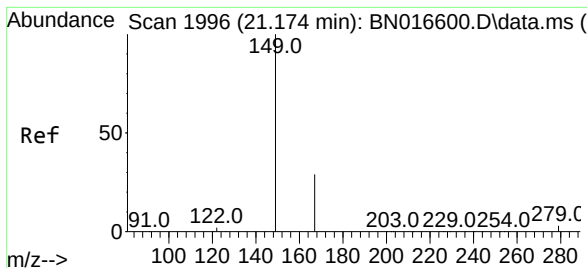
Tgt Ion:240 Resp: 138089
Ion Ratio Lower Upper
240 100
120 13.9 5.0 7.4#
236 27.1 20.4 30.6



#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:244 Resp: 123613
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.3 10.1 15.1

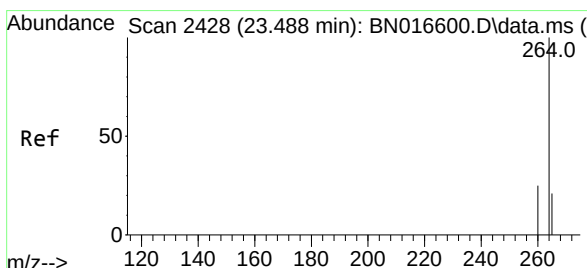
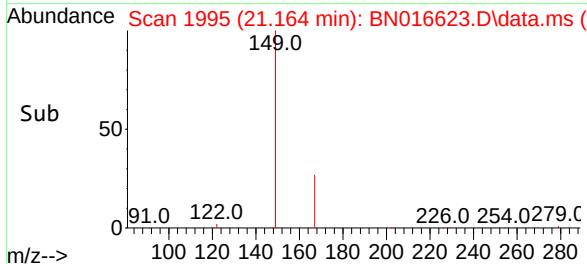
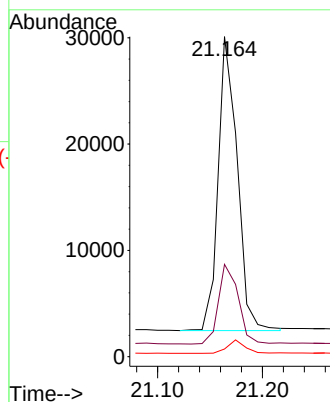
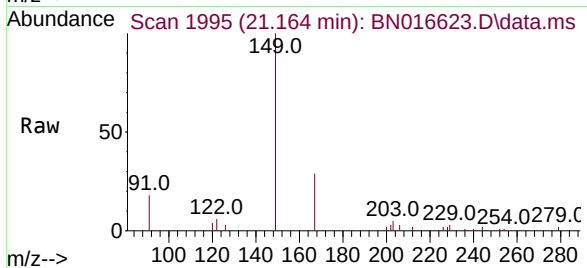




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:149 Resp: 34892
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 4.2 3.2 4.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BN016623.D
Acq: 01 Oct 2021 06:35

Tgt Ion:264 Resp: 147488
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 23.3 19.2 28.8

