

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016595.D
 Acq On : 30 Sep 2021 04:44
 Operator : CG/JU
 Sample : M3954-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 30 06:13:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 02:08:37 2021
 Response via : Initial Calibration

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

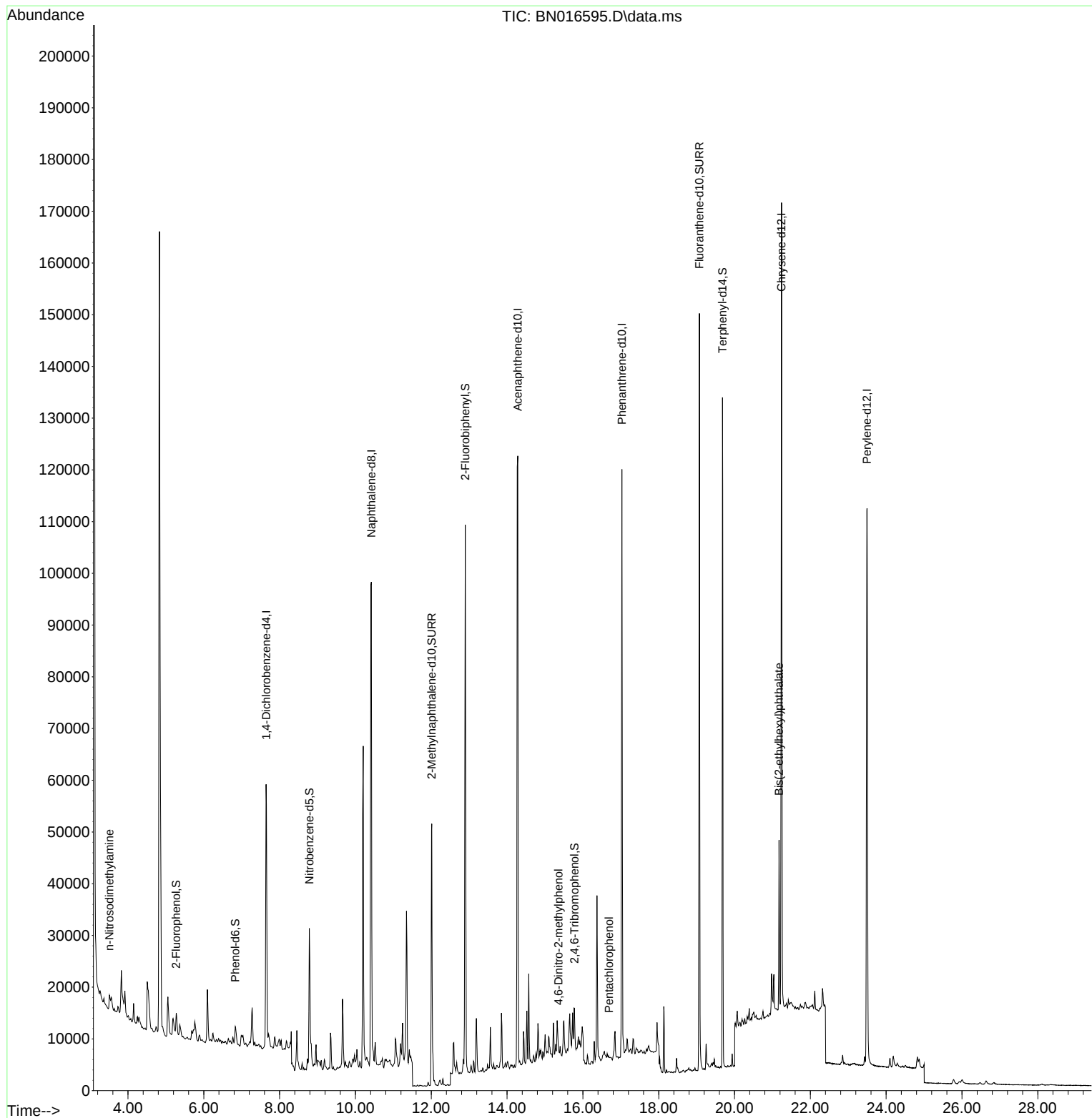
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31122	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	144144	0.400	ng	0.00
13) Acenaphthene-d10	14.282	164	78882	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	147170	0.400	ng	0.00
29) Chrysene-d12	21.238	240	138508	0.400	ng	# 0.00
35) Perylene-d12	23.495	264	147662	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	5728	0.072	ng	0.00
5) Phenol-d6	6.831	99	3908	0.046	ng	0.00
8) Nitrobenzene-d5	8.785	82	24619	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	68359	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	7727	0.215	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	88869	0.274	ng	0.00
27) Fluoranthene-d10	19.073	212	161262	0.400	ng	0.00
31) Terphenyl-d14	19.684	244	124643	0.414	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.512	42	1580	0.067	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.360	198	22	0.201	ng	# 1
24) Pentachlorophenol	16.689	266	181	0.147	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.174	149	27998	0.180	ng	99

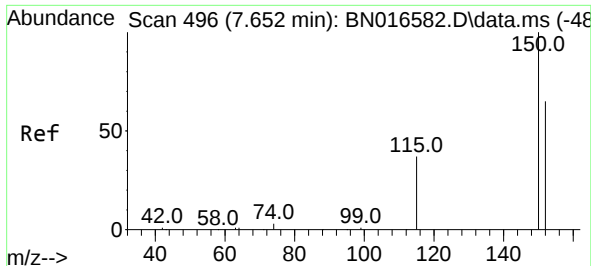
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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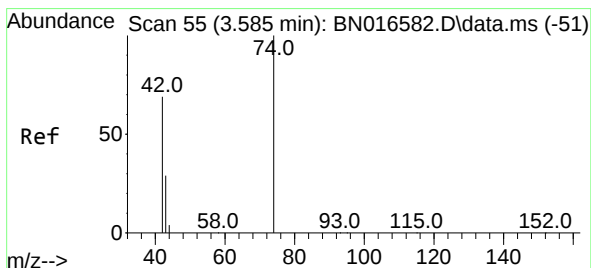
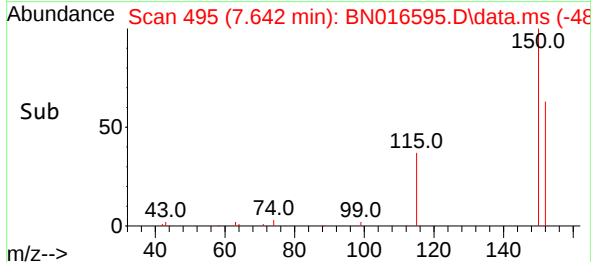
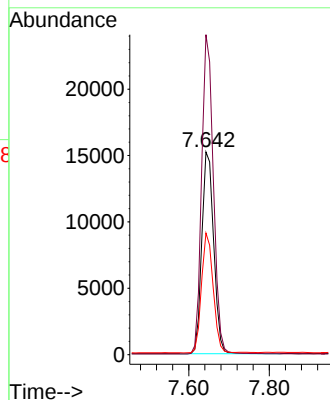
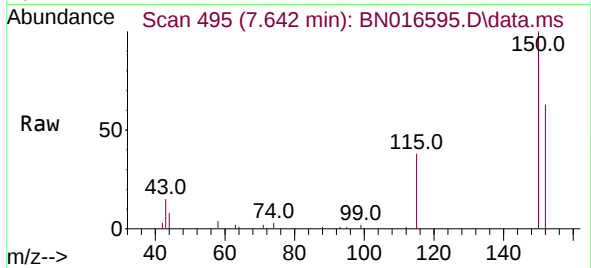




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. -0.010 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

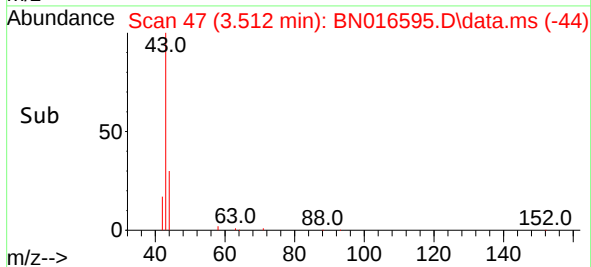
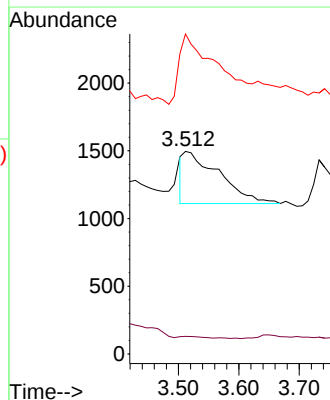
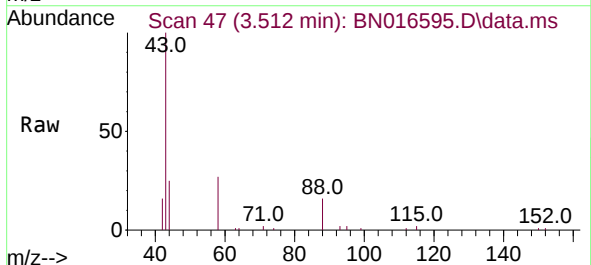
Instrument :
BNA_N
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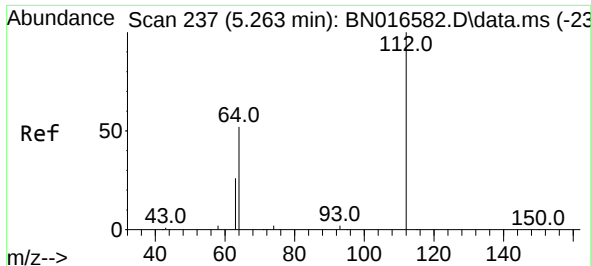
Tgt Ion:152 Resp: 31122
Ion Ratio Lower Upper
152 100
150 157.9 123.3 184.9
115 60.0 46.2 69.2



#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.512 min Scan# 47
Delta R.T. -0.074 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion: 42 Resp: 1580
Ion Ratio Lower Upper
42 100
74 3.0 123.7 185.5#
44 64.7 6.3 9.5#

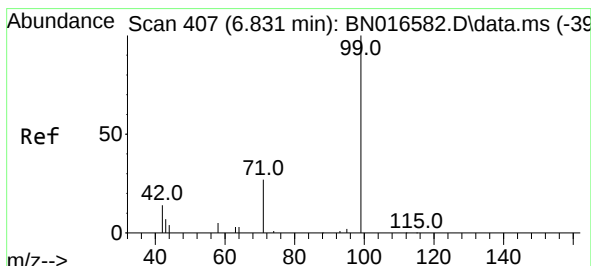
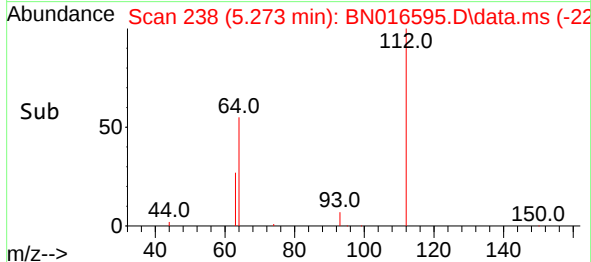
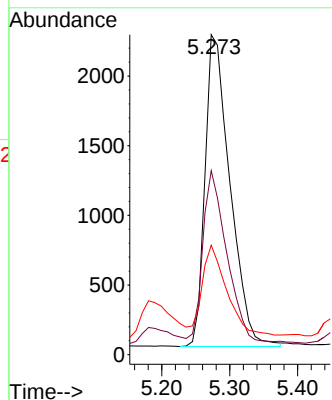
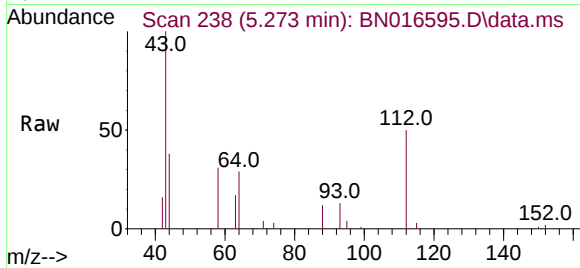




#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.009 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

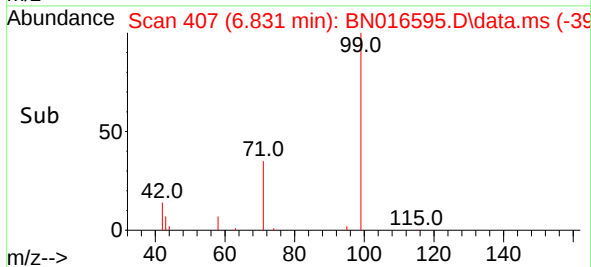
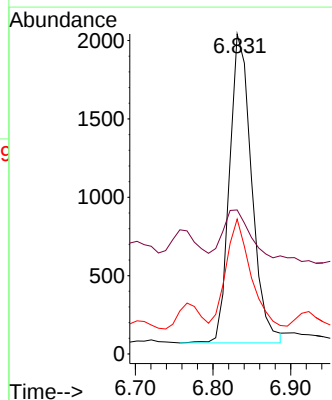
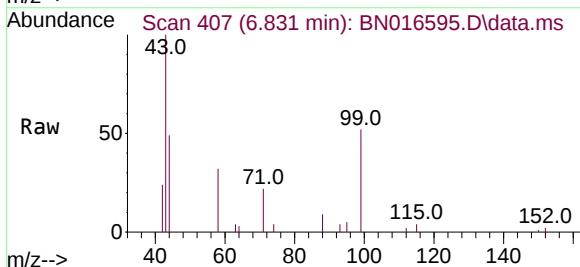
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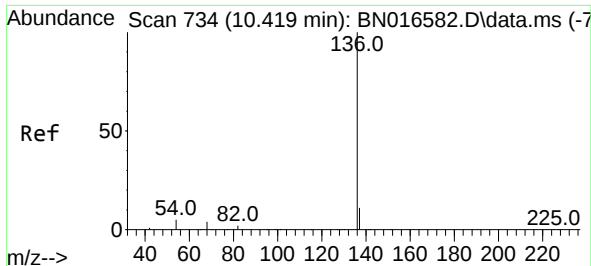
Tgt Ion:112 Resp: 5728
Ion Ratio Lower Upper
112 100
64 51.7 43.4 65.2
63 28.1 21.8 32.8



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion: 99 Resp: 3908
Ion Ratio Lower Upper
99 100
42 18.0 13.3 19.9
71 38.2 23.7 35.5#

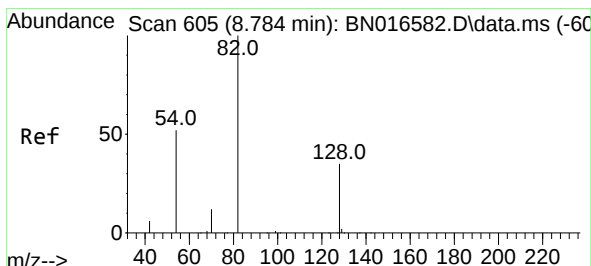
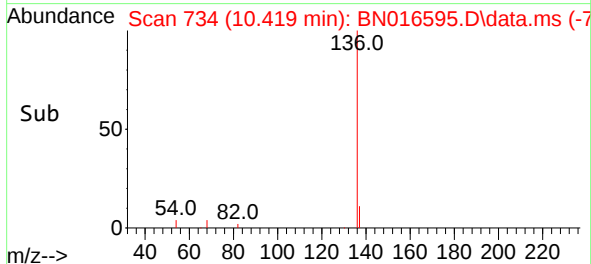
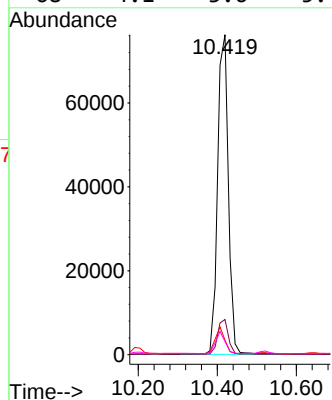
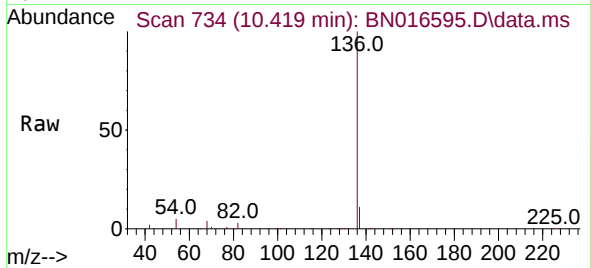




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

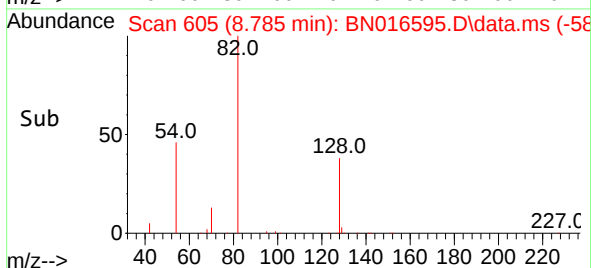
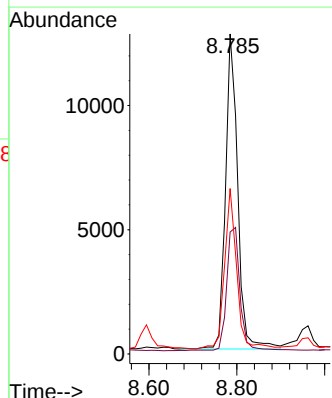
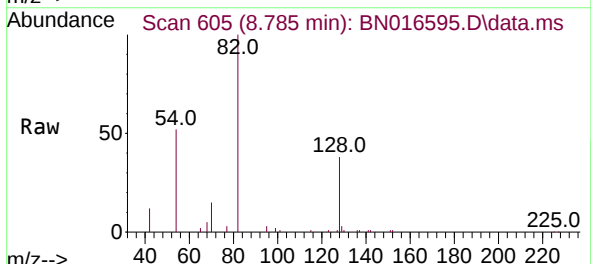
Instrument :
BNA_N
ClientSampleId :
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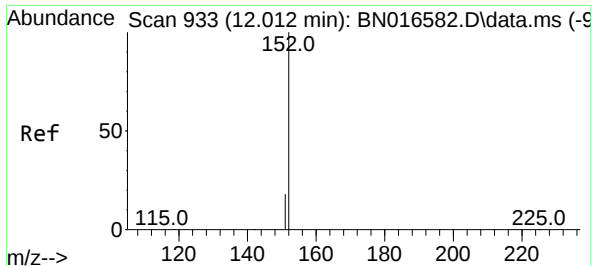
Tgt Ion:	136	Resp:	144144
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	4.5	4.0	6.0
68	4.1	3.6	5.4



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion:	82	Resp:	24619
Ion Ratio	Lower	Upper	
82	100		
128	38.1	28.6	42.8
54	51.7	42.0	63.0

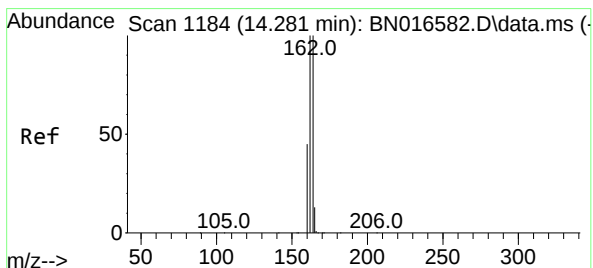
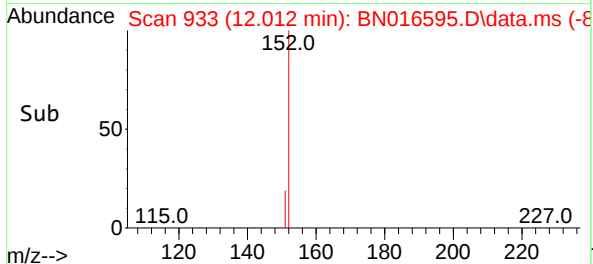
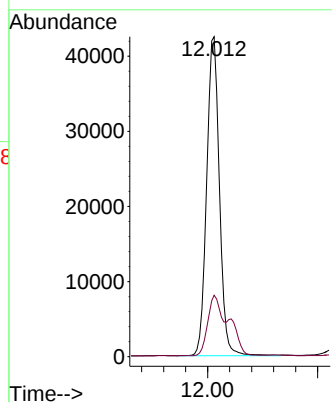
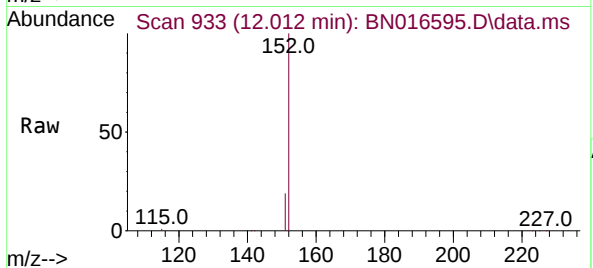




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.012 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

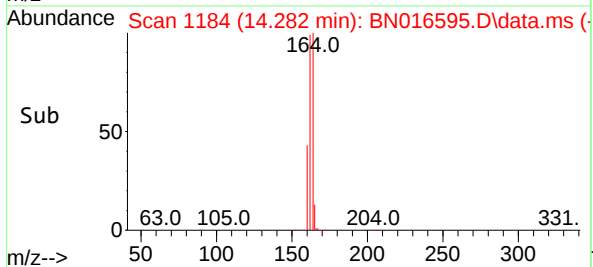
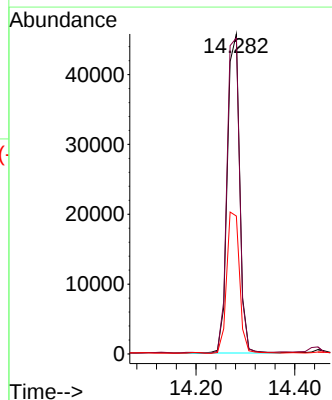
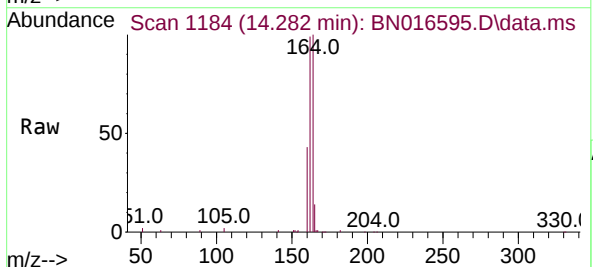
Instrument :
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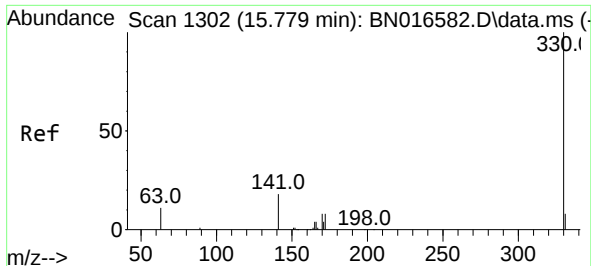
Tgt Ion:152 Resp: 68359
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.282 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion:164 Resp: 78882
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 43.1 35.7 53.5

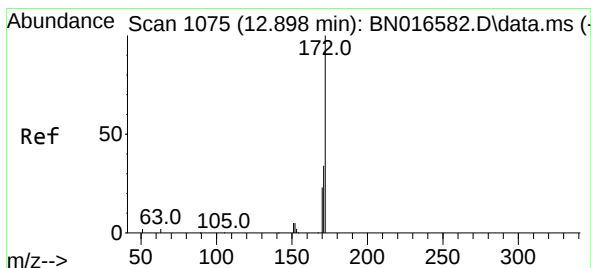
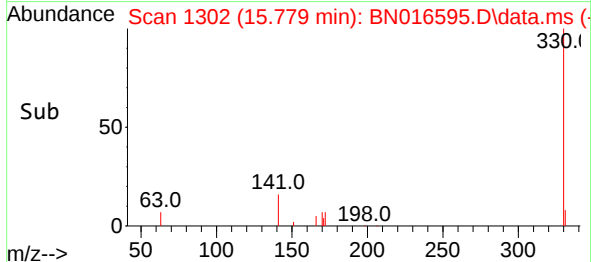
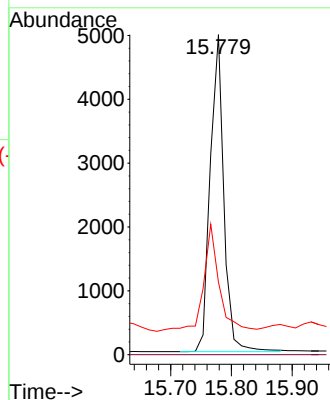
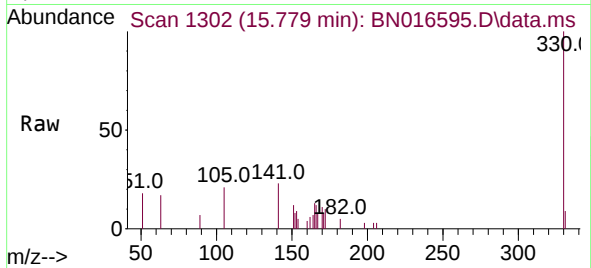




#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

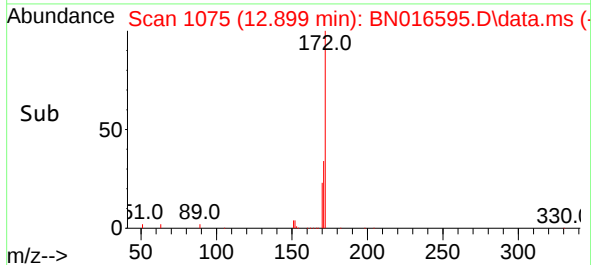
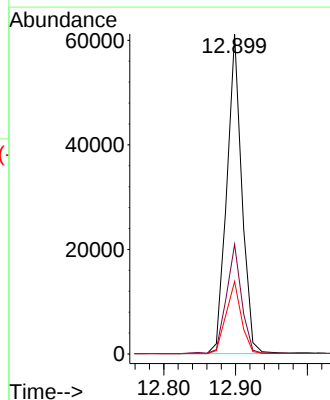
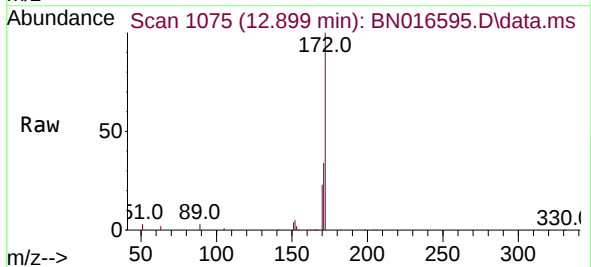
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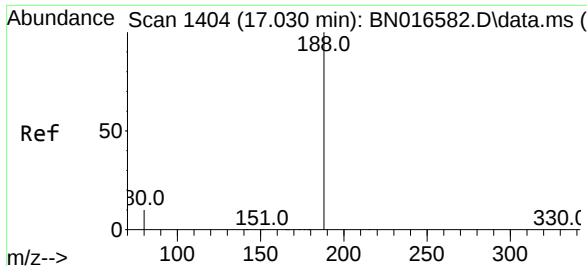
Tgt Ion: 330 Resp: 7727
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 25.4 38.2



#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion: 172 Resp: 88869
Ion Ratio Lower Upper
172 100
171 34.2 27.6 41.4
170 22.7 18.7 28.1

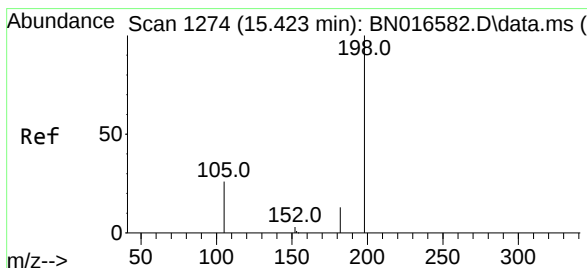
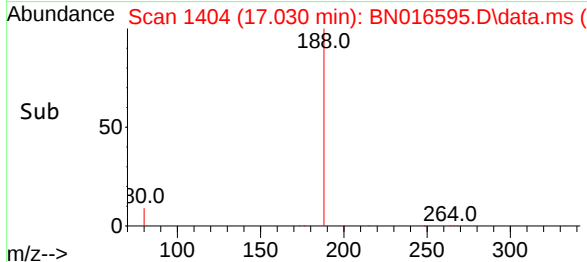
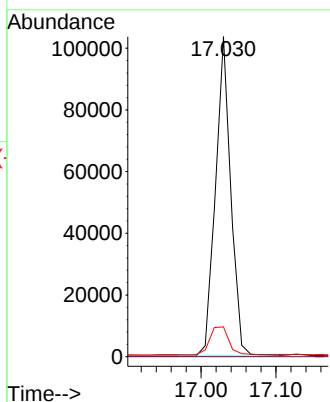
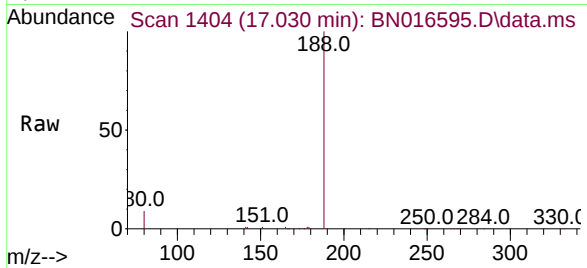




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

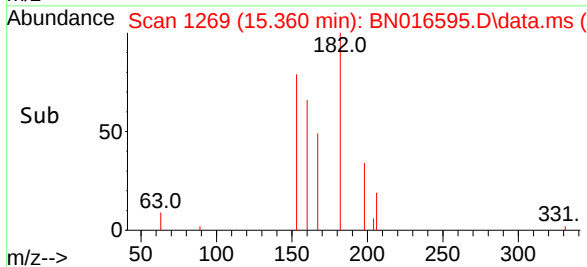
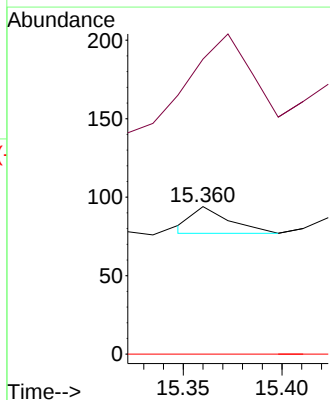
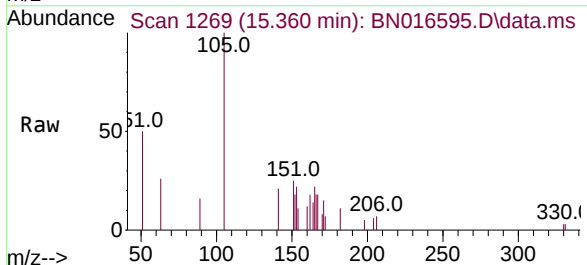
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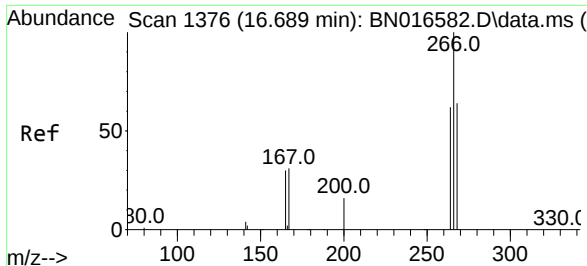
Tgt Ion:188 Resp: 147170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.1 12.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.063 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 200.0 12.3 18.5#
77 0.0 0.0 0.0

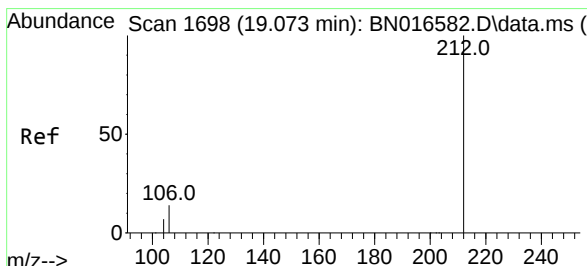
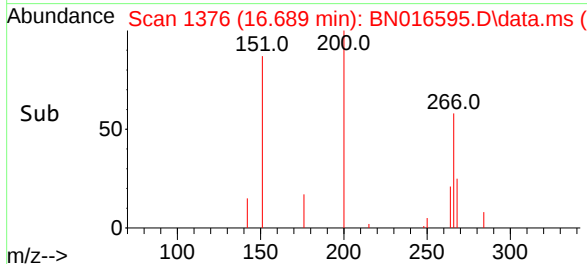
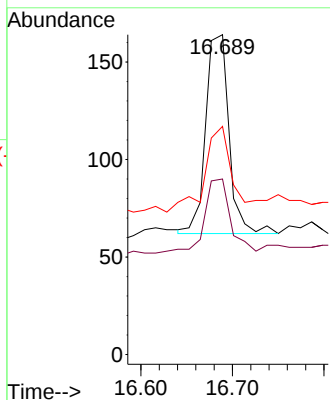
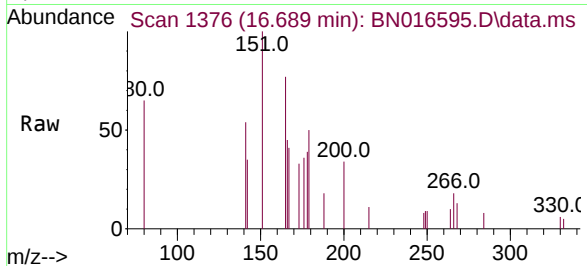




#24
 Pentachlorophenol
 Concen: 0.147 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: BN016595.D
 Acq: 30 Sep 2021 04:44

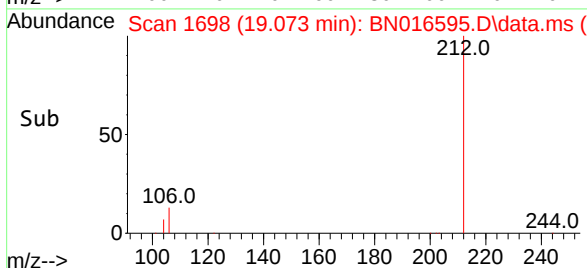
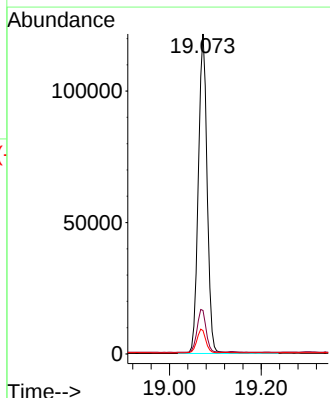
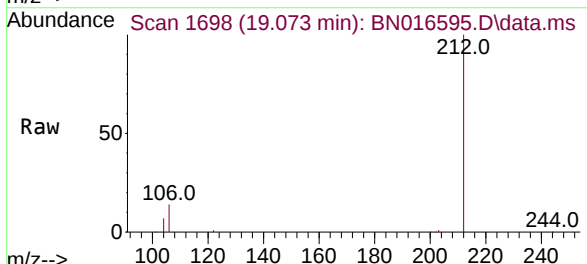
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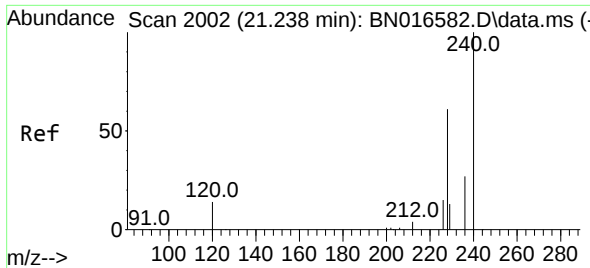
Tgt Ion:	266	Resp:	181
Ion	Ratio	Lower	Upper
266	100		
264	41.4	50.5	75.7#
268	50.3	51.4	77.2#



#27
 Fluoranthene-d10
 Concen: 0.400 ng
 RT: 19.073 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN016595.D
 Acq: 30 Sep 2021 04:44

Tgt Ion:	212	Resp:	161262
Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.6
104	7.5	6.0	9.0

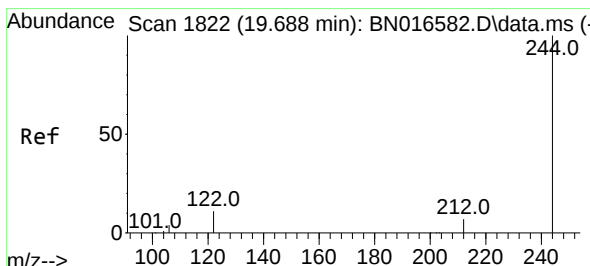
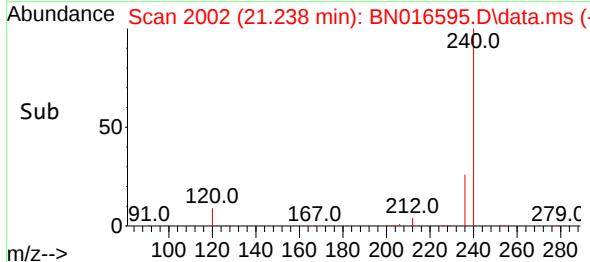
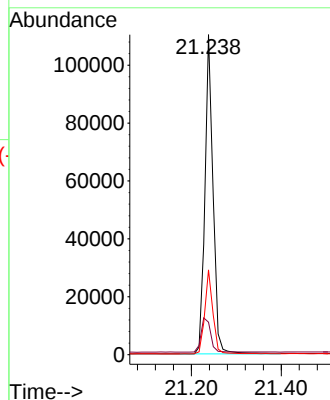
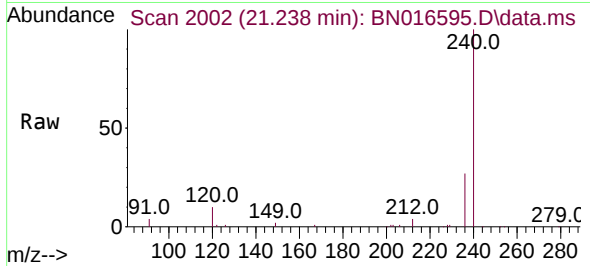




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

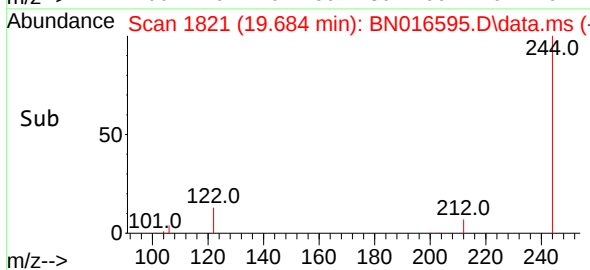
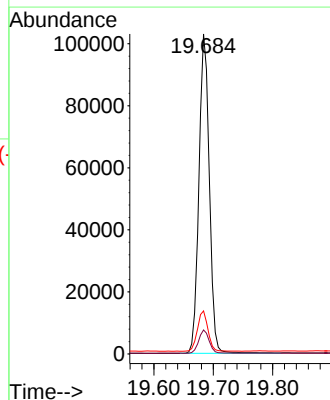
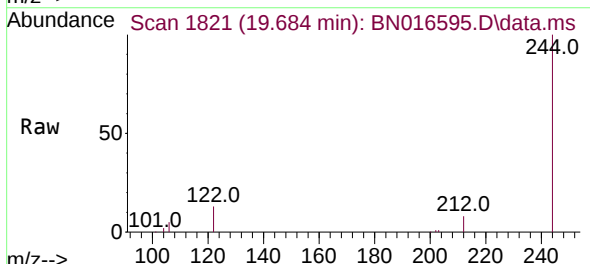
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

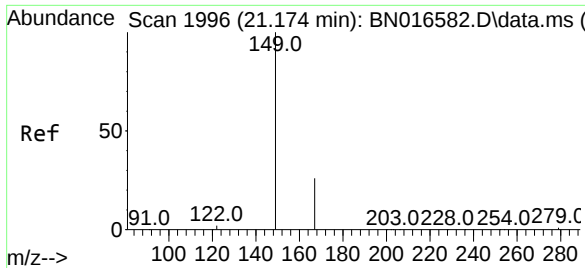
Tgt Ion:240 Resp: 138508
Ion Ratio Lower Upper
240 100
120 10.1 11.6 17.4#
236 26.5 21.6 32.4



#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.684 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion:244 Resp: 124643
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 13.5 9.2 13.8

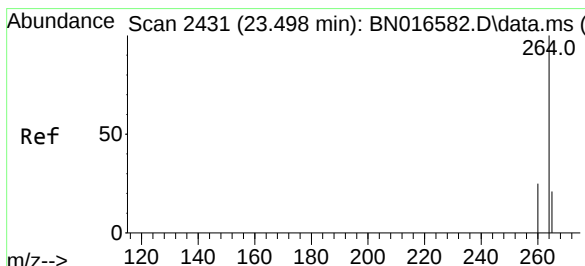
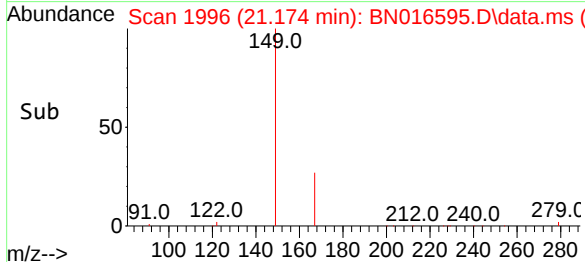
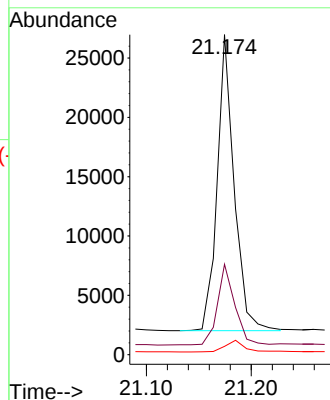
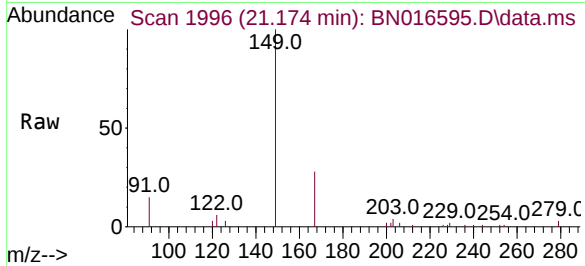




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:	149	Resp:	27998
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.0	33.0
279	4.4	3.1	4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.495 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BN016595.D
Acq: 30 Sep 2021 04:44

Tgt Ion:	264	Resp:	147662
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.7	29.5
265	23.4	18.9	28.3

