

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016755.D
 Acq On : 05 Oct 2021 21:50
 Operator : CG/JU
 Sample : M3915-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:59:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

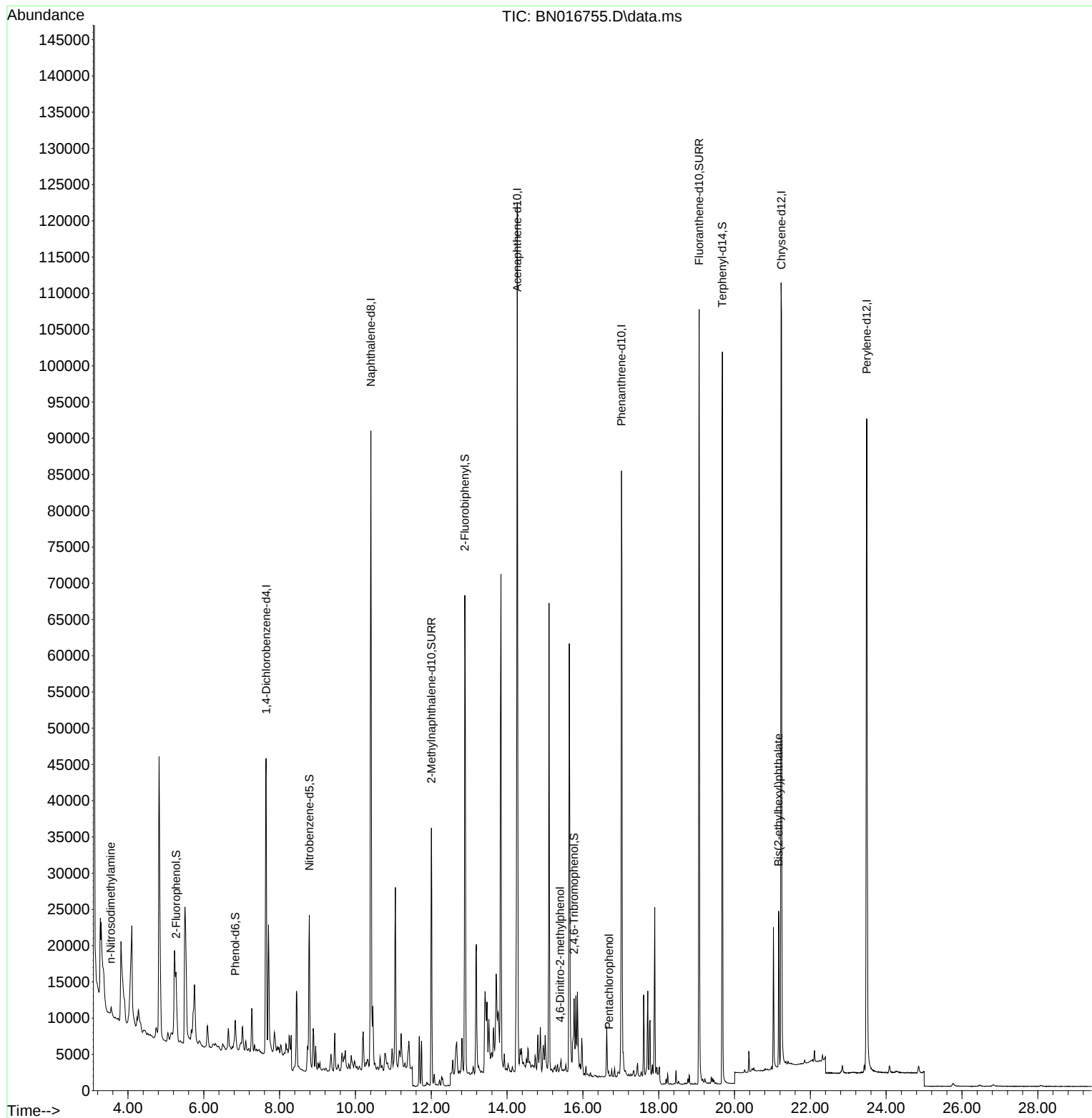
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25250	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	116678	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	64270	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	123344	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	121100	0.400	ng	# 0.00
35) Perylene-d12	23.488	264	124601	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7584	0.118	ng	0.02
5) Phenol-d6	6.831	99	4493	0.063	ng	0.00
8) Nitrobenzene-d5	8.784	82	19364	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	48580	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8237	0.339	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	61698	0.240	ng	-0.01
27) Fluoranthene-d10	19.068	212	124139	0.368	ng	0.00
31) Terphenyl-d14	19.678	244	102229	0.377	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.548	42	467	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	45	0.270	ng	# 1
24) Pentachlorophenol	16.689	266	88	0.341	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.164	149	21532	0.095	ng	99

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

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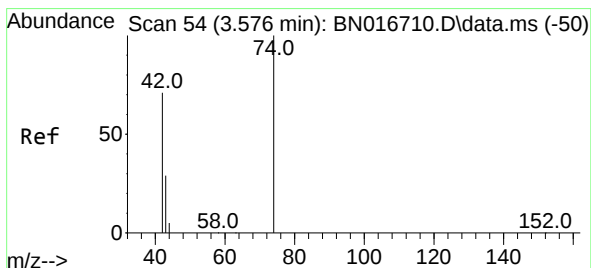
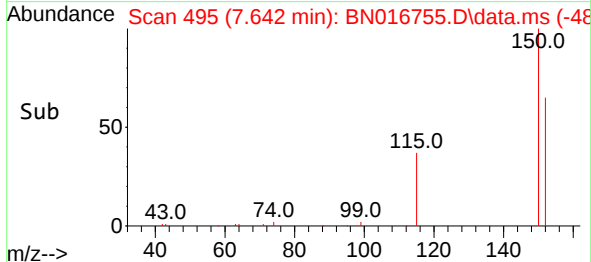
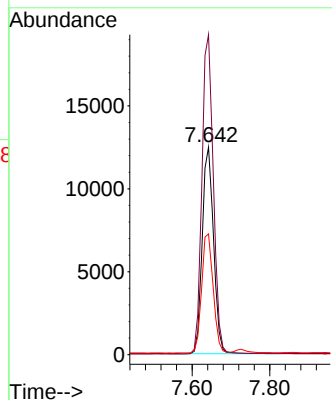
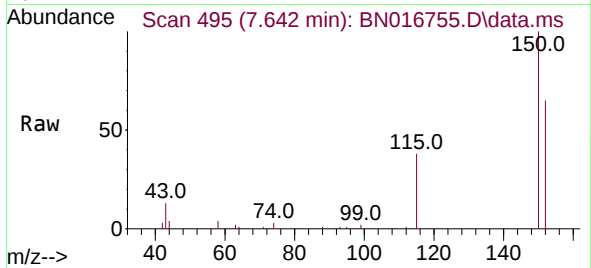




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

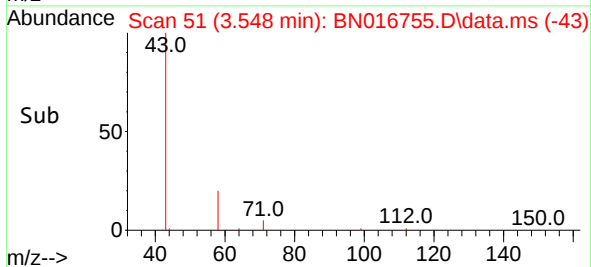
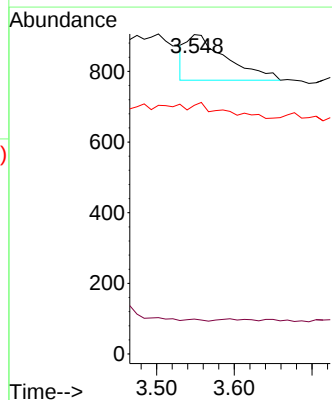
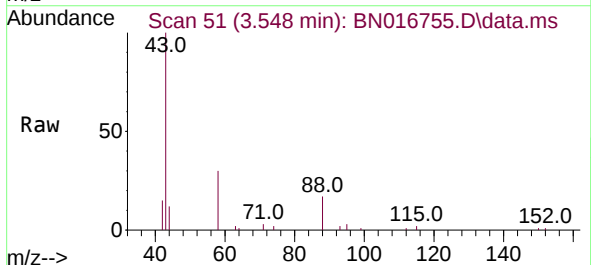
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 25250
Ion Ratio Lower Upper
152 100
150 154.2 123.3 184.9
115 58.2 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.548 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion: 42 Resp: 467
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 0.0 5.6 8.4#

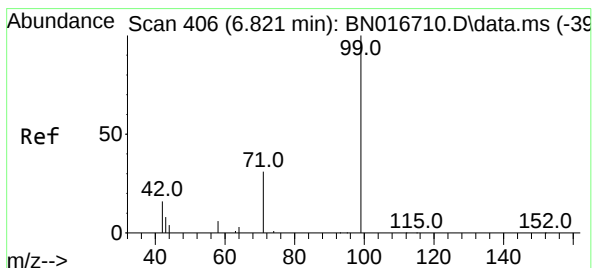
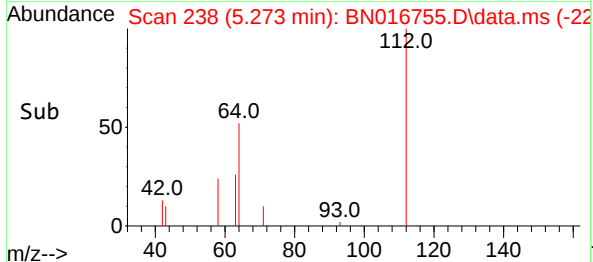
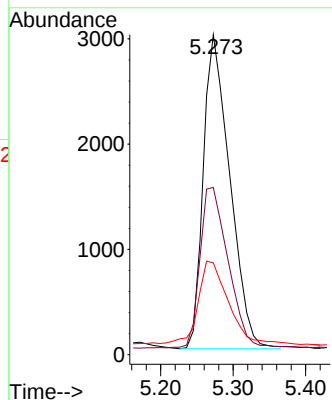
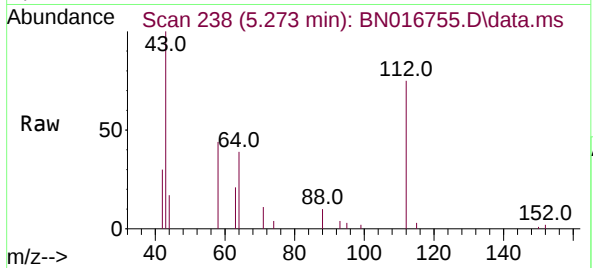




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

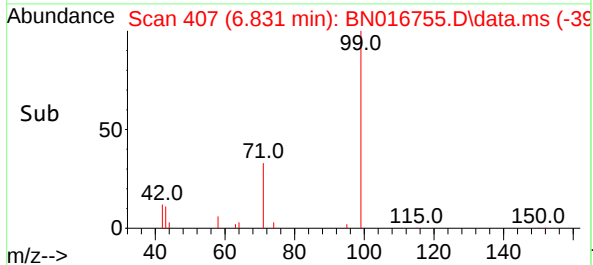
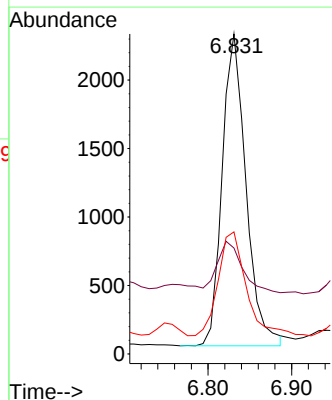
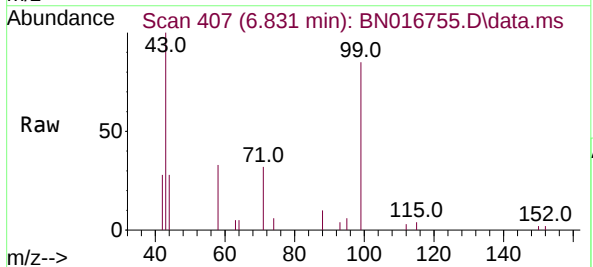
Instrument :
BNA_N
ClientSampleId :

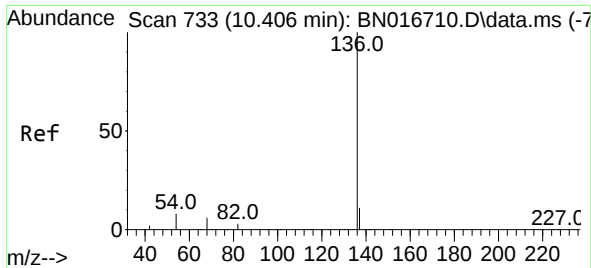
Tgt Ion:112 Resp: 7584
Ion Ratio Lower Upper
112 100
64 54.5 42.9 64.3
63 29.1 21.5 32.3



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion: 99 Resp: 4493
Ion Ratio Lower Upper
99 100
42 17.1 13.4 20.2
71 38.6 24.0 36.0#

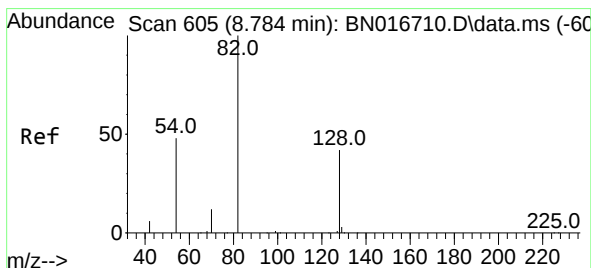
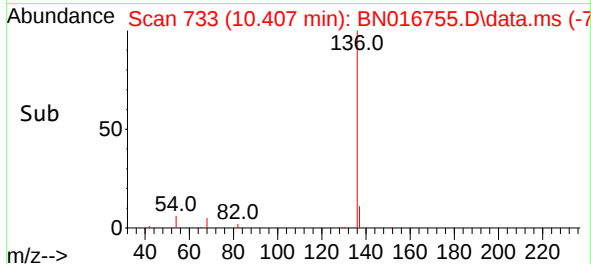
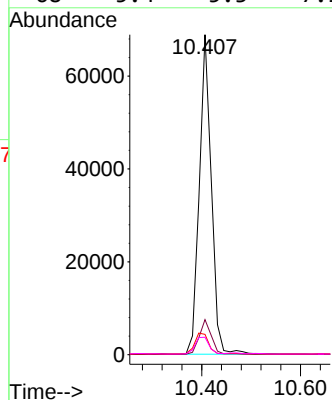
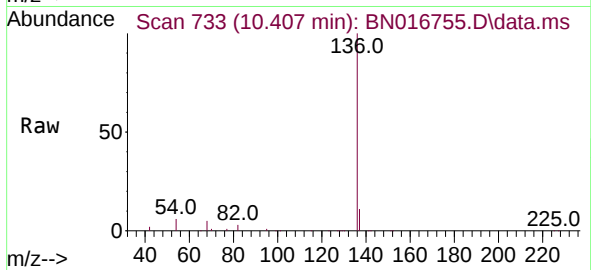




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

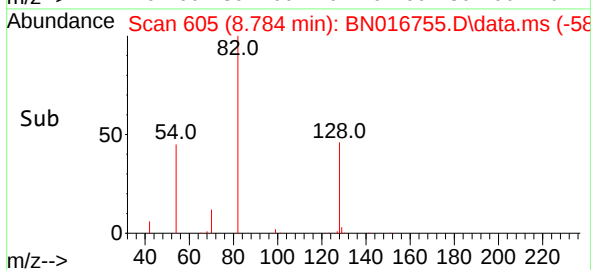
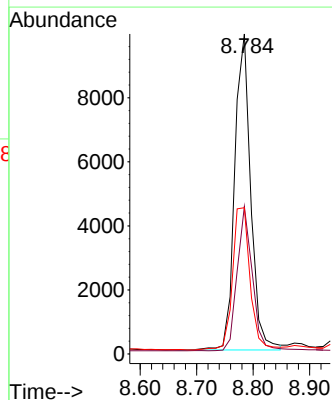
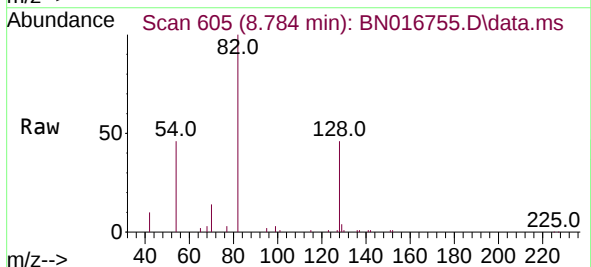
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	116678
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	6.5 9.7#
68	5.4	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion: 82	Resp:	19364
Ion Ratio	Lower	Upper
82	100	
128	46.1	33.8 50.6
54	45.7	38.5 57.7

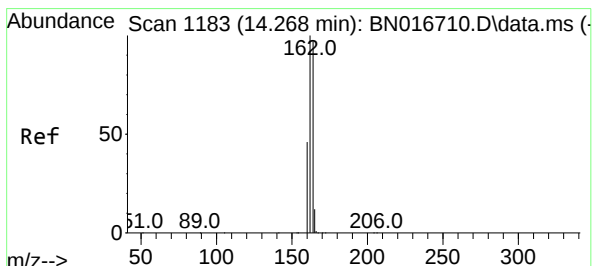
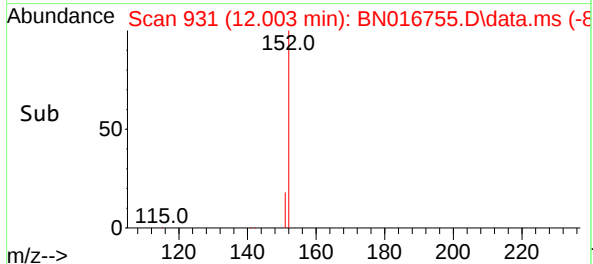
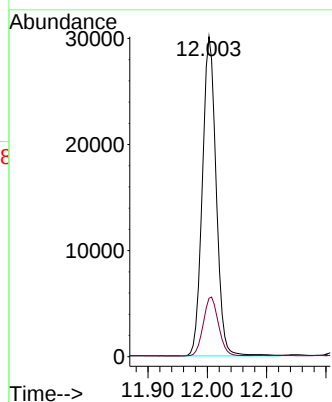
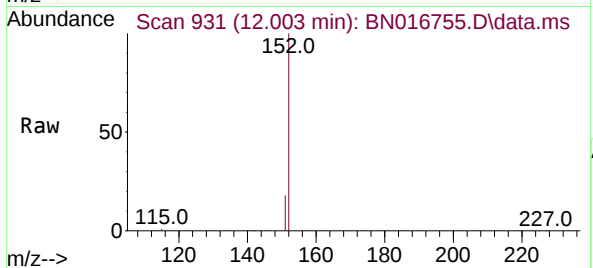




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

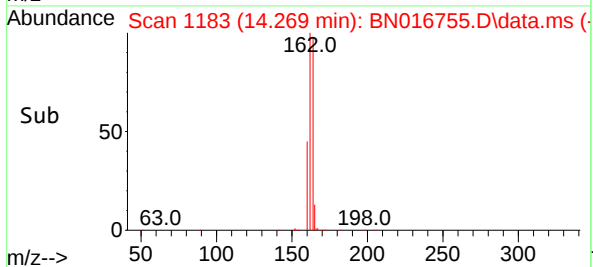
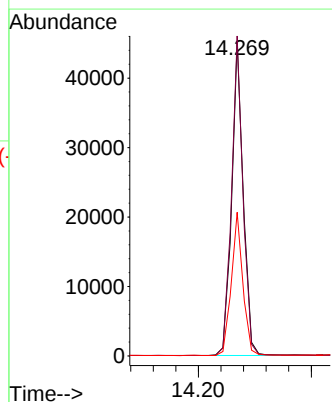
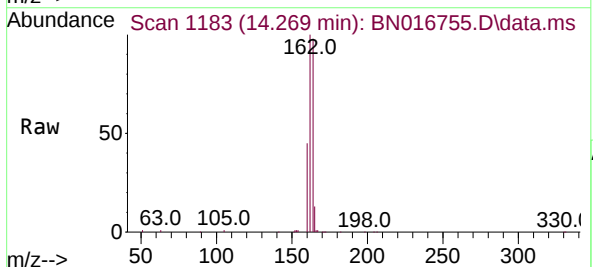
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 48580
Ion Ratio Lower Upper
152 100
151 20.2 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: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion:164 Resp: 64270
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.7 38.2 57.2

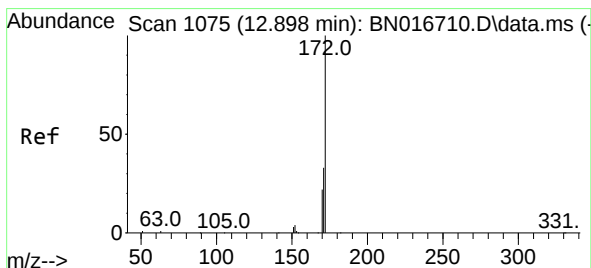
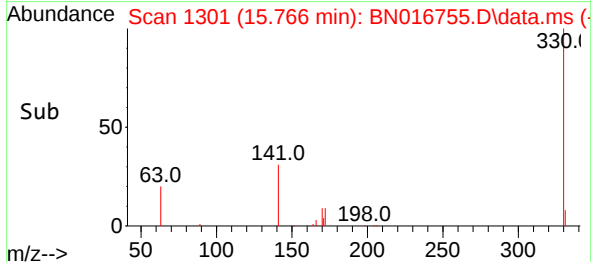
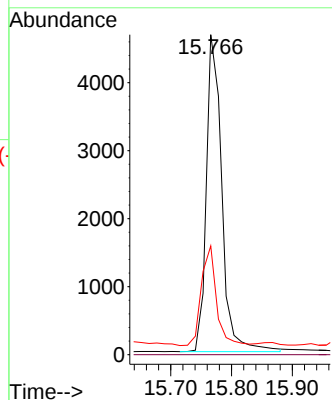
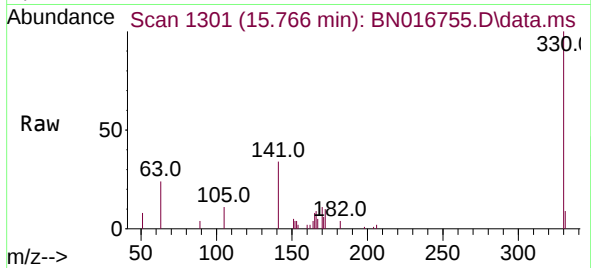




#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

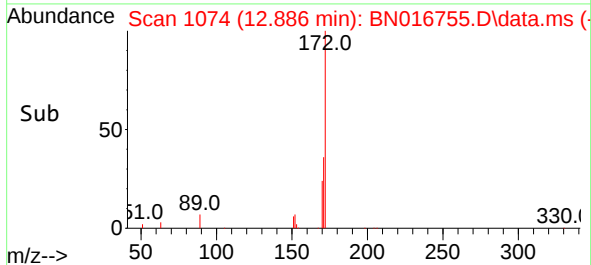
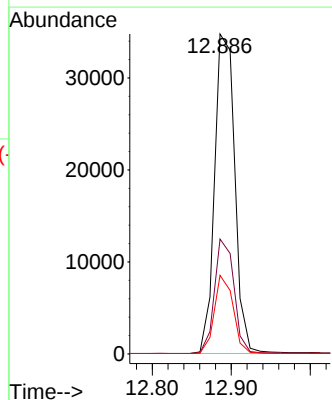
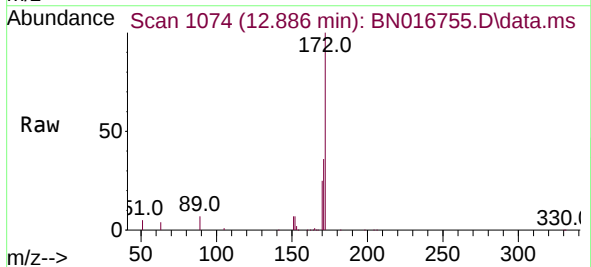
Instrument :
BNA_N
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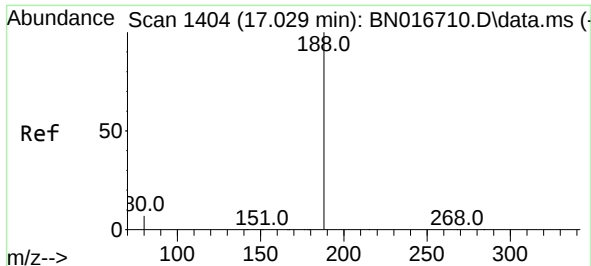
Tgt Ion:330 Resp: 8237
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion:172 Resp: 61698
Ion Ratio Lower Upper
172 100
171 35.9 26.9 40.3
170 24.5 17.4 26.0

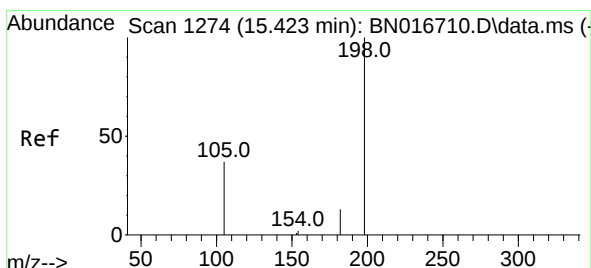
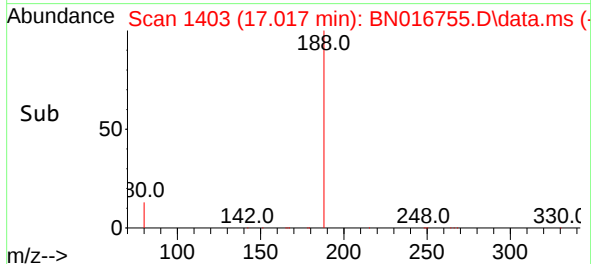
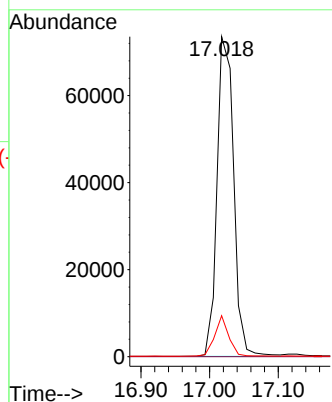
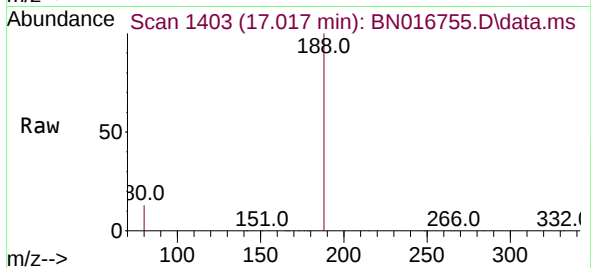




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

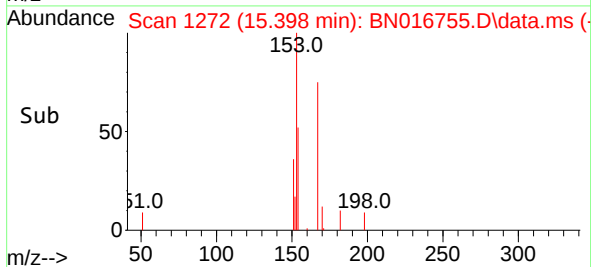
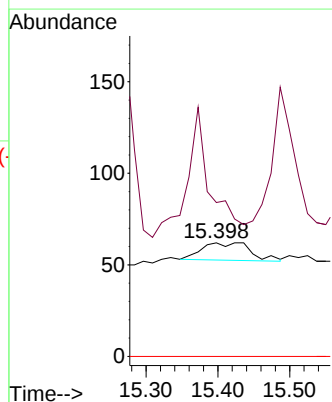
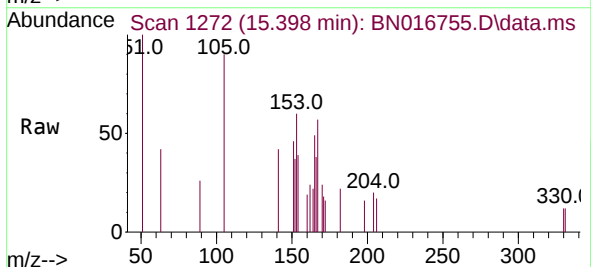
Instrument :
BNA_N
ClientSampleId :

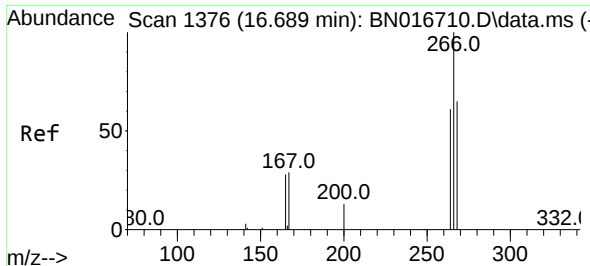
Tgt Ion:188 Resp: 123344
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.270 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.025 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
182 135.5 26.2 39.2#
77 0.0 0.0 0.0

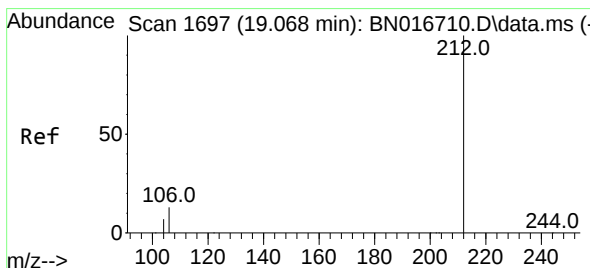
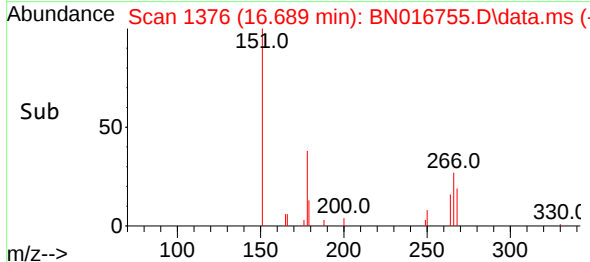
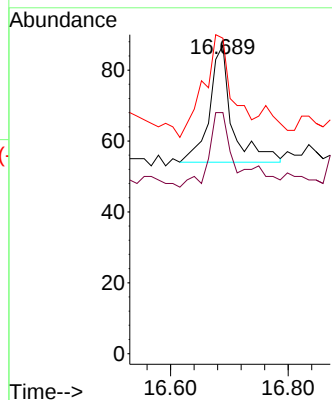
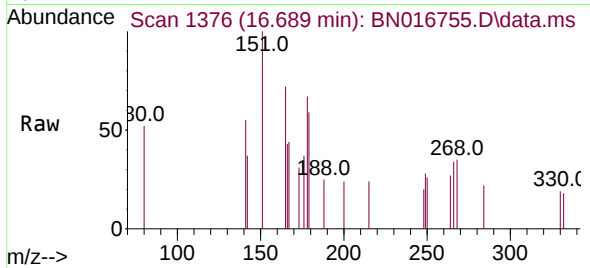




#24
 Pentachlorophenol
 Concen: 0.341 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016755.D
 Acq: 05 Oct 2021 21:50

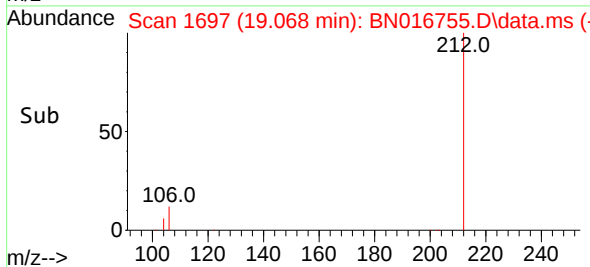
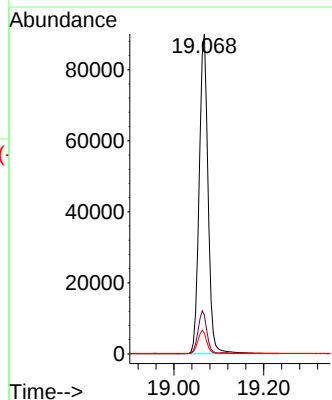
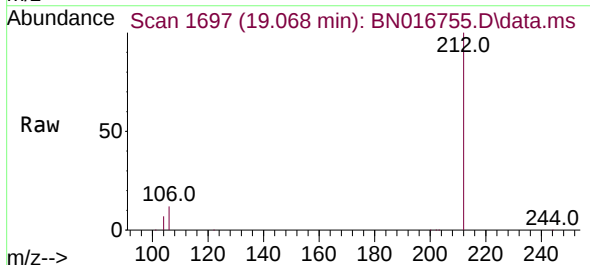
Instrument :
 BNA_N
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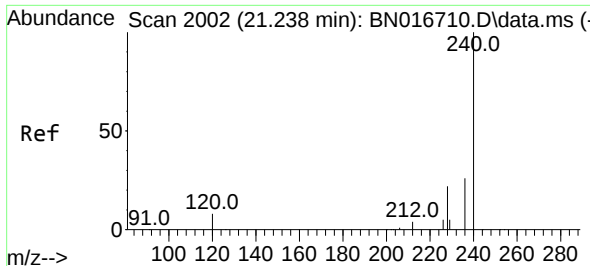
Tgt Ion:266 Resp: 88
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.3 73.9
 268 110.2 51.8 77.8#



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016755.D
 Acq: 05 Oct 2021 21:50

Tgt Ion:212 Resp: 124139
 Ion Ratio Lower Upper
 212 100
 106 13.3 10.6 16.0
 104 7.2 5.8 8.8

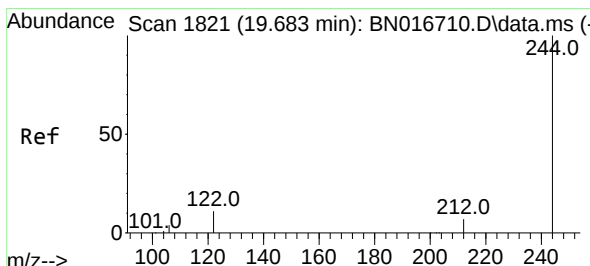
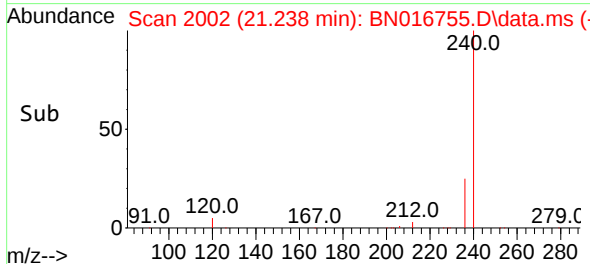
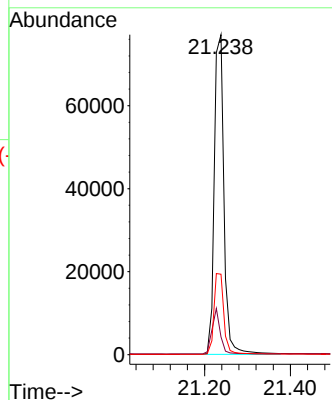
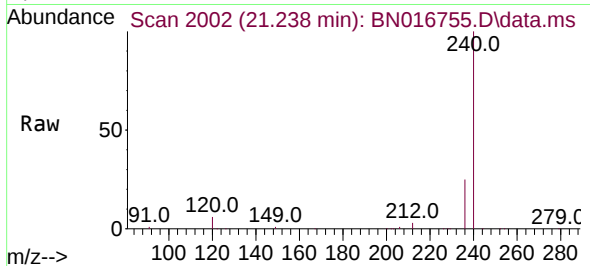




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

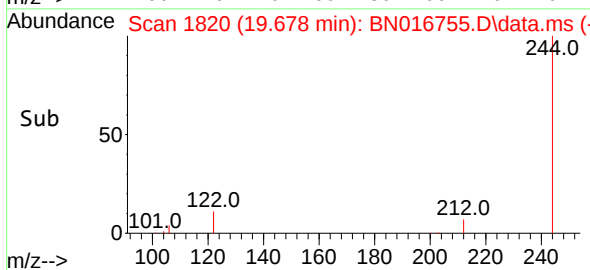
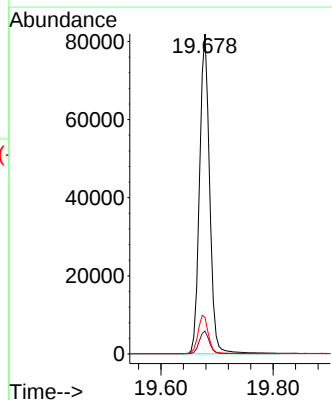
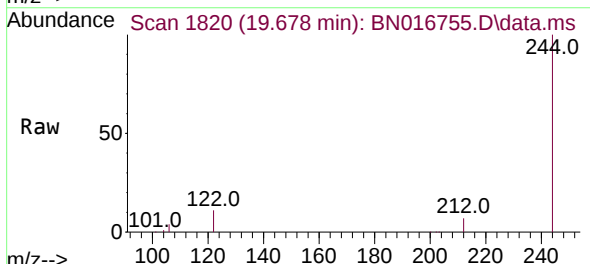
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BNA_N
ClientSampleId :

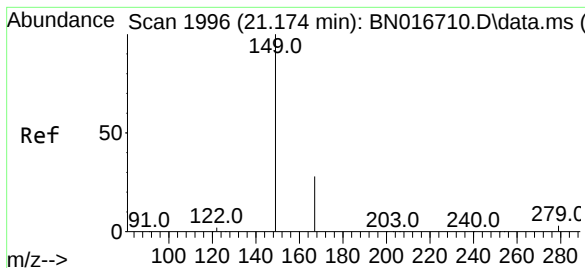
Tgt Ion:240 Resp: 121100
Ion Ratio Lower Upper
240 100
120 5.5 6.6 10.0#
236 25.2 20.7 31.1



#31
Terphenyl-d14
Concen: 0.377 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion:244 Resp: 102229
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.4 8.9 13.3

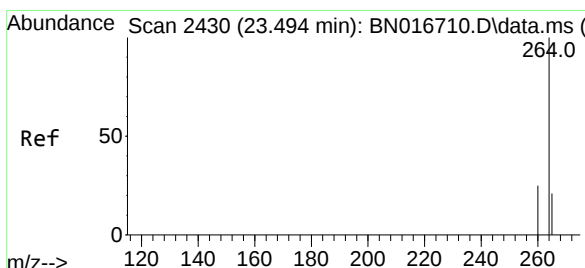
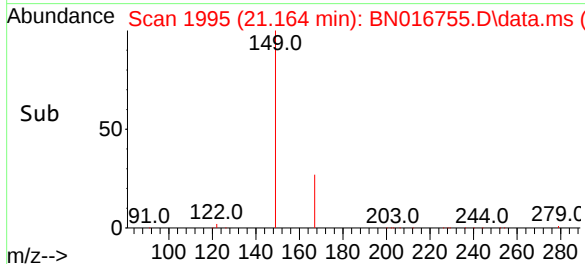
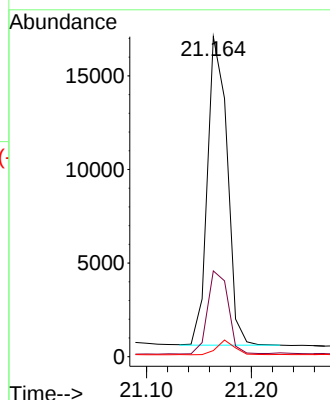
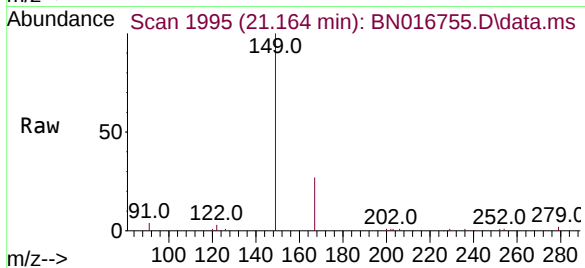




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 21532
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.3 3.4 5.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN016755.D
Acq: 05 Oct 2021 21:50

Tgt Ion:264 Resp: 124601
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 23.1 20.3 30.5

