

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016731.D
 Acq On : 05 Oct 2021 05:13
 Operator : CG/JU
 Sample : M3829-04DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210917DL

Quant Time: Oct 05 06:27:51 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)

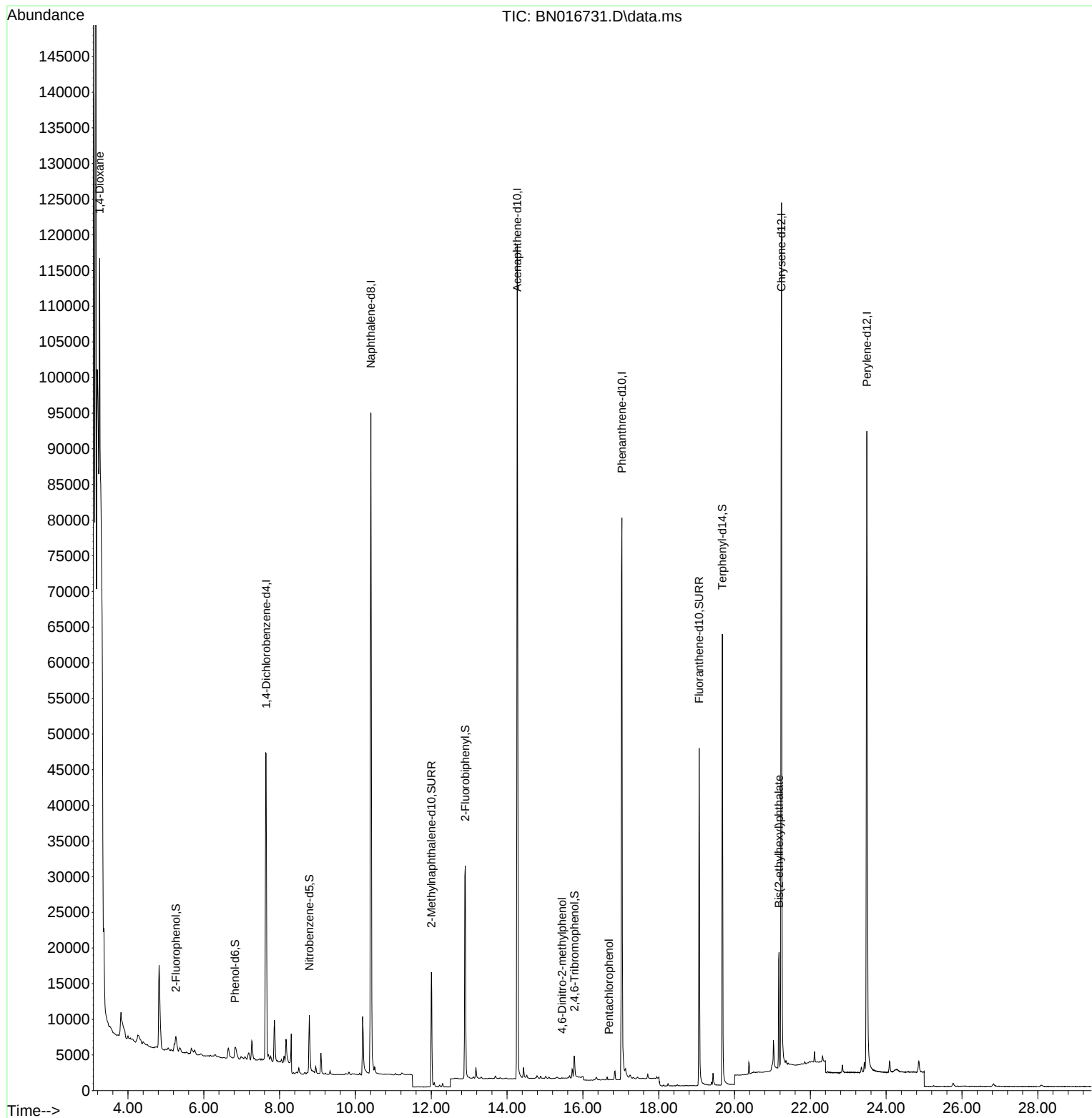
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28166	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	128024	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	66625	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	126149	0.400	ng	0.00
29) Chrysene-d12	21.238	240	124177	0.400	ng	0.00
35) Perylene-d12	23.491	264	126751	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3034	0.042	ng	0.00
5) Phenol-d6	6.822	99	1811	0.023	ng	0.00
8) Nitrobenzene-d5	8.784	82	8344	0.093	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	22702	0.119	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	3748	0.214	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	31339	0.118	ng	0.00
27) Fluoranthene-d10	19.068	212	56759	0.164	ng	0.00
31) Terphenyl-d14	19.678	244	66257	0.238	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	31909	2.427	ng	59
20) 4,6-Dinitro-2-methylph...	15.449	198	8	0.267	ng	1
24) Pentachlorophenol	16.689	266	84	0.340	ng	86
34) Bis(2-ethylhexyl)phtha...	21.174	149	17122	0.073	ng	100

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

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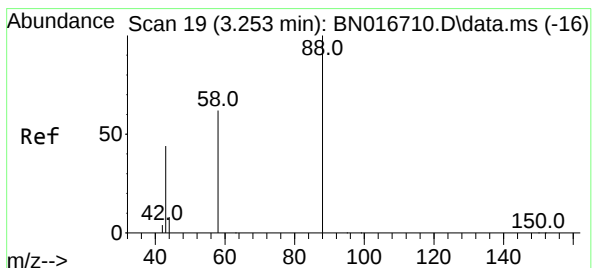
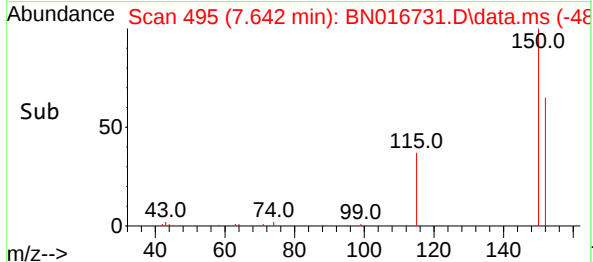
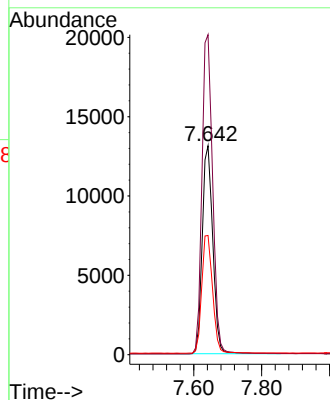
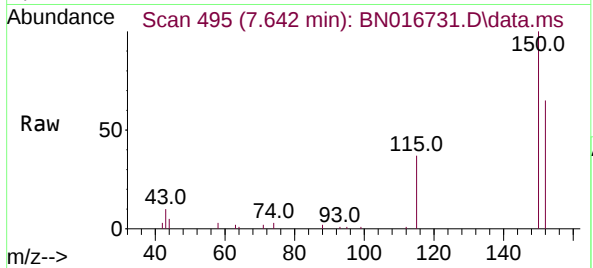




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

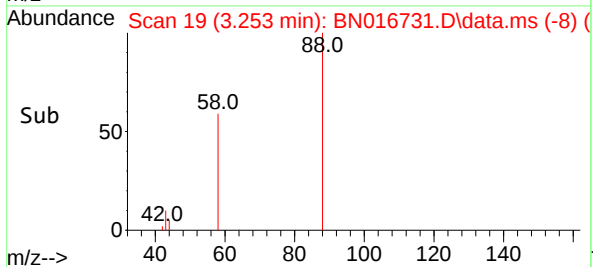
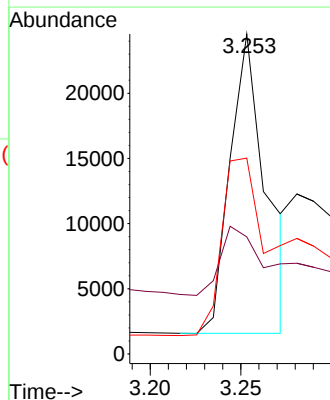
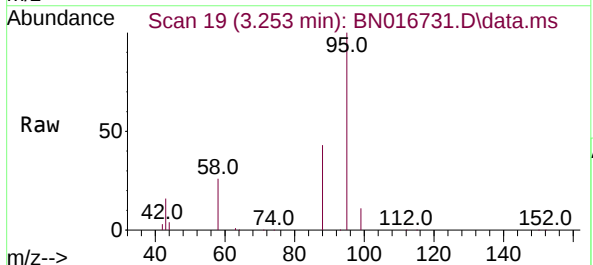
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210917DL

Tgt Ion:152 Resp: 28166
Ion Ratio Lower Upper
152 100
150 153.2 123.3 184.9
115 57.1 47.0 70.6



#2
1,4-Dioxane
Concen: 2.427 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion: 88 Resp: 31909
Ion Ratio Lower Upper
88 100
43 22.0 61.7 92.5#
58 61.8 62.2 93.2#

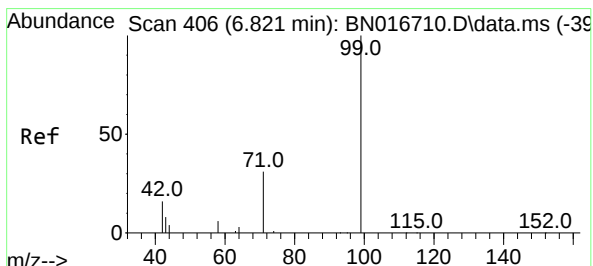
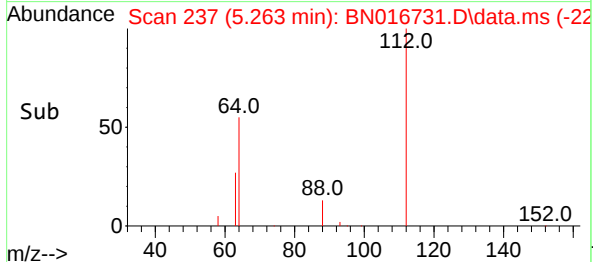
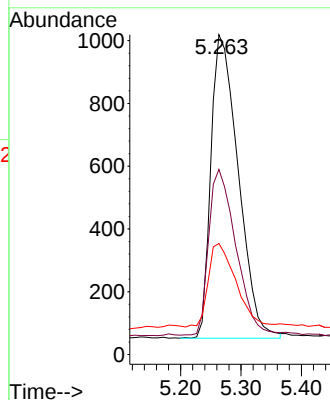
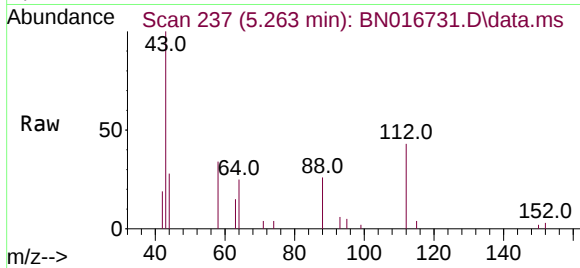




#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

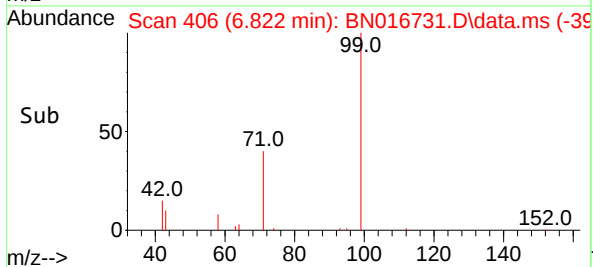
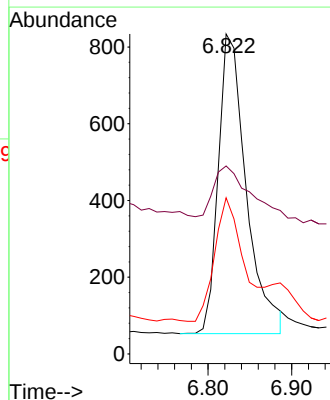
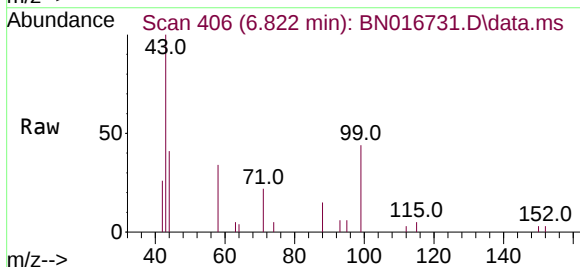
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210917DL

Tgt Ion:112	Resp:	3034
Ion	Ratio	Lower Upper
112	100	
64	54.2	42.9 64.3
63	27.8	21.5 32.3



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion: 99	Resp:	1811
Ion	Ratio	Lower Upper
99	100	
42	20.7	13.4 20.2#
71	43.8	24.0 36.0#

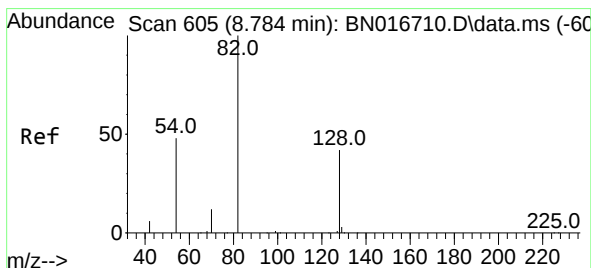
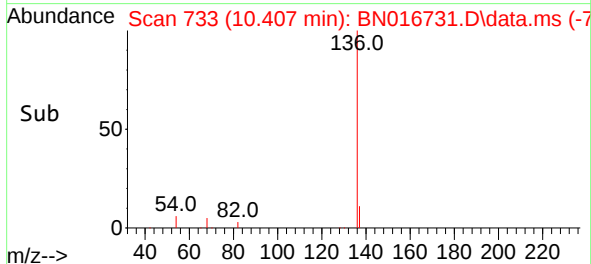
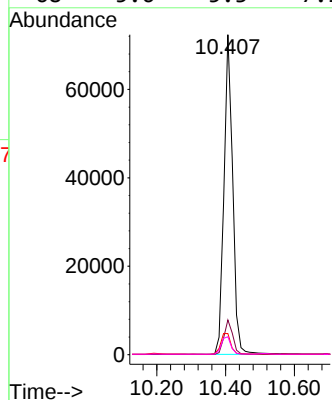
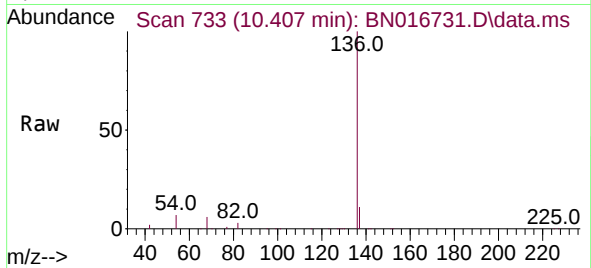




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

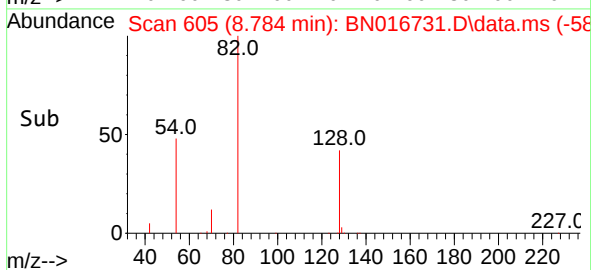
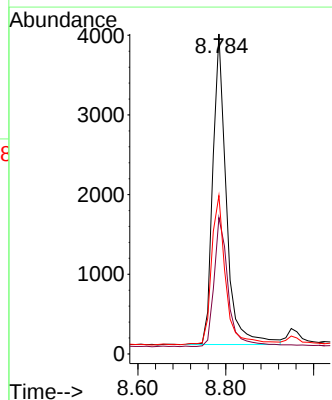
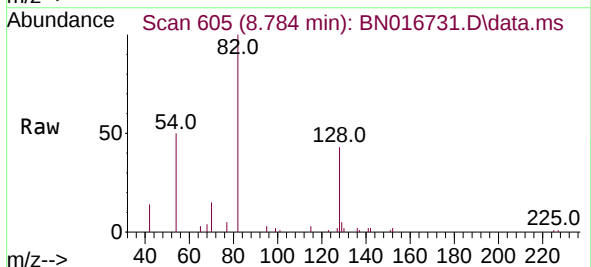
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210917DL

Tgt Ion:	136	Resp:	128024
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.6	6.5	9.7
68	5.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.093 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion:	82	Resp:	8344
Ion Ratio	Lower	Upper	
82	100		
128	42.7	33.8	50.6
54	49.5	38.5	57.7

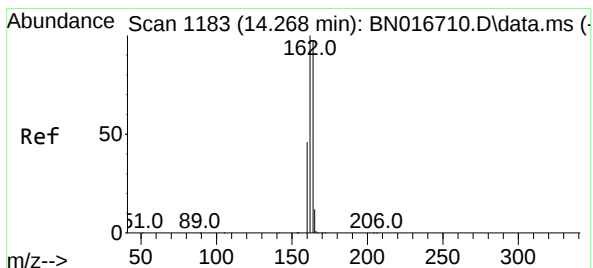
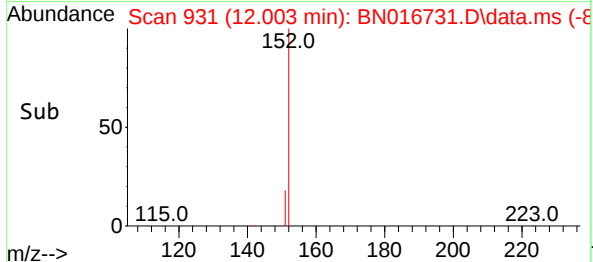
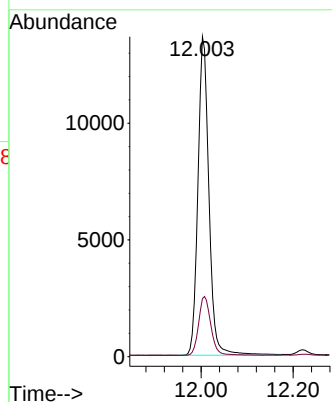
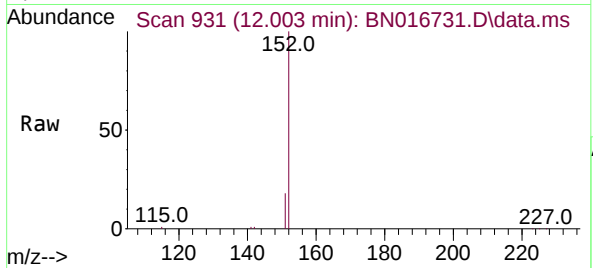




#11
2-Methylnaphthalene-d10
Concen: 0.119 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

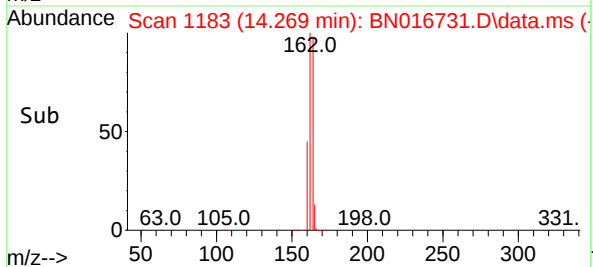
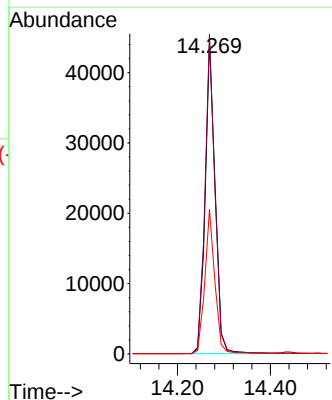
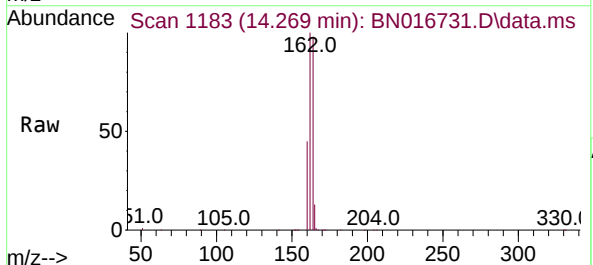
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210917DL

Tgt Ion:152 Resp: 22702
Ion Ratio Lower Upper
152 100
151 20.7 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: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion:164 Resp: 66625
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 46.2 38.2 57.2

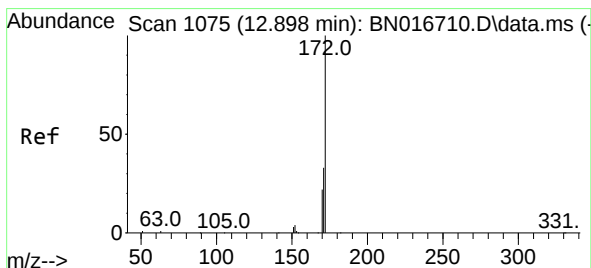
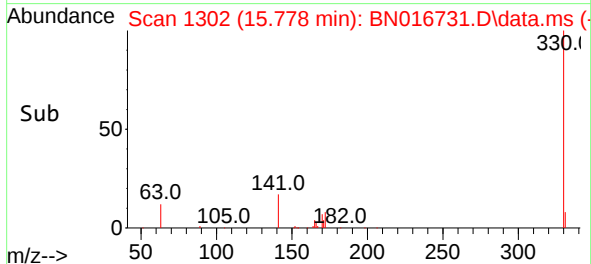
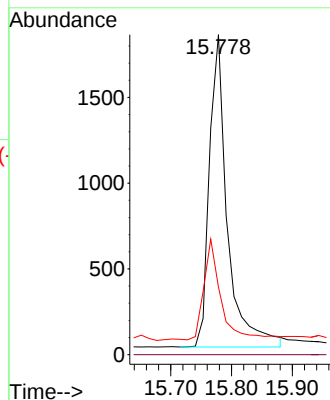
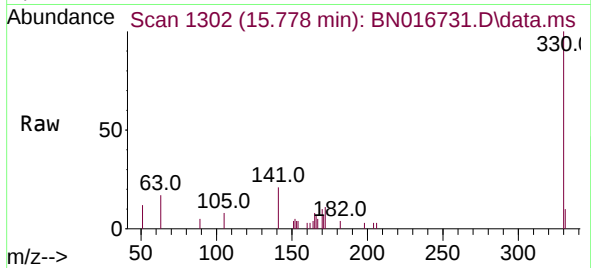




#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

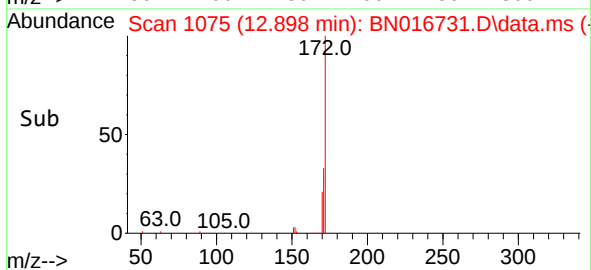
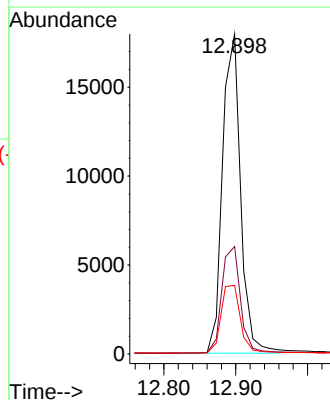
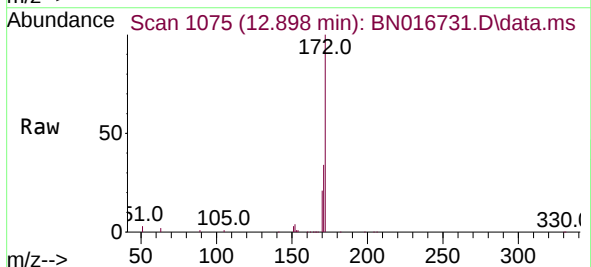
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BNA_N
ClientSampleId :
RE125D1-20210917DL

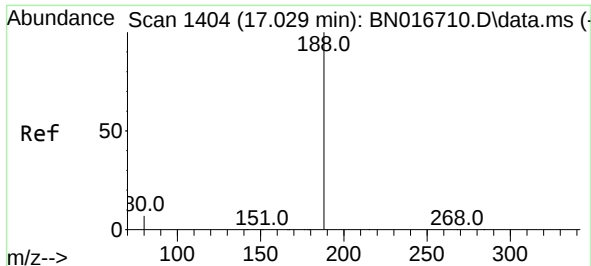
Tgt Ion: 330 Resp: 3748
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.118 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion: 172 Resp: 31339
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.4 17.4 26.0

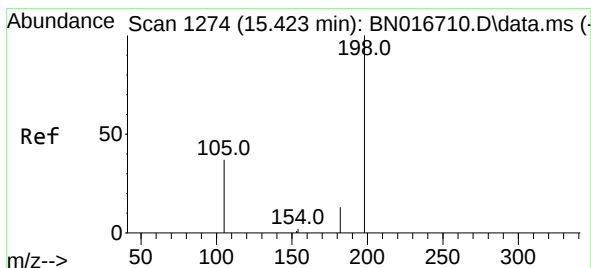
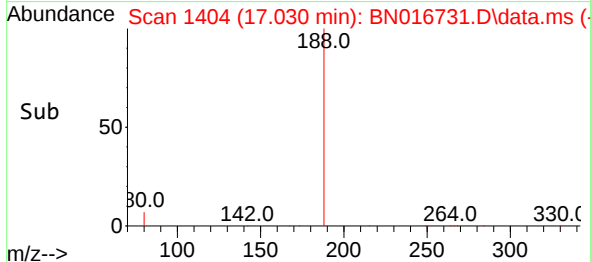
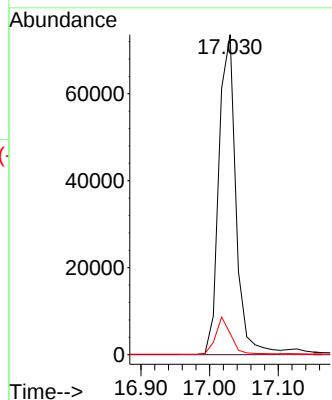
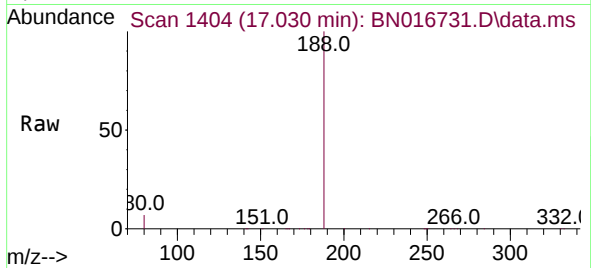




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

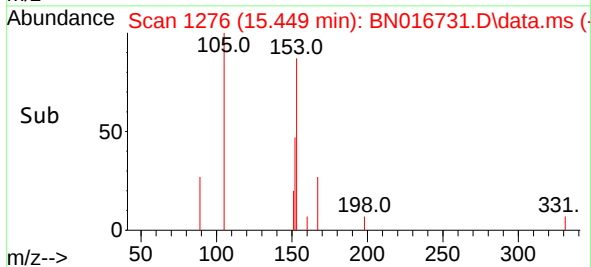
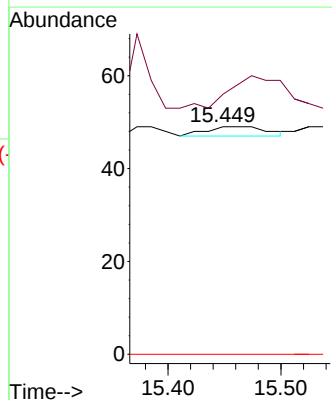
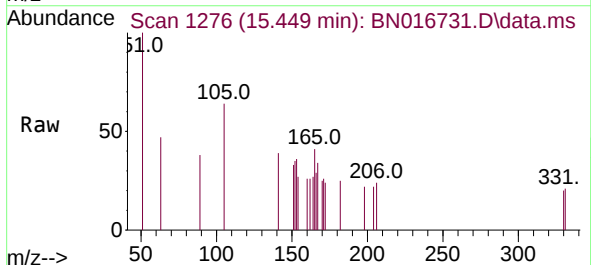
Instrument :
BNA_N
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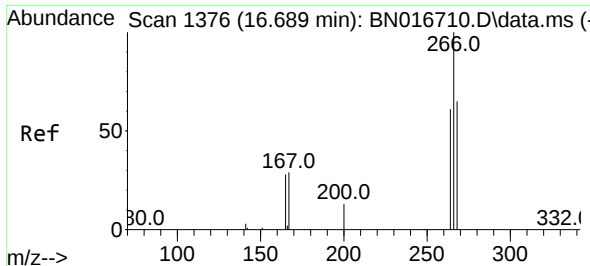
Tgt Ion:188 Resp: 126149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.026 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 114.3 26.2 39.2#
77 0.0 0.0 0.0

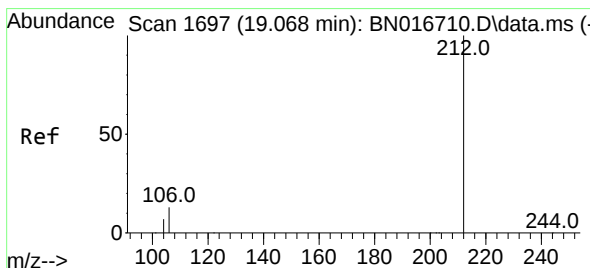
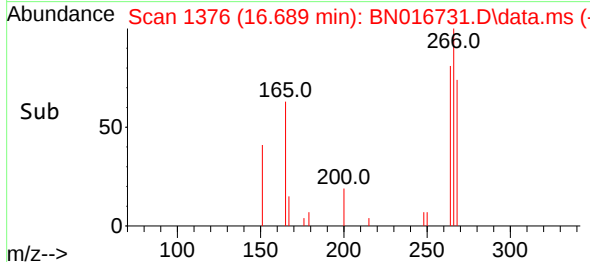
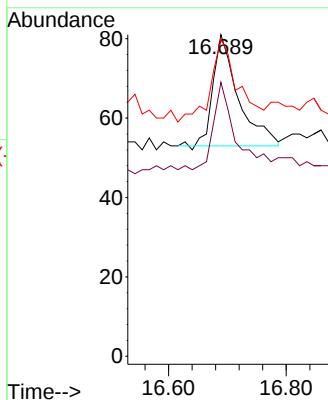
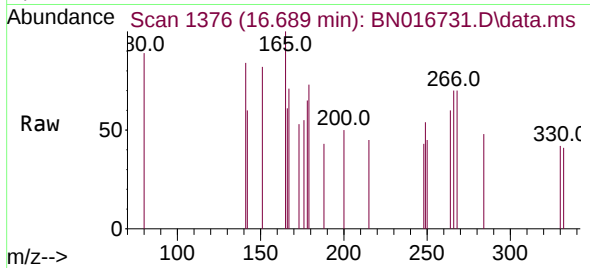




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016731.D
 Acq: 05 Oct 2021 05:13

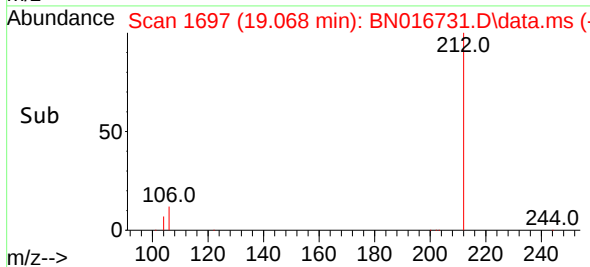
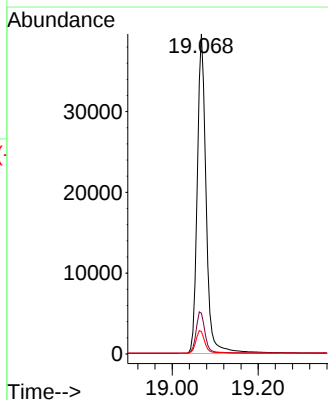
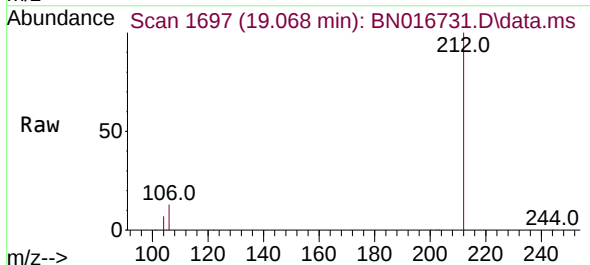
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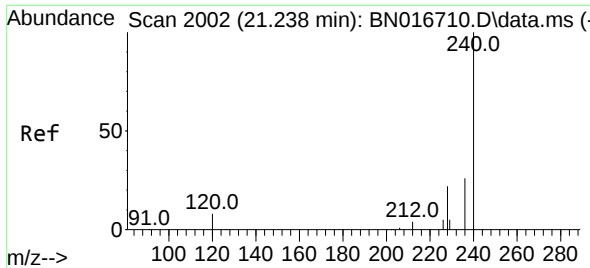
Tgt Ion:	266	Resp:	84
Ion Ratio	Lower	Upper	
266	100		
264	69.0	49.3	73.9
268	78.6	51.8	77.8#



#27
 Fluoranthene-d10
 Concen: 0.164 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016731.D
 Acq: 05 Oct 2021 05:13

Tgt Ion:	212	Resp:	56759
Ion Ratio	Lower	Upper	
212	100		
106	13.2	10.6	16.0
104	7.3	5.8	8.8

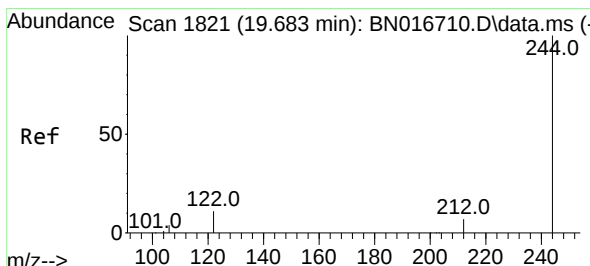
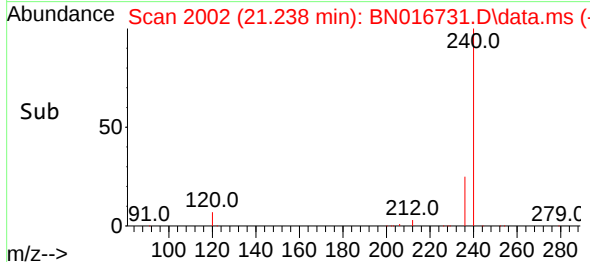
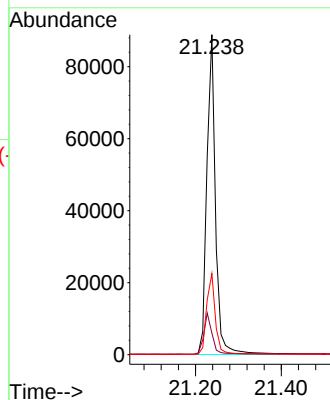
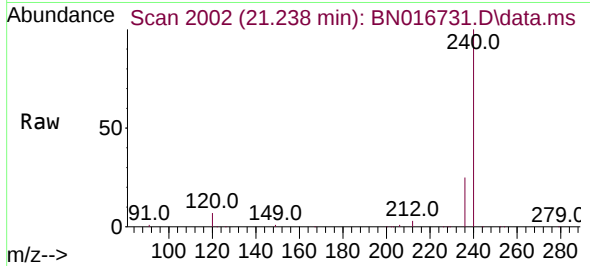




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

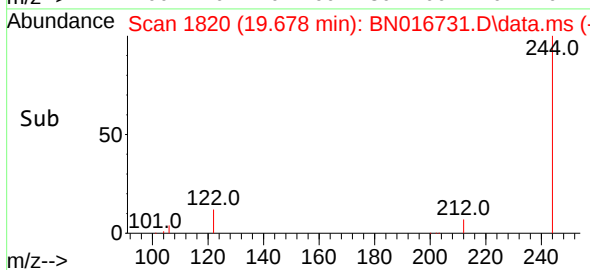
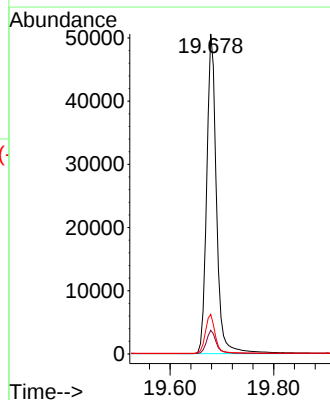
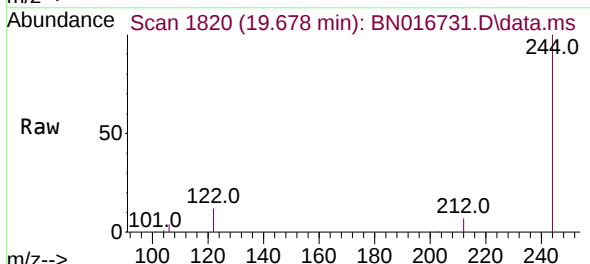
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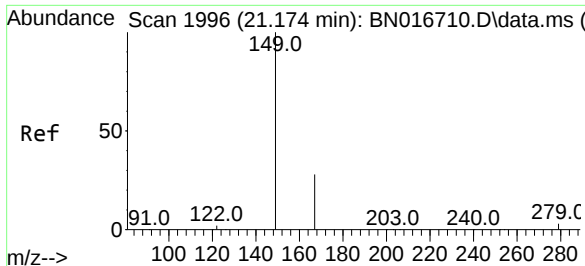
Tgt Ion:240 Resp: 124177
Ion Ratio Lower Upper
240 100
120 6.7 6.6 10.0
236 25.4 20.7 31.1



#31
Terphenyl-d14
Concen: 0.238 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016731.D
Acq: 05 Oct 2021 05:13

Tgt Ion:244 Resp: 66257
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.4 8.9 13.3

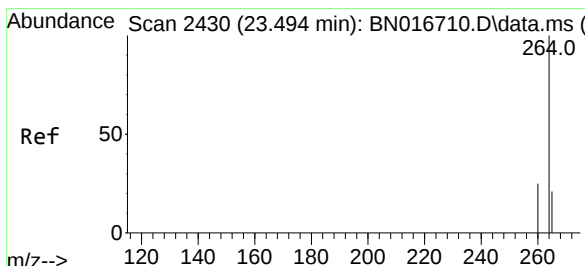
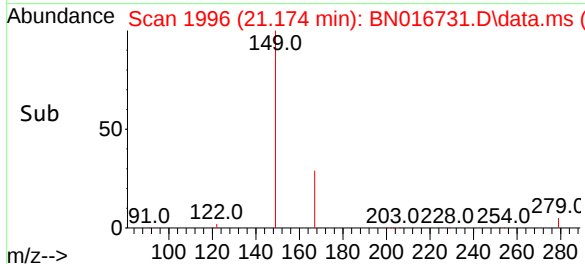
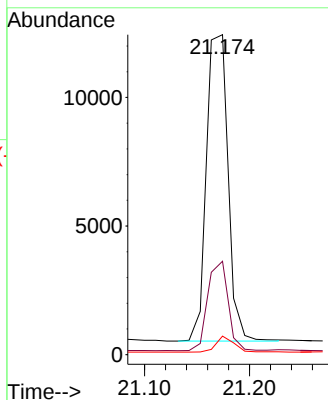
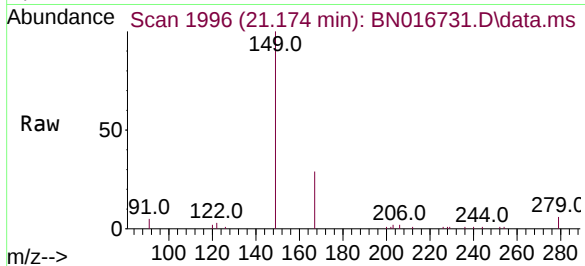




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016731.D
 Acq: 05 Oct 2021 05:13

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210917DL

Tgt Ion:	149	Resp:	17122
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.2	33.4
279	4.3	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.491 min Scan# 2429
 Delta R.T. -0.003 min
 Lab File: BN016731.D
 Acq: 05 Oct 2021 05:13

Tgt Ion:	264	Resp:	126751
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.6
265	23.4	20.3	30.5

