

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016722.D
 Acq On : 04 Oct 2021 22:36
 Operator : CG/JU
 Sample : M3833-08DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210920DL

Quant Time: Oct 05 03:35:10 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)

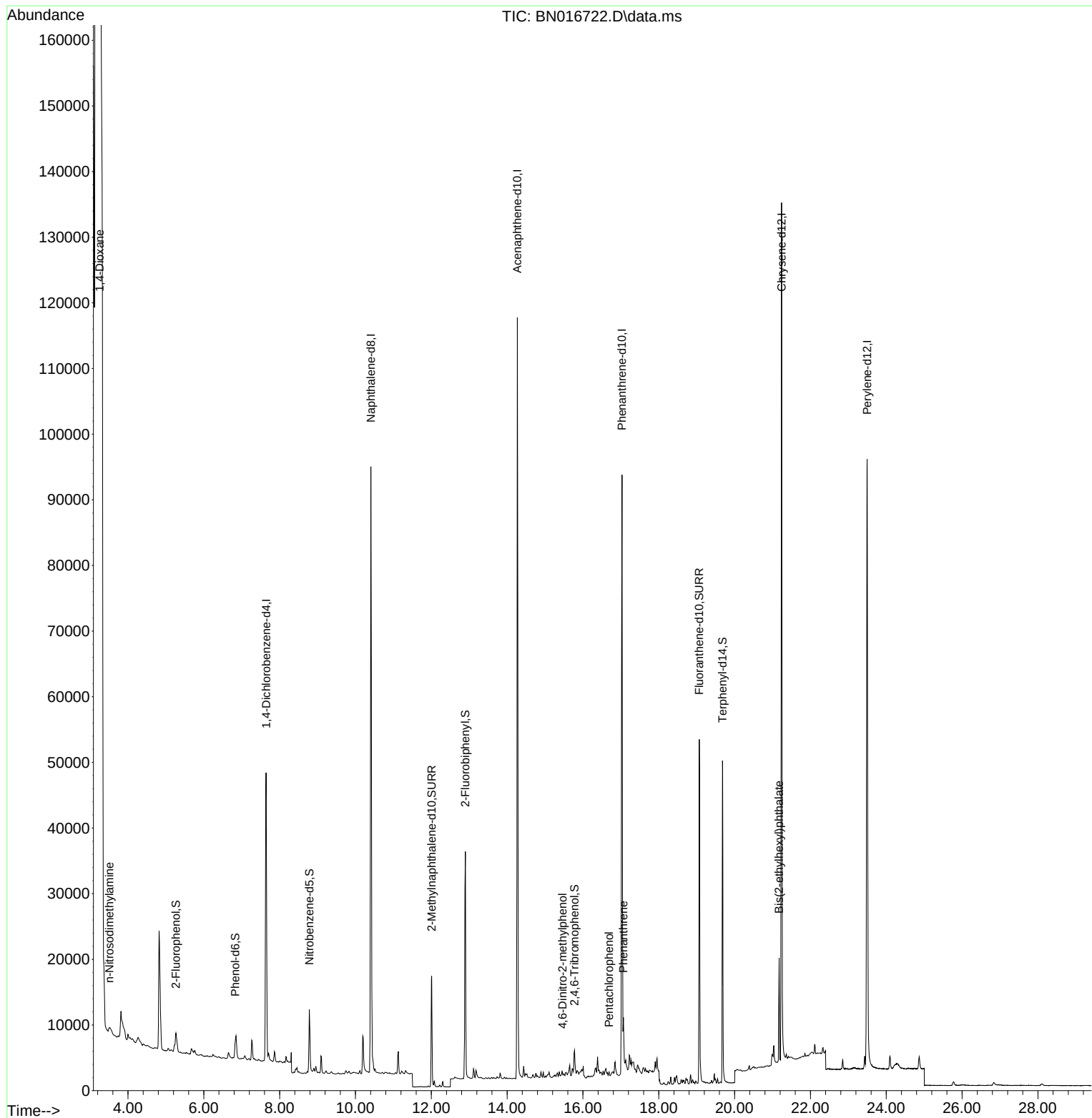
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27820	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	127304	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67863	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	132791	0.400	ng	0.00
29) Chrysene-d12	21.238	240	125308	0.400	ng	0.00
35) Perylene-d12	23.495	264	129863	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	4226	0.060	ng	0.00
5) Phenol-d6	6.831	99	2642	0.034	ng	0.00
8) Nitrobenzene-d5	8.785	82	9508	0.107	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	24302	0.128	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	3626	0.209	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	33448	0.123	ng	0.00
27) Fluoranthene-d10	19.068	212	61180	0.168	ng	0.00
31) Terphenyl-d14	19.684	244	52708	0.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	29434	2.267	ng	# 59
3) n-Nitrosodimethylamine	3.512	42	772	0.037	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	11	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	68	0.340	ng	# 82
25) Phenanthrene	17.066	178	7841	0.020	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.174	149	13494	0.057	ng	99

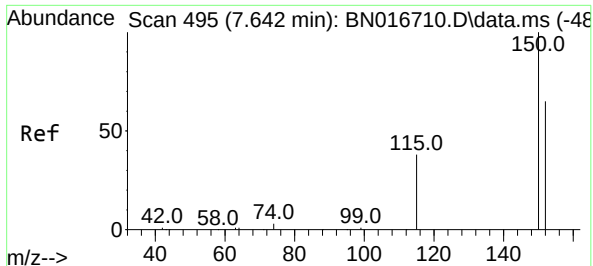
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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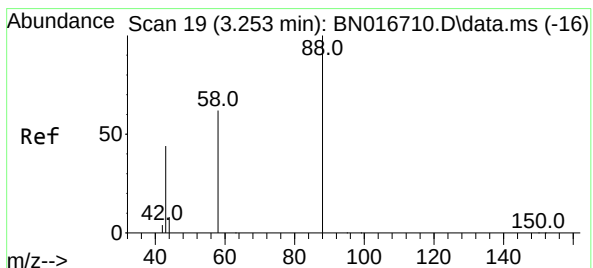
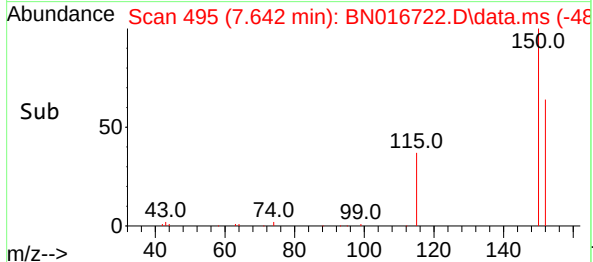
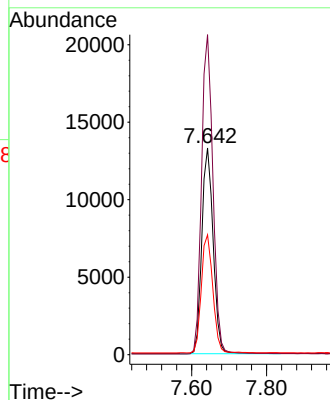
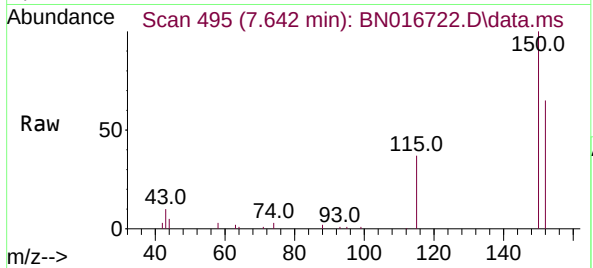




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016722.D
 Acq: 04 Oct 2021 22:36

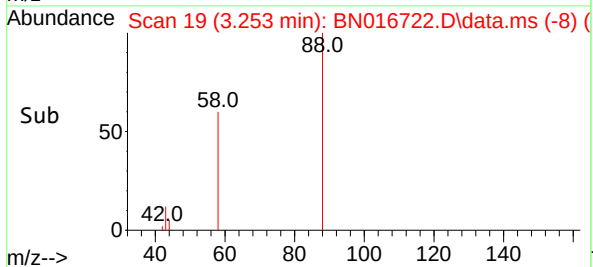
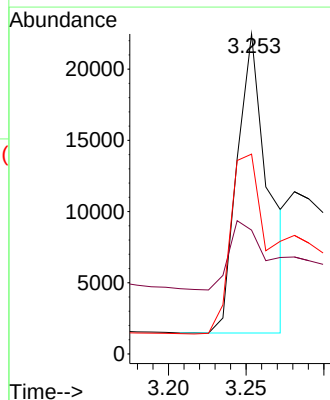
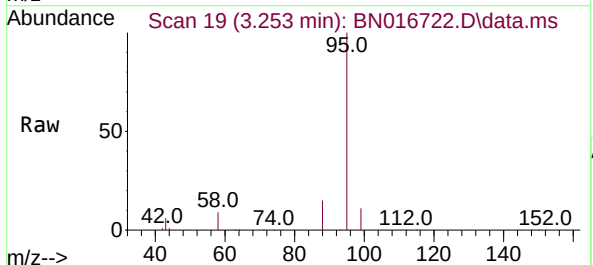
Instrument :
 BNA_N
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 RE103D1-20210920DL

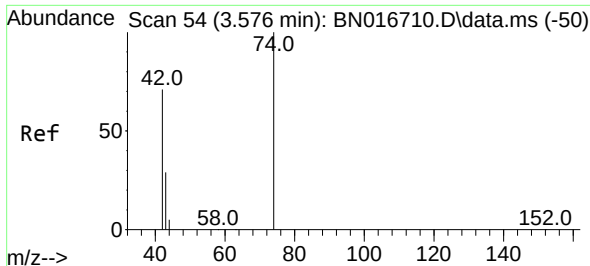
Tgt Ion:152 Resp: 27820
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.3 184.9
 115 58.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.267 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016722.D
 Acq: 04 Oct 2021 22:36

Tgt Ion: 88 Resp: 29434
 Ion Ratio Lower Upper
 88 100
 43 22.5 61.7 92.5#
 58 61.5 62.2 93.2#

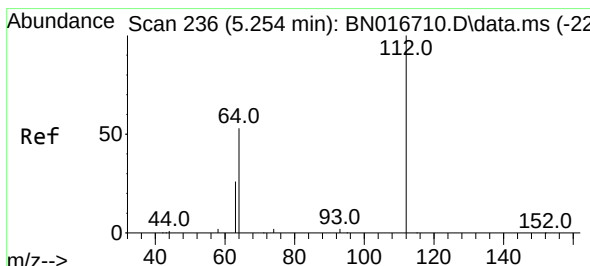
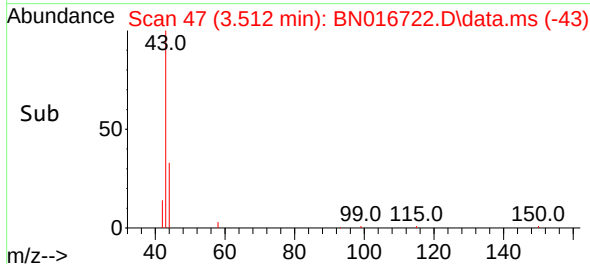
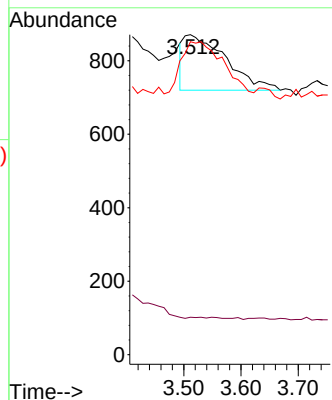
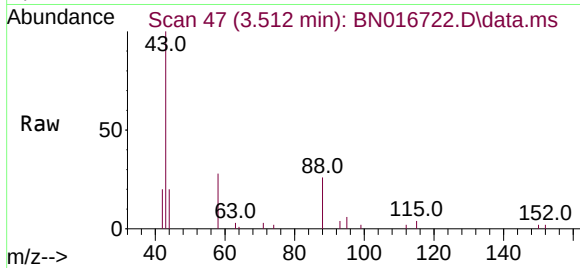




#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.512 min Scan# 47
Delta R.T. -0.064 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

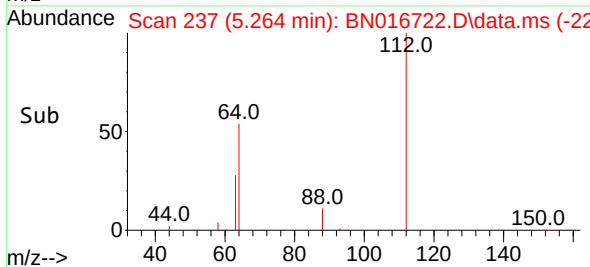
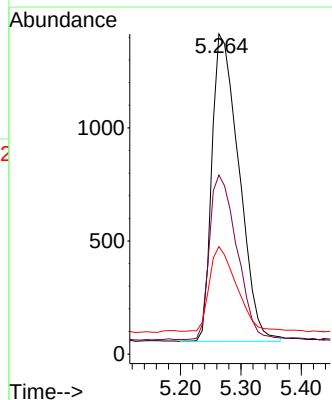
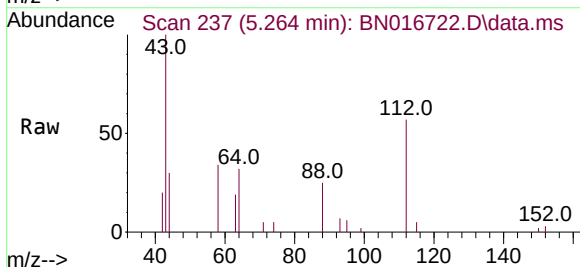
Instrument :
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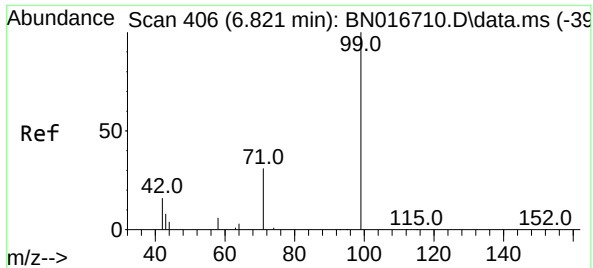
Tgt Ion: 42 Resp: 772
Ion Ratio Lower Upper
42 100
74 0.6 124.0 186.0#
44 80.2 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.060 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion: 112 Resp: 4226
Ion Ratio Lower Upper
112 100
64 54.3 42.9 64.3
63 27.3 21.5 32.3

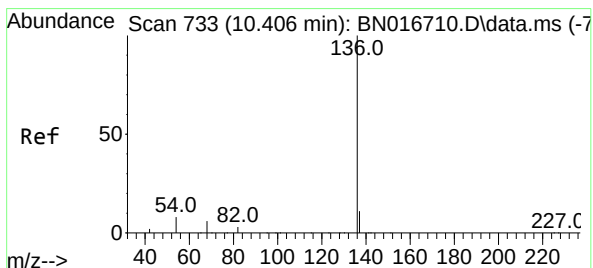
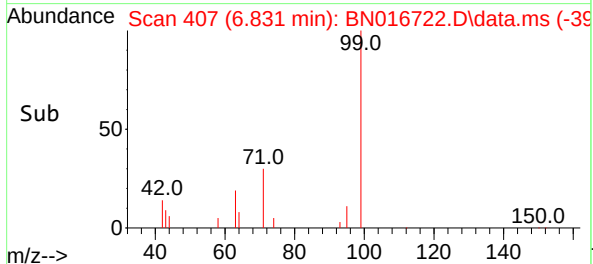
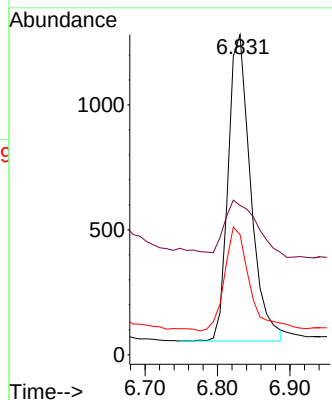
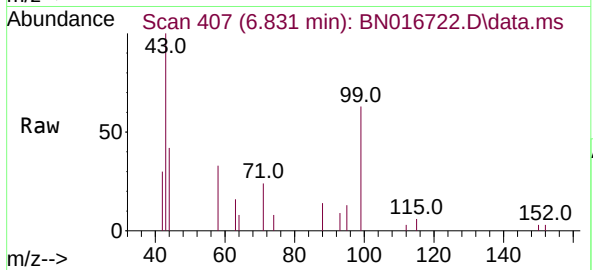




#5
Phenol-d6
Concen: 0.034 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

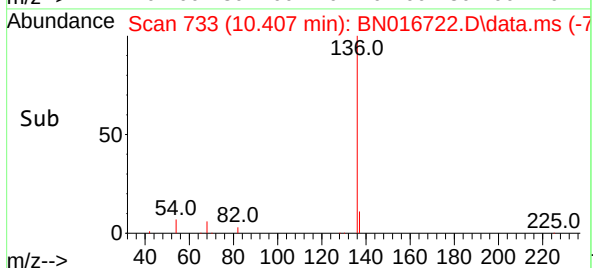
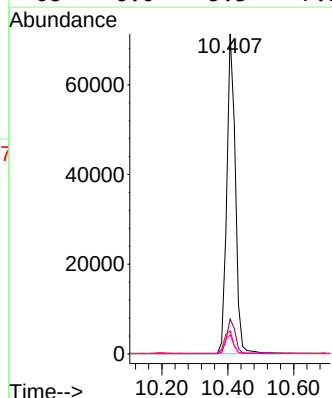
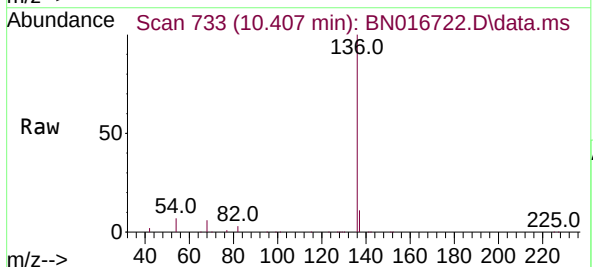
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920DL

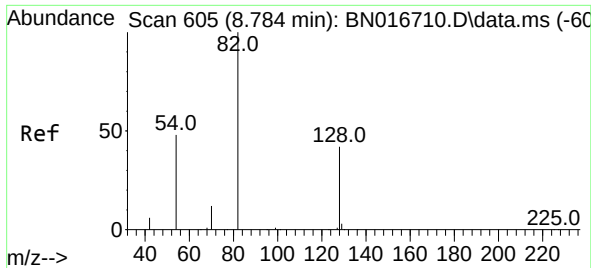
Tgt Ion: 99 Resp: 2642
Ion Ratio Lower Upper
99 100
42 22.2 13.4 20.2#
71 36.8 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion: 136 Resp: 127304
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.5 9.7
68 6.0 5.3 7.9

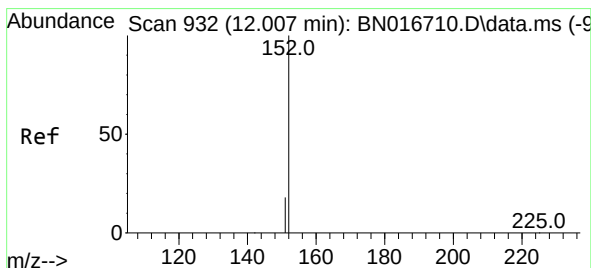
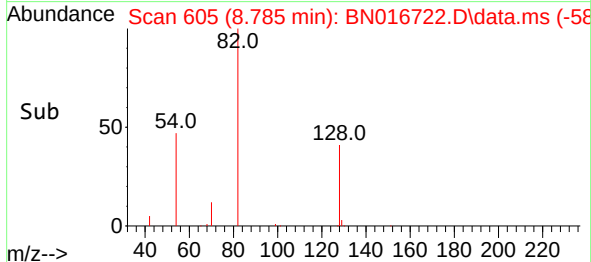
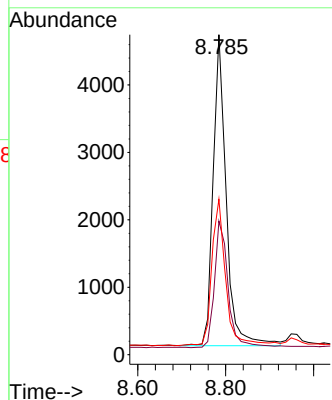
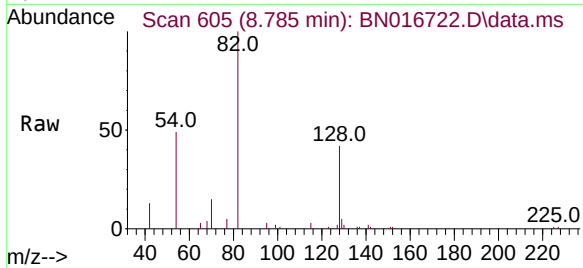




#8
Nitrobenzene-d5
Concen: 0.107 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

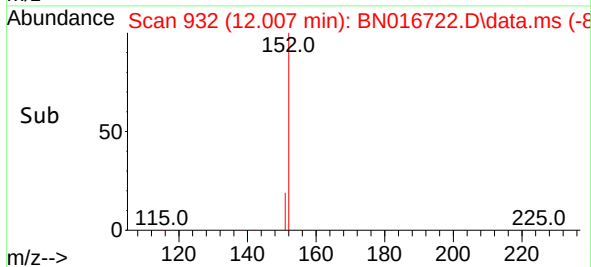
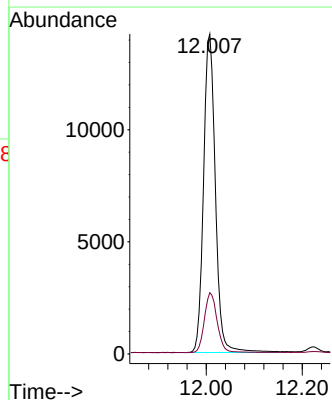
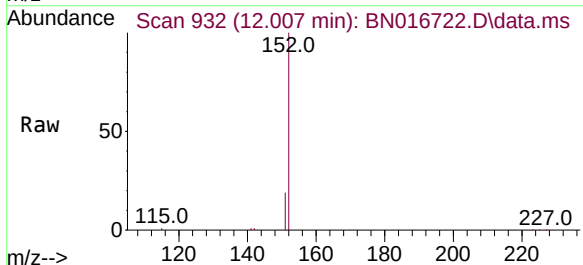
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920DL

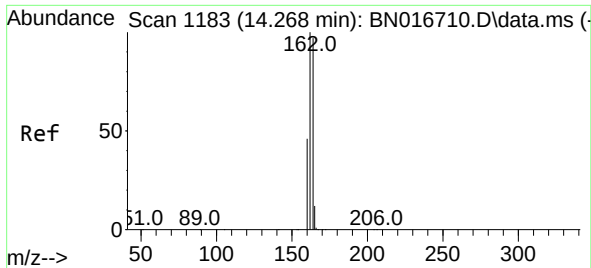
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	48.6	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.128 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

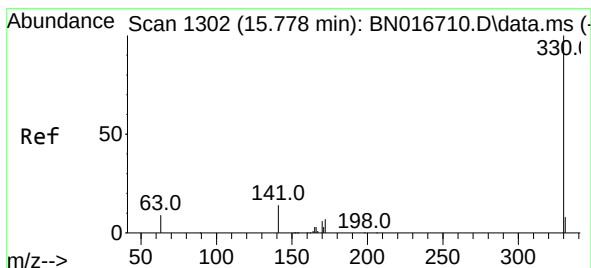
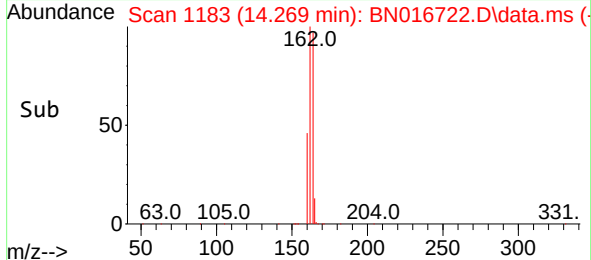
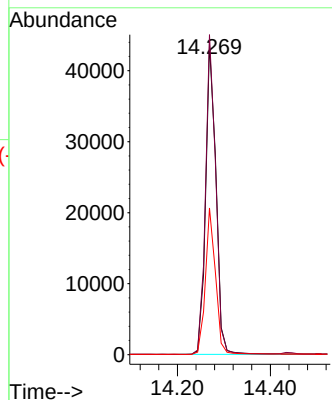
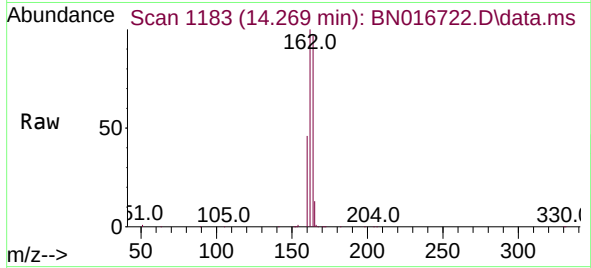




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

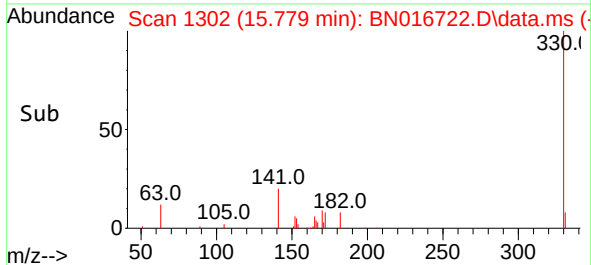
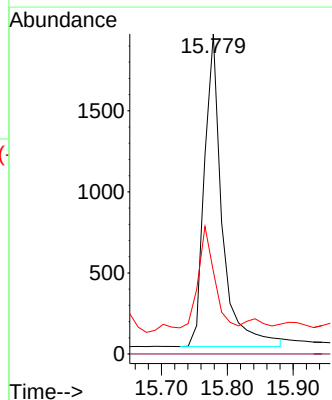
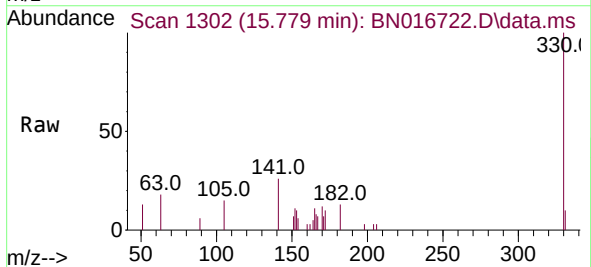
Instrument :
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ClientSampleId :
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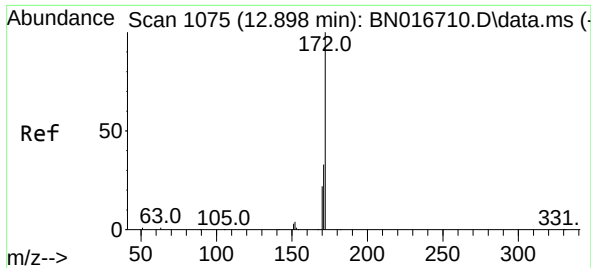
Tgt Ion:164 Resp: 67863
Ion Ratio Lower Upper
164 100
162 103.0 82.6 124.0
160 47.2 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:330 Resp: 3626
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 24.2 36.2

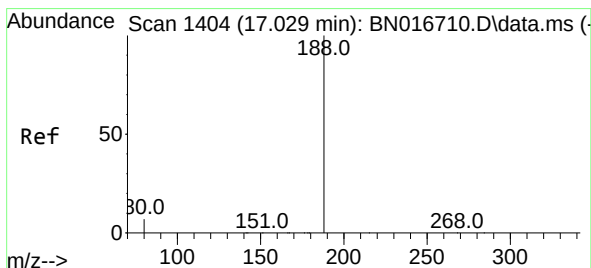
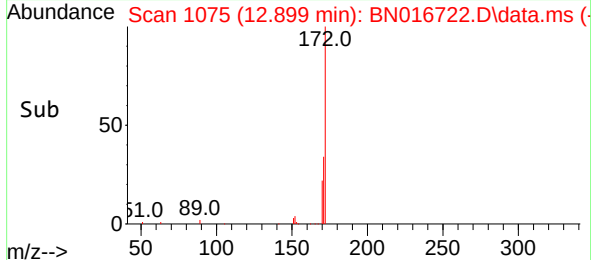
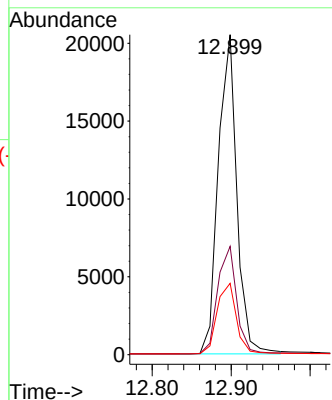
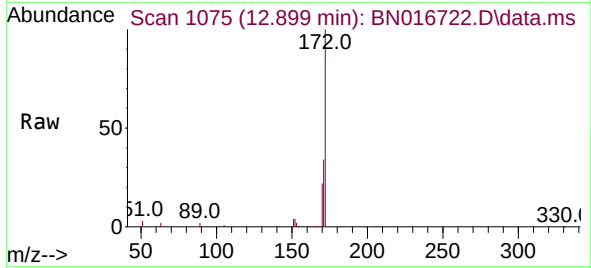




#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.001 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

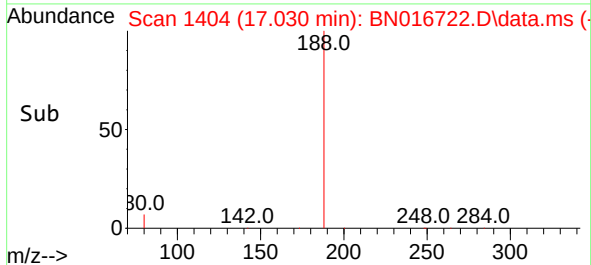
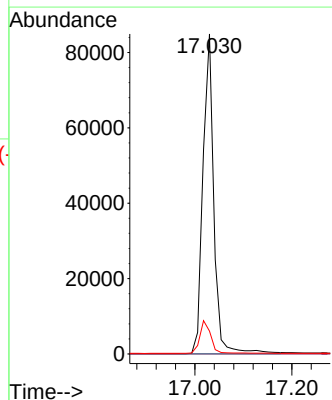
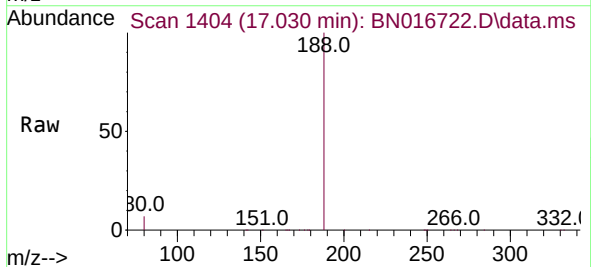
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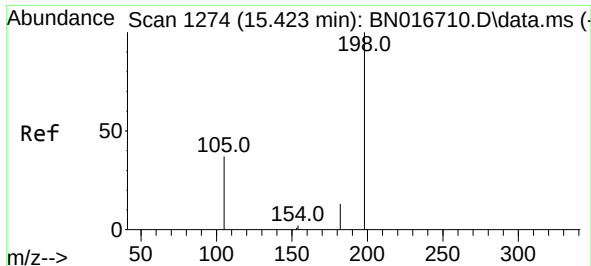
Tgt Ion:172	Resp:	33448
Ion Ratio	Lower	Upper
172	100	
171	33.9	26.9 40.3
170	22.3	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:188	Resp:	132791
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.2	5.8 8.8

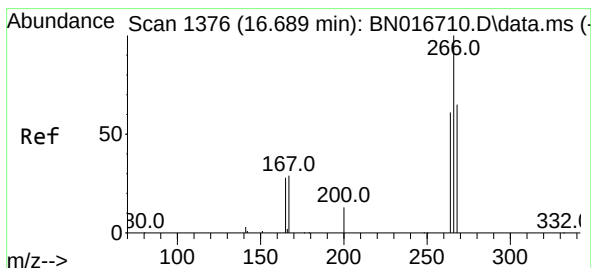
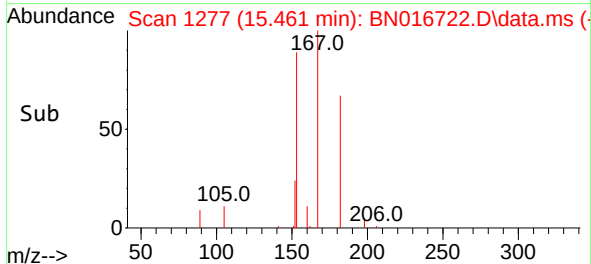
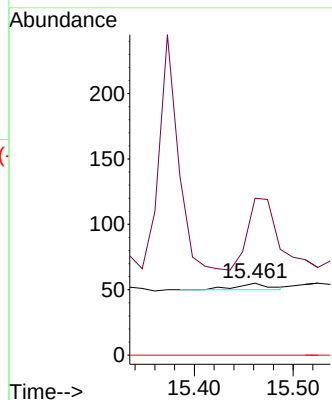
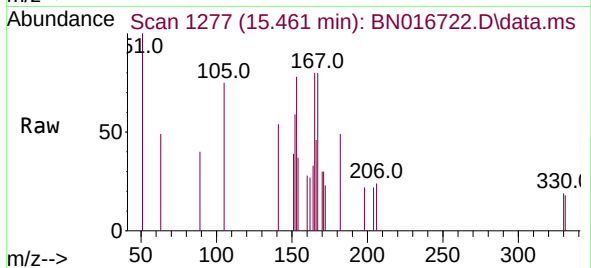




#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

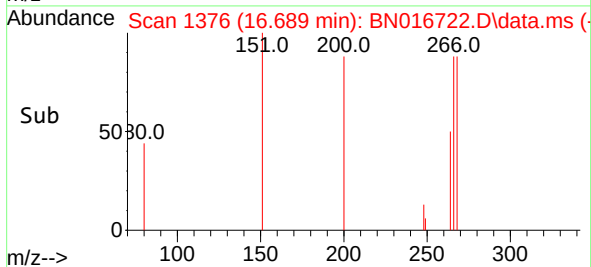
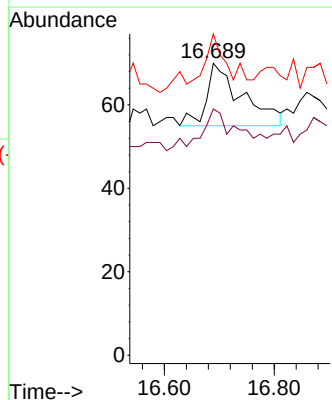
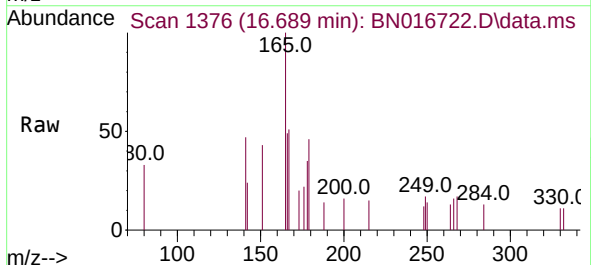
Instrument :
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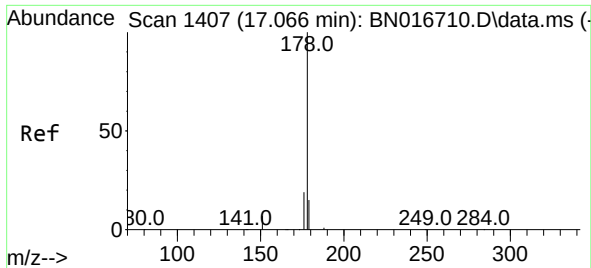
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 218.2 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 54.4 49.3 73.9
268 44.1 51.8 77.8#

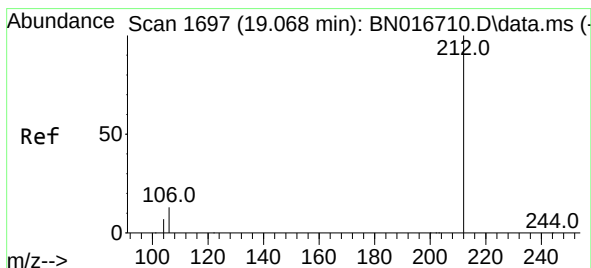
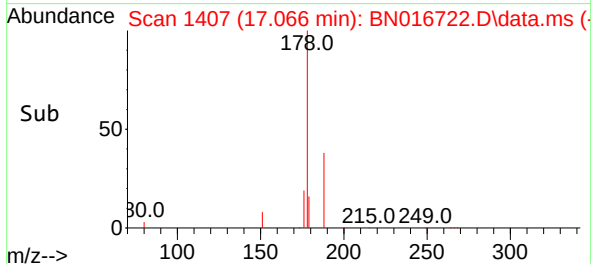
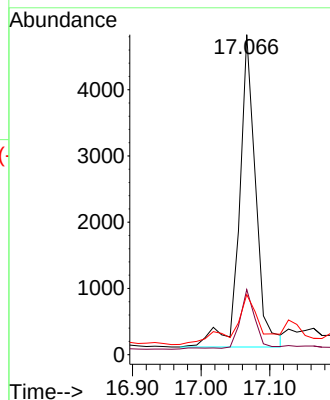
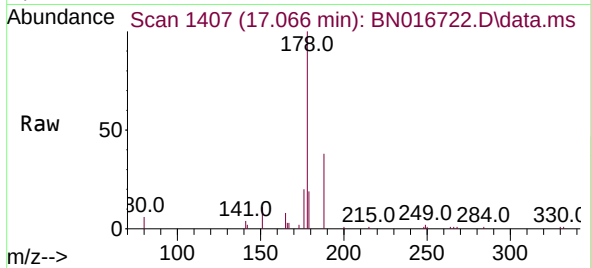




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

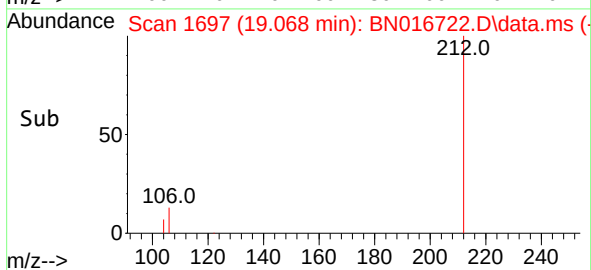
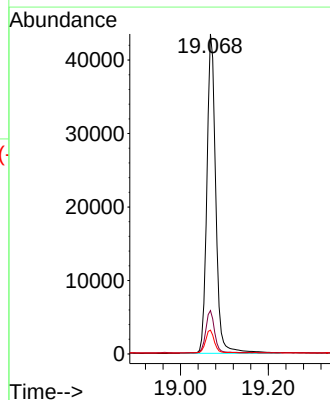
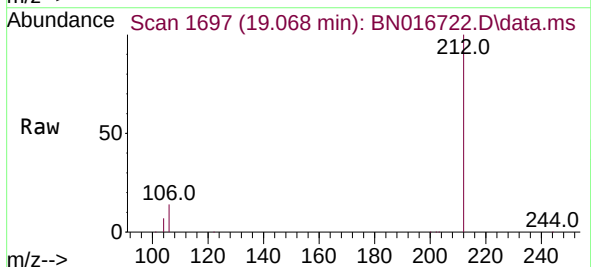
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920DL

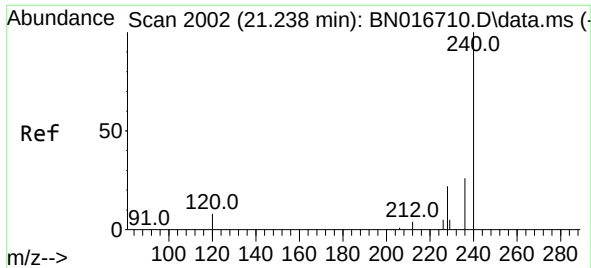
Tgt Ion:178	Resp:	7841
Ion Ratio	Lower	Upper
178	100	
176	16.9	15.0 22.6
179	25.1	12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.168 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:212	Resp:	61180
Ion Ratio	Lower	Upper
212	100	
106	13.0	10.6 16.0
104	7.1	5.8 8.8

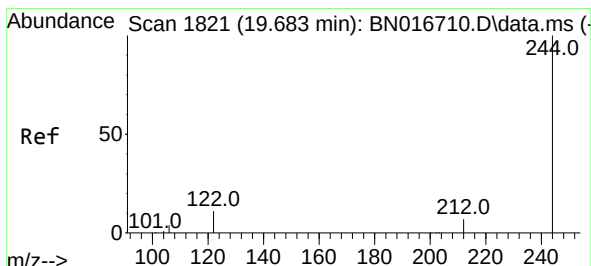
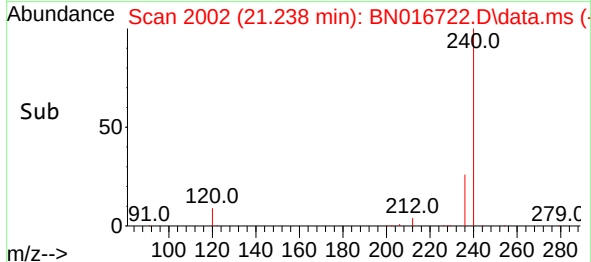
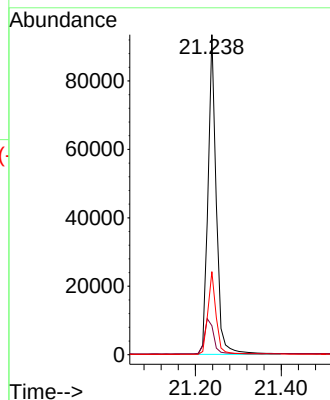
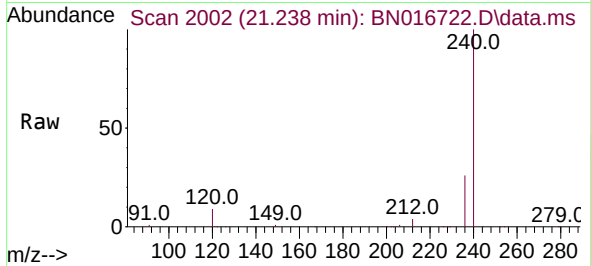




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

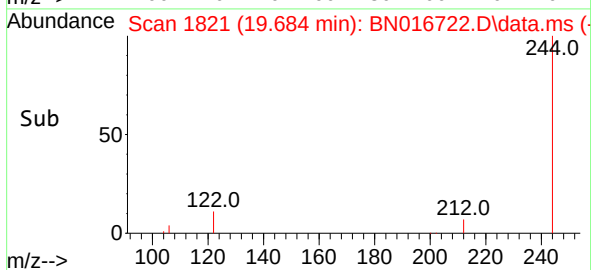
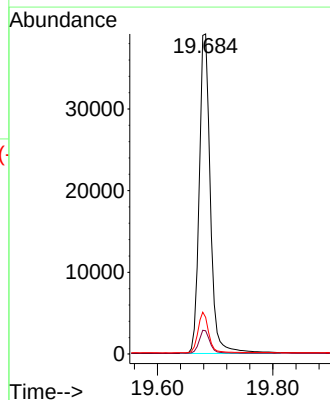
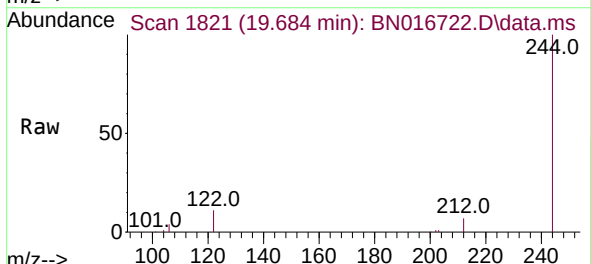
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920DL

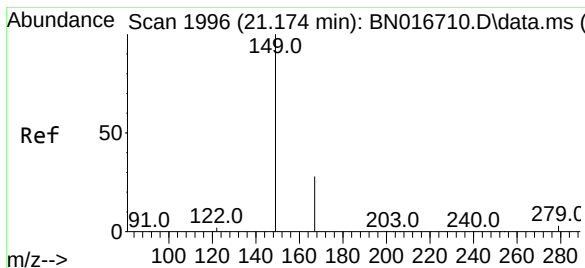
Tgt Ion:240 Resp: 125308
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 26.0 20.7 31.1



#31
Terphenyl-d14
Concen: 0.188 ng
RT: 19.684 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:244 Resp: 52708
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.4 8.9 13.3

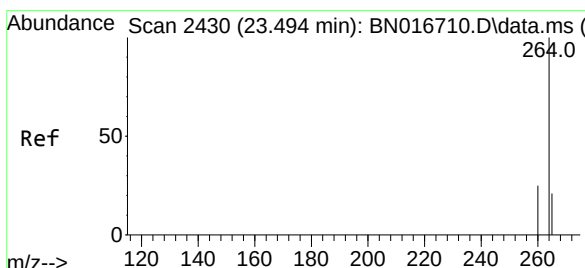
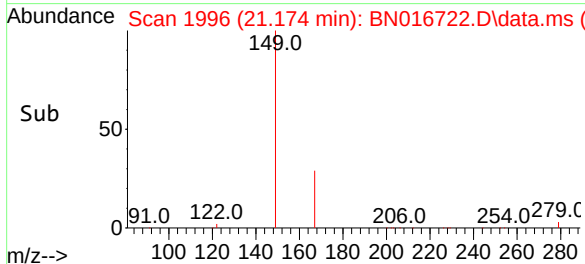
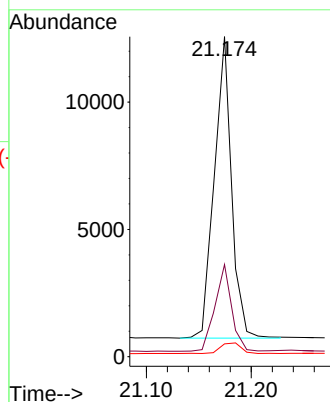
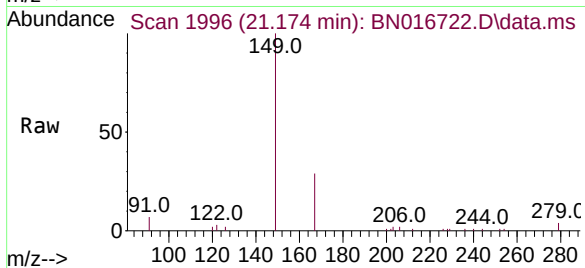




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016722.D
 Acq: 04 Oct 2021 22:36

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210920DL

Tgt Ion:	149	Resp:	13494
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.2	33.4
279	4.3	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: BN016722.D
 Acq: 04 Oct 2021 22:36

Tgt Ion:	264	Resp:	129863
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.8	29.6
265	23.7	20.3	30.5

