

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016733.D
 Acq On : 05 Oct 2021 06:25
 Operator : CG/JU
 Sample : M3829-13DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210917DL

Quant Time: Oct 05 07:16:34 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)

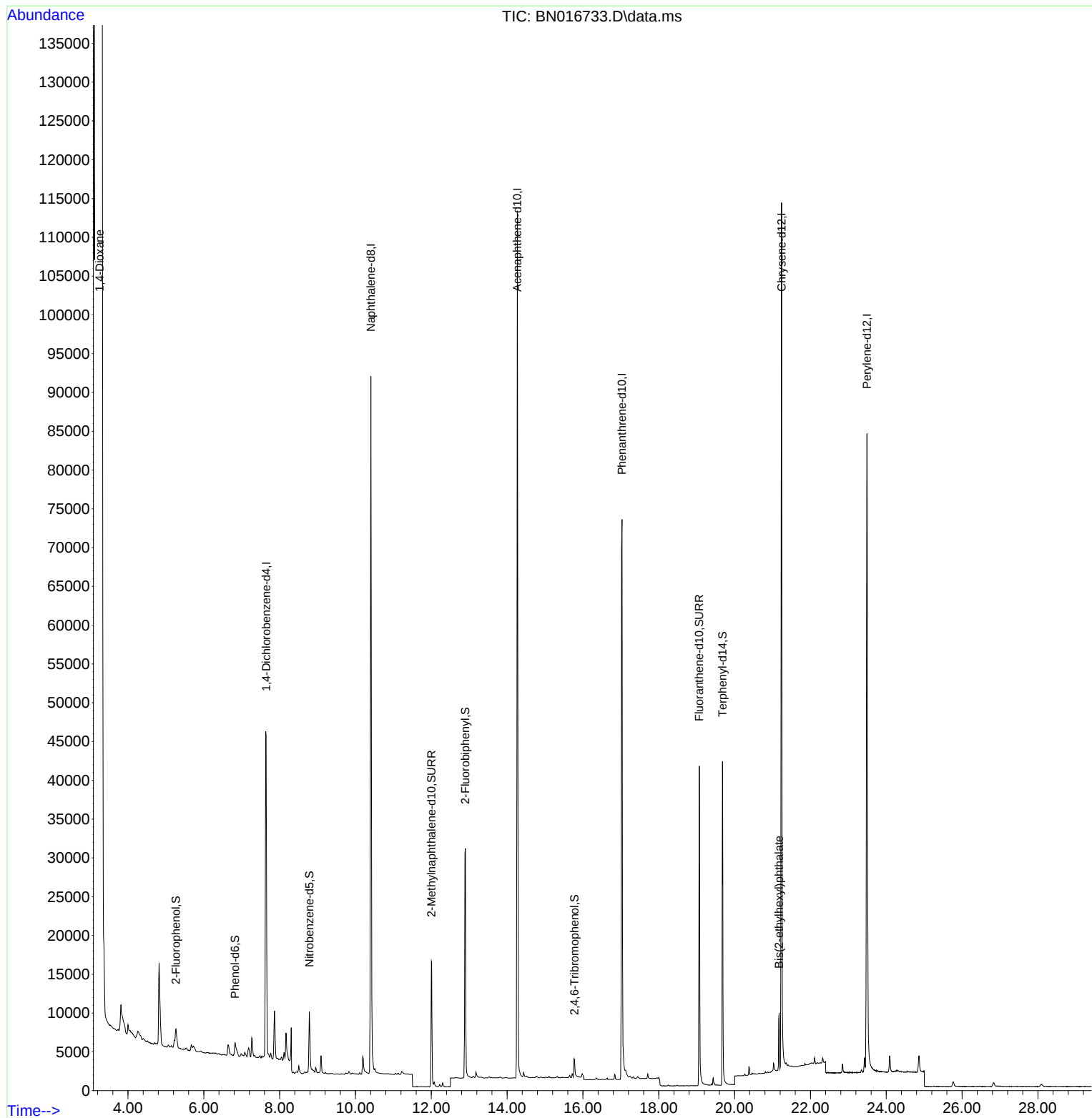
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27318	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	123450	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	63900	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	122093	0.40	ng	0.00
29) Chrysene-d12	21.238	240	114316	0.40	ng	0.00
35) Perylene-d12	23.491	264	118436	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3514	0.05	ng	0.00
5) Phenol-d6	6.822	99	2033	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	8188	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	23523	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	2902	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	31707	0.12	ng	0.00
27) Fluoranthene-d10	19.068	212	50498	0.15	ng	0.00
31) Terphenyl-d14	19.678	244	45970	0.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	30441	2.39	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.174	149	7847	0.04	ng	98

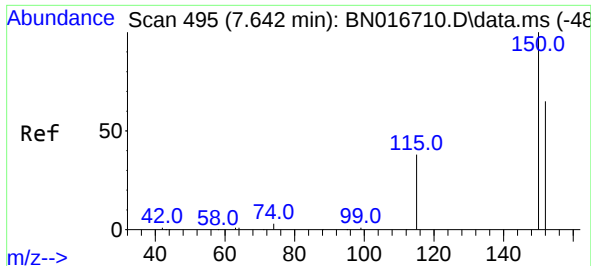
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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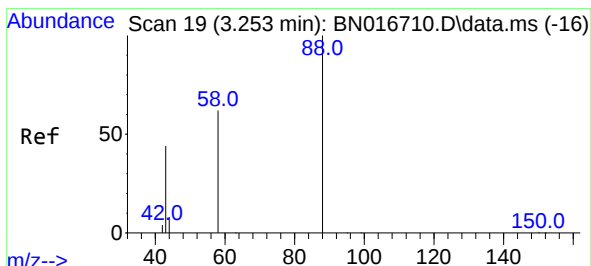
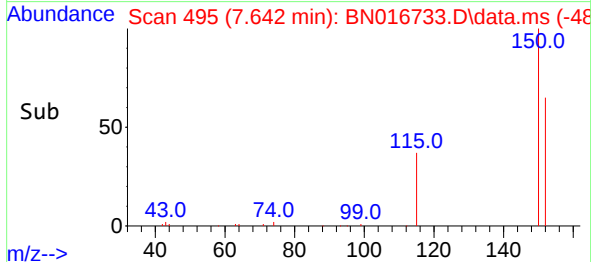
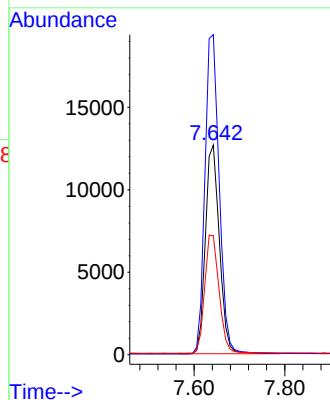
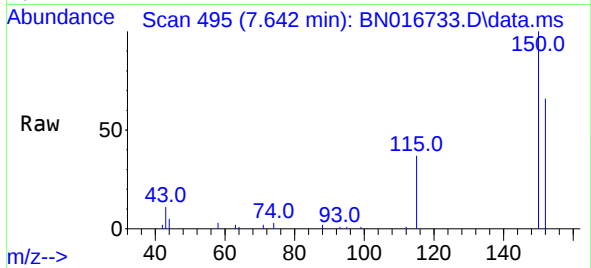




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016733.D
 Acq: 05 Oct 2021 06:25

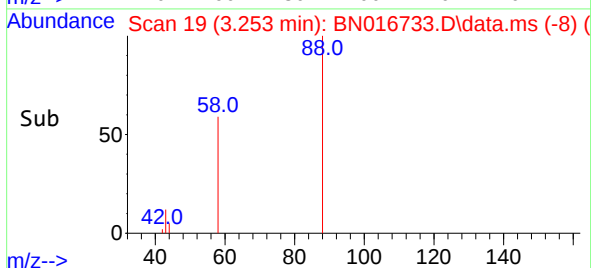
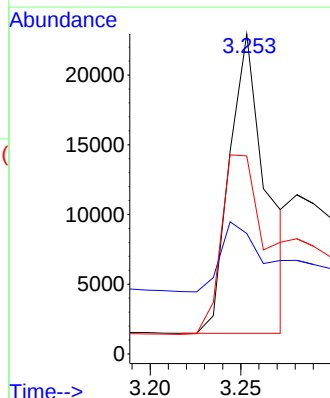
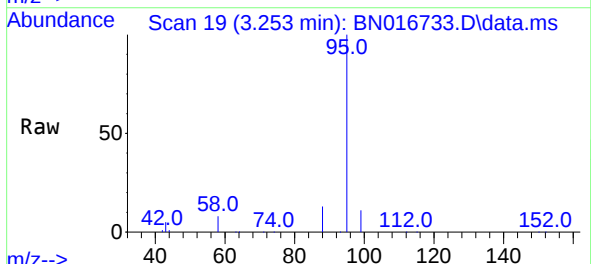
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210917DL

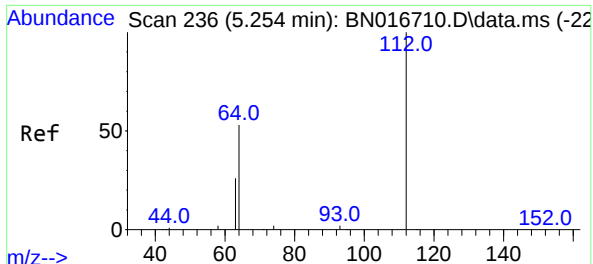
Tgt Ion:152 Resp: 27318
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.3 184.9
 115 56.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.39 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016733.D
 Acq: 05 Oct 2021 06:25

Tgt Ion: 88 Resp: 30441
 Ion Ratio Lower Upper
 88 100
 43 22.1 61.7 92.5#
 58 61.9 62.2 93.2#

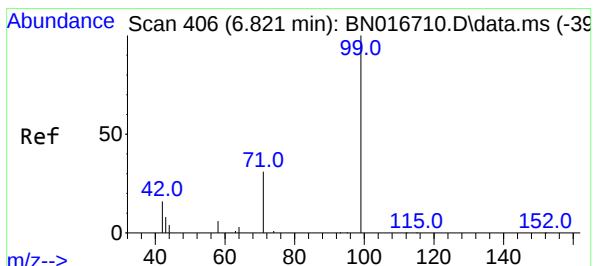
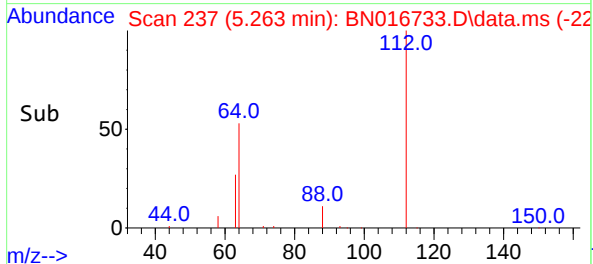
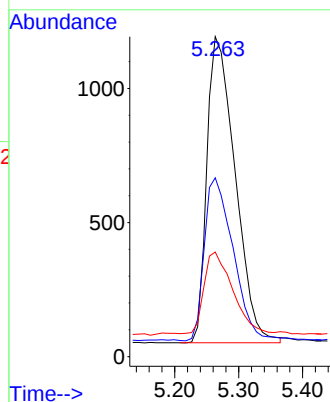
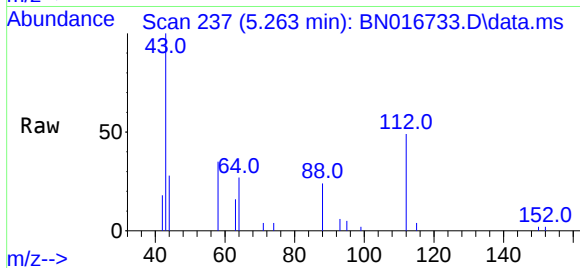




#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

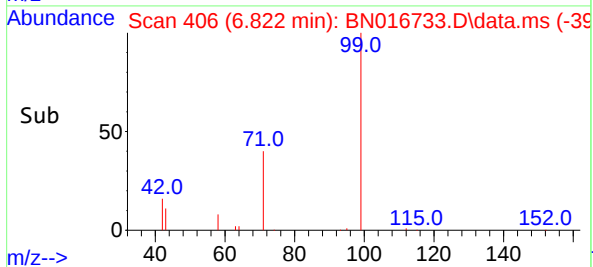
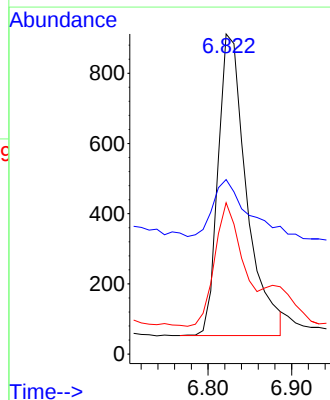
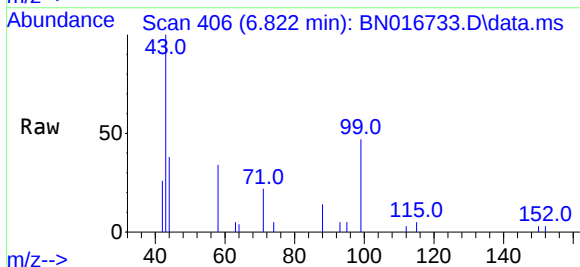
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917DL

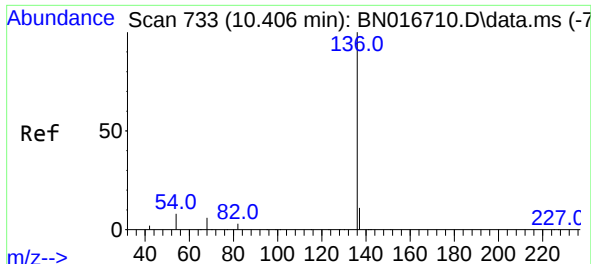
Tgt Ion:112 Resp: 3514
Ion Ratio Lower Upper
112 100
64 54.2 42.9 64.3
63 26.8 21.5 32.3



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

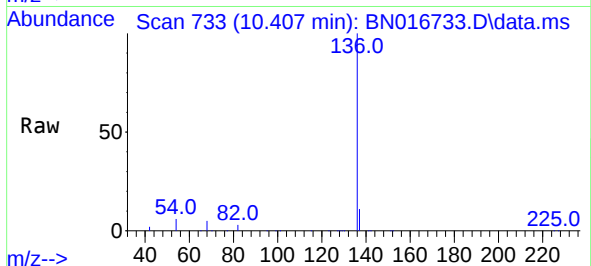
Tgt Ion: 99 Resp: 2033
Ion Ratio Lower Upper
99 100
42 21.3 13.4 20.2#
71 40.7 24.0 36.0#





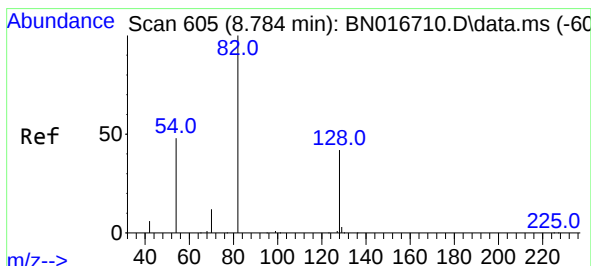
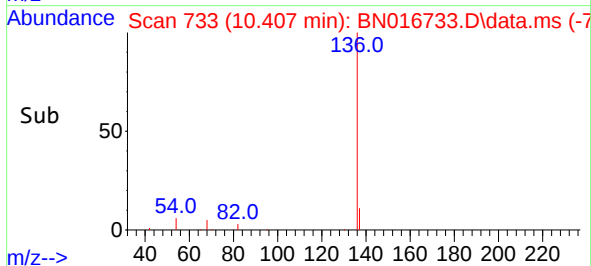
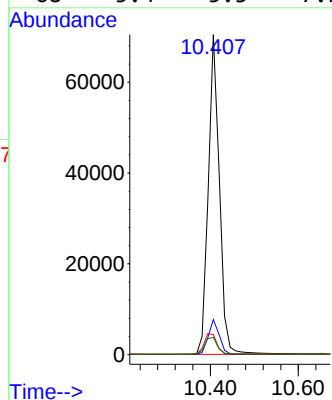
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917DL



Tgt Ion: 136 Resp: 123450

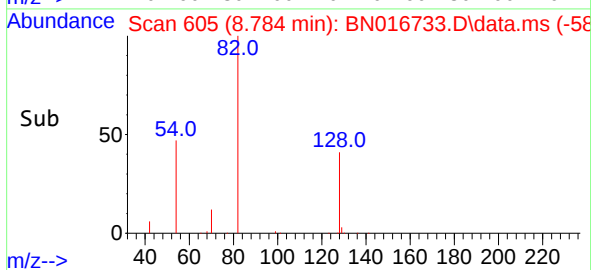
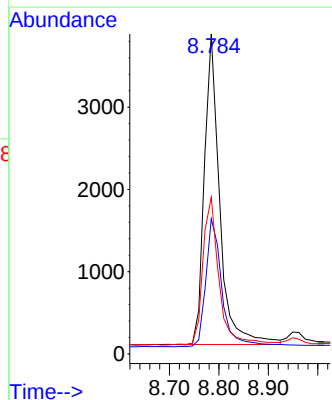
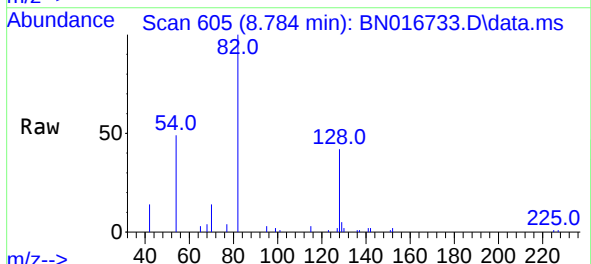
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.5	9.7#
68	5.4	5.3	7.9

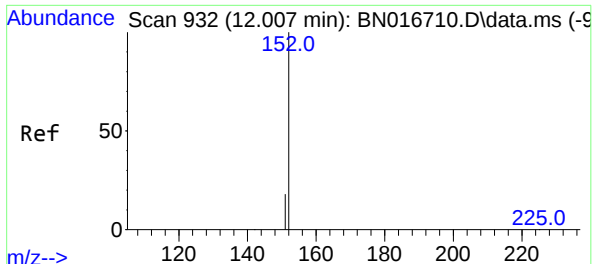


#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion: 82 Resp: 8188

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.8	50.6
54	48.9	38.5	57.7

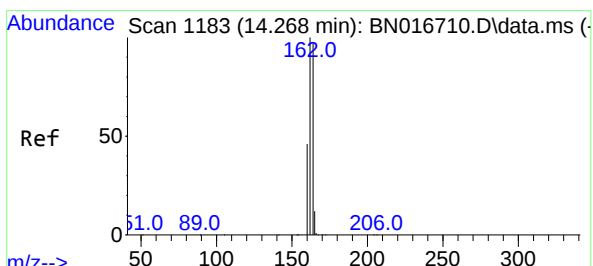
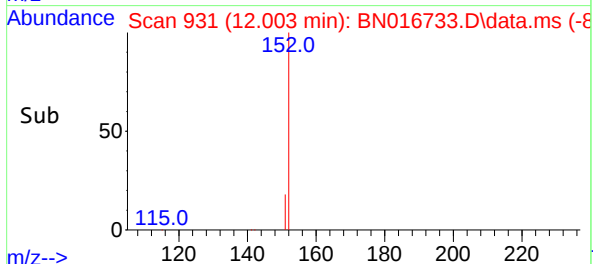
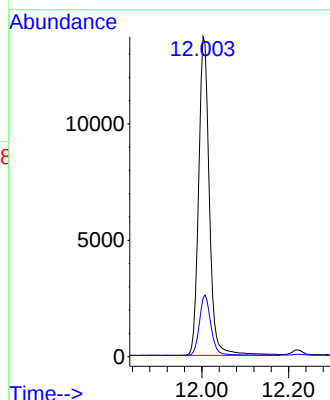
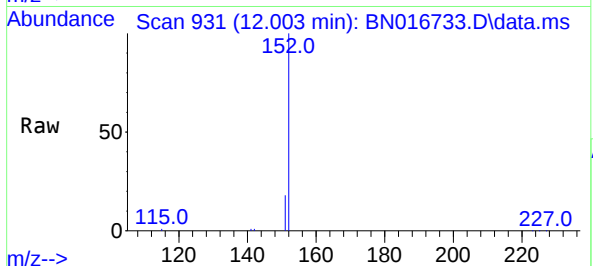




#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

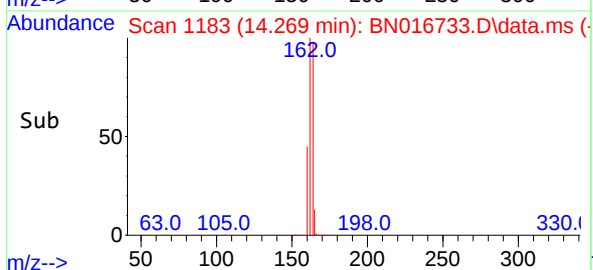
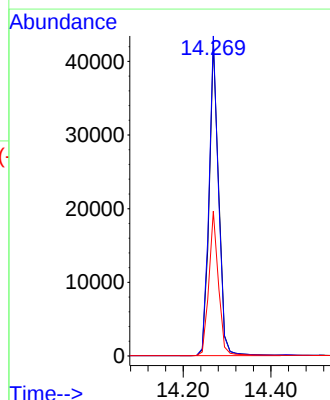
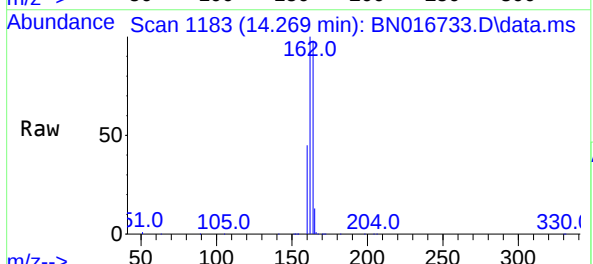
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917DL

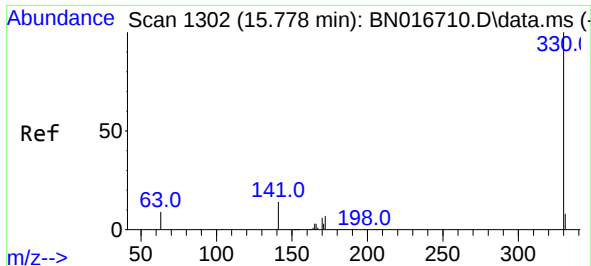
Tgt Ion:152 Resp: 23523
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion:164 Resp: 63900
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 46.2 38.2 57.2

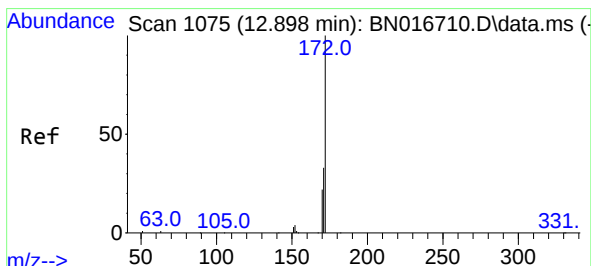
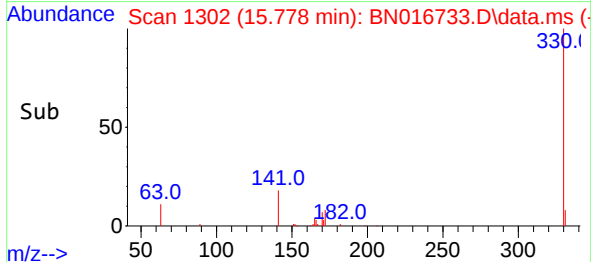
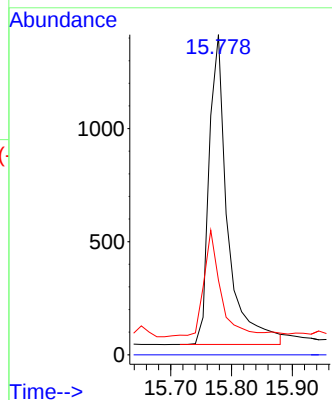
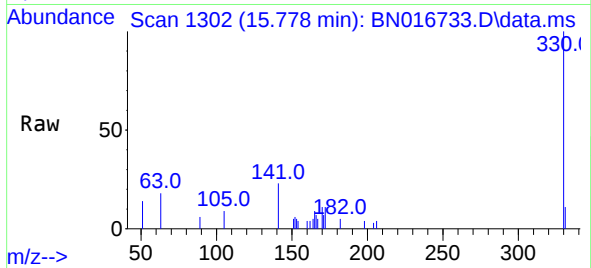




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

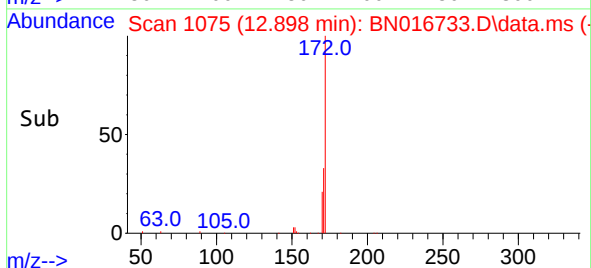
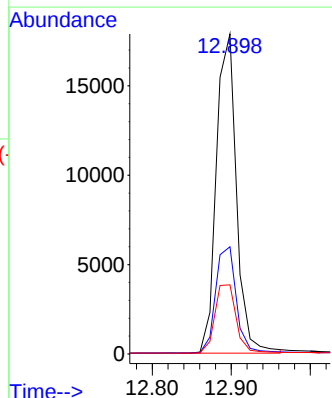
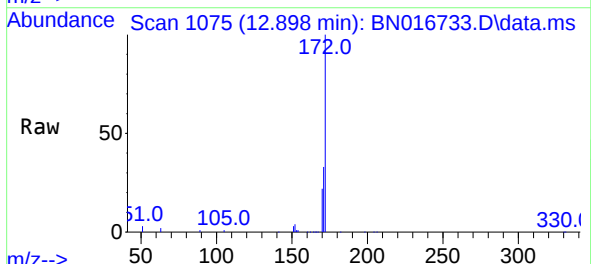
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ClientSampleId :
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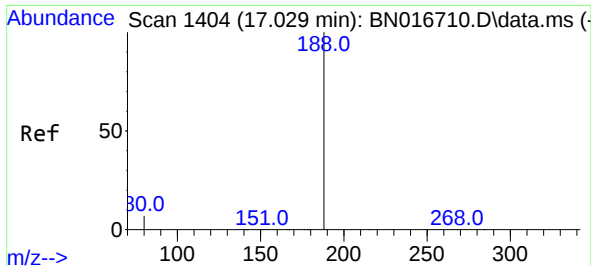
Tgt Ion:330 Resp: 2902
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion:172 Resp: 31707
Ion Ratio Lower Upper
172 100
171 33.5 26.9 40.3
170 21.6 17.4 26.0

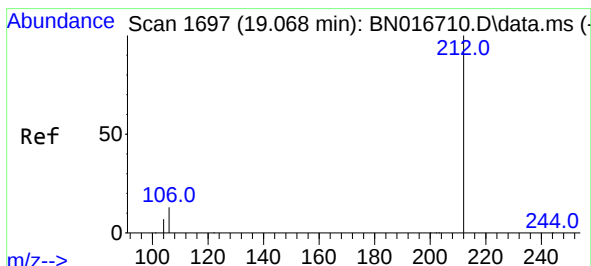
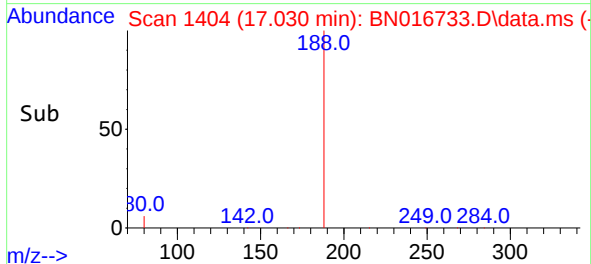
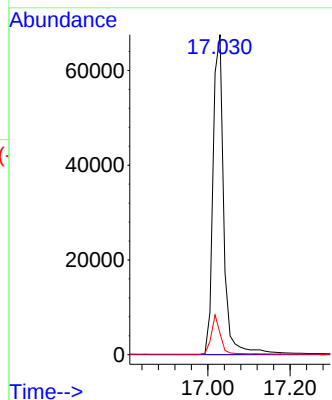
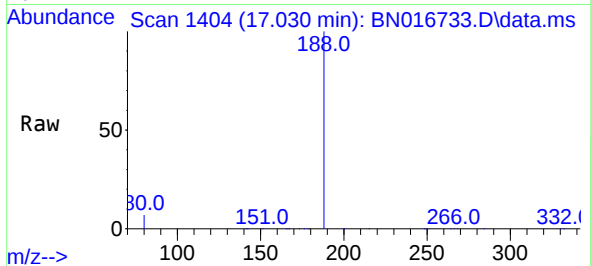




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

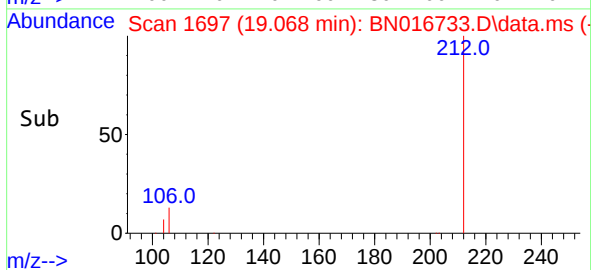
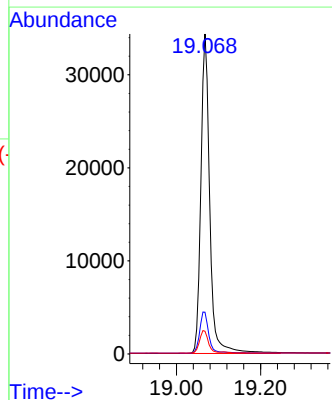
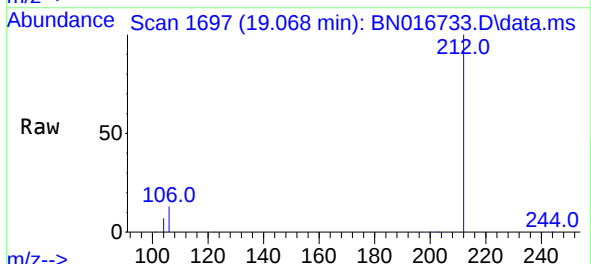
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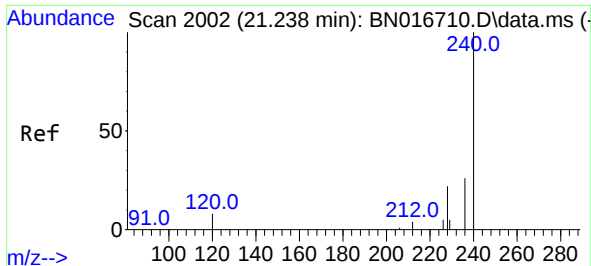
Tgt Ion:188	Resp:	122093
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	6.6	5.8



#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion:212	Resp:	50498
Ion Ratio	Lower	Upper
212	100	
106	13.2	10.6
104	6.9	5.8

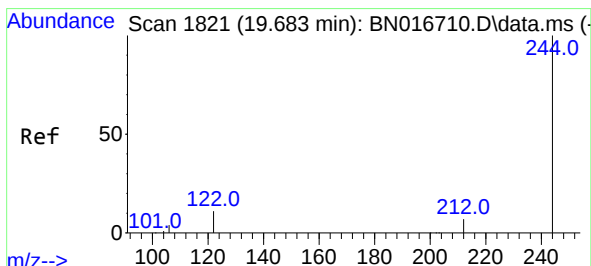
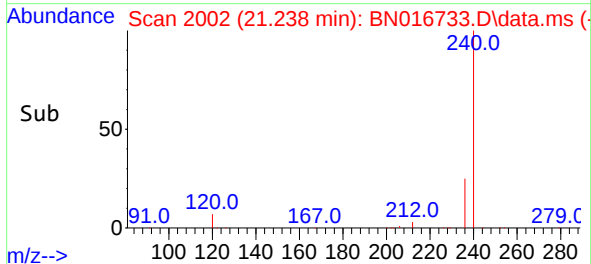
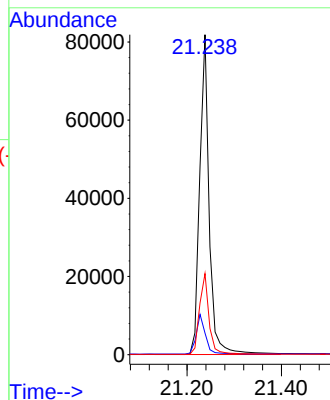
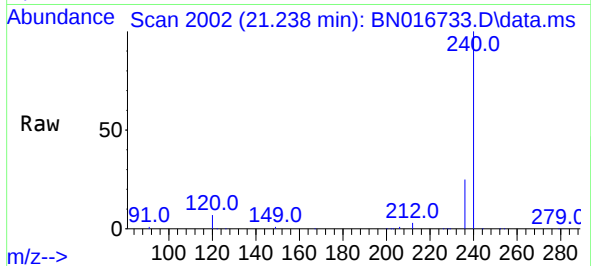




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

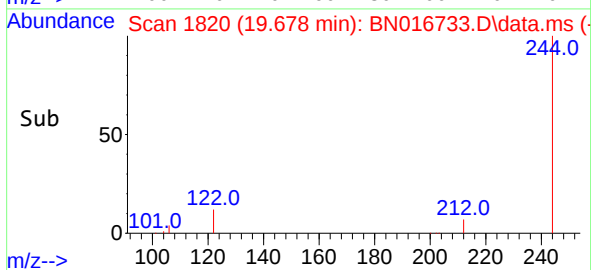
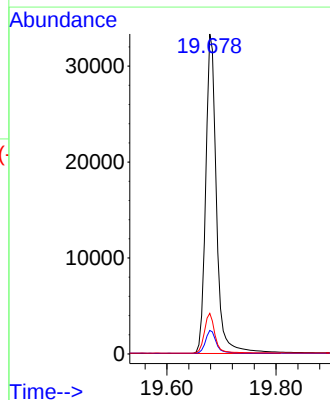
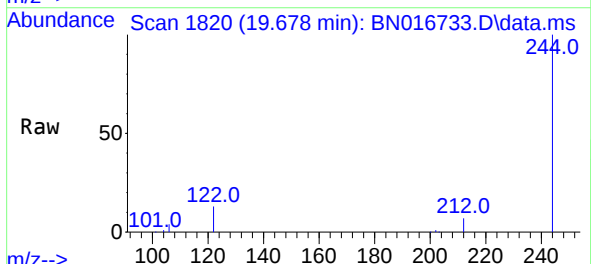
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RE120D1-20210917DL

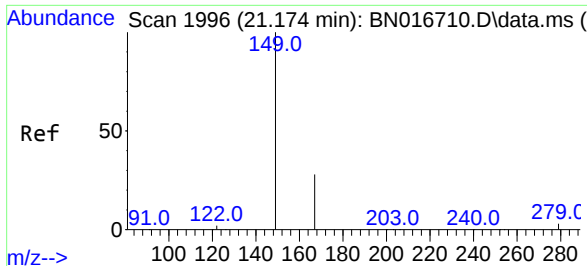
Tgt Ion:240 Resp: 114316
Ion Ratio Lower Upper
240 100
120 6.8 6.6 10.0
236 25.4 20.7 31.1



#31
Terphenyl-d14
Concen: 0.18 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion:244 Resp: 45970
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.7 8.9 13.3



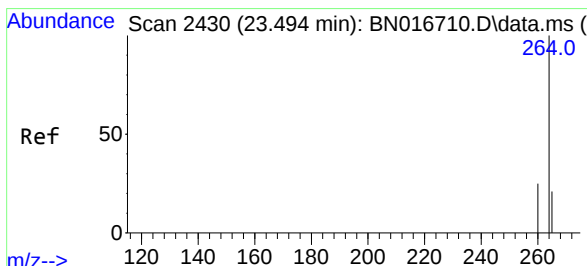
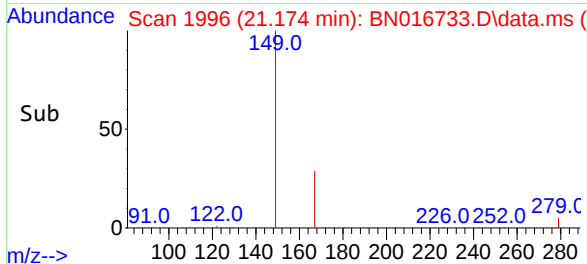
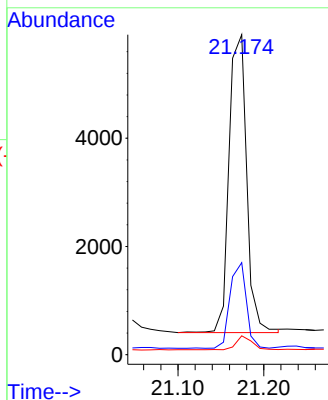
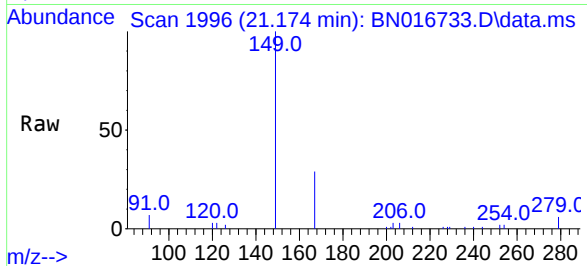


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917DL

Tgt Ion:149 Resp: 7847

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.4
279	4.2	3.4	5.2



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016733.D
Acq: 05 Oct 2021 06:25

Tgt Ion:264 Resp: 118436

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	23.4	20.3	30.5

