

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)

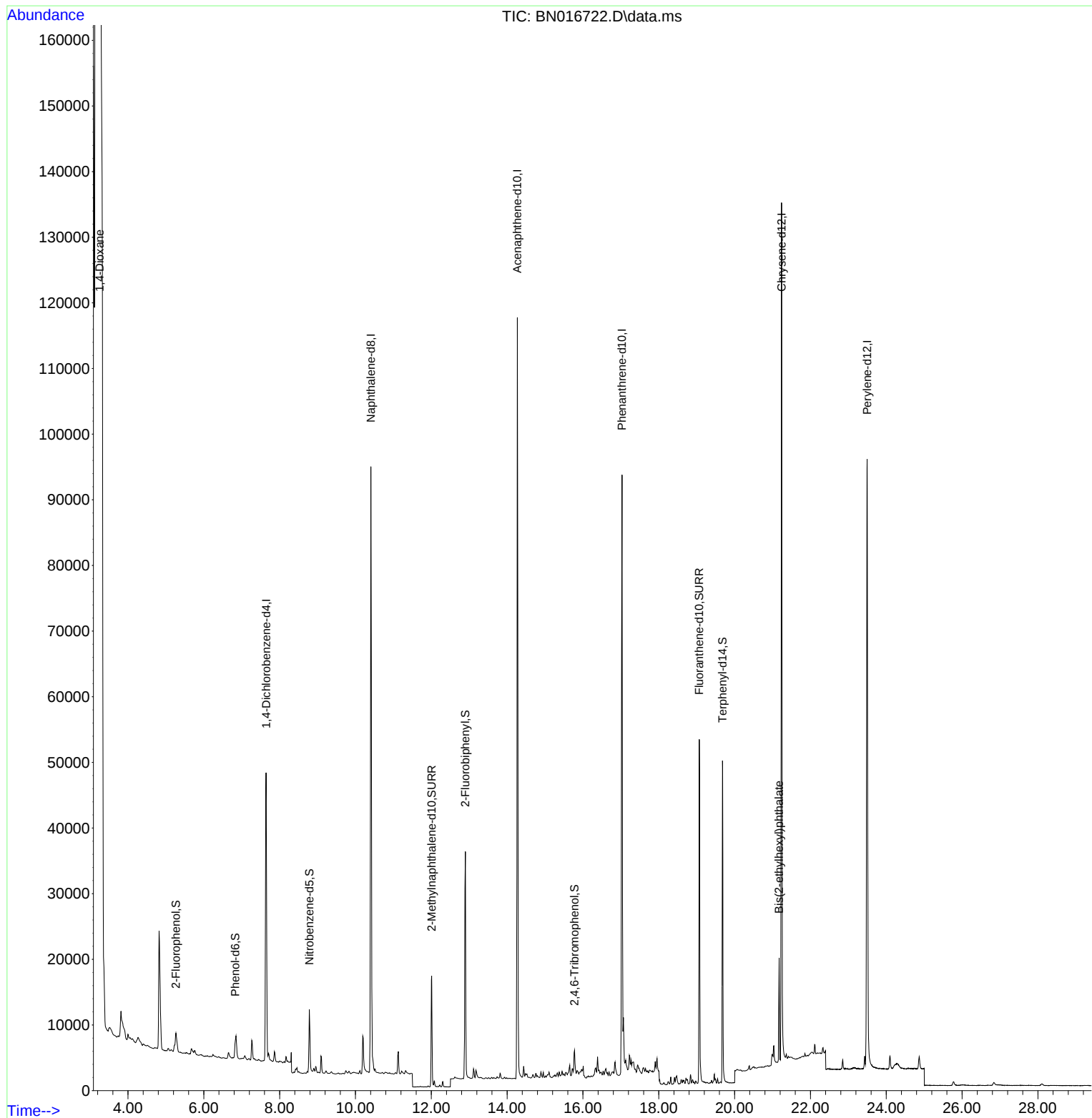
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27820	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	127304	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	67863	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	132791	0.40	ng	0.00
29) Chrysene-d12	21.238	240	125308	0.40	ng	0.00
35) Perylene-d12	23.495	264	129863	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	4226	0.06	ng	0.00
5) Phenol-d6	6.831	99	2642	0.03	ng	0.00
8) Nitrobenzene-d5	8.785	82	9508	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	24302	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	3626	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	33448	0.12	ng	0.00
27) Fluoranthene-d10	19.068	212	61180	0.17	ng	0.00
31) Terphenyl-d14	19.684	244	52708	0.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	29434	2.27	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.174	149	13494	0.06	ng	99

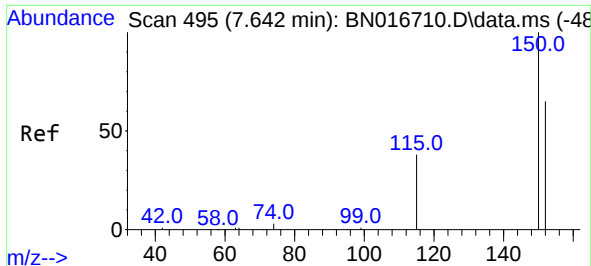
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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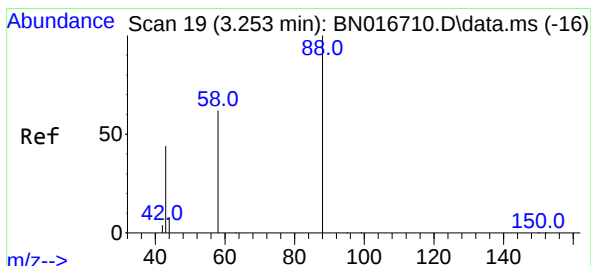
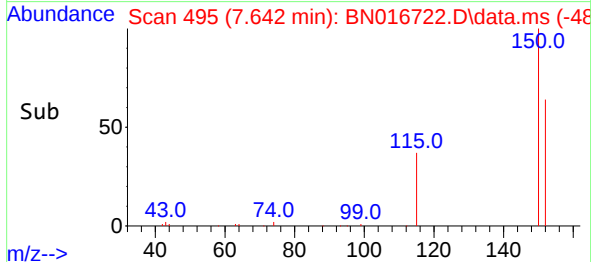
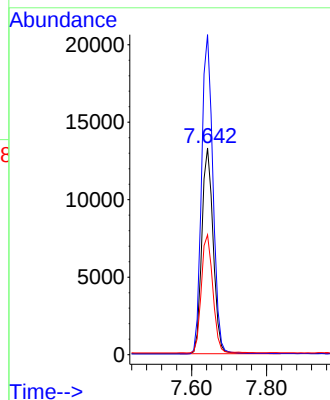
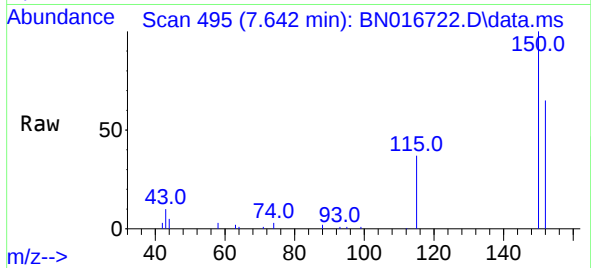




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

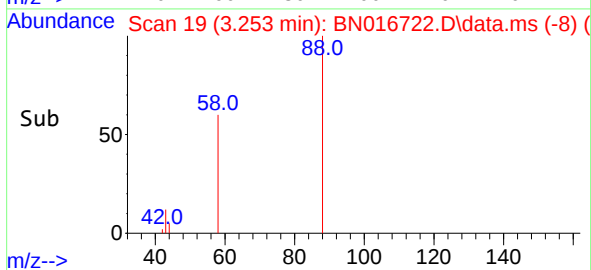
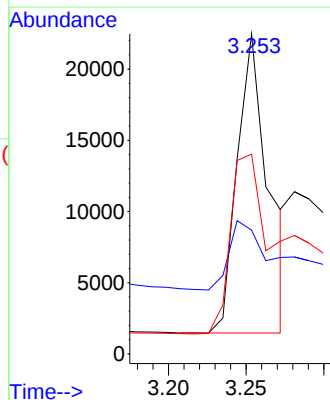
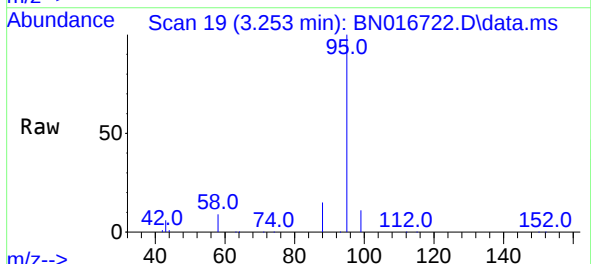
Instrument :
BNA_N
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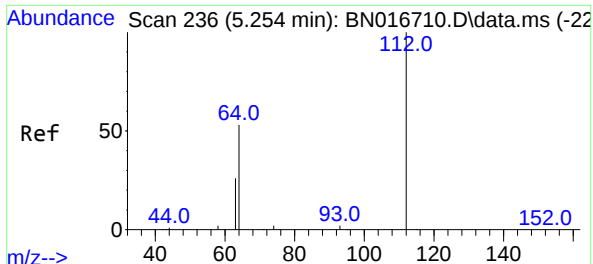
Tgt Ion:152 Resp: 27820
Ion Ratio Lower Upper
152 100
150 154.8 123.3 184.9
115 58.0 47.0 70.6



#2
1,4-Dioxane
Concen: 2.27 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#

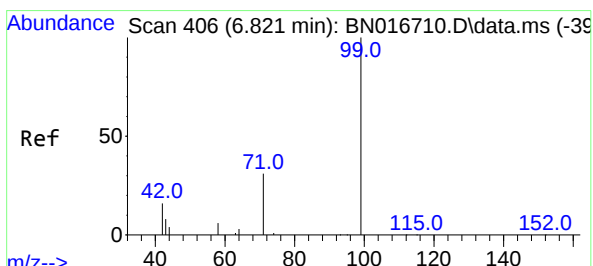
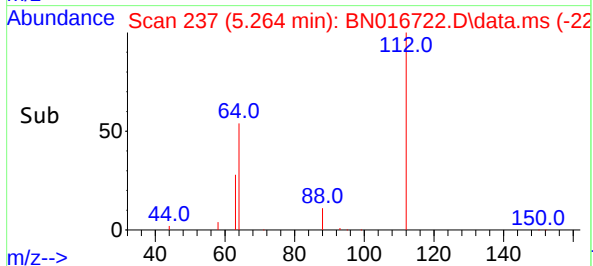
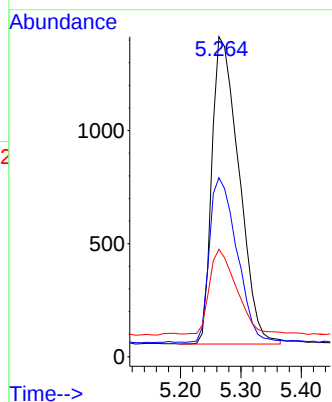
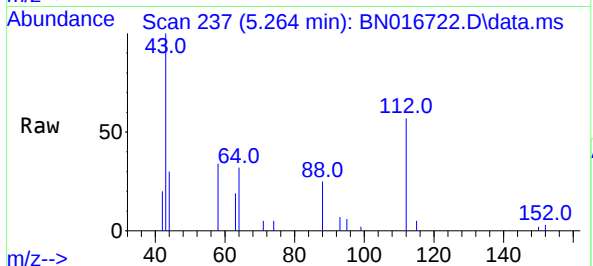




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

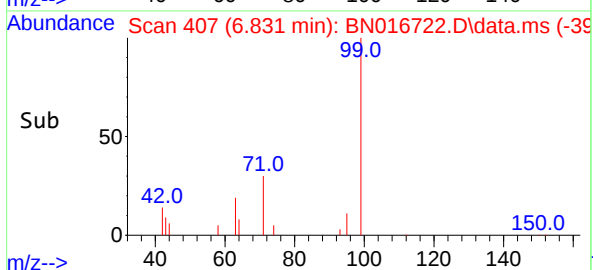
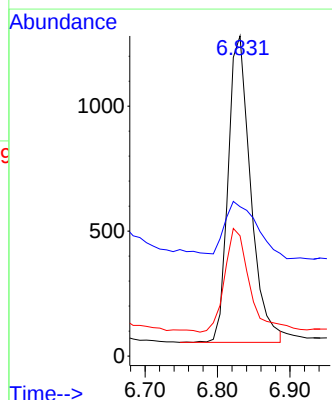
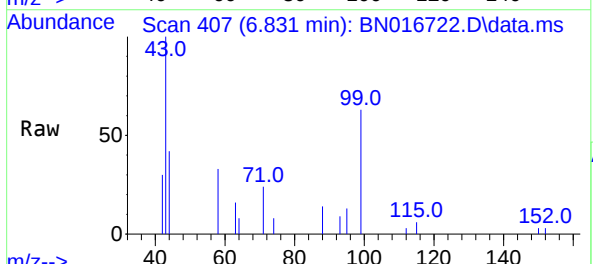
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920DL

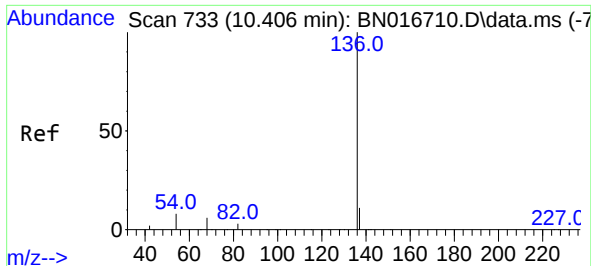
Tgt Ion:112 Resp: 4226
Ion Ratio Lower Upper
112 100
64 54.3 42.9 64.3
63 27.3 21.5 32.3



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

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#

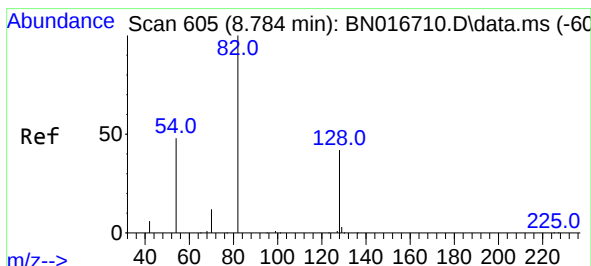
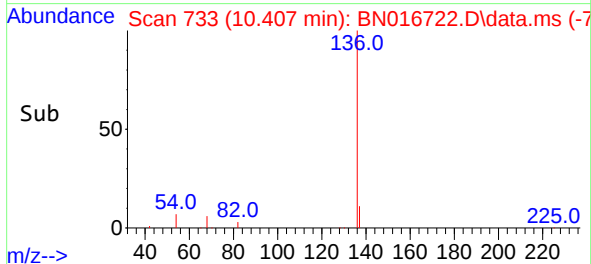
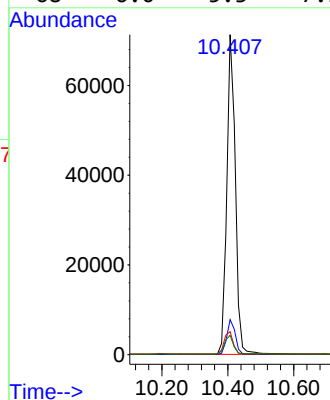
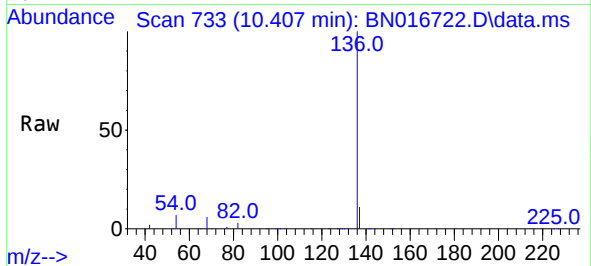




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

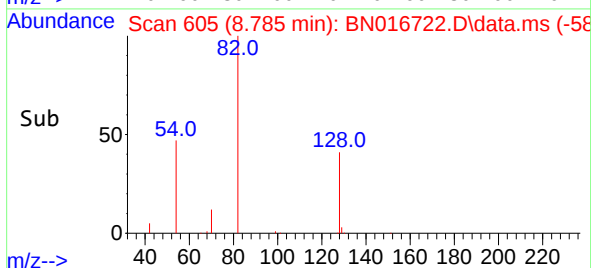
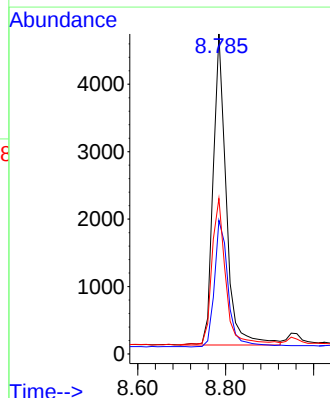
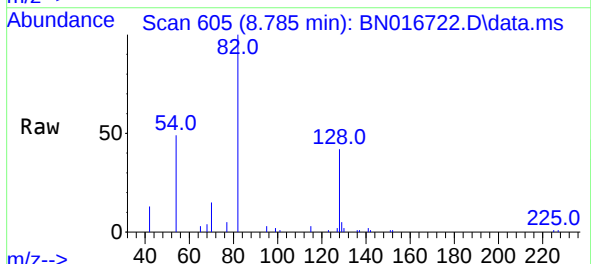
Instrument :
BNA_N
ClientSampleId :
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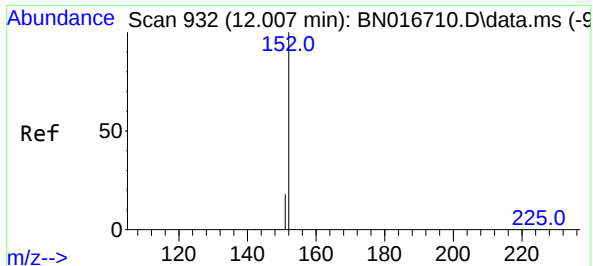
Tgt Ion:	136	Resp:	127304
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.5	9.7
68	6.0	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

Tgt Ion:	82	Resp:	9508
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	48.6	38.5	57.7

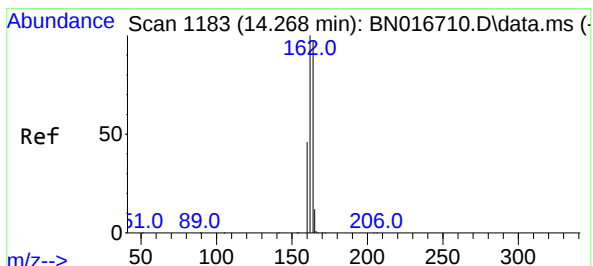
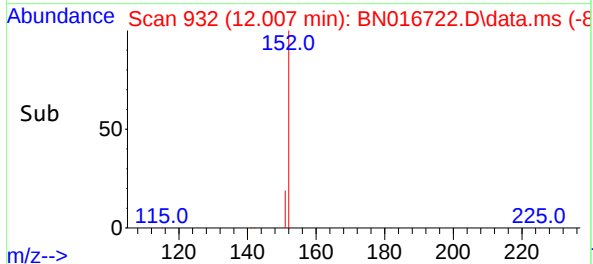
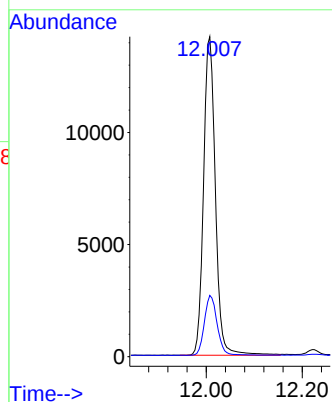
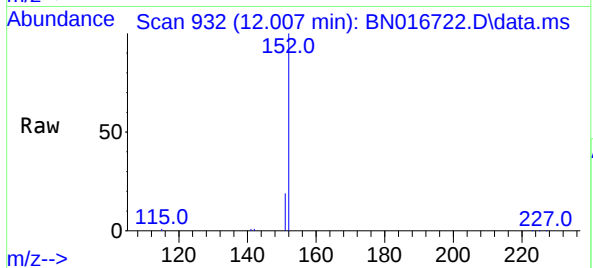




#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

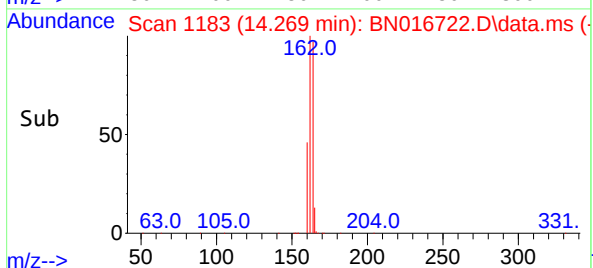
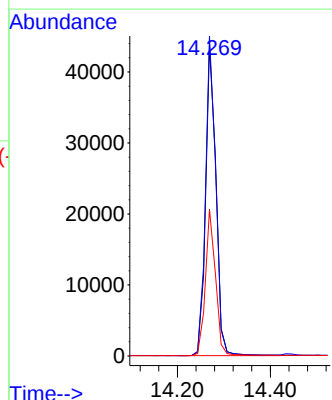
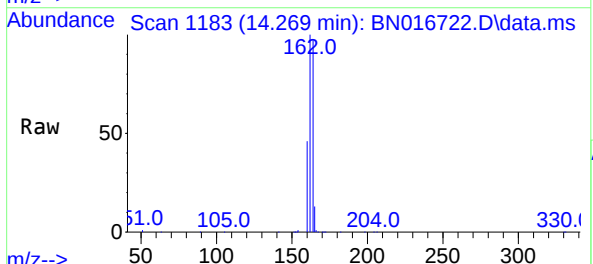
Instrument :
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ClientSampleId :
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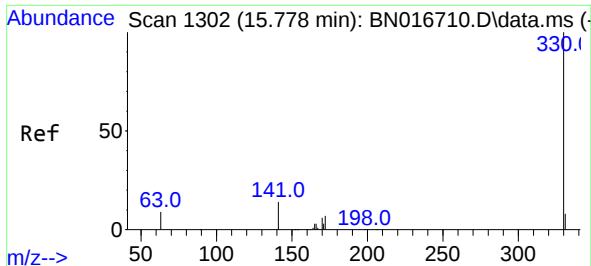
Tgt Ion:152 Resp: 24302
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

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

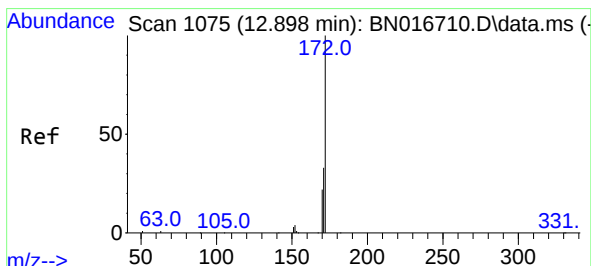
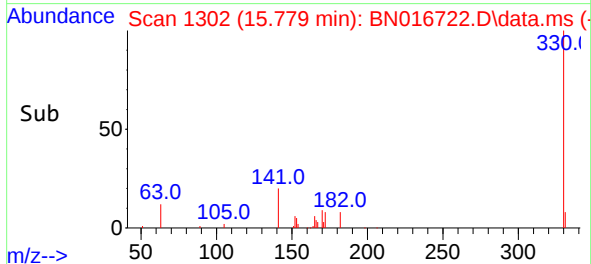
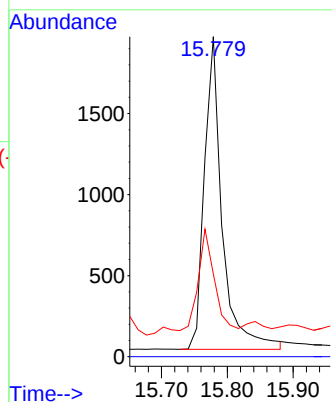
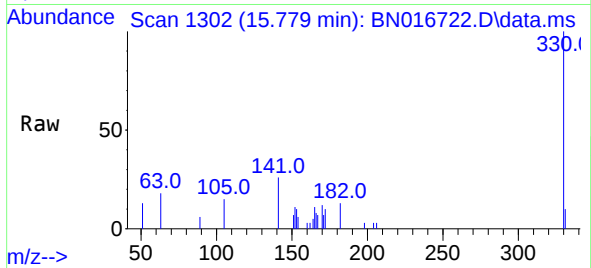




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

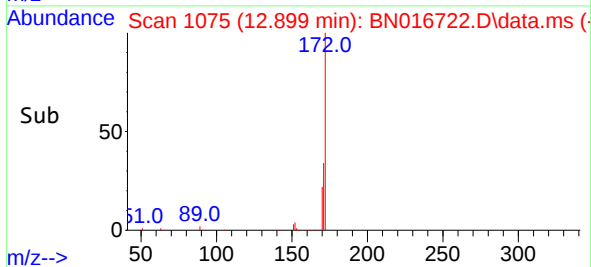
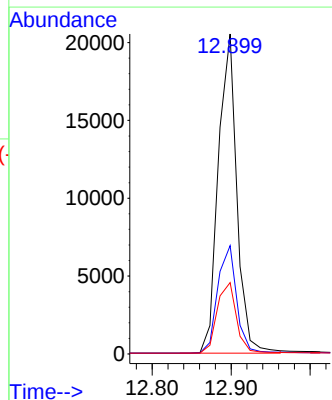
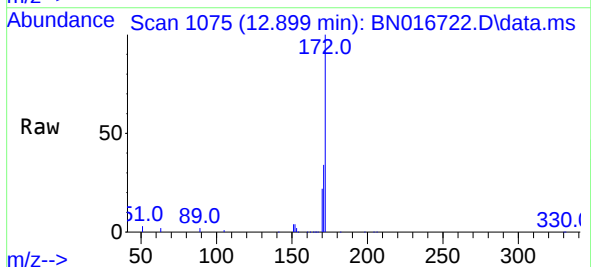
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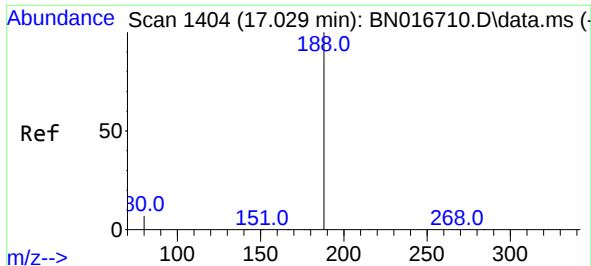
Tgt Ion:330 Resp: 3626
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.001 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

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

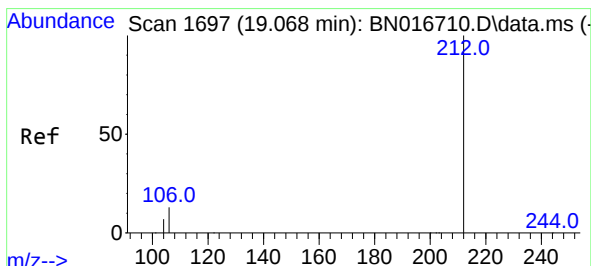
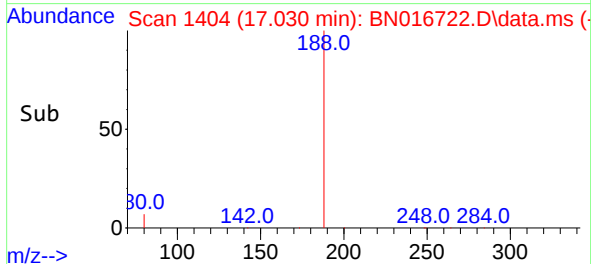
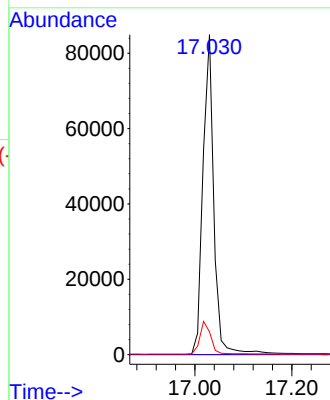
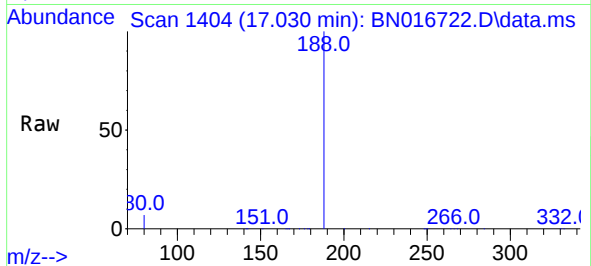




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

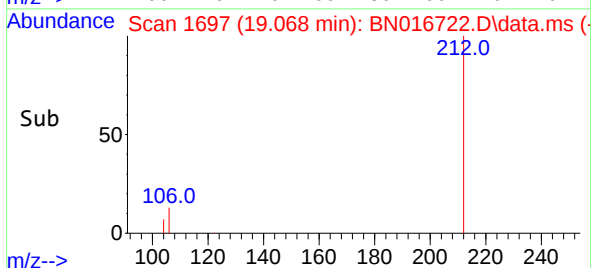
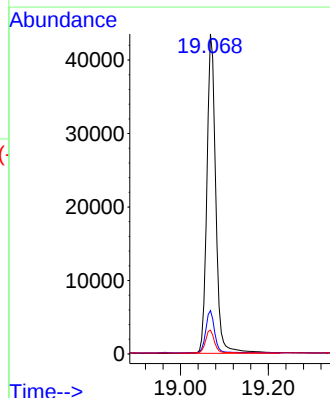
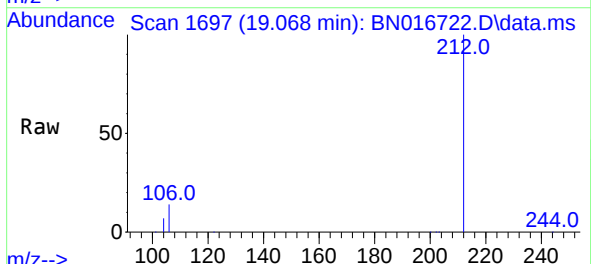
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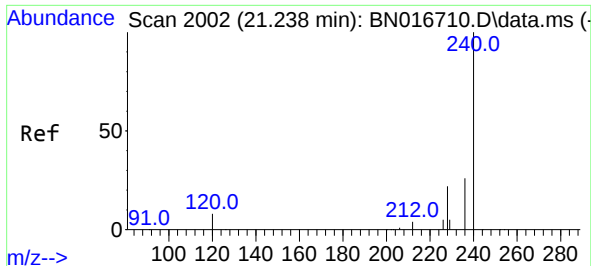
Tgt Ion:188 Resp: 132791
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 5.8 8.8



#27
Fluoranthene-d10
Concen: 0.17 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

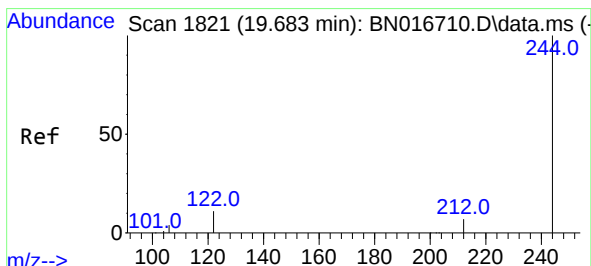
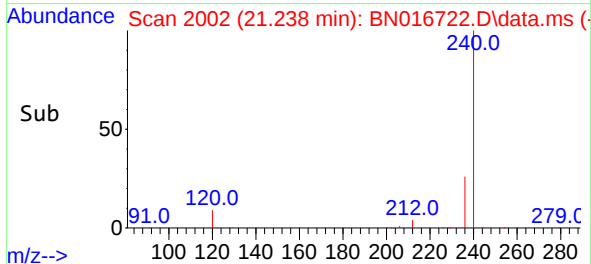
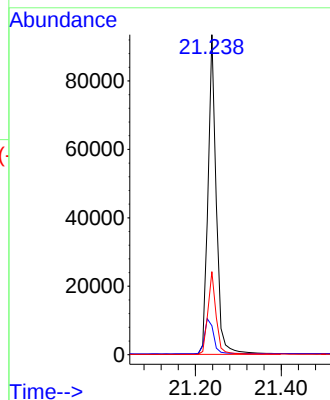
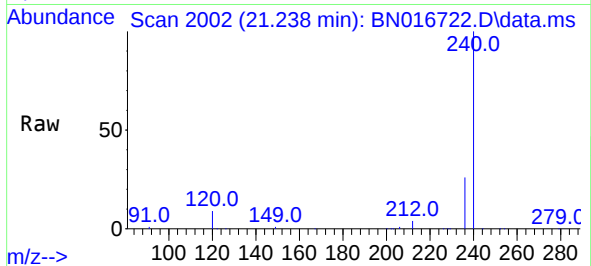




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

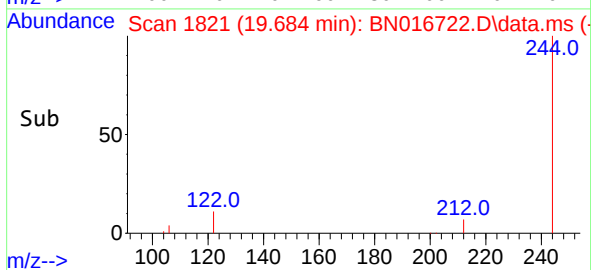
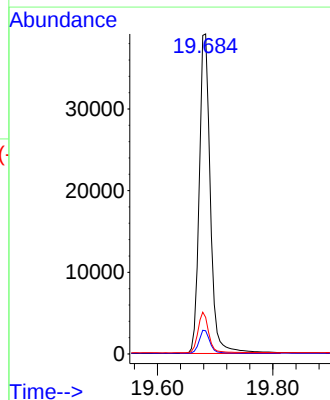
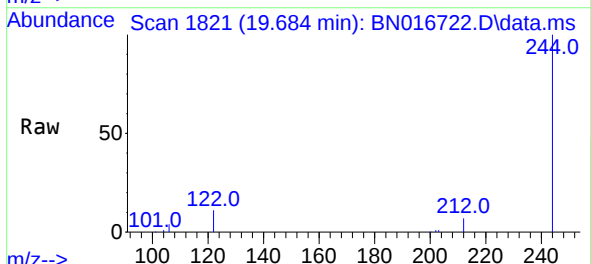
Instrument :
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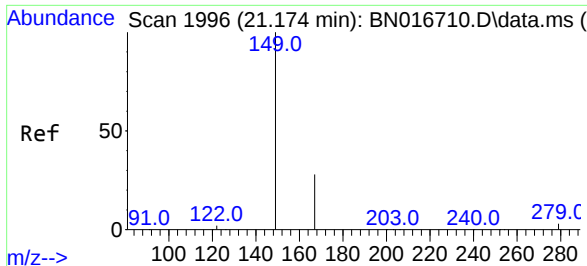
Tgt Ion:240 Resp: 125308
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 26.0 20.7 31.1



#31
Terphenyl-d14
Concen: 0.19 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



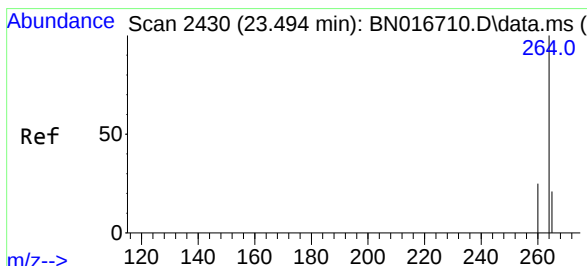
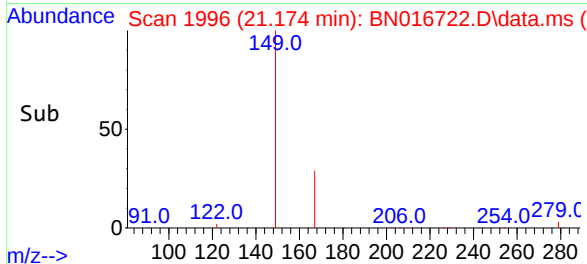
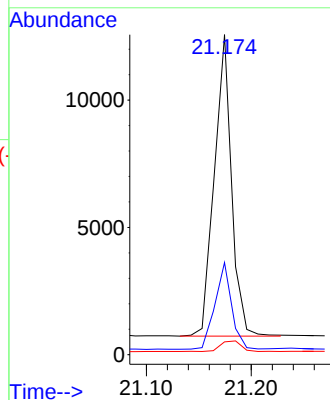
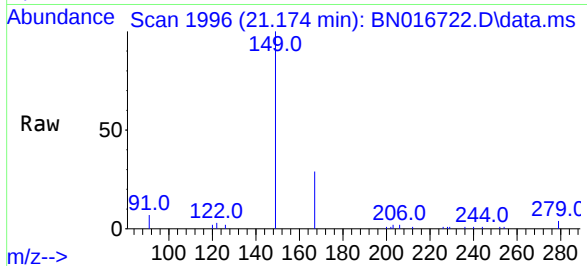


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016722.D
Acq: 04 Oct 2021 22:36

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: 0.40 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

