

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016760.D
 Acq On : 06 Oct 2021 02:40
 Operator : CG/JU
 Sample : PB139585BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139585BL

Quant Time: Oct 06 04:32:04 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

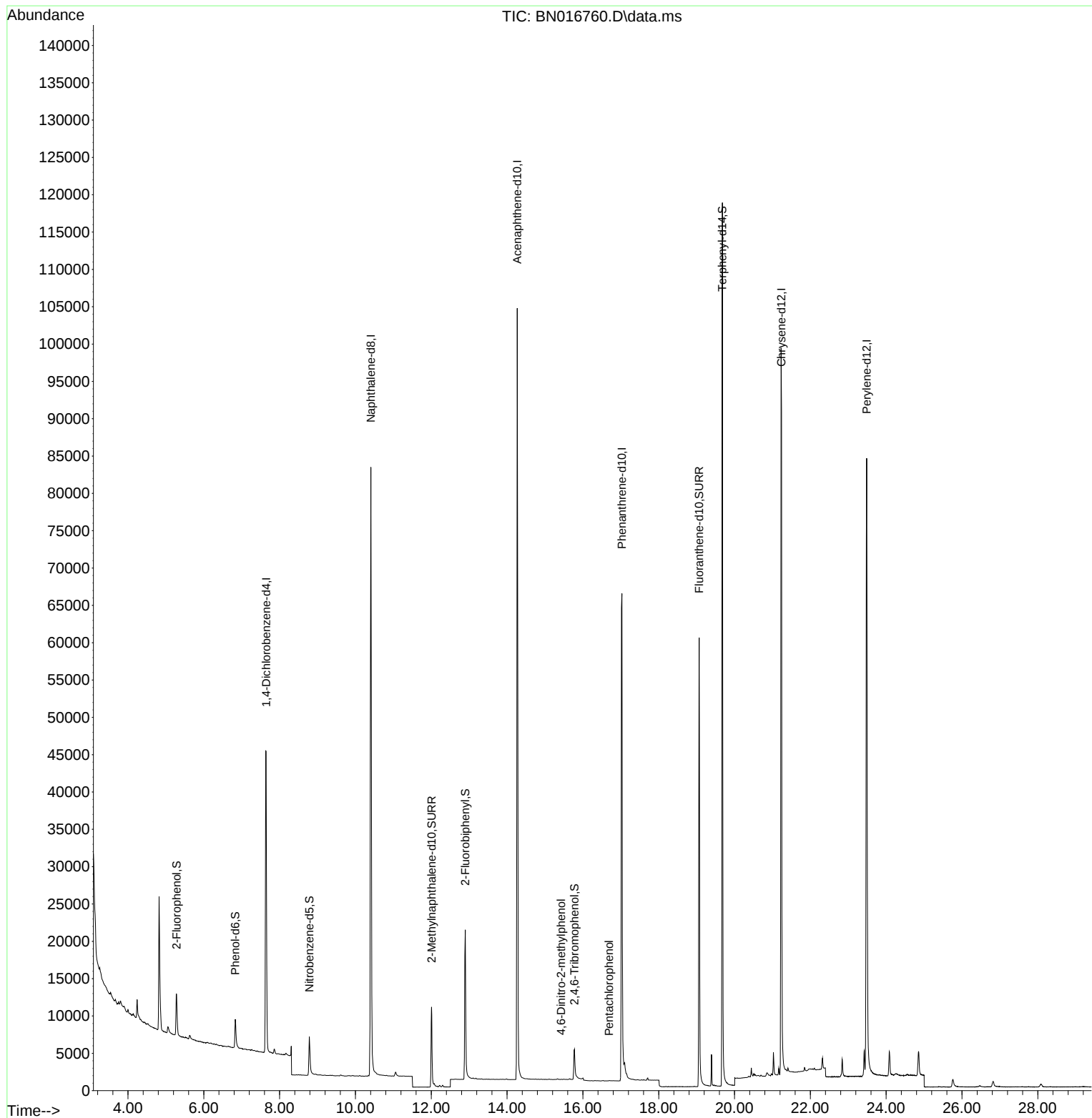
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26219	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	116171	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	60554	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	116451	0.400	ng	0.00
29) Chrysene-d12	21.238	240	111050	0.400	ng	# 0.00
35) Perylene-d12	23.484	264	117403	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	6497	0.097	ng	0.03
5) Phenol-d6	6.831	99	5131	0.069	ng	0.00
8) Nitrobenzene-d5	8.784	82	5841	0.072	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	17512	0.101	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	5280	0.268	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	21894	0.090	ng	0.00
27) Fluoranthene-d10	19.068	212	76344	0.240	ng	0.00
31) Terphenyl-d14	19.678	244	126024	0.507	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.423	198	2	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	64	0.340	ng	94

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

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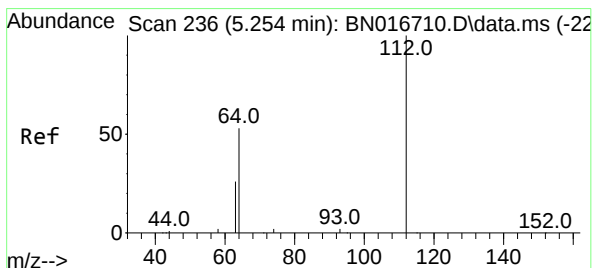
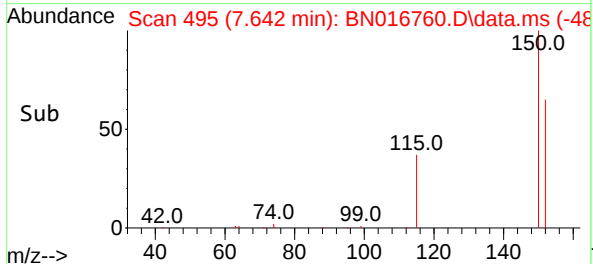
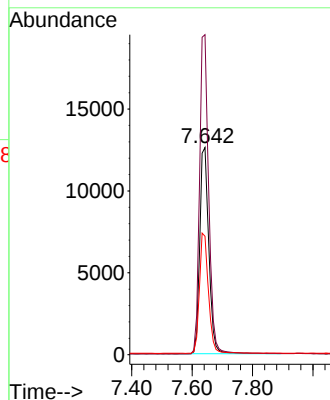
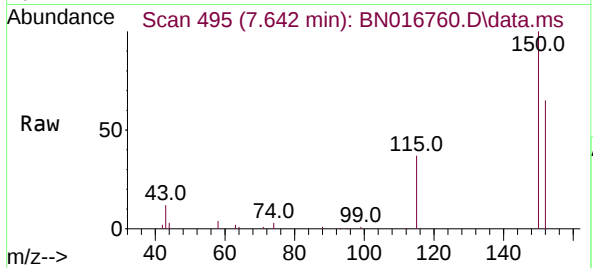




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

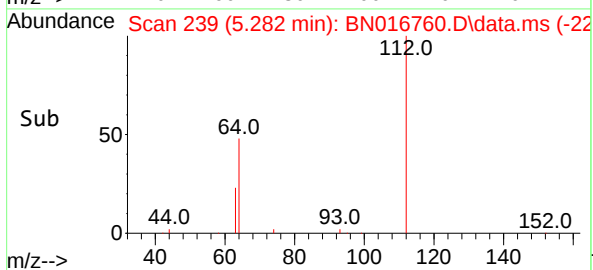
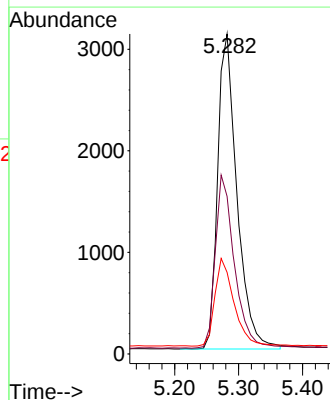
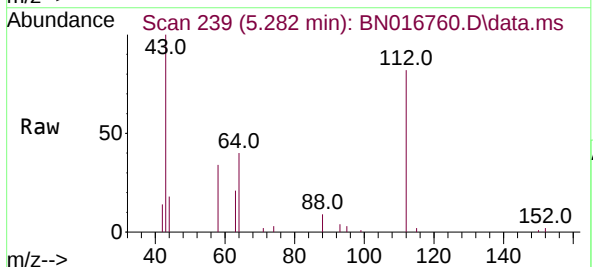
Instrument :
BNA_N
ClientSampleId :
PB139585BL

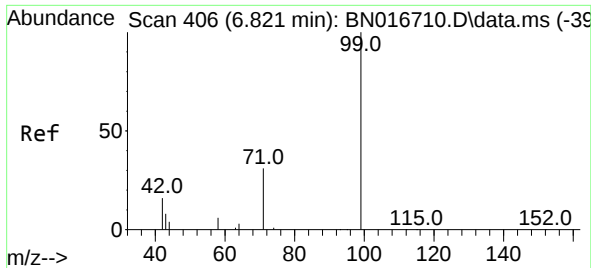
Tgt Ion:152 Resp: 26219
Ion Ratio Lower Upper
152 100
150 154.5 123.3 184.9
115 57.1 47.0 70.6



#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:112 Resp: 6497
Ion Ratio Lower Upper
112 100
64 54.3 42.9 64.3
63 27.6 21.5 32.3

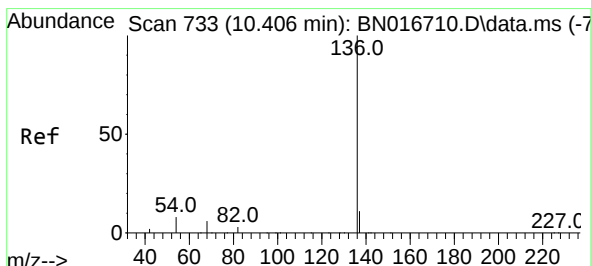
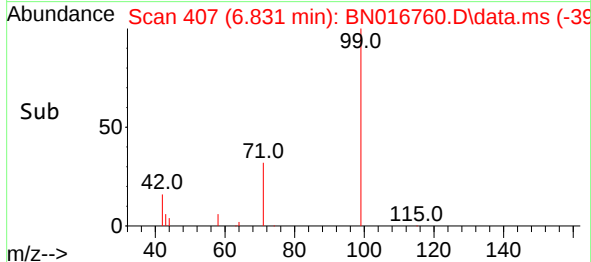
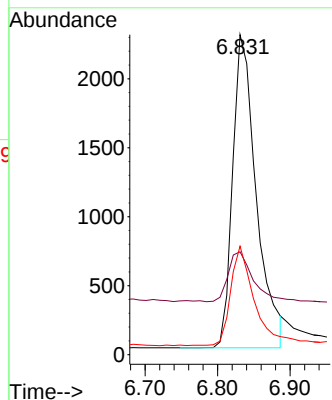
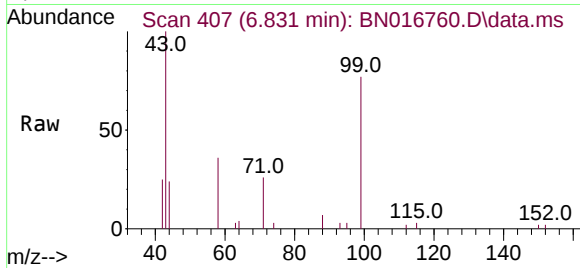




#5
Phenol-d6
Concen: 0.069 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

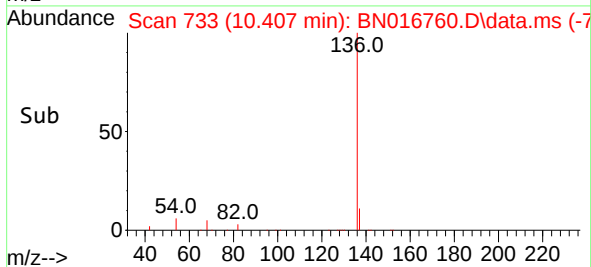
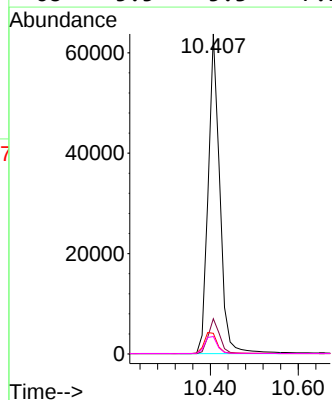
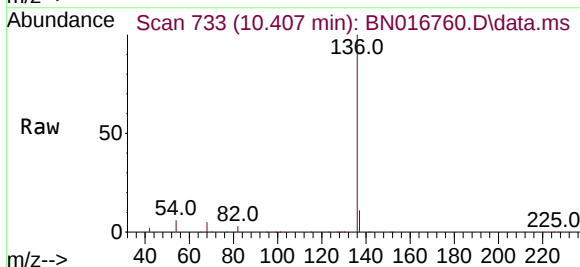
Instrument :
BNA_N
ClientSampleId :
PB139585BL

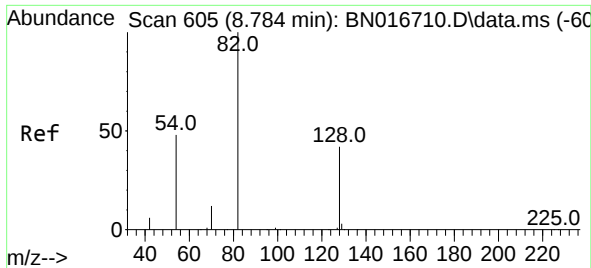
Tgt Ion: 99	Resp: 5131
Ion Ratio	Lower Upper
99 100	
42 16.4	13.4 20.2
71 30.7	24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion: 136	Resp: 116171
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.5	6.5 9.7#
68 5.5	5.3 7.9

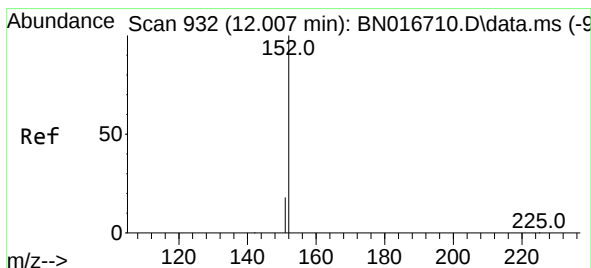
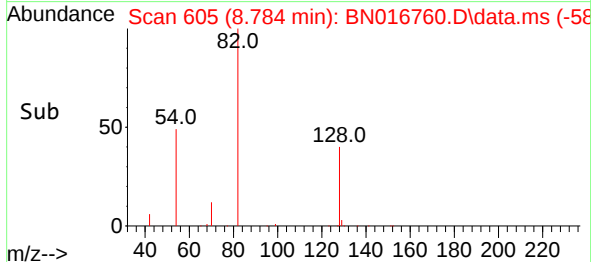
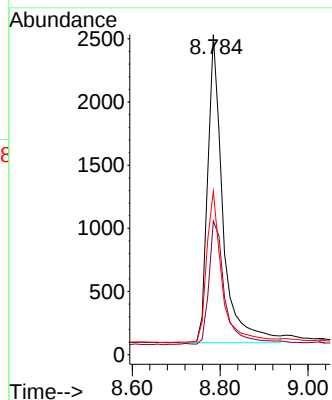
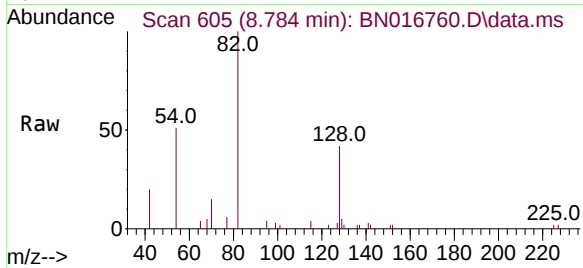




#8
Nitrobenzene-d5
Concen: 0.072 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

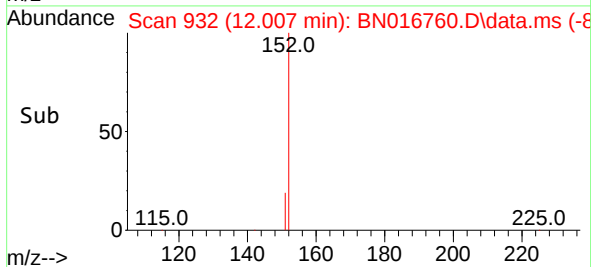
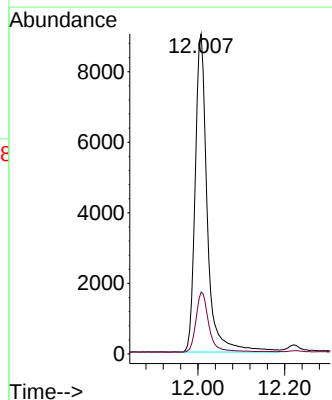
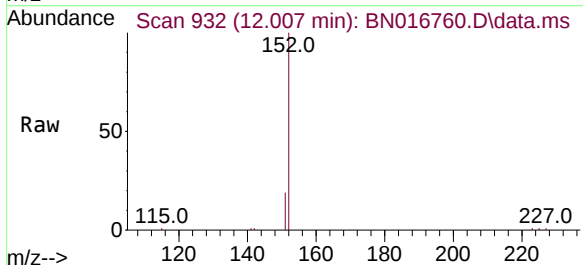
Instrument :
BNA_N
ClientSampleId :
PB139585BL

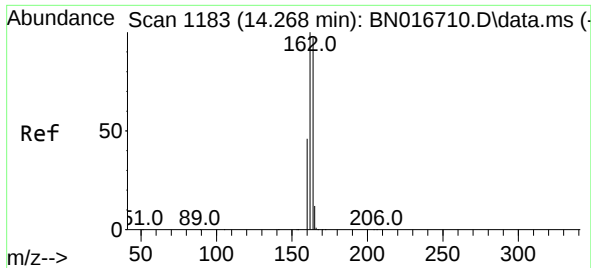
Tgt Ion: 82	Resp: 5841
Ion Ratio	Lower Upper
82 100	
128 41.8	33.8 50.6
54 51.1	38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion: 152	Resp: 17512
Ion Ratio	Lower Upper
152 100	
151 20.3	16.2 24.4

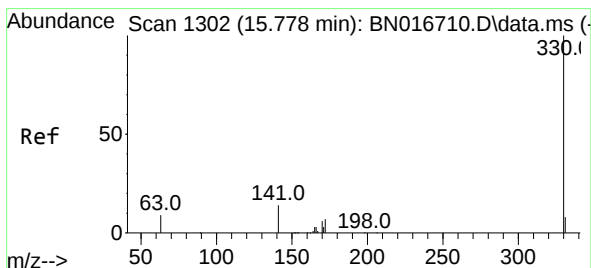
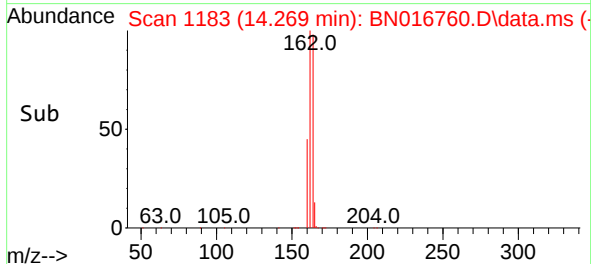
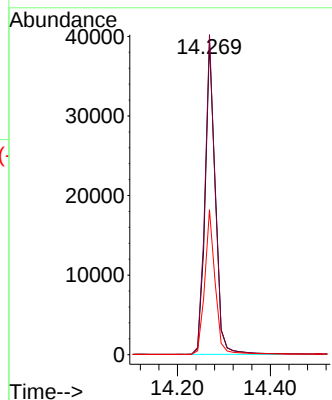
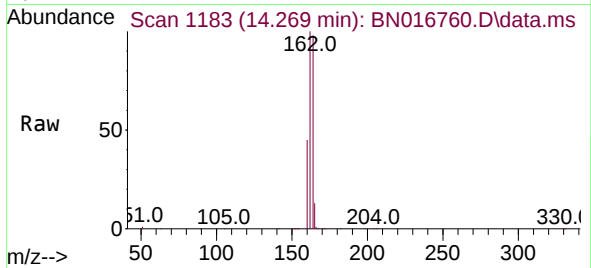




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

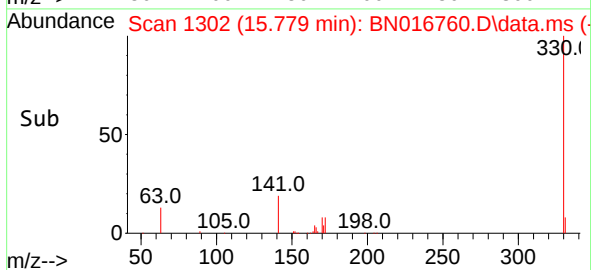
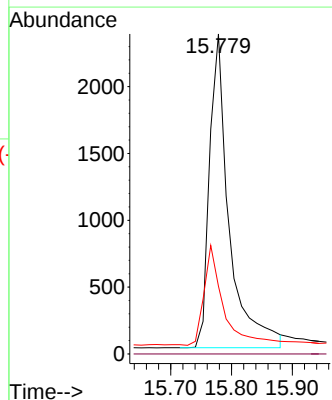
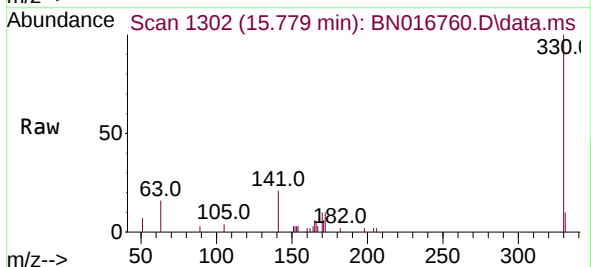
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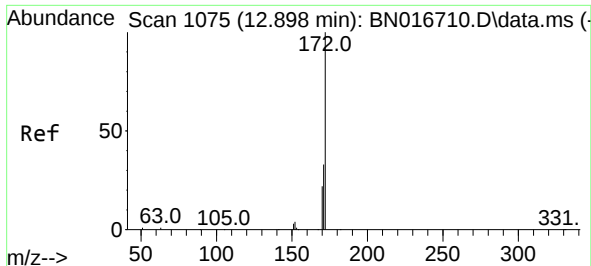
Tgt Ion:164 Resp: 60554
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 46.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:330 Resp: 5280
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 24.2 36.2

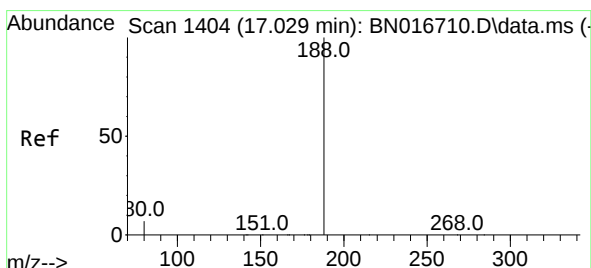
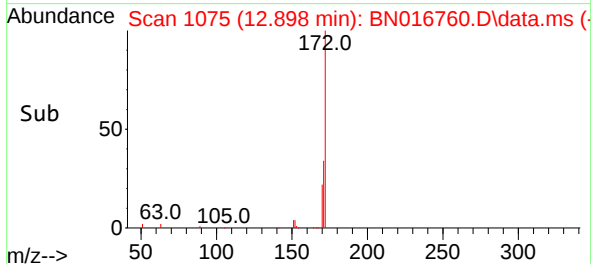
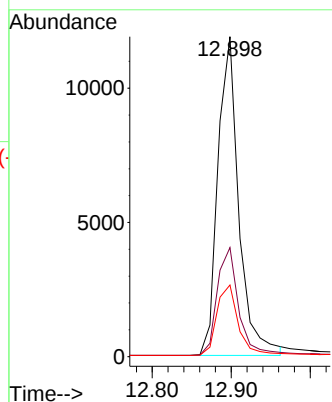
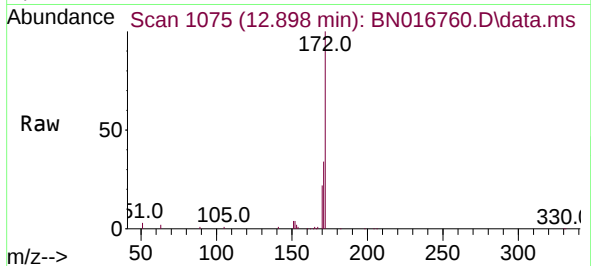




#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

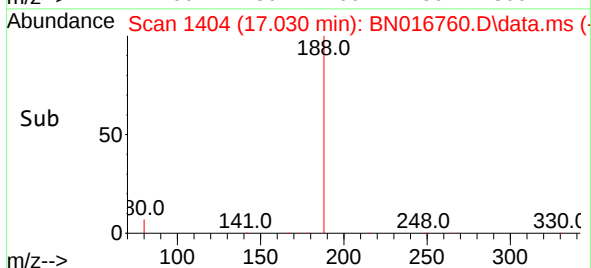
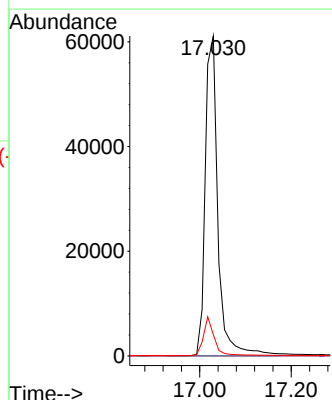
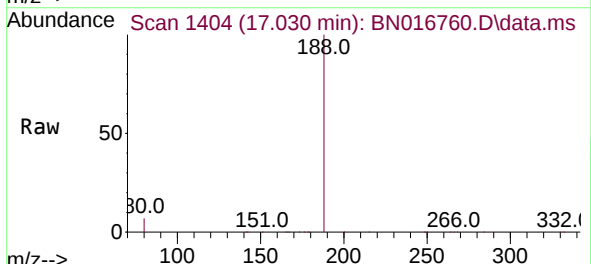
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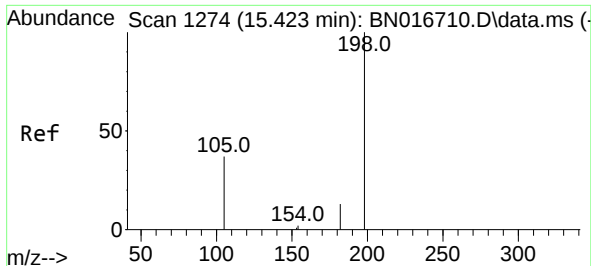
Tgt Ion:172	Resp:	21894
Ion Ratio	Lower	Upper
172	100	
171	34.1	26.9 40.3
170	22.4	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:188	Resp:	116451
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.6	5.8 8.8

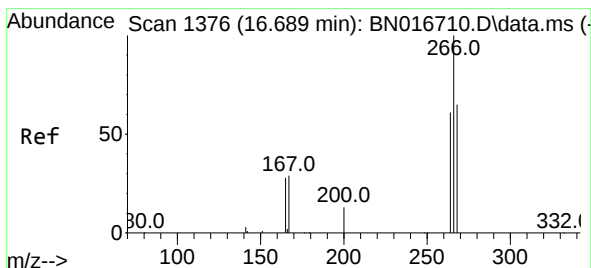
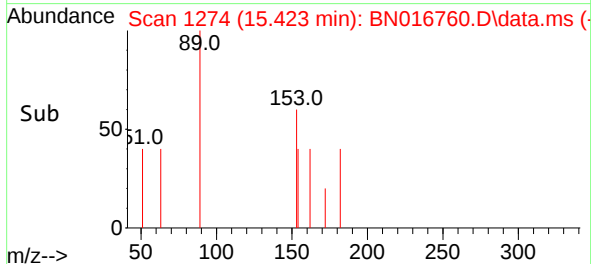
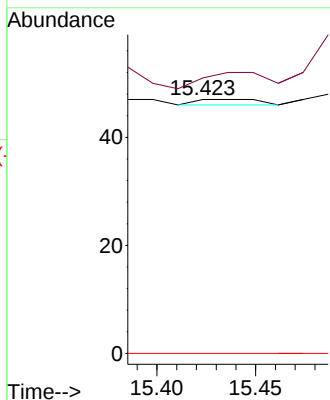
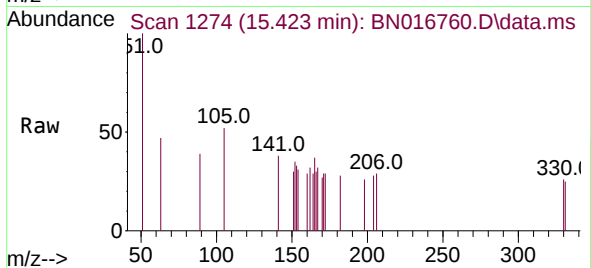




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

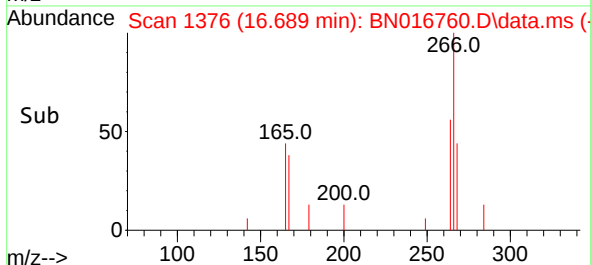
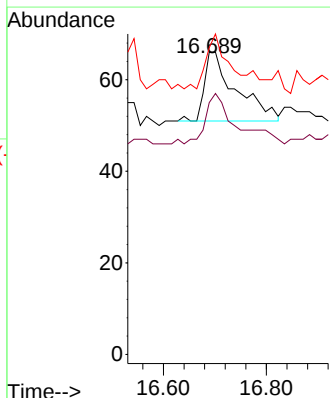
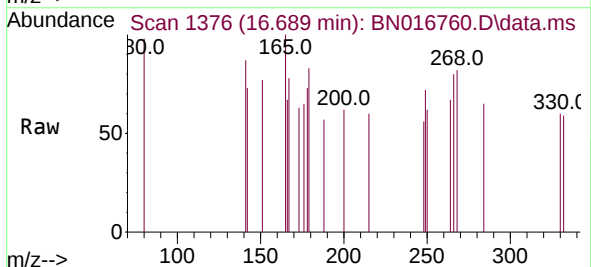
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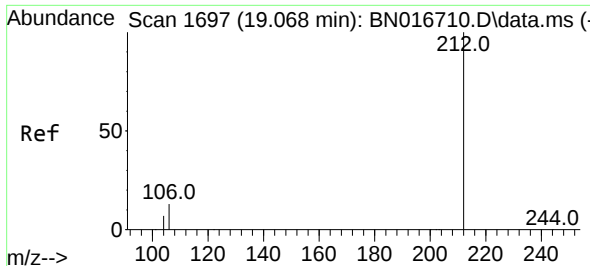
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 108.5 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
264 70.3 49.3 73.9
268 65.6 51.8 77.8

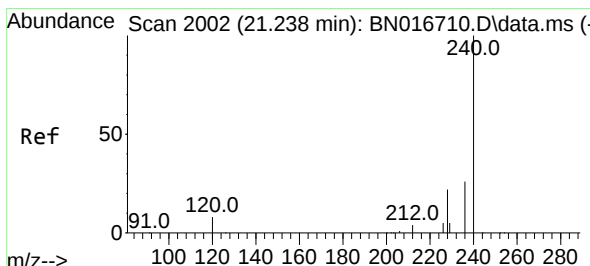
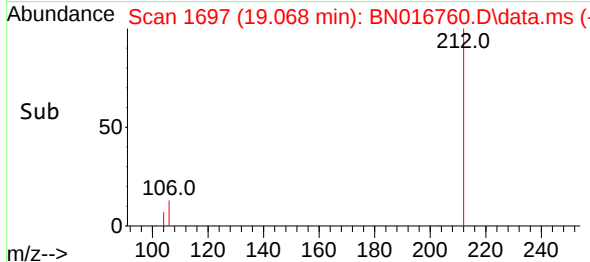
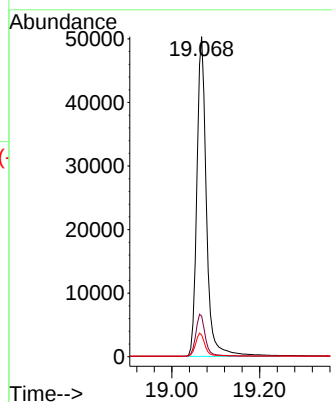
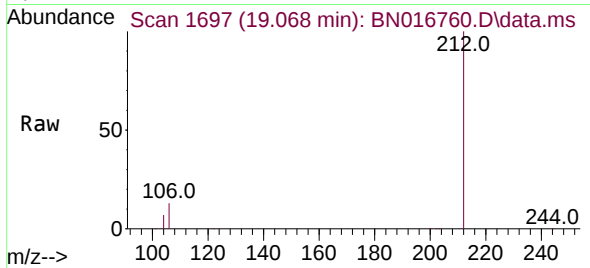




#27
Fluoranthene-d10
Concen: 0.240 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

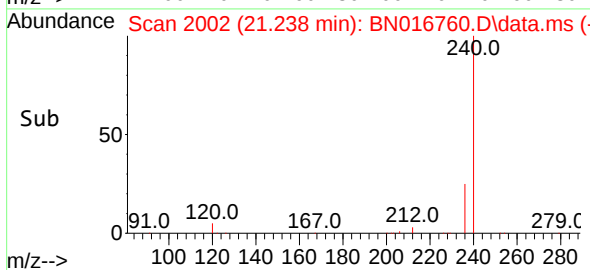
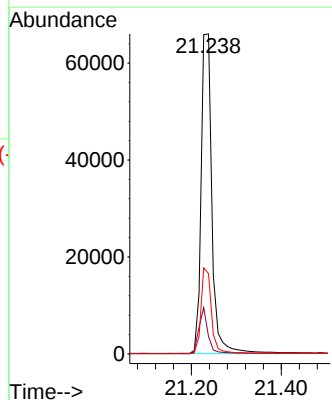
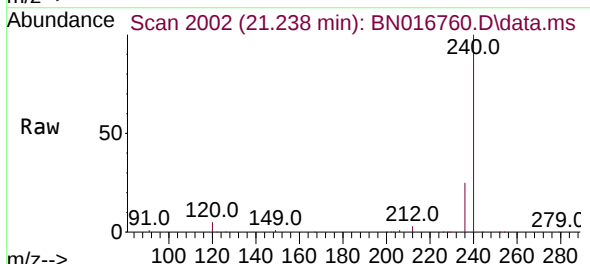
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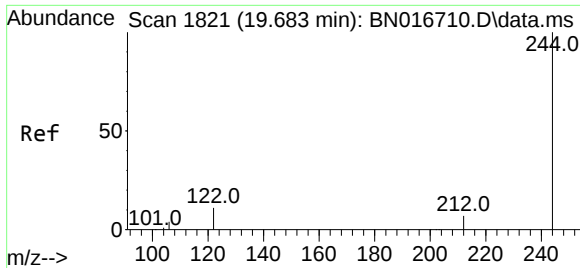
Tgt Ion:212 Resp: 76344
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:240 Resp: 111050
Ion Ratio Lower Upper
240 100
120 5.4 6.6 10.0#
236 25.1 20.7 31.1

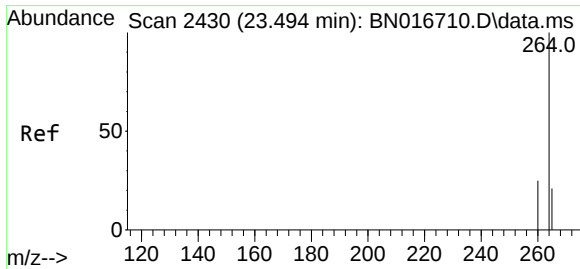
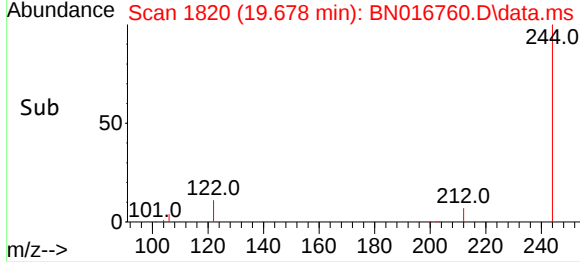
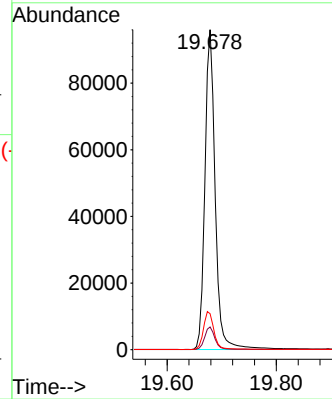
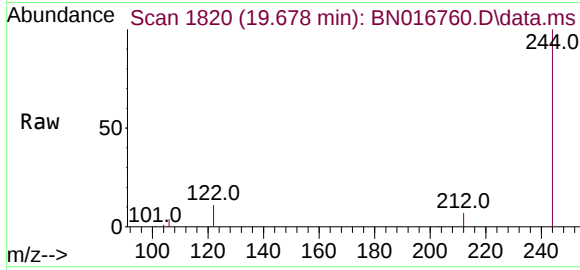




#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Instrument :
BNA_N
ClientSampleId :
PB139585BL

Tgt Ion:244 Resp: 126024
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.3 8.9 13.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.010 min
Lab File: BN016760.D
Acq: 06 Oct 2021 02:40

Tgt Ion:264 Resp: 117403
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 22.8 20.3 30.5

