

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016720.D
 Acq On : 04 Oct 2021 21:23
 Operator : CG/JU
 Sample : M4045-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-818-N-SO-1-1.5-100121

Quant Time: Oct 05 03:34:55 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)

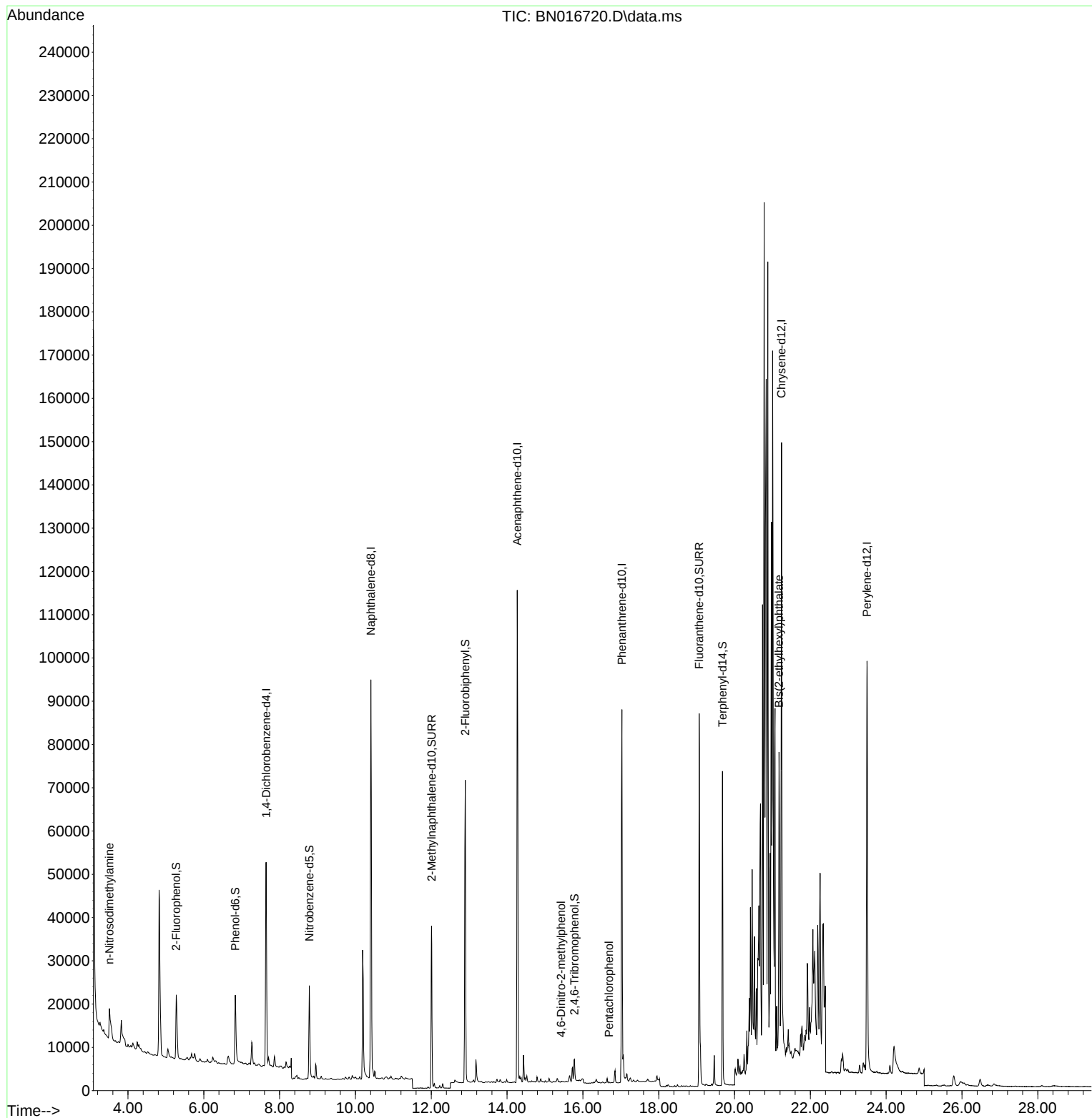
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27910	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	126746	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67709	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	127805	0.400	ng	0.00
29) Chrysene-d12	21.238	240	122405	0.400	ng	0.00
35) Perylene-d12	23.495	264	131998	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	17902	0.251	ng	0.02
5) Phenol-d6	6.831	99	17967	0.227	ng	0.00
8) Nitrobenzene-d5	8.784	82	19004	0.214	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	50879	0.269	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	5473	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	64334	0.238	ng	0.00
27) Fluoranthene-d10	19.068	212	97469	0.279	ng	0.00
31) Terphenyl-d14	19.683	244	75416	0.275	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.511	42	2775	0.132	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.423	198	18	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	175	0.343	ng	89
34) Bis(2-ethylhexyl)phtha...	21.174	149	99539	0.432	ng	# 79

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

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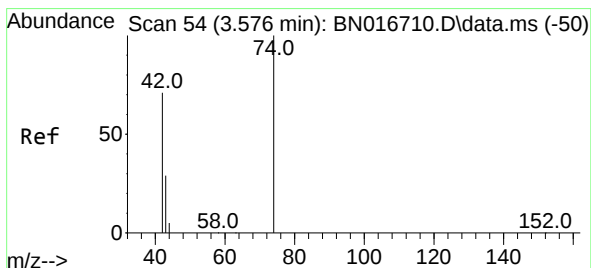
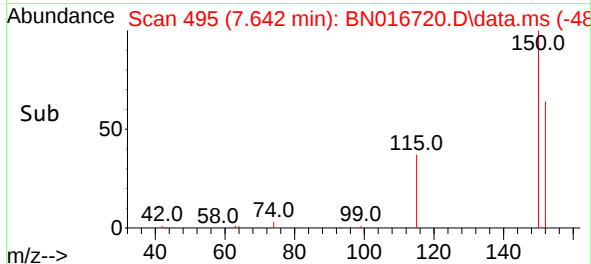
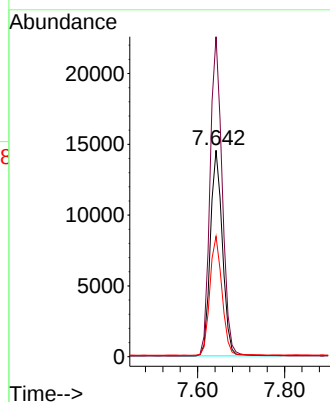
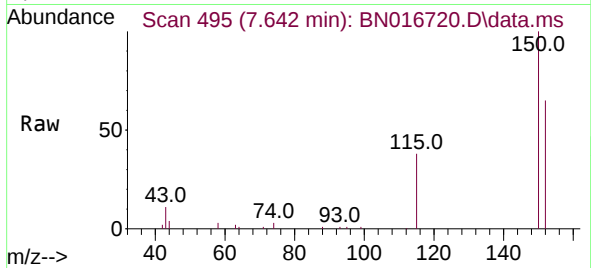




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016720.D
 Acq: 04 Oct 2021 21:23

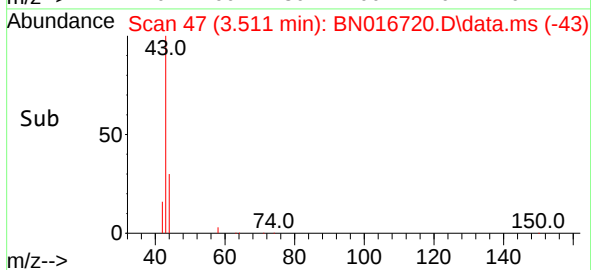
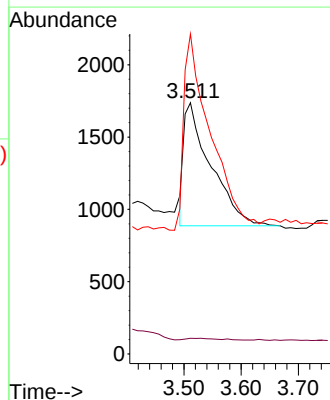
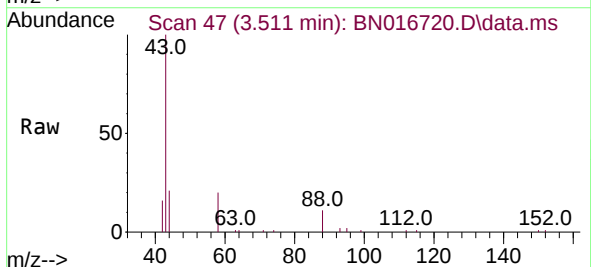
Instrument :
 BNA_N
 ClientSampleId :
 S-818-N-SO-1-1.5-100121

Tgt Ion:152 Resp: 27910
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.3 184.9
 115 58.3 47.0 70.6



#3
 n-Nitrosodimethylamine
 Concen: 0.132 ng
 RT: 3.511 min Scan# 47
 Delta R.T. -0.064 min
 Lab File: BN016720.D
 Acq: 04 Oct 2021 21:23

Tgt Ion: 42 Resp: 2775
 Ion Ratio Lower Upper
 42 100
 74 1.7 124.0 186.0#
 44 143.1 5.6 8.4#

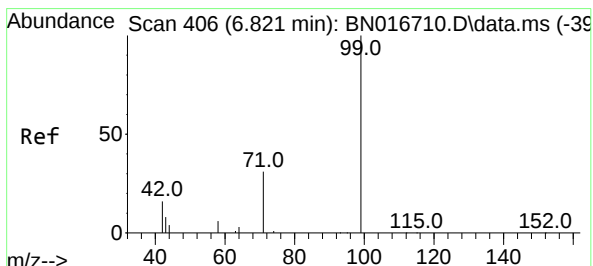
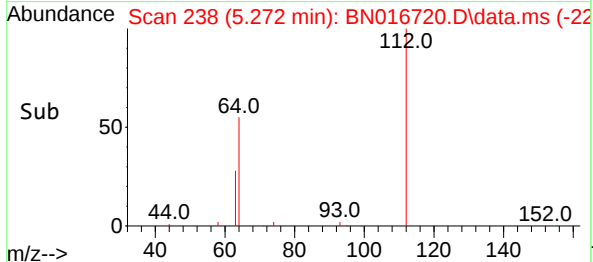
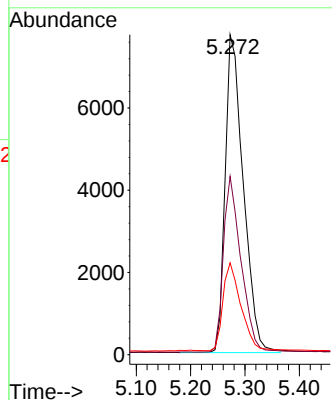
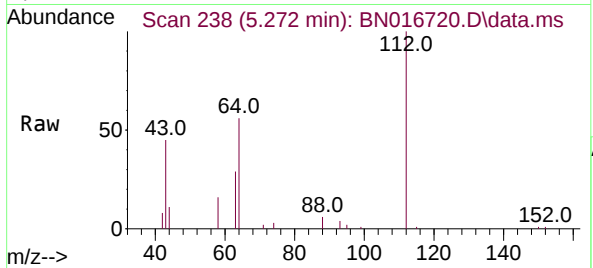




#4
2-Fluorophenol
Concen: 0.251 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

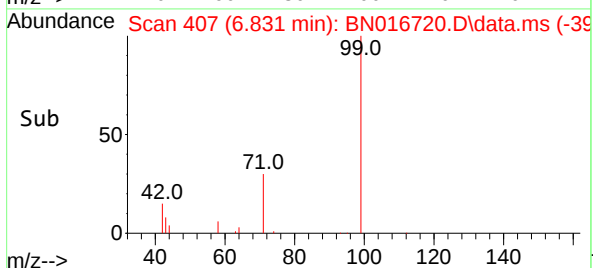
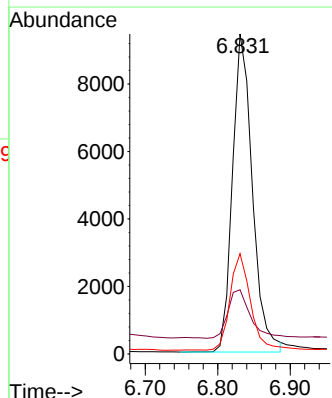
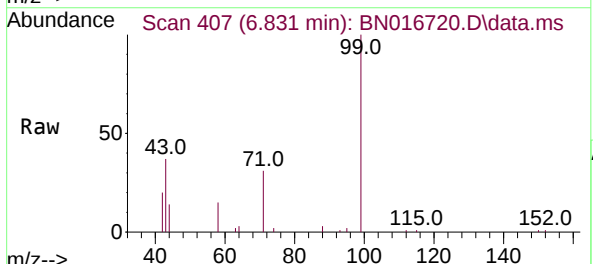
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

Tgt Ion:112 Resp: 17902
Ion Ratio Lower Upper
112 100
64 53.7 42.9 64.3
63 27.4 21.5 32.3



#5
Phenol-d6
Concen: 0.227 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

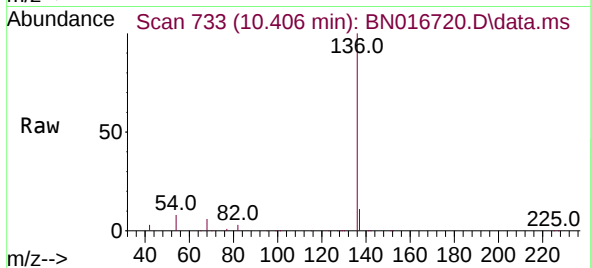
Tgt Ion: 99 Resp: 17967
Ion Ratio Lower Upper
99 100
42 17.1 13.4 20.2
71 30.7 24.0 36.0



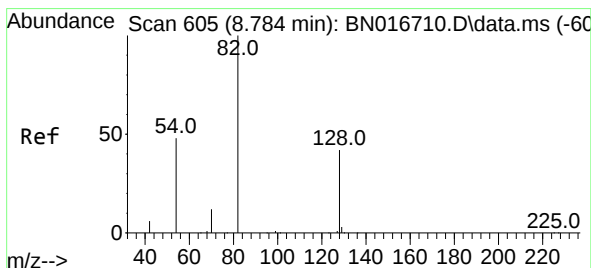
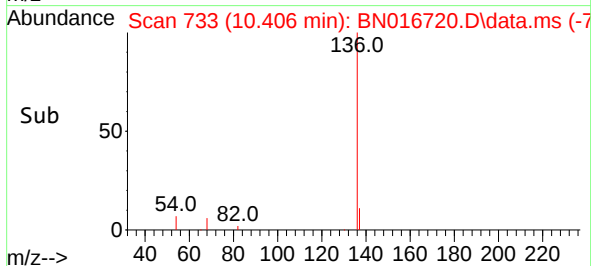
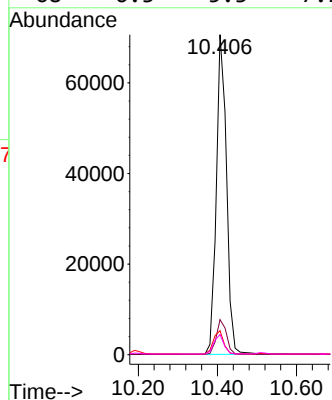


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

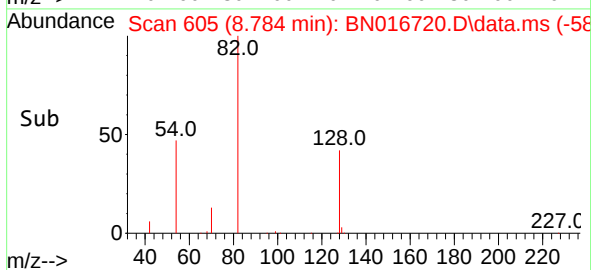
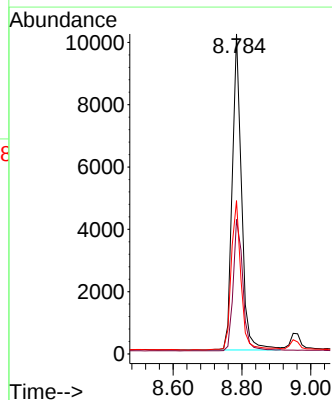
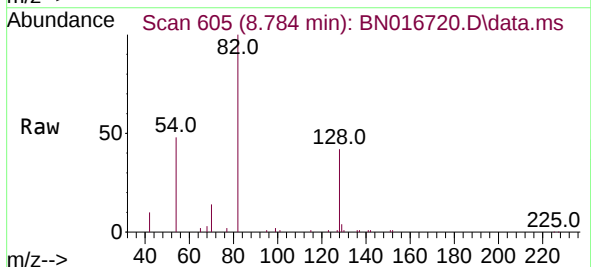


Tgt Ion:	136	Resp:	126746
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.5	6.5	9.7
68	6.3	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:	82	Resp:	19004
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.8	50.6
54	47.9	38.5	57.7

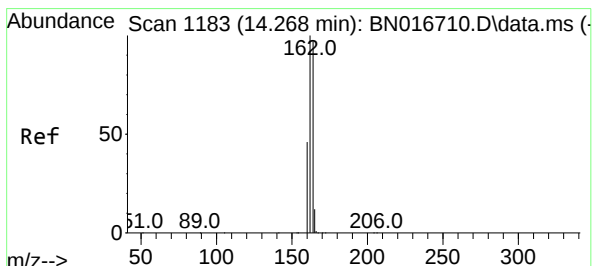
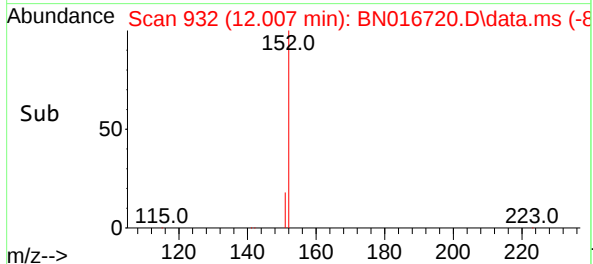
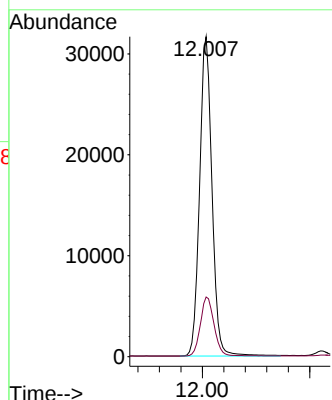
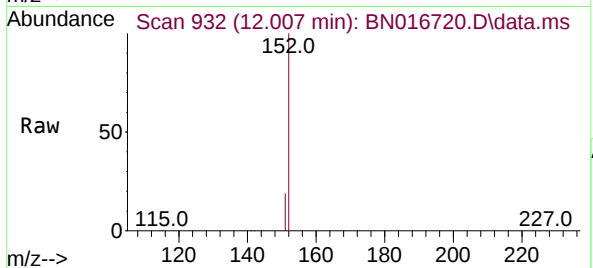




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

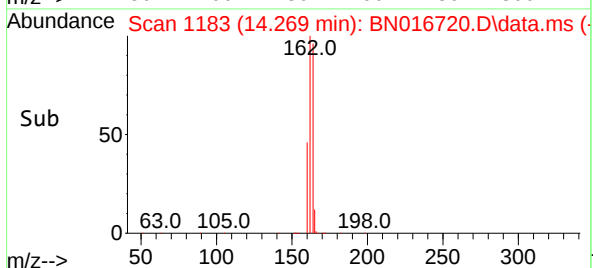
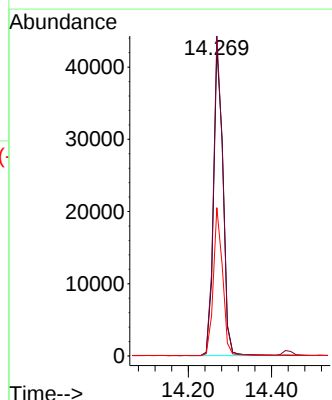
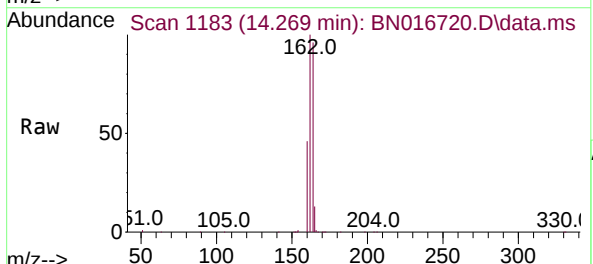
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

Tgt Ion:152 Resp: 50879
Ion Ratio Lower Upper
152 100
151 20.4 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: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:164 Resp: 67709
Ion Ratio Lower Upper
164 100
162 103.7 82.6 124.0
160 48.0 38.2 57.2

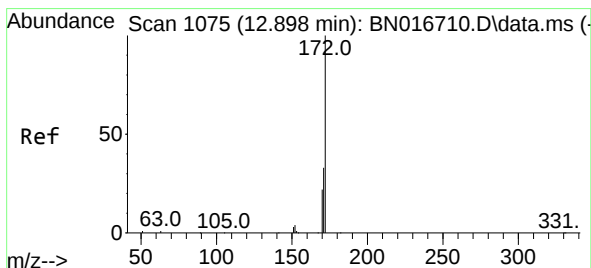
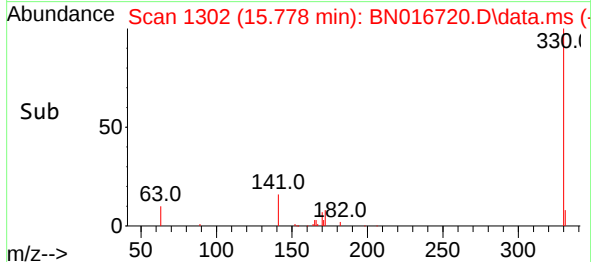
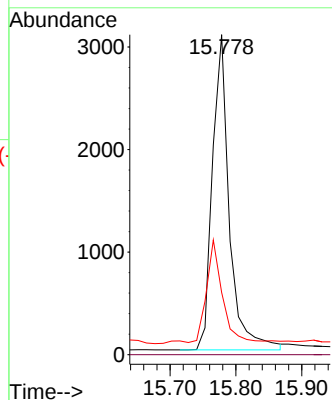
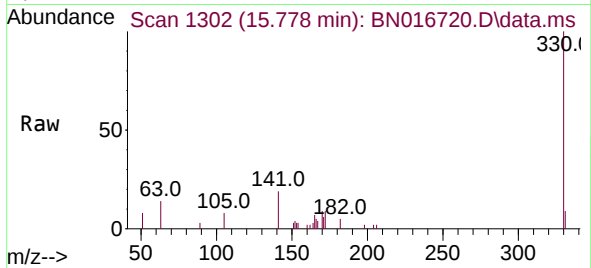




#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

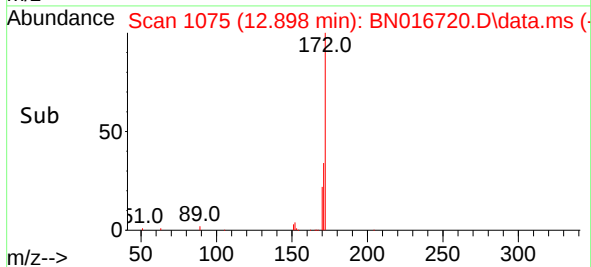
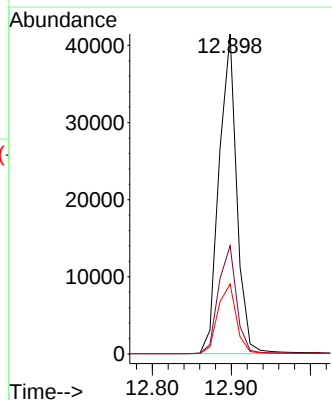
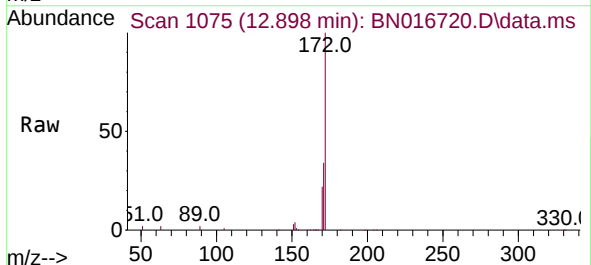
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

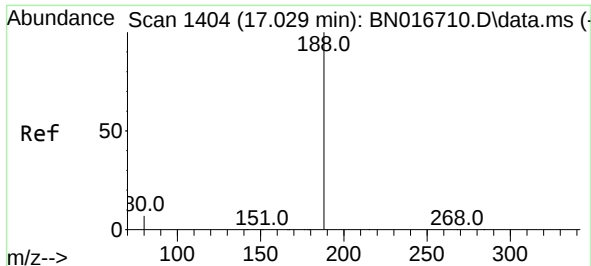
Tgt Ion: 330 Resp: 5473
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion: 172 Resp: 64334
Ion Ratio Lower Upper
172 100
171 33.9 26.9 40.3
170 21.9 17.4 26.0

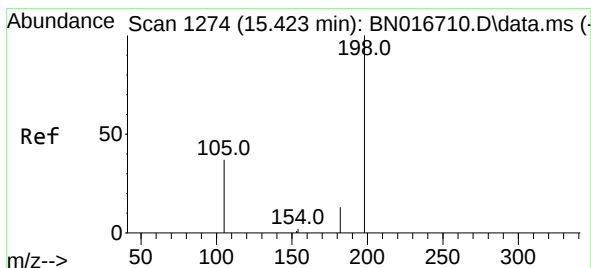
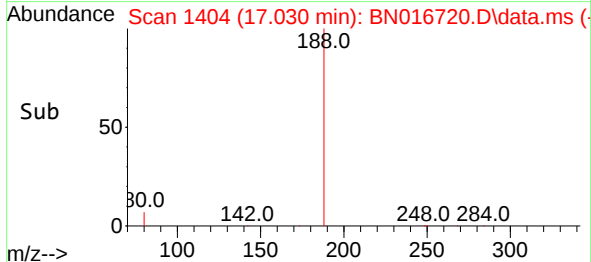
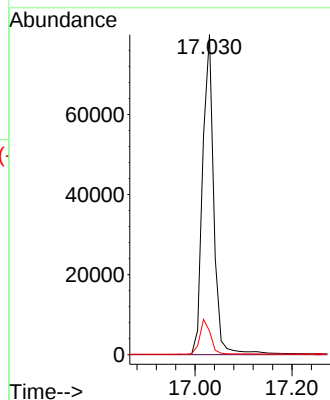
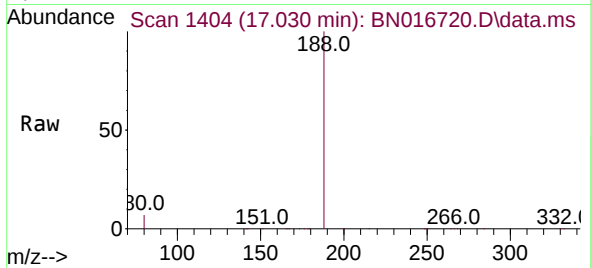




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

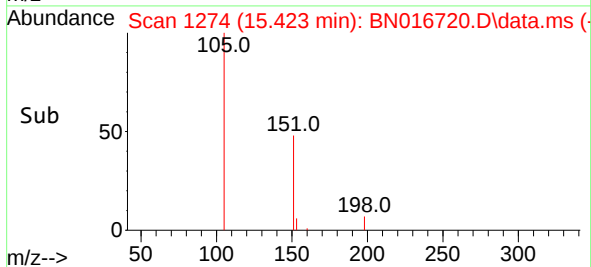
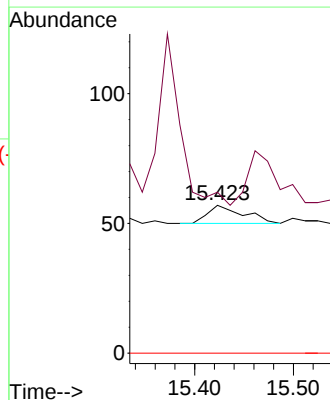
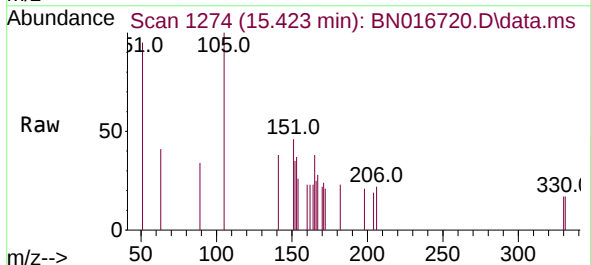
Instrument :
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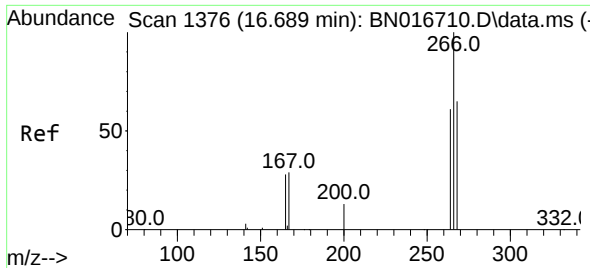
Tgt Ion:188	Resp:	127805
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.4	5.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:198	Resp:	18
Ion Ratio	Lower	Upper
198	100	
182	108.8	26.2
77	0.0	0.0

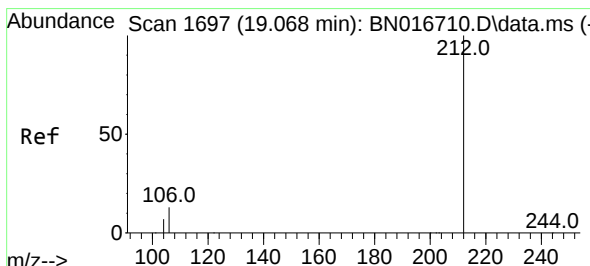
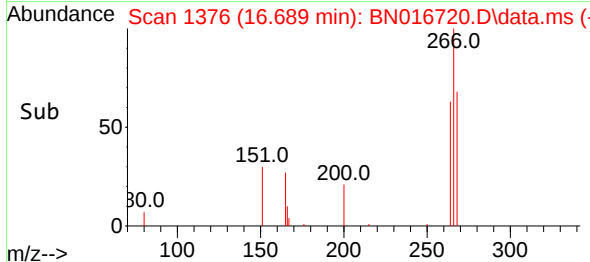
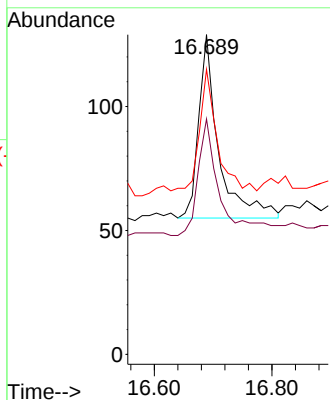
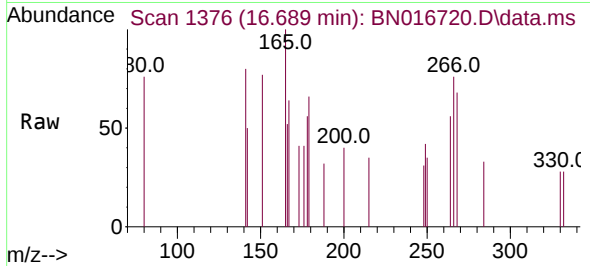




#24
 Pentachlorophenol
 Concen: 0.343 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016720.D
 Acq: 04 Oct 2021 21:23

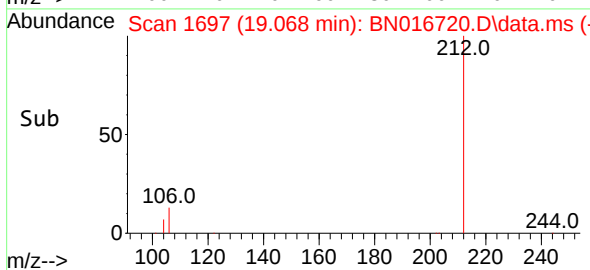
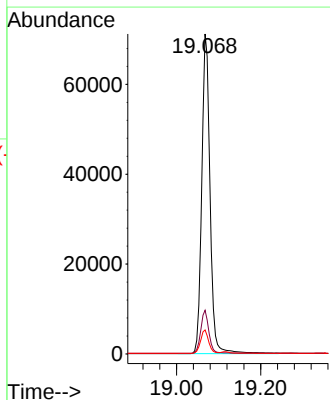
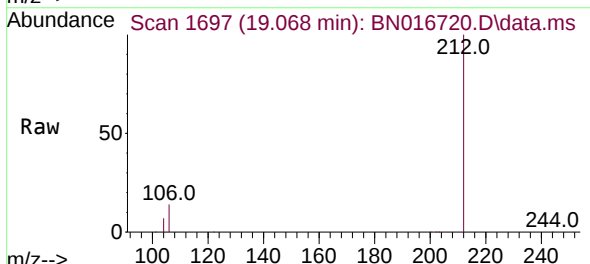
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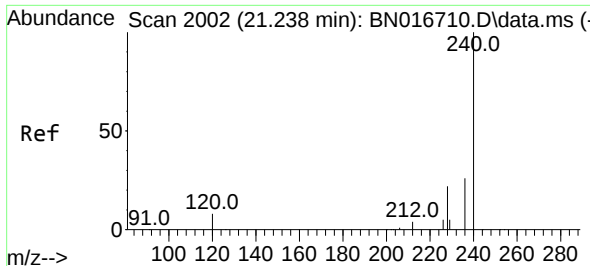
Tgt Ion:	266	Resp:	175
Ion Ratio	Lower	Upper	
266	100		
264	70.3	49.3	73.9
268	56.6	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.279 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016720.D
 Acq: 04 Oct 2021 21:23

Tgt Ion:	212	Resp:	97469
Ion Ratio	Lower	Upper	
212	100		
106	13.3	10.6	16.0
104	7.1	5.8	8.8

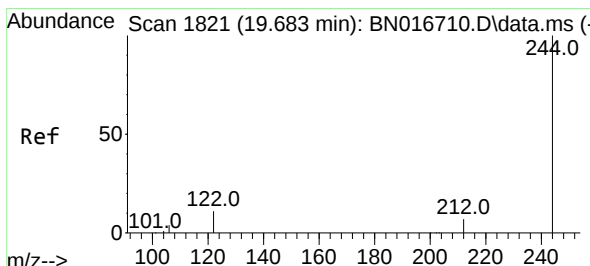
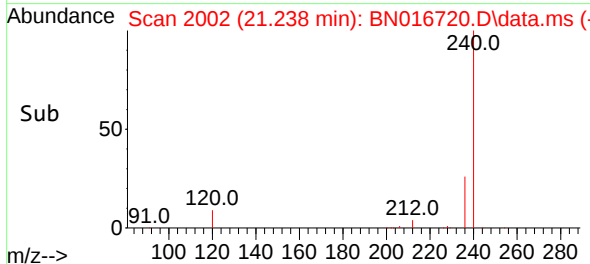
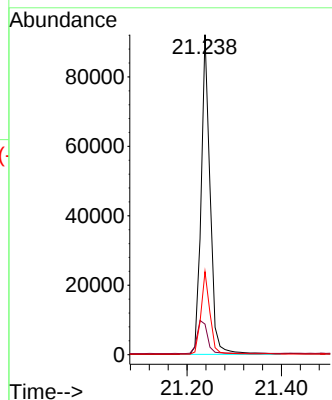
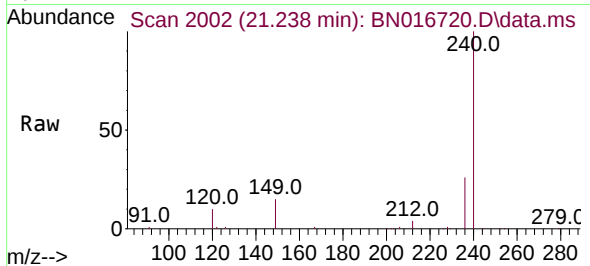




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

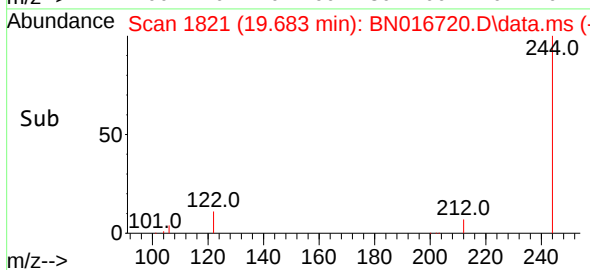
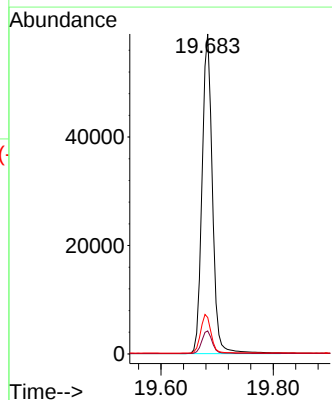
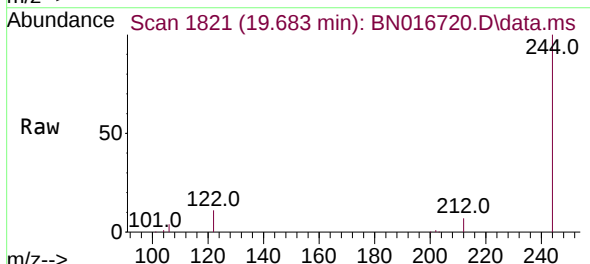
Instrument :
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ClientSampleId :
S-818-N-SO-1-1.5-100121

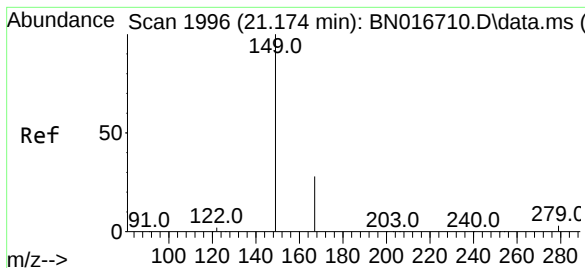
Tgt Ion:240 Resp: 122405
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 25.9 20.7 31.1



#31
Terphenyl-d14
Concen: 0.275 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:244 Resp: 75416
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.4 8.9 13.3

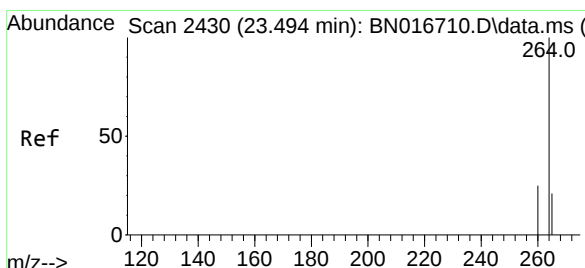
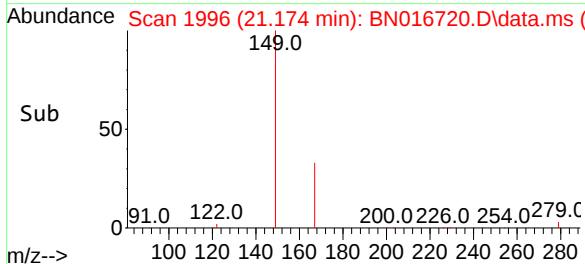
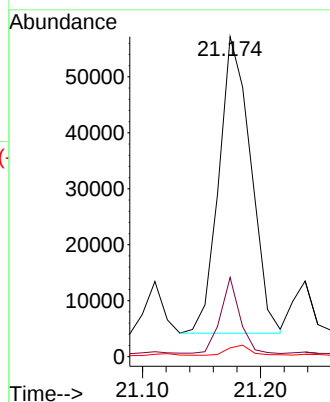
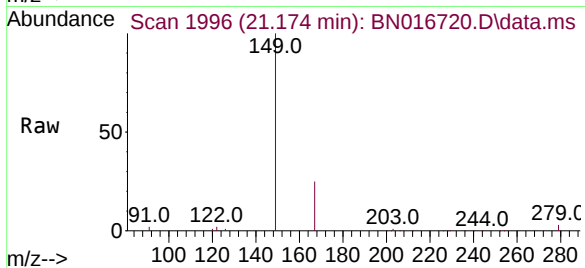




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.432 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

Tgt Ion:149 Resp: 99539
Ion Ratio Lower Upper
149 100
167 15.7 22.2 33.4#
279 2.5 3.4 5.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:264 Resp: 131998
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 23.9 20.3 30.5

