

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016591.D
 Acq On : 30 Sep 2021 02:19
 Operator : CG/JU
 Sample : M3908-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-03

Quant Time: Sep 30 06:12:46 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)

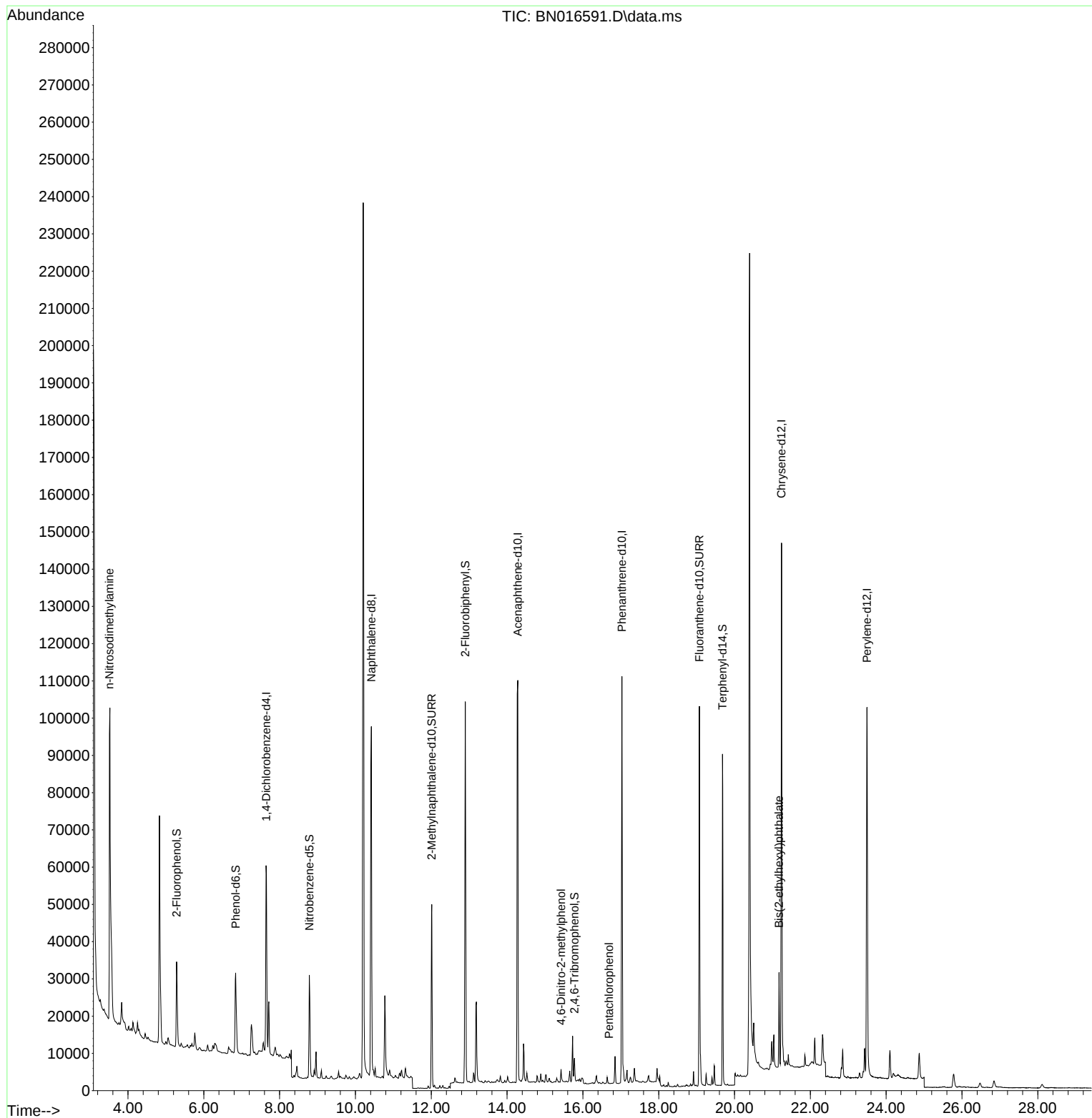
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29849	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	138376	0.400	ng	0.00
13) Acenaphthene-d10	14.281	164	72867	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	136553	0.400	ng	0.00
29) Chrysene-d12	21.238	240	128956	0.400	ng	# 0.00
35) Perylene-d12	23.494	264	136732	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	24146	0.316	ng	0.02
5) Phenol-d6	6.840	99	23086	0.282	ng	0.00
8) Nitrobenzene-d5	8.784	82	24802	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	67077	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	5958	0.179	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	85135	0.284	ng	0.00
27) Fluoranthene-d10	19.073	212	117598	0.314	ng	0.00
31) Terphenyl-d14	19.683	244	87507	0.312	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.511	42	21173	0.942	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.423	198	24	0.201	ng	# 1
24) Pentachlorophenol	16.689	266	60	0.145	ng	91
34) Bis(2-ethylhexyl)phtha...	21.174	149	21625	0.149	ng	99

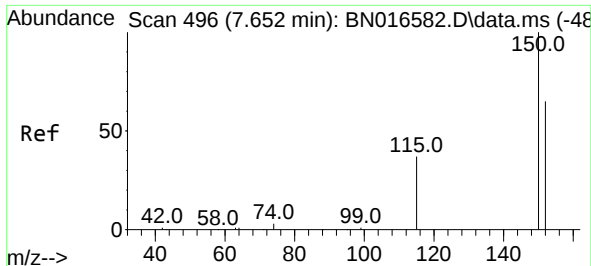
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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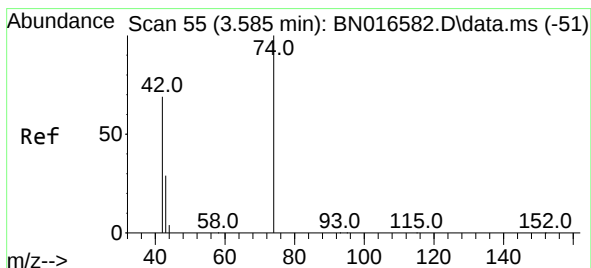
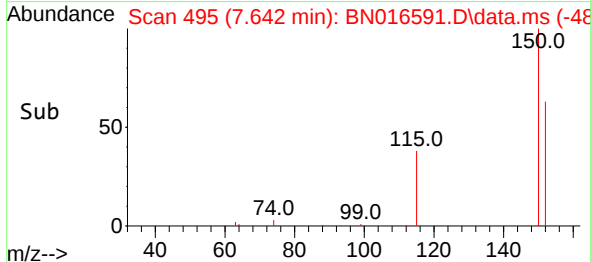
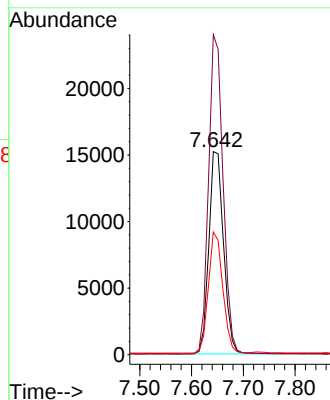
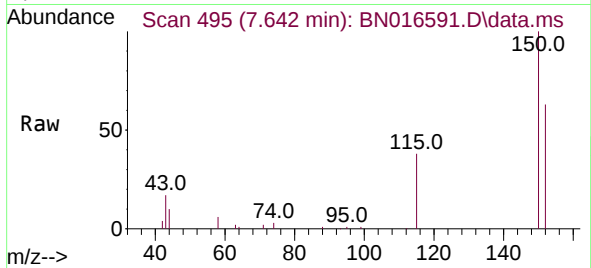




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. -0.010 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

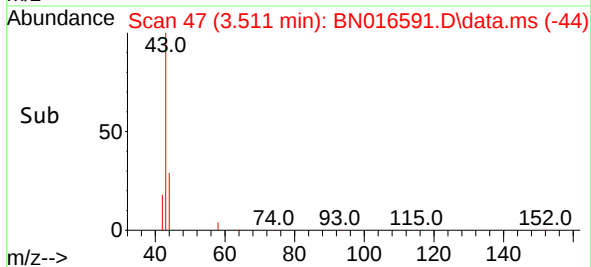
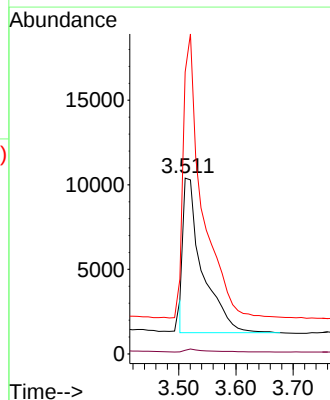
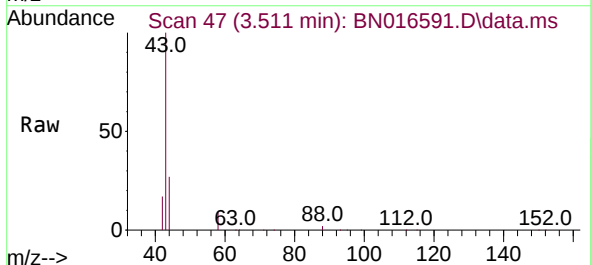
Instrument :
BNA_N
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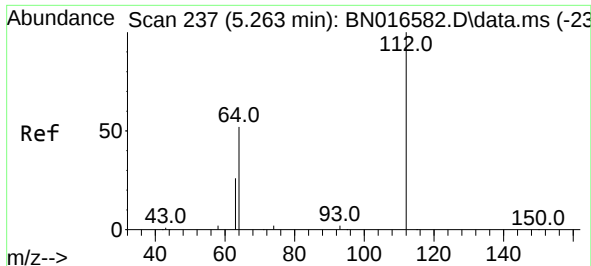
Tgt Ion:152 Resp: 29849
Ion Ratio Lower Upper
152 100
150 157.6 123.3 184.9
115 60.4 46.2 69.2



#3
n-Nitrosodimethylamine
Concen: 0.942 ng
RT: 3.511 min Scan# 47
Delta R.T. -0.074 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion: 42 Resp: 21173
Ion Ratio Lower Upper
42 100
74 2.3 123.7 185.5#
44 172.3 6.3 9.5#

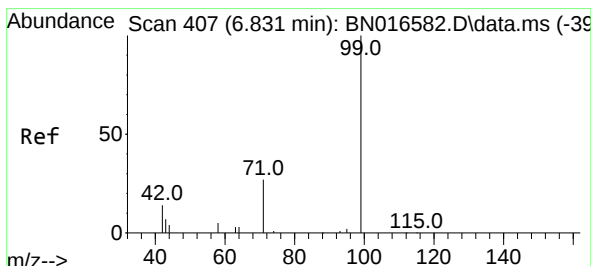
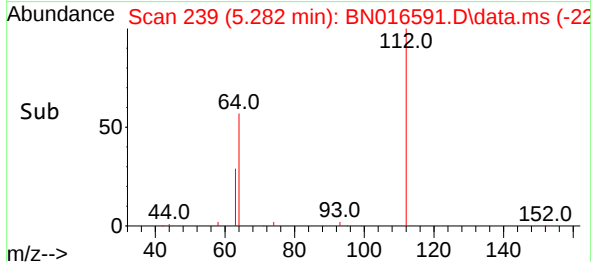
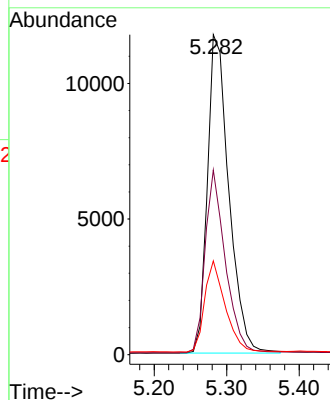
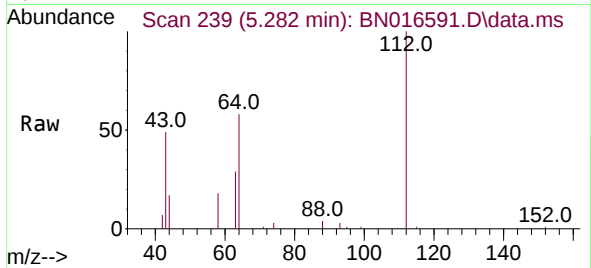




#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.018 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

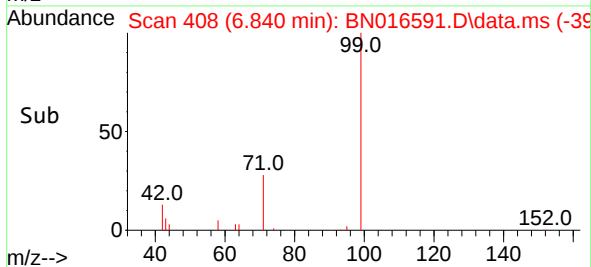
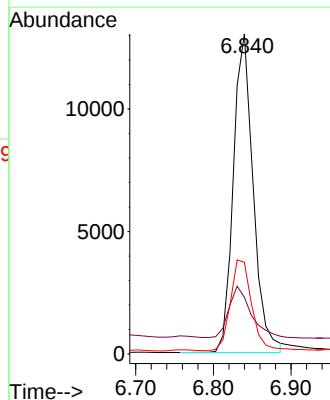
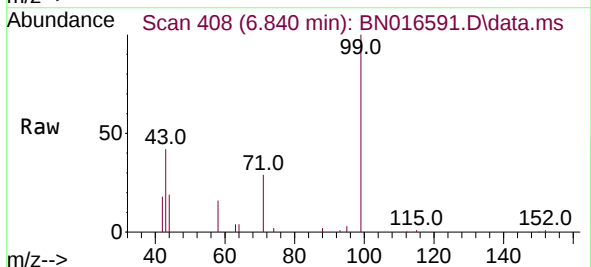
Instrument :
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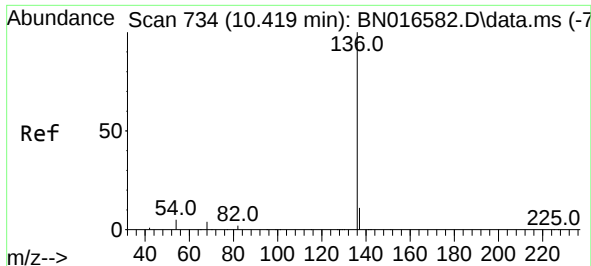
Tgt Ion:112 Resp: 24146
Ion Ratio Lower Upper
112 100
64 54.1 43.4 65.2
63 27.4 21.8 32.8



#5
Phenol-d6
Concen: 0.282 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion: 99 Resp: 23086
Ion Ratio Lower Upper
99 100
42 17.6 13.3 19.9
71 30.3 23.7 35.5

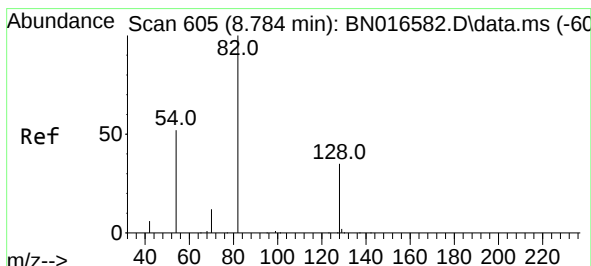
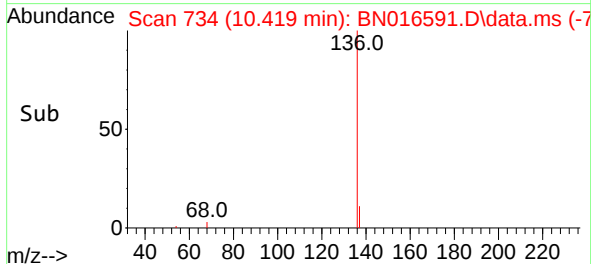
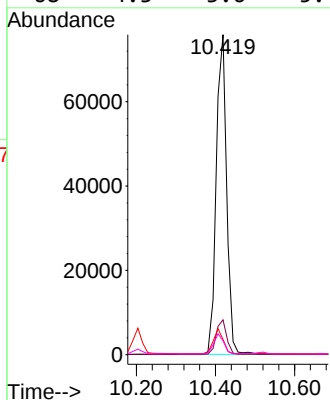
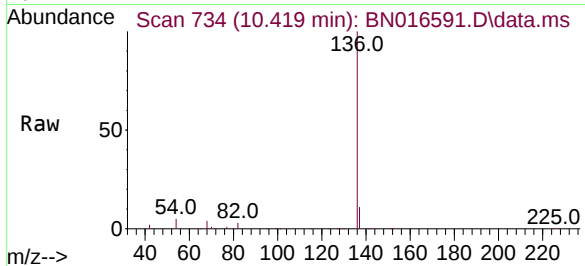




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

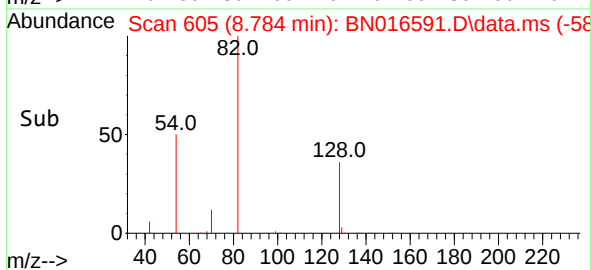
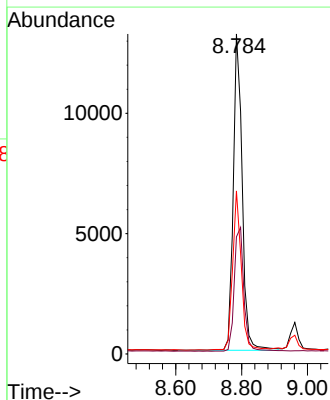
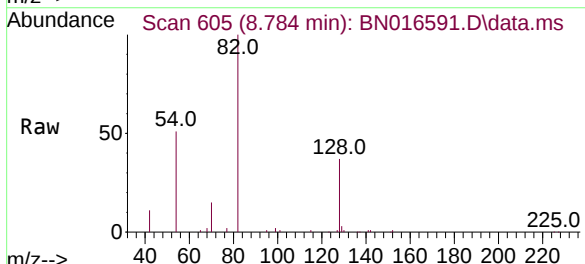
Instrument :
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DUPLICATE-03

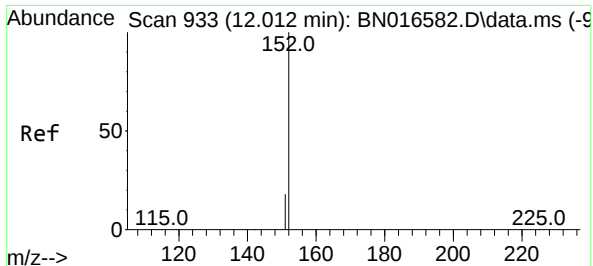
Tgt Ion:	136	Resp:	138376
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.8	4.0	6.0
68	4.3	3.6	5.4



#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:	82	Resp:	24802
Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.6	42.8
54	51.0	42.0	63.0

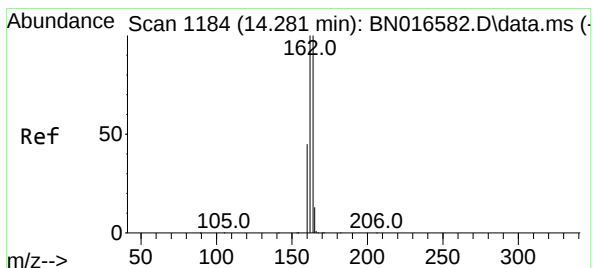
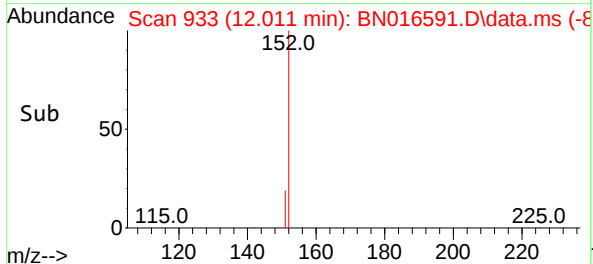
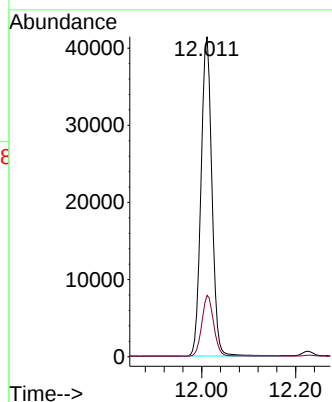
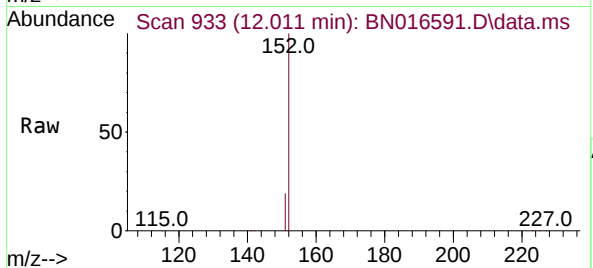




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.011 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

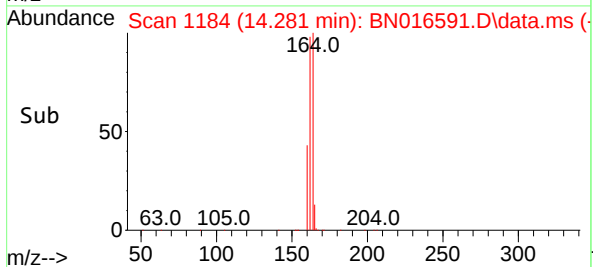
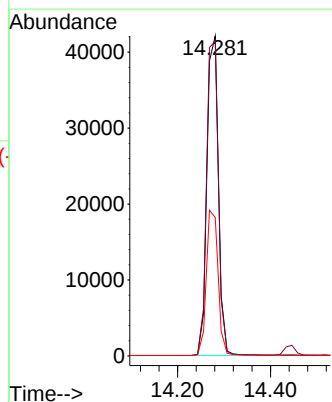
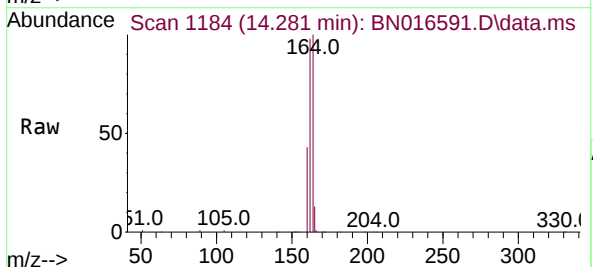
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DUPLICATE-03

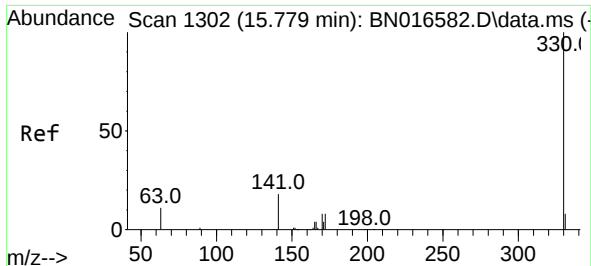
Tgt Ion:152 Resp: 67077
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:164 Resp: 72867
Ion Ratio Lower Upper
164 100
162 98.4 79.8 119.6
160 43.2 35.7 53.5

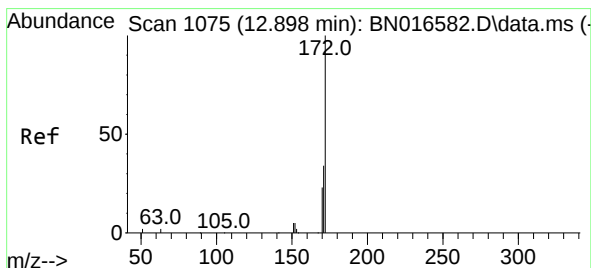
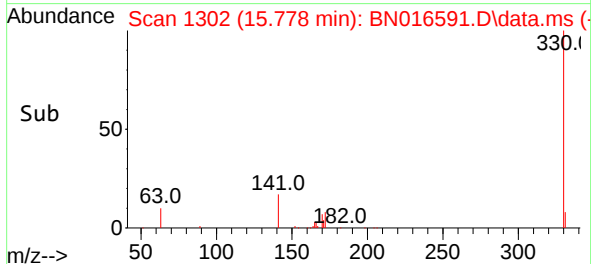
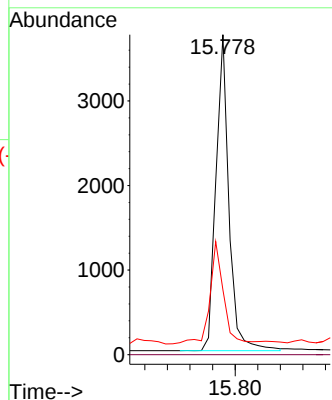
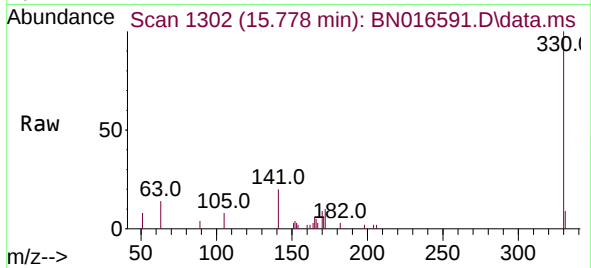




#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.778 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

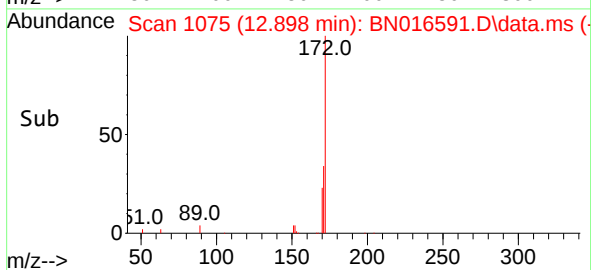
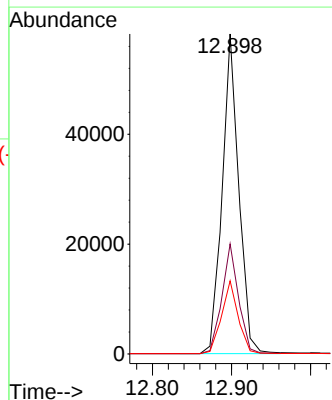
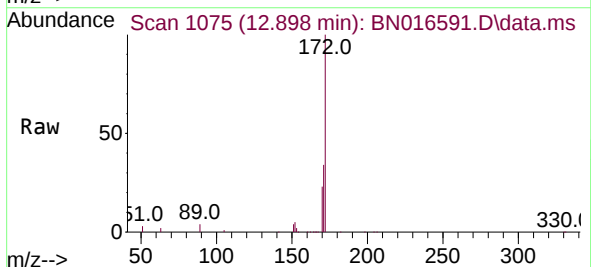
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DUPLICATE-03

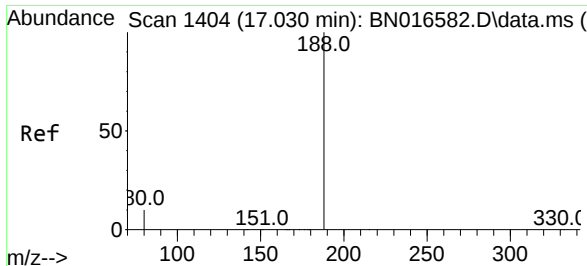
Tgt Ion:330 Resp: 5958
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.6 25.4 38.2



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:172 Resp: 85135
Ion Ratio Lower Upper
172 100
171 34.4 27.6 41.4
170 22.9 18.7 28.1

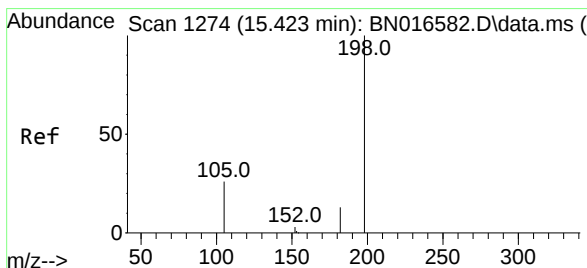
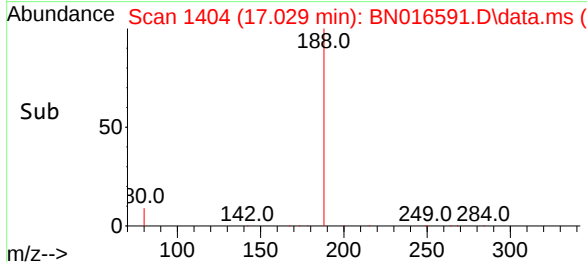
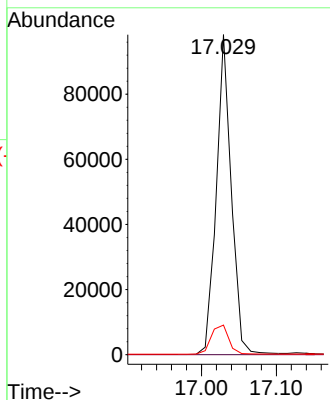
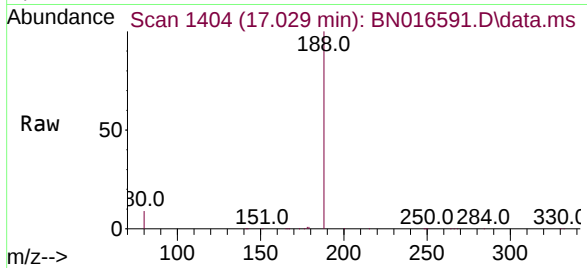




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.001 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

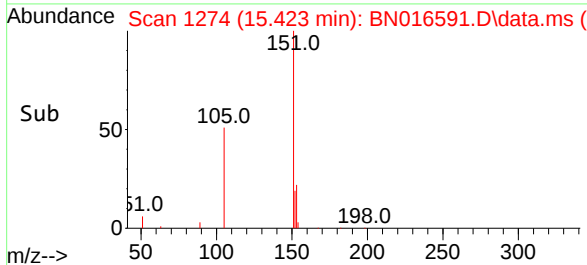
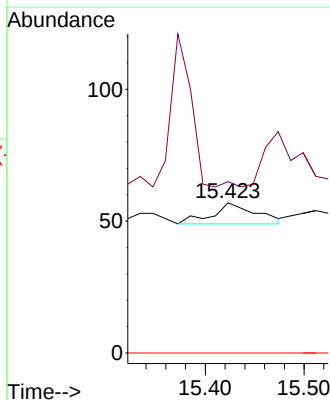
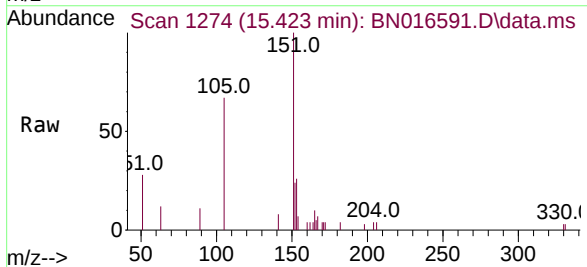
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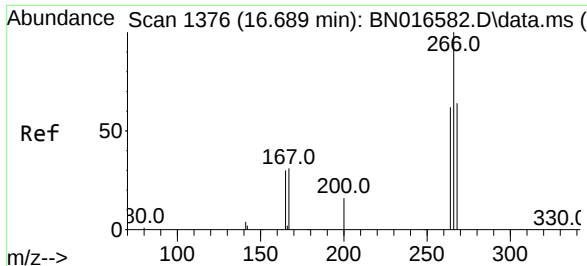
Tgt Ion:188 Resp: 136553
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 8.1 12.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 114.0 12.3 18.5#
77 0.0 0.0 0.0

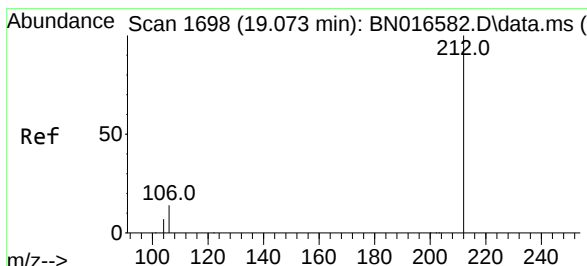
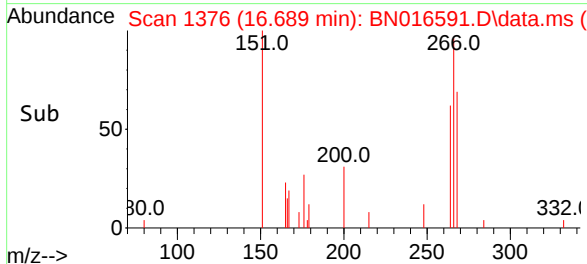
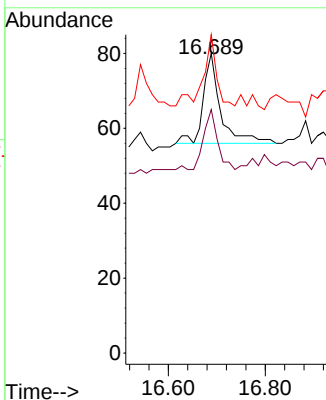
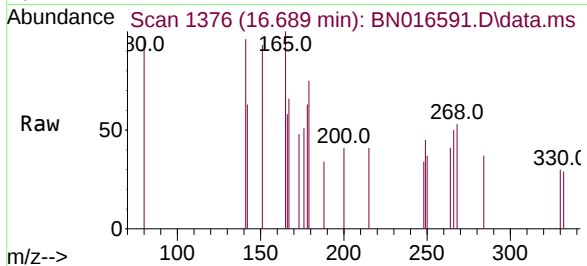




#24
 Pentachlorophenol
 Concen: 0.145 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016591.D
 Acq: 30 Sep 2021 02:19

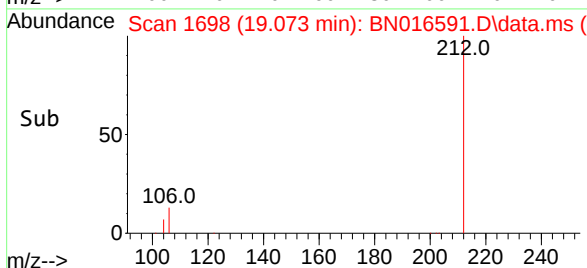
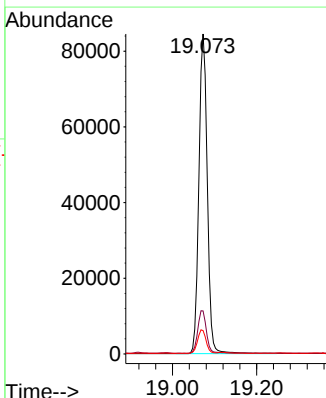
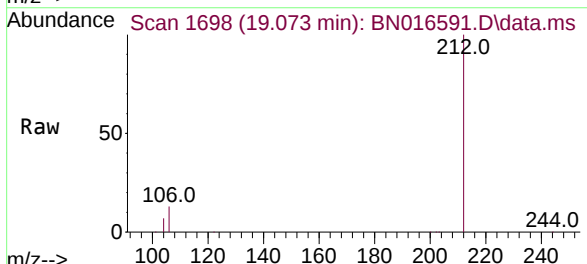
Instrument :
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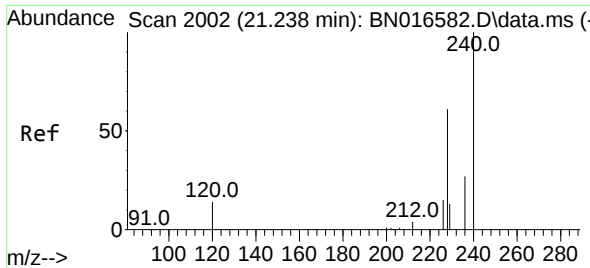
Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
264	53.3	50.5	75.7
268	60.0	51.4	77.2



#27
 Fluoranthene-d10
 Concen: 0.314 ng
 RT: 19.073 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: BN016591.D
 Acq: 30 Sep 2021 02:19

Tgt Ion:	212	Resp:	117598
Ion Ratio	Lower	Upper	
212	100		
106	13.9	11.0	16.6
104	7.4	6.0	9.0

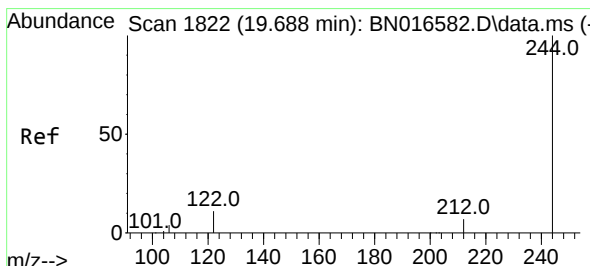
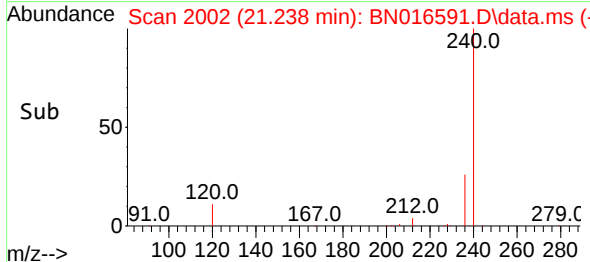
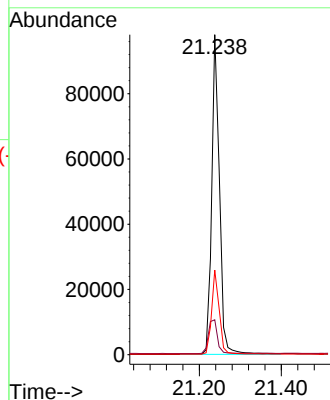
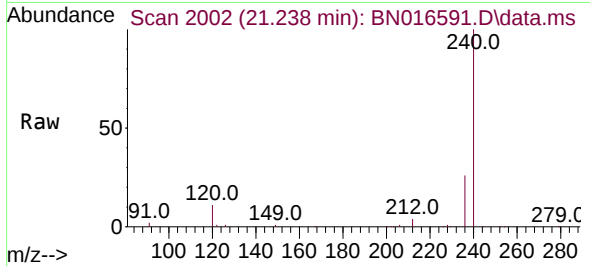




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

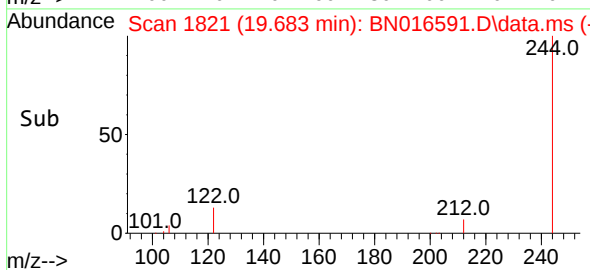
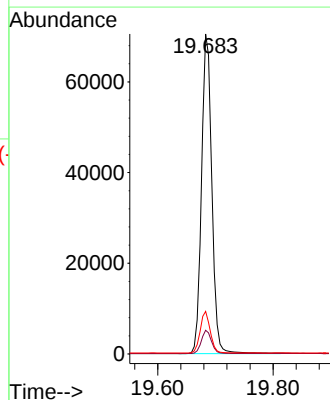
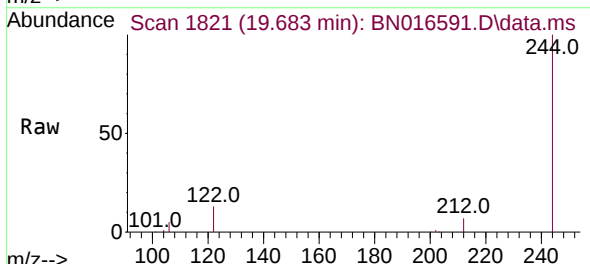
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-03

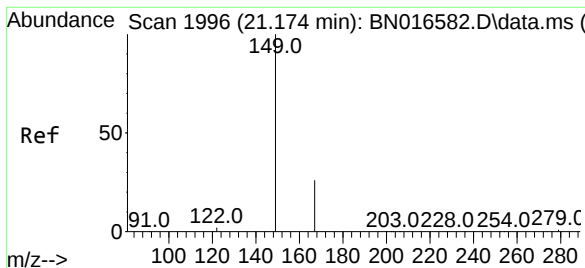
Tgt Ion:240 Resp: 128956
Ion Ratio Lower Upper
240 100
120 10.9 11.6 17.4#
236 26.4 21.6 32.4



#31
Terphenyl-d14
Concen: 0.312 ng
RT: 19.683 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:244 Resp: 87507
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.3 9.2 13.8

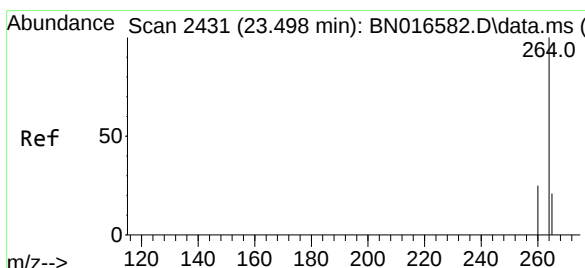
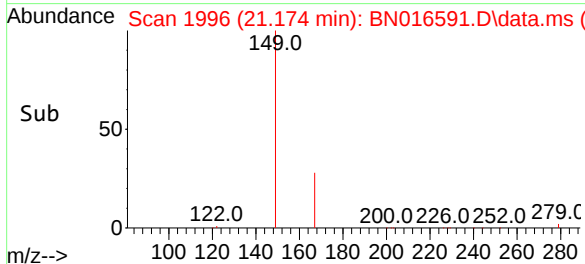
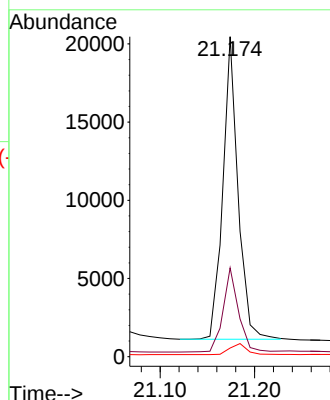
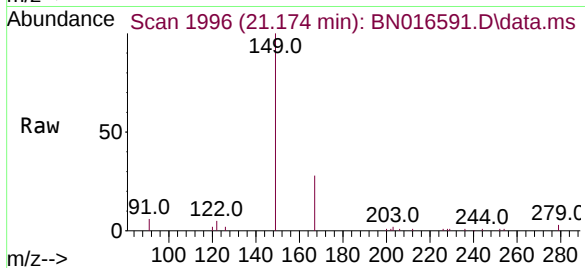




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.149 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Instrument :
BNA_N
ClientSampleId :
DUPLICATE-03

Tgt Ion:149 Resp: 21625
Ion Ratio Lower Upper
149 100
167 28.3 22.0 33.0
279 4.1 3.1 4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.494 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN016591.D
Acq: 30 Sep 2021 02:19

Tgt Ion:264 Resp: 136732
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 23.1 18.9 28.3

