

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016791.D
 Acq On : 06 Oct 2021 22:18
 Operator : CG/JU
 Sample : M3915-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20210921

Quant Time: Oct 07 00:59:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

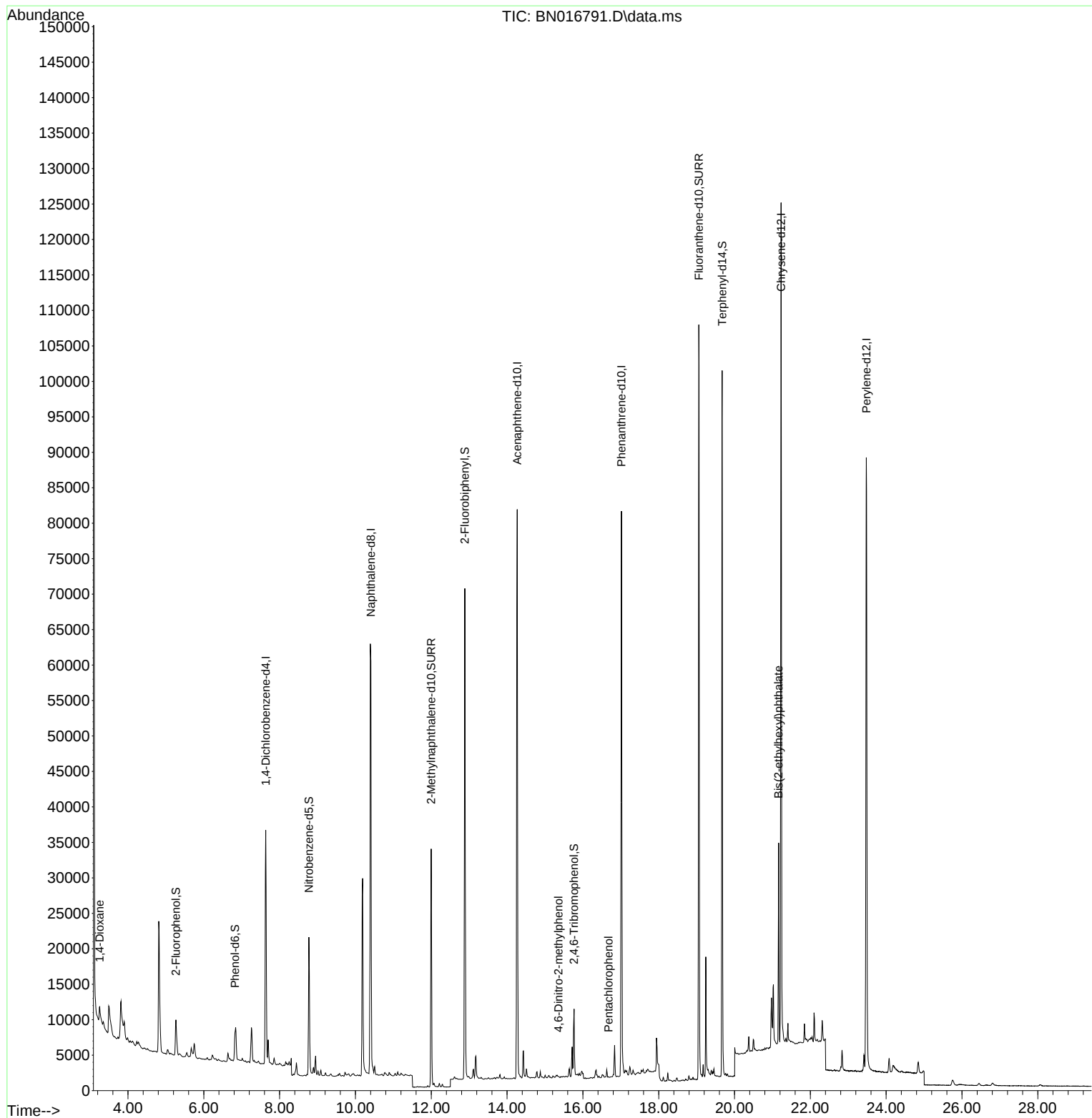
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19917	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	92403	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	50901	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	103743	0.400	ng	0.00
29) Chrysene-d12	21.228	240	106525	0.400	ng	0.00
35) Perylene-d12	23.478	264	112445	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6584	0.130	ng	0.02
5) Phenol-d6	6.822	99	4107	0.073	ng	0.00
8) Nitrobenzene-d5	8.772	82	17807	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	45672	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8622	0.411	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	59103	0.290	ng	0.00
27) Fluoranthene-d10	19.058	212	121733	0.429	ng	0.00
31) Terphenyl-d14	19.674	244	100123	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	1364	0.147	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.360	198	2	0.266	ng	# 1
24) Pentachlorophenol	16.677	266	68	0.340	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.164	149	23106	0.115	ng	99

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

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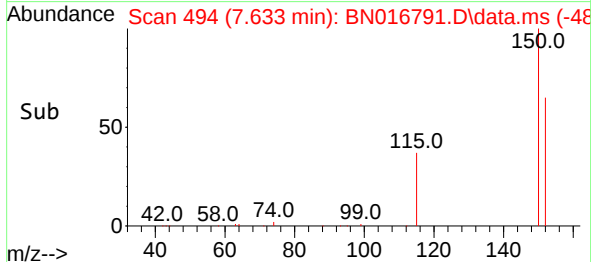
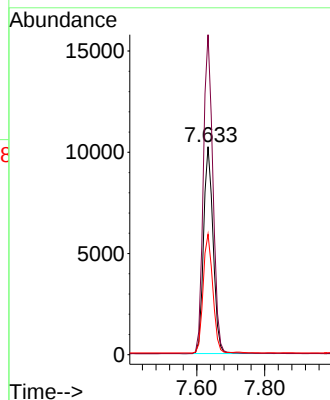
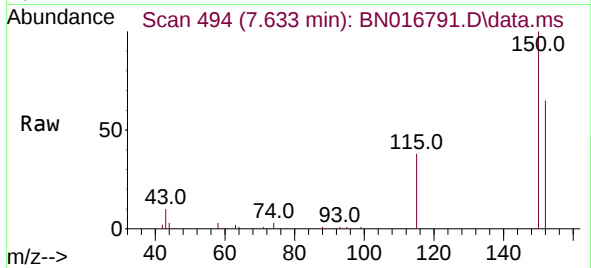




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

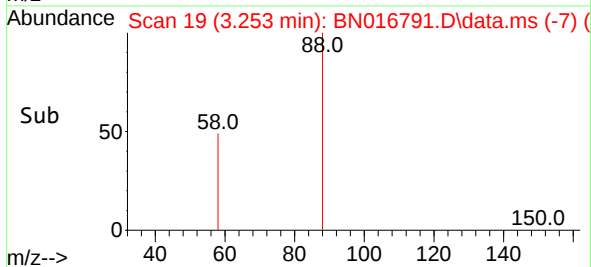
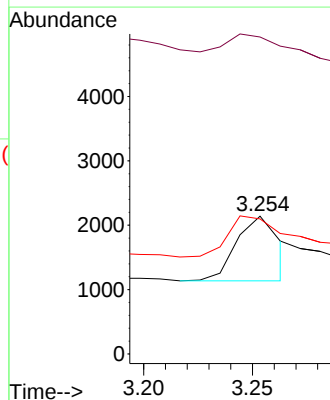
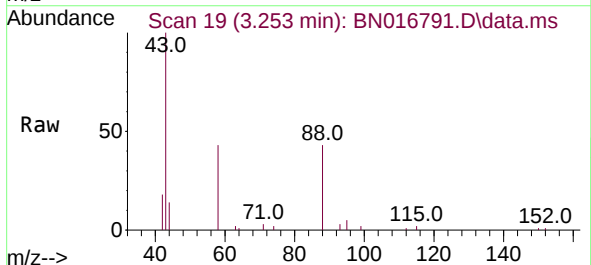
Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20210921

Tgt Ion:152 Resp: 19917
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.3 184.9
 115 58.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.147 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

Tgt Ion: 88 Resp: 1364
 Ion Ratio Lower Upper
 88 100
 43 27.5 61.7 92.5#
 58 71.3 62.2 93.2

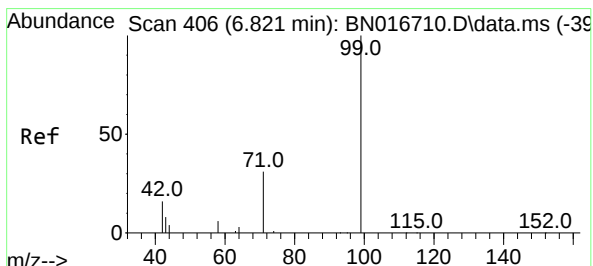
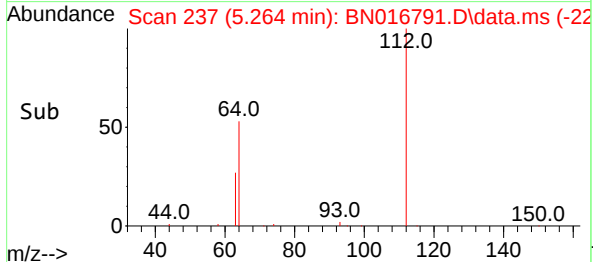
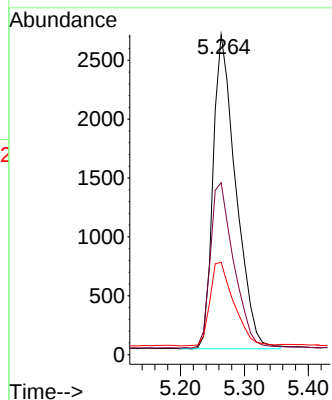
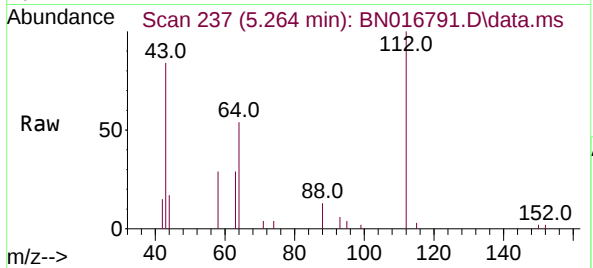




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

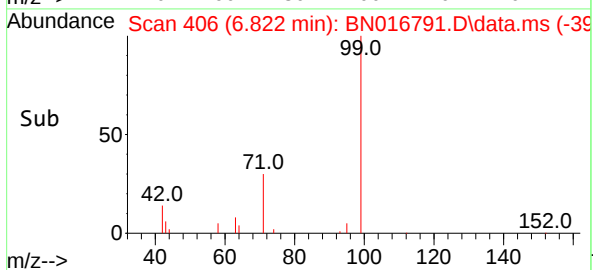
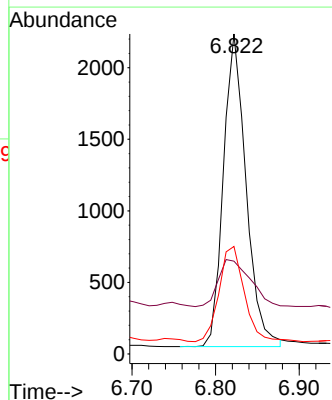
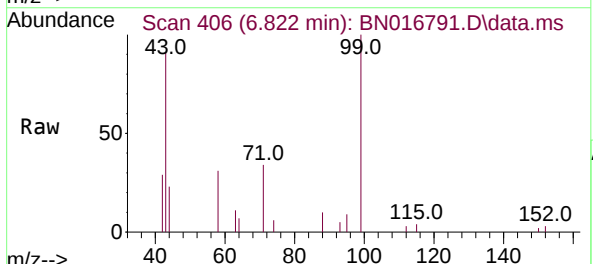
Instrument :
BNA_N
ClientSampleId :
MW178S-20210921

Tgt Ion:	112	Resp:	6584
Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.9	64.3
63	27.9	21.5	32.3



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion:	99	Resp:	4107
Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.4	20.2#
71	33.8	24.0	36.0

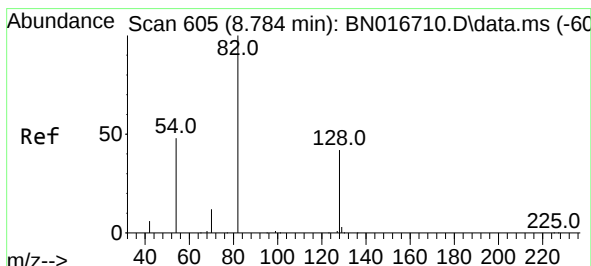
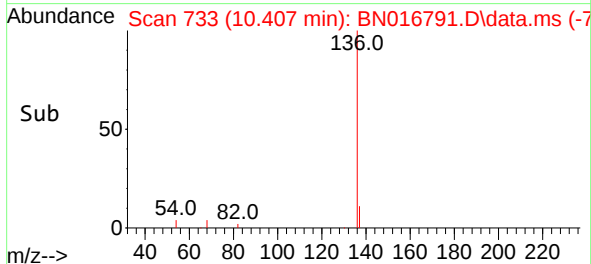
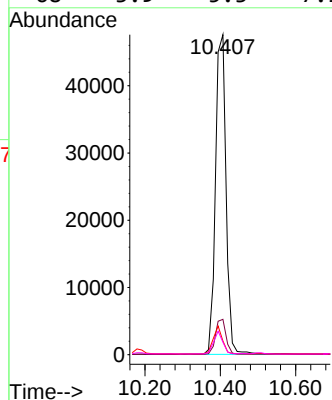
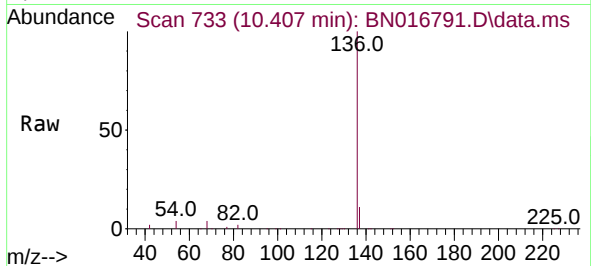




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

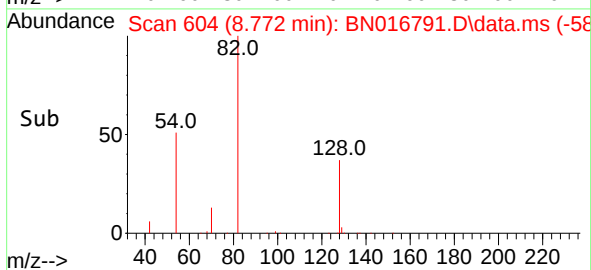
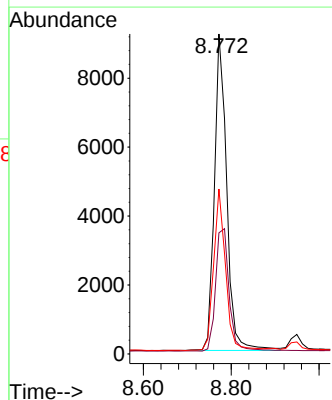
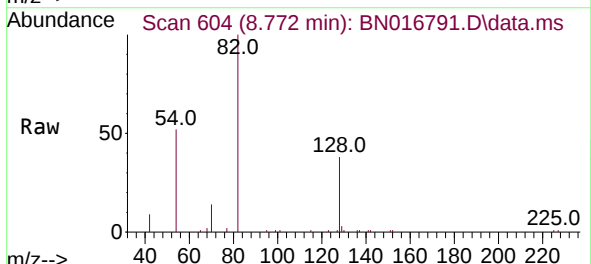
Instrument :
BNA_N
ClientSampleId :
MW178S-20210921

Tgt Ion:136	Resp:	92403
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	4.3	6.5 9.7#
68	3.9	5.3 7.9#



#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion: 82	Resp:	17807
Ion Ratio	Lower	Upper
82	100	
128	37.8	33.8 50.6
54	51.5	38.5 57.7

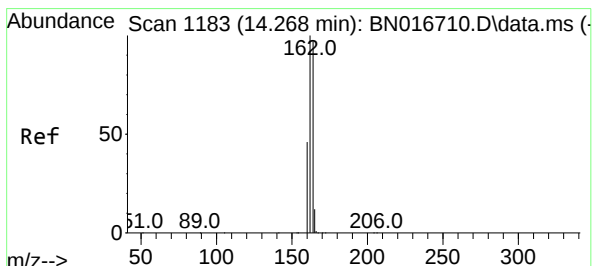
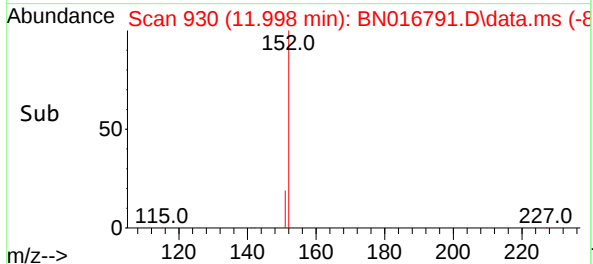
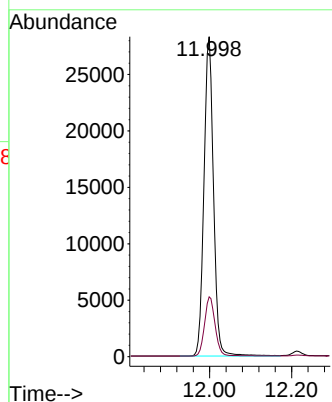
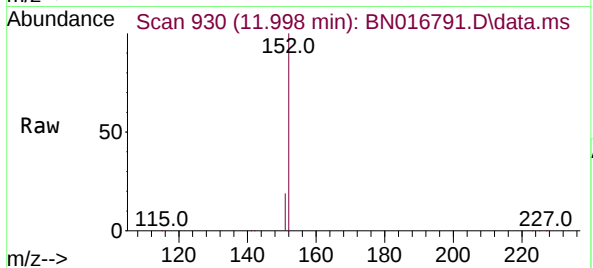




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

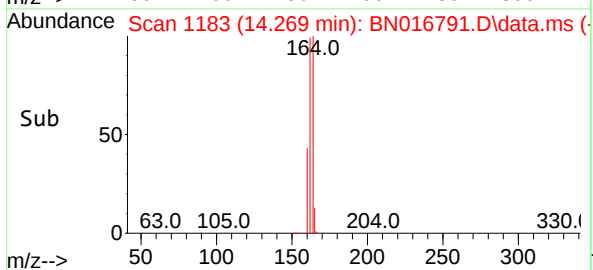
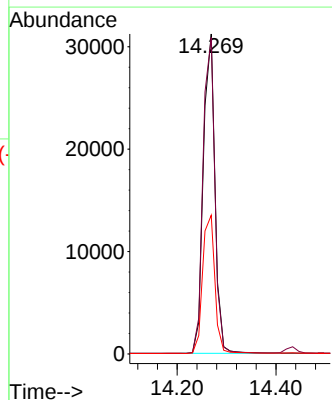
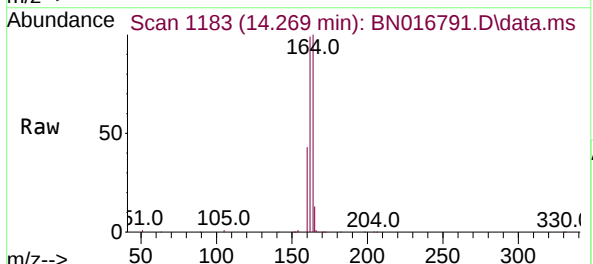
Instrument :
BNA_N
ClientSampleId :
MW178S-20210921

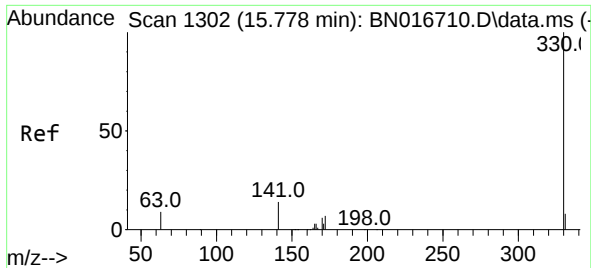
Tgt Ion:152 Resp: 45672
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion:164 Resp: 50901
Ion Ratio Lower Upper
164 100
162 98.9 82.6 124.0
160 43.3 38.2 57.2

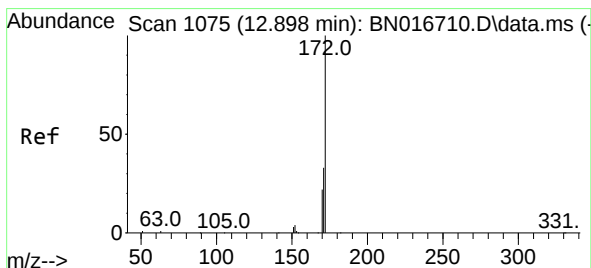
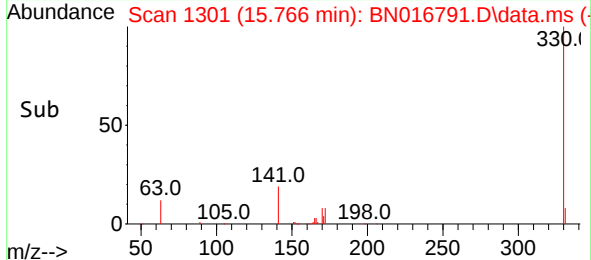
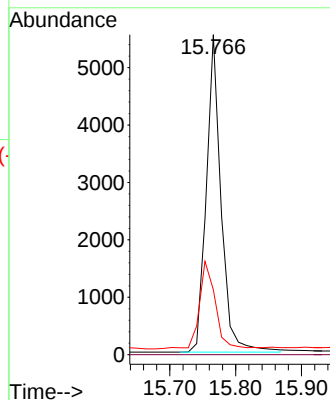
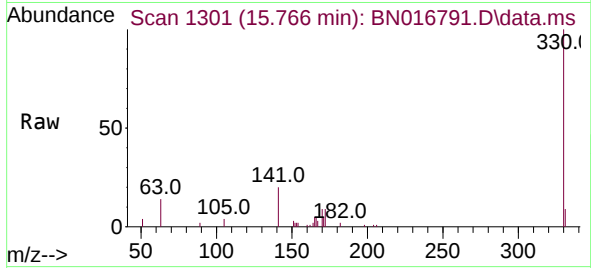




#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

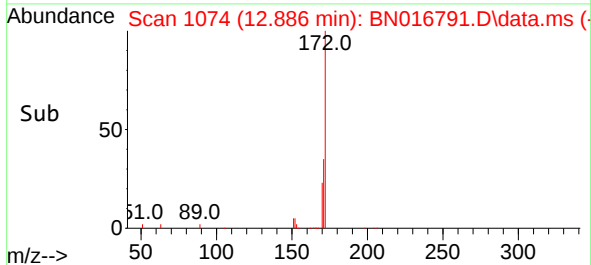
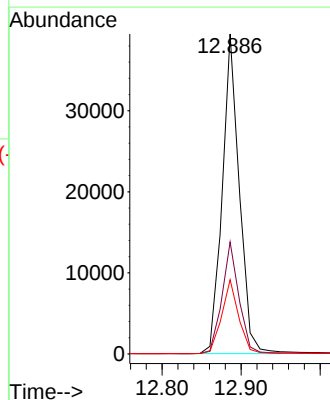
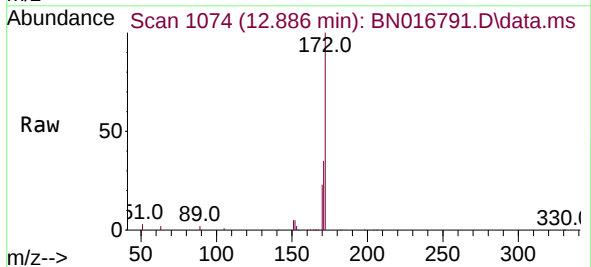
Instrument :
BNA_N
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MW178S-20210921

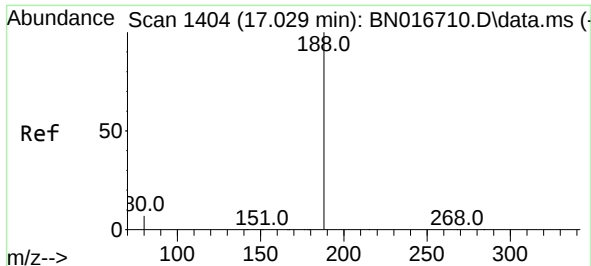
Tgt Ion:330 Resp: 8622
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion:172 Resp: 59103
Ion Ratio Lower Upper
172 100
171 35.0 26.9 40.3
170 23.2 17.4 26.0

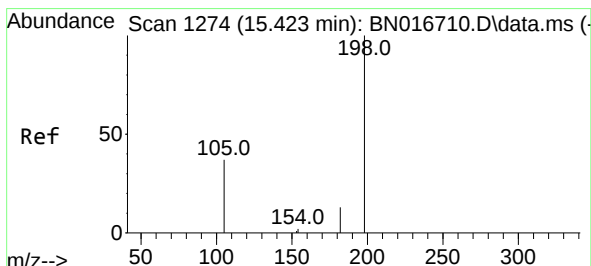
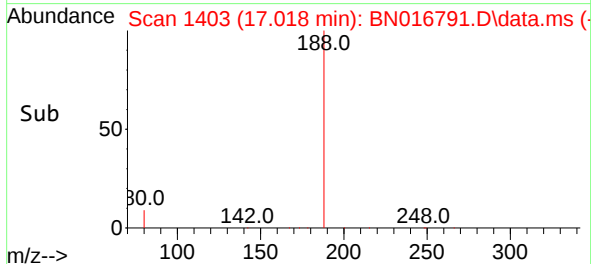
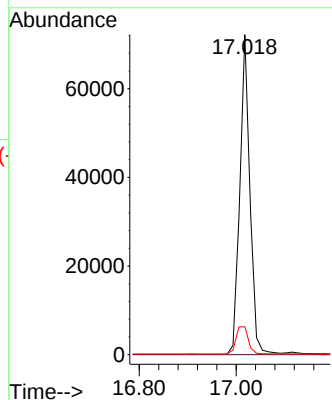
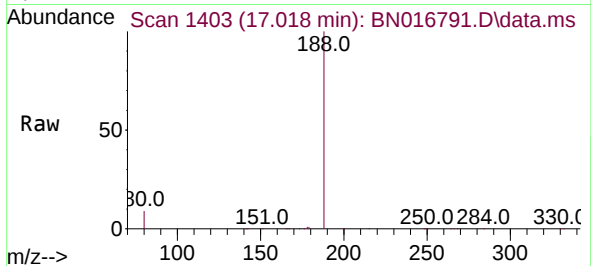




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

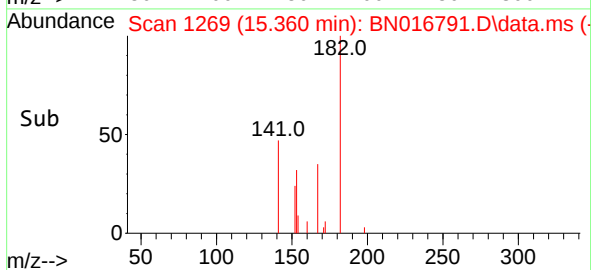
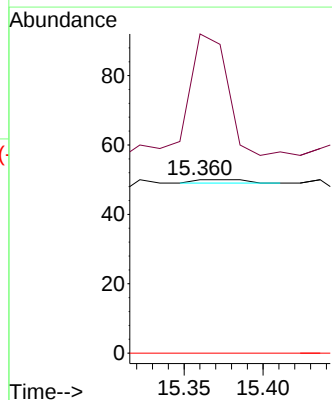
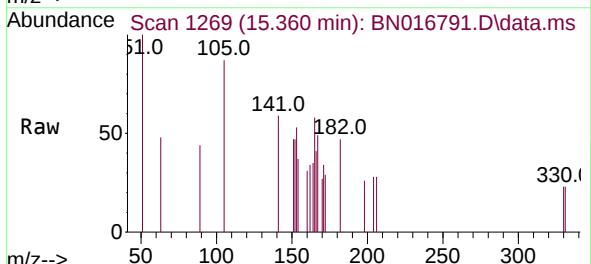
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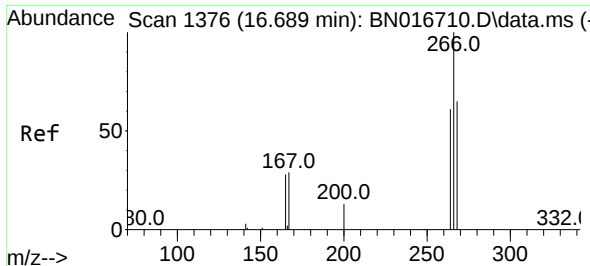
Tgt Ion:188 Resp: 103743
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.050 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 184.0 26.2 39.2#
77 0.0 0.0 0.0

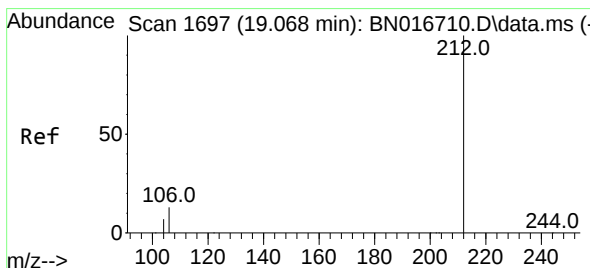
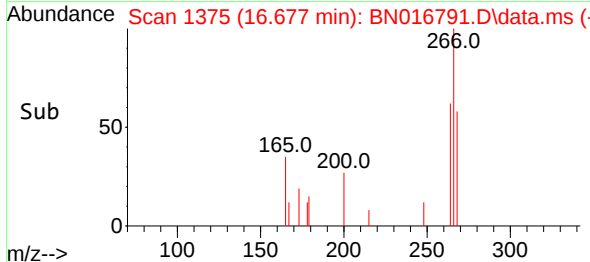
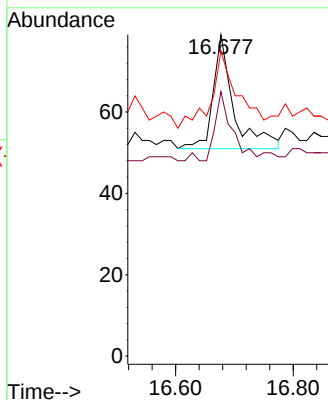
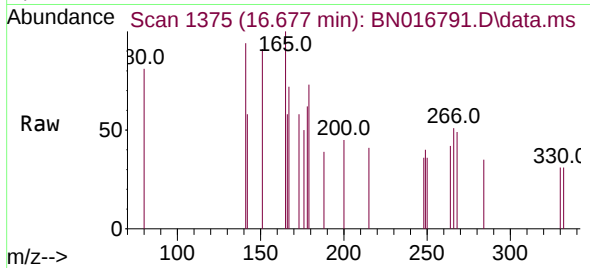




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

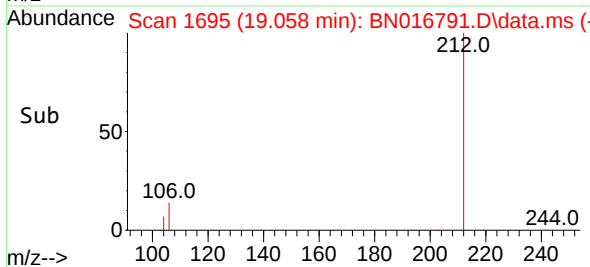
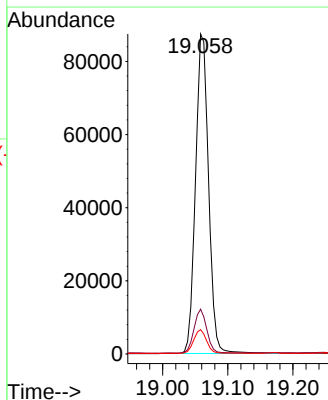
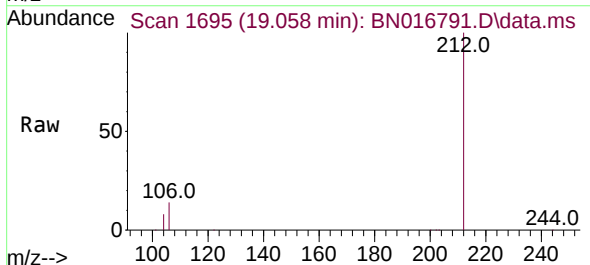
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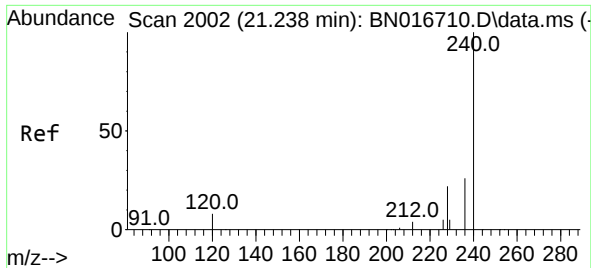
Tgt Ion:	266	Resp:	68
Ion Ratio	Lower	Upper	
266	100		
264	57.4	49.3	73.9
268	86.8	51.8	77.8#



#27
 Fluoranthene-d10
 Concen: 0.429 ng
 RT: 19.058 min Scan# 1695
 Delta R.T. -0.005 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

Tgt Ion:	212	Resp:	121733
Ion Ratio	Lower	Upper	
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8

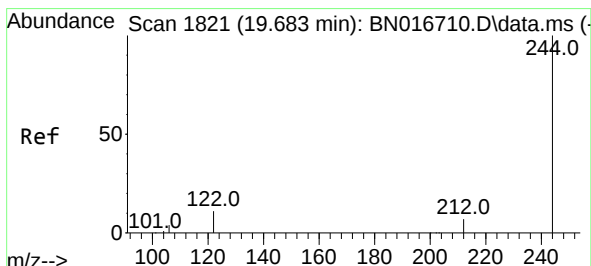
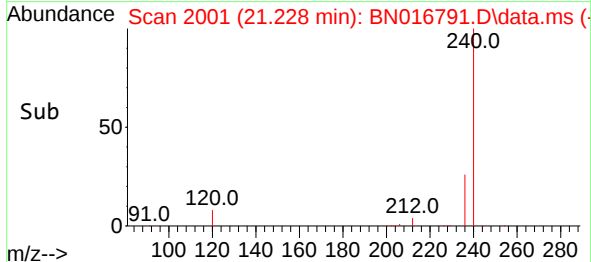
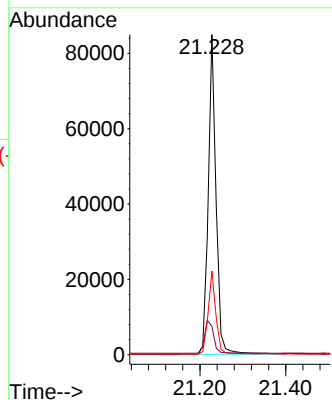
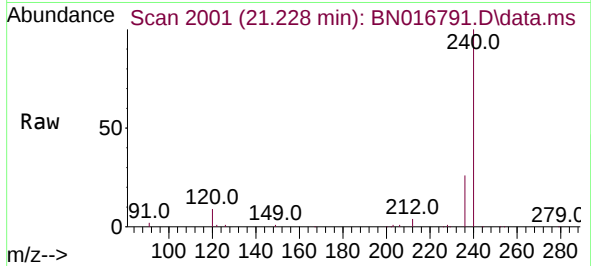




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

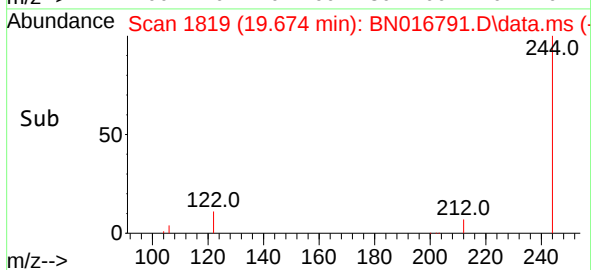
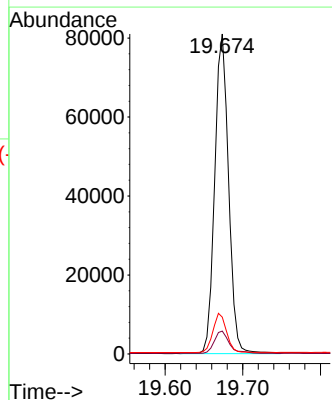
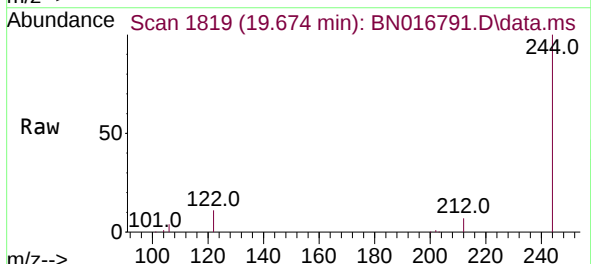
Instrument :
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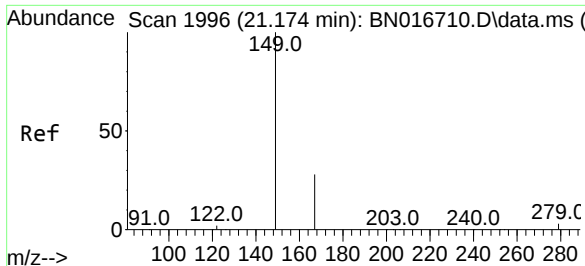
Tgt Ion:240 Resp: 106525
Ion Ratio Lower Upper
240 100
120 8.9 6.6 10.0
236 26.1 20.7 31.1



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016791.D
Acq: 06 Oct 2021 22:18

Tgt Ion:244 Resp: 100123
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.5 8.9 13.3



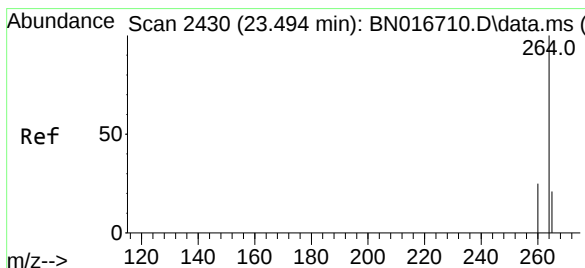
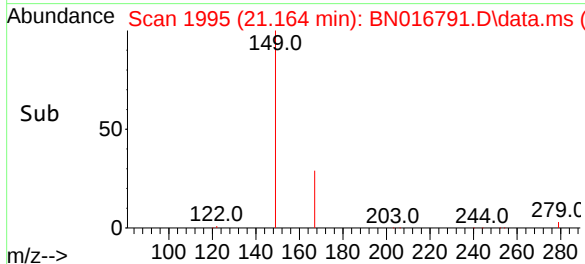
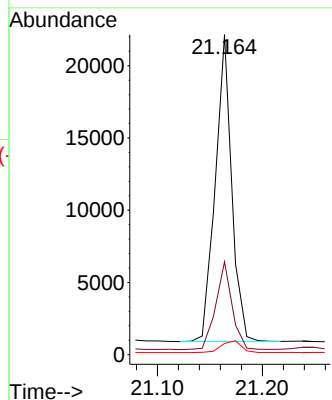
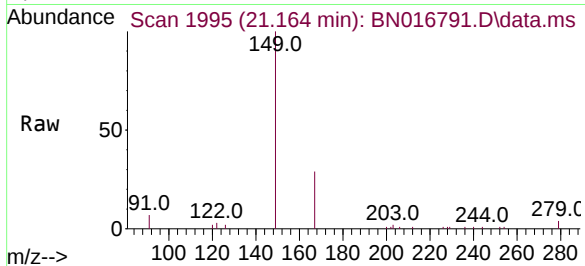


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20210921

Tgt Ion:149 Resp: 23106

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.8	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. -0.003 min
 Lab File: BN016791.D
 Acq: 06 Oct 2021 22:18

Tgt Ion:264 Resp: 112445

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.7	20.3	30.5

