

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016726.D
 Acq On : 05 Oct 2021 02:13
 Operator : CG/JU
 Sample : PB139589BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139589BL

Quant Time: Oct 05 03:35:35 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)

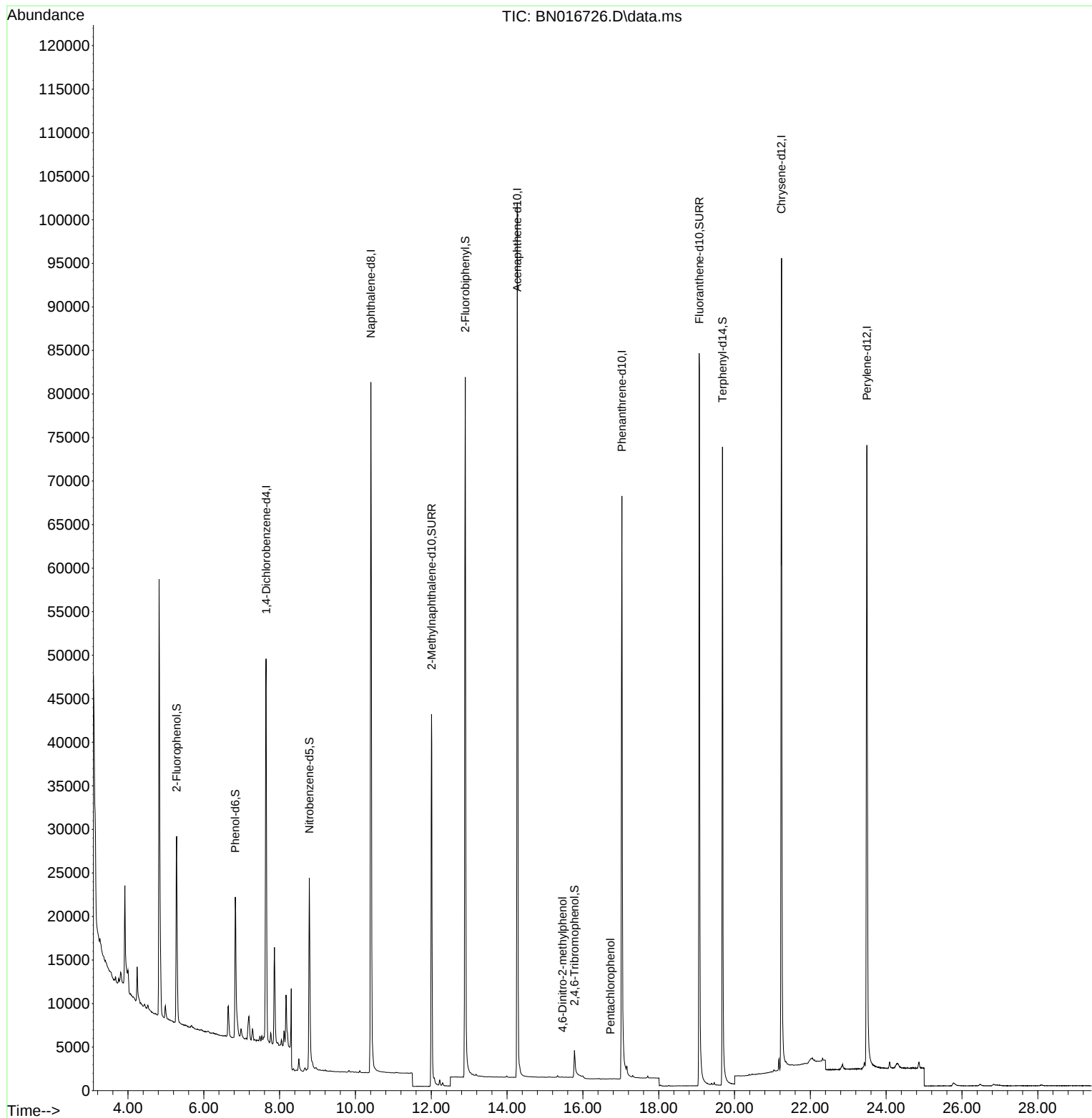
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25992	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	115853	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	60584	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	110337	0.400	ng	0.00
29) Chrysene-d12	21.238	240	99728	0.400	ng	0.00
35) Perylene-d12	23.491	264	103720	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	23040	0.347	ng	0.03
5) Phenol-d6	6.831	99	19950	0.271	ng	0.00
8) Nitrobenzene-d5	8.784	82	22591	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	63858	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	4285	0.239	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	79958	0.330	ng	0.00
27) Fluoranthene-d10	19.073	212	113111	0.375	ng	0.00
31) Terphenyl-d14	19.683	244	86855	0.389	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.461	198	4	0.266	ng	# 1
24) Pentachlorophenol	16.725	266	56	0.340	ng	# 44

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

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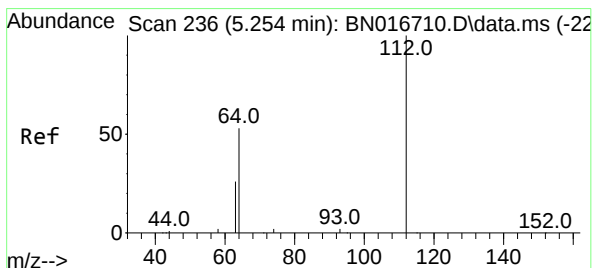
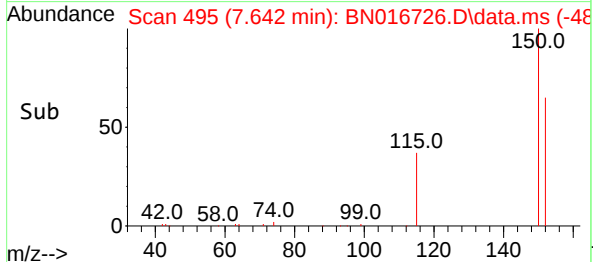
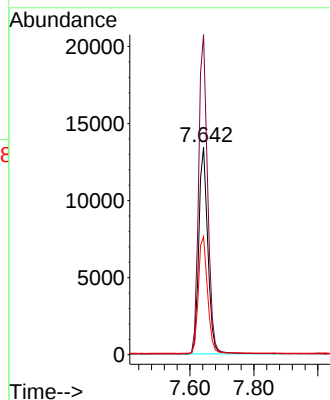
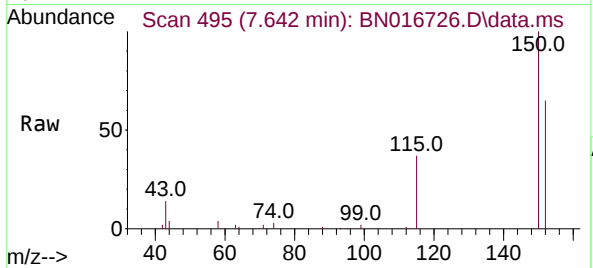




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

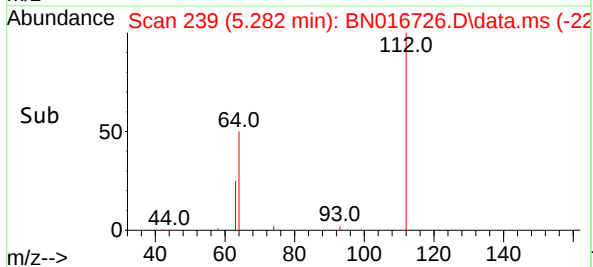
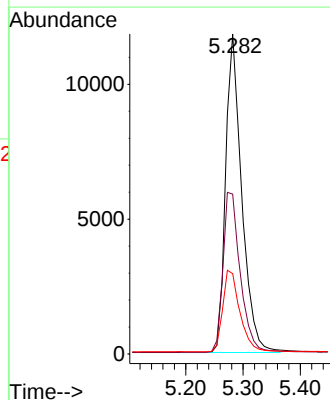
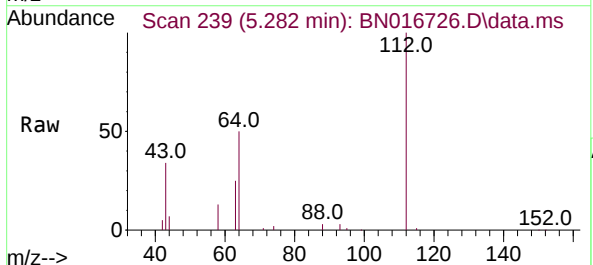
Instrument :
BNA_N
ClientSampleId :
PB139589BL

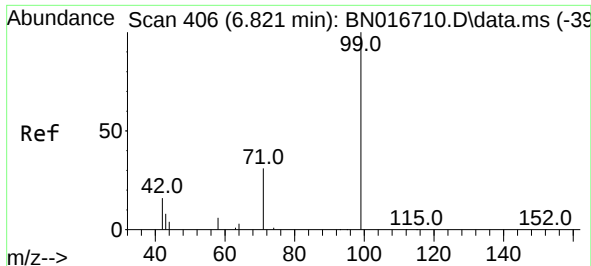
Tgt Ion:152 Resp: 25992
Ion Ratio Lower Upper
152 100
150 154.3 123.3 184.9
115 57.0 47.0 70.6



#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:112 Resp: 23040
Ion Ratio Lower Upper
112 100
64 54.0 42.9 64.3
63 27.2 21.5 32.3

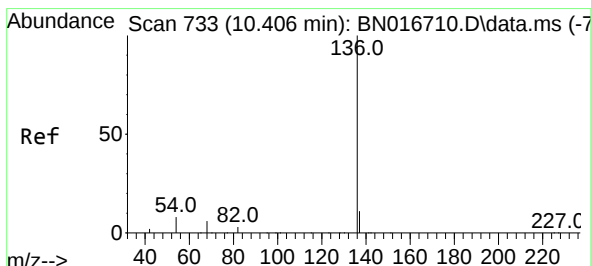
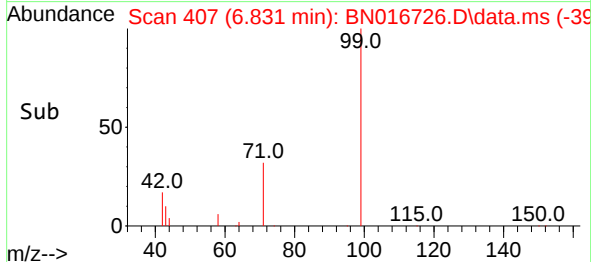
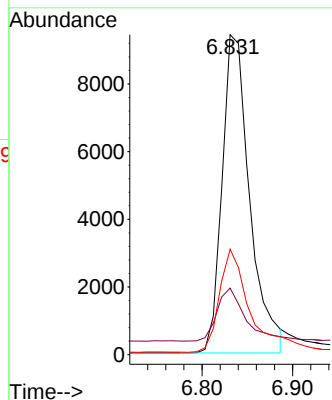
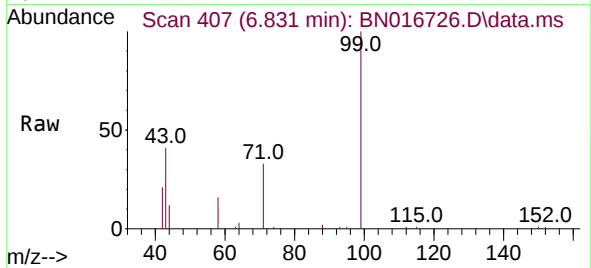




#5
Phenol-d6
Concen: 0.271 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

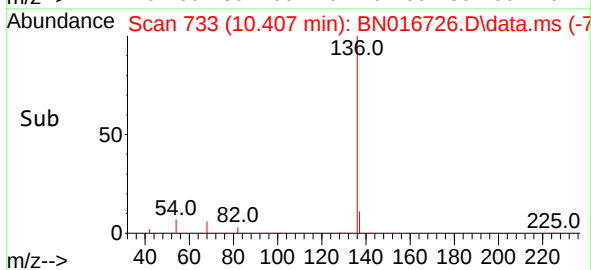
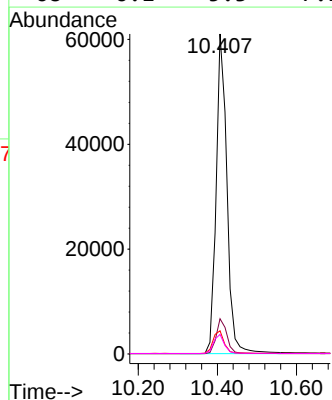
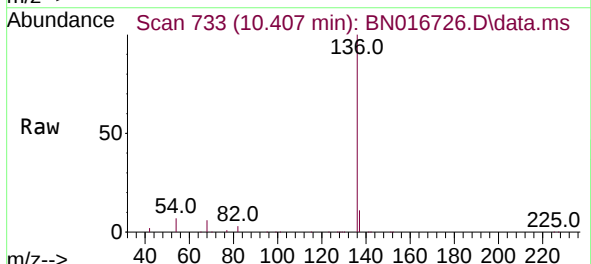
Instrument :
BNA_N
ClientSampleId :
PB139589BL

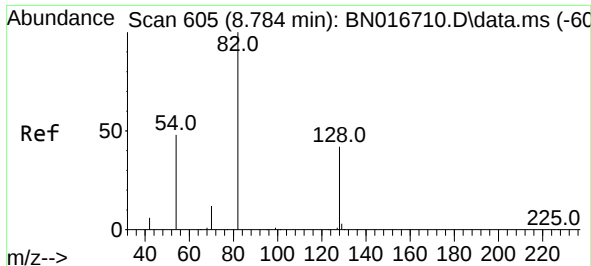
Tgt Ion: 99 Resp: 19950
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 33.9 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion: 136 Resp: 115853
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.5 9.7
68 6.1 5.3 7.9

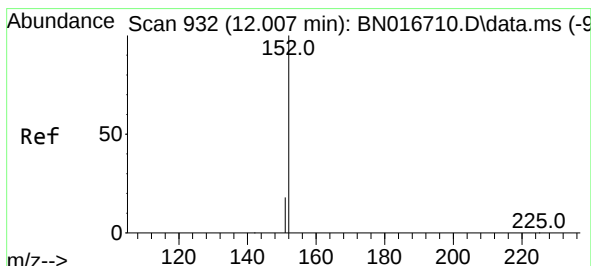
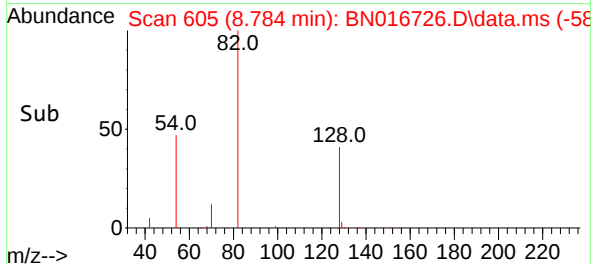
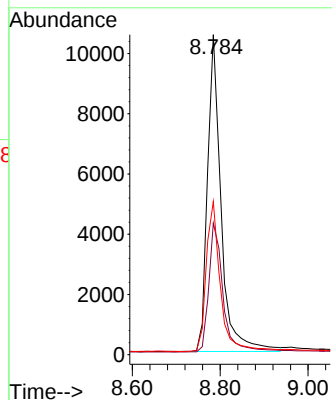
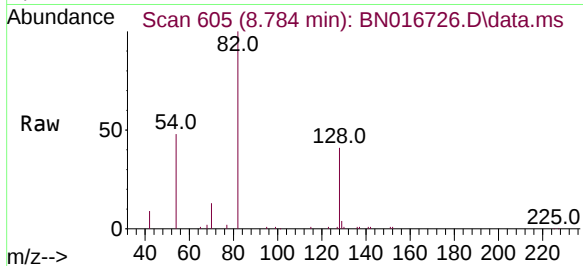




#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

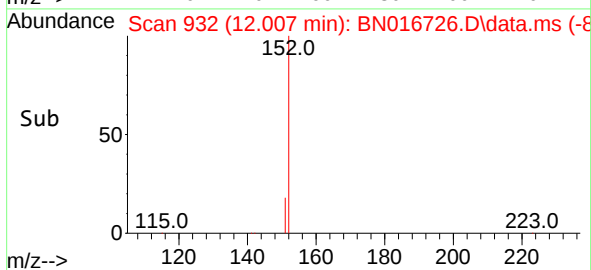
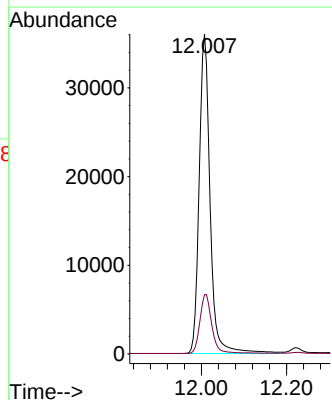
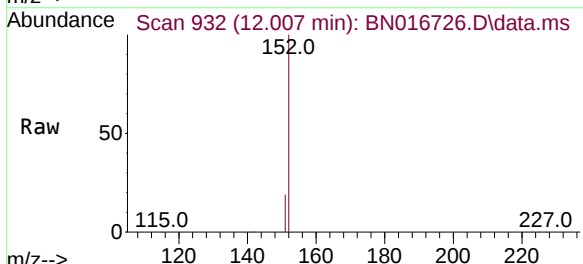
Instrument :
BNA_N
ClientSampleId :
PB139589BL

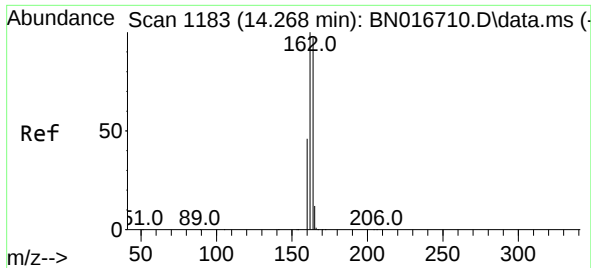
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.8	50.6
54	47.9	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

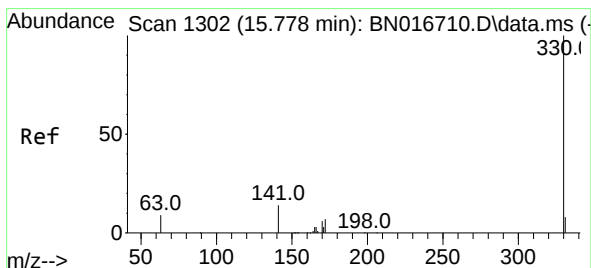
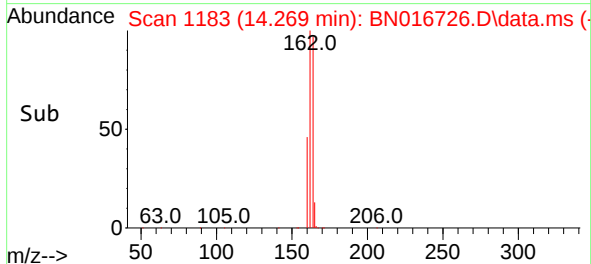
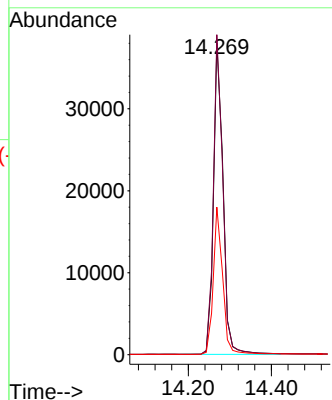
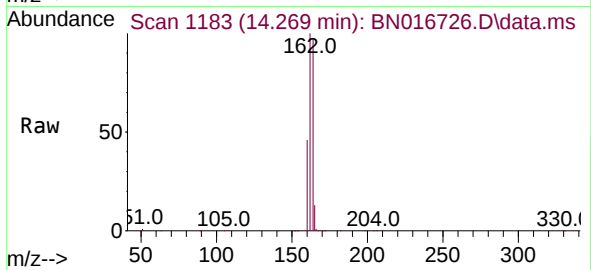




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

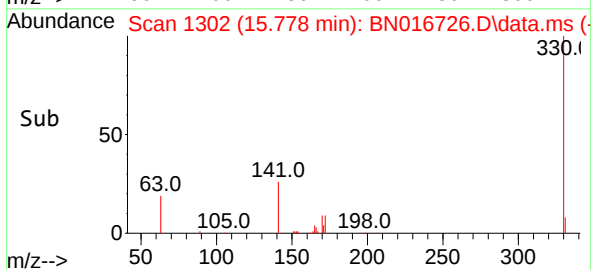
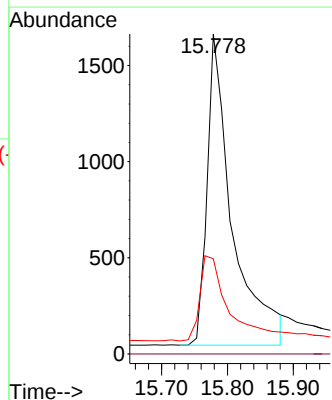
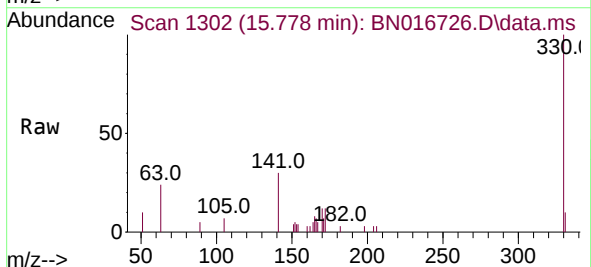
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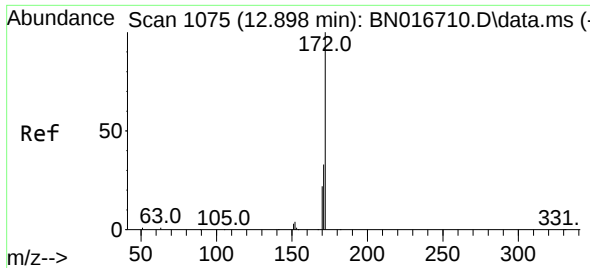
Tgt Ion:164 Resp: 60584
Ion Ratio Lower Upper
164 100
162 102.7 82.6 124.0
160 47.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:330 Resp: 4285
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.4 24.2 36.2

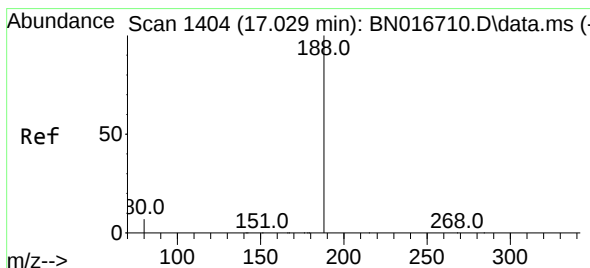
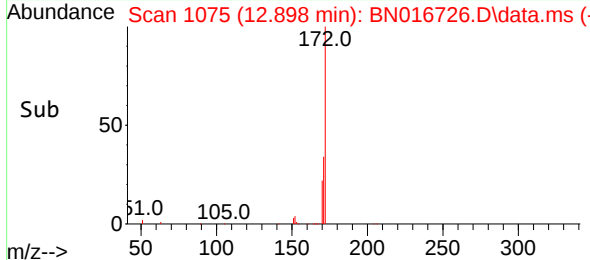
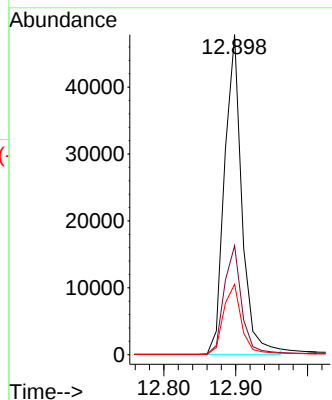
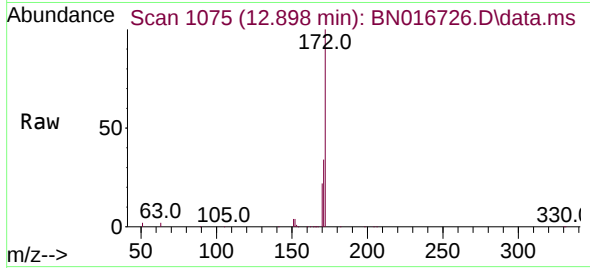




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

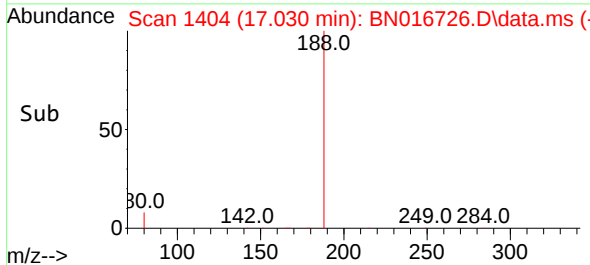
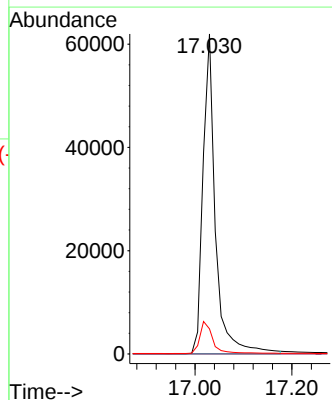
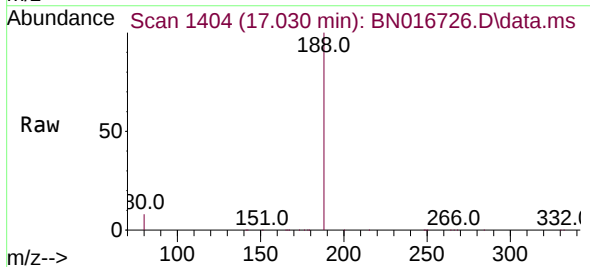
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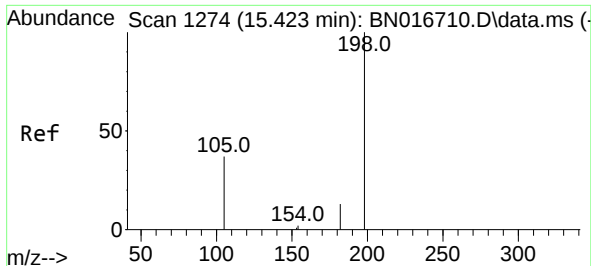
Tgt Ion:	172	Resp:	79958
Ion Ratio	Lower	Upper	
172	100		
171	34.0	26.9	40.3
170	22.0	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:	188	Resp:	110337
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	5.8	8.8

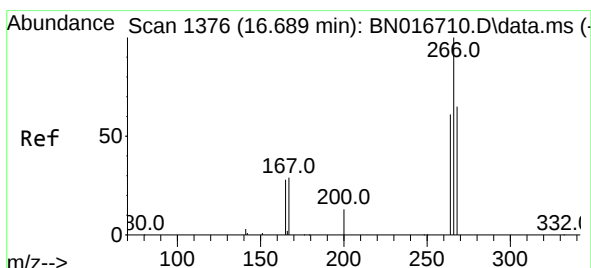
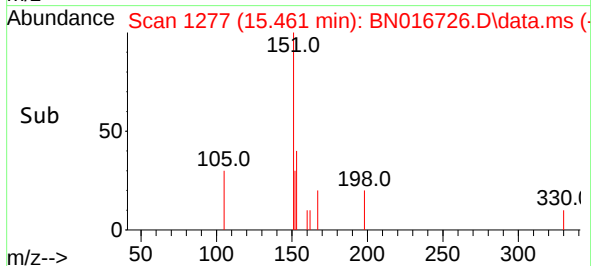
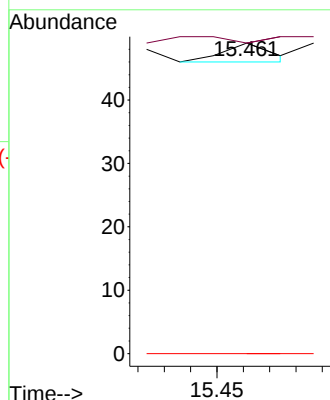
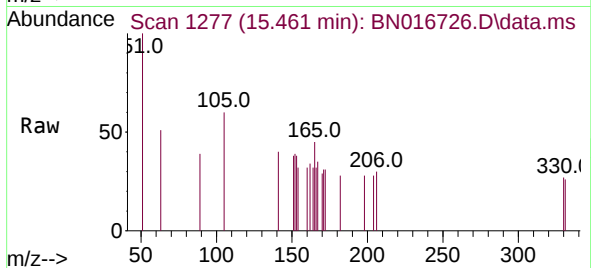




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

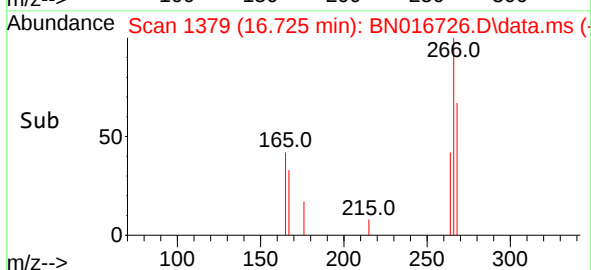
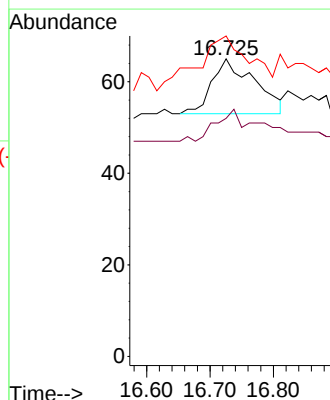
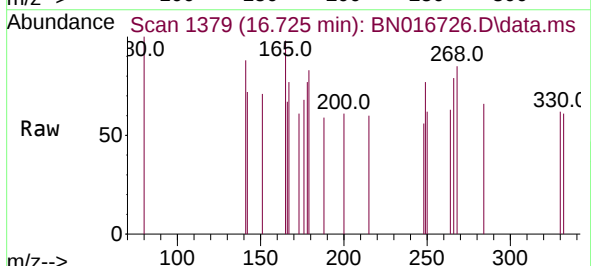
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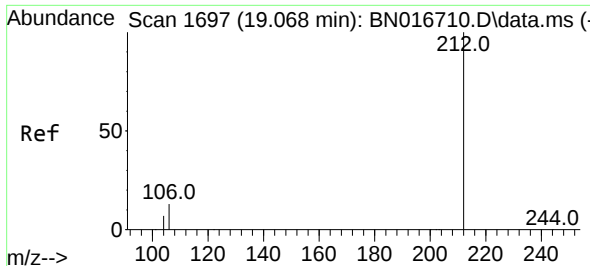
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 100.0 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.725 min Scan# 1379
Delta R.T. 0.036 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
264 37.5 49.3 73.9#
268 126.8 51.8 77.8#

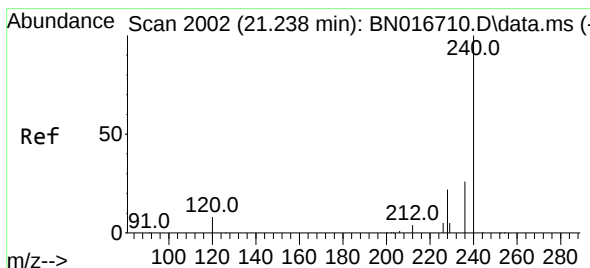
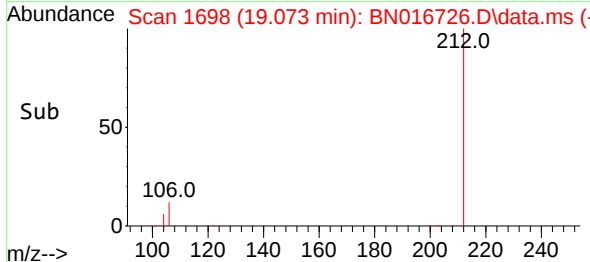
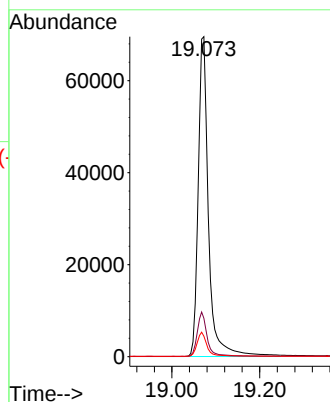
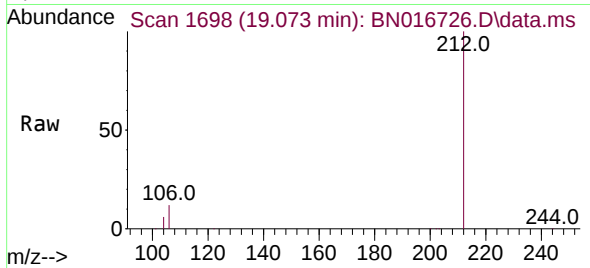




#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

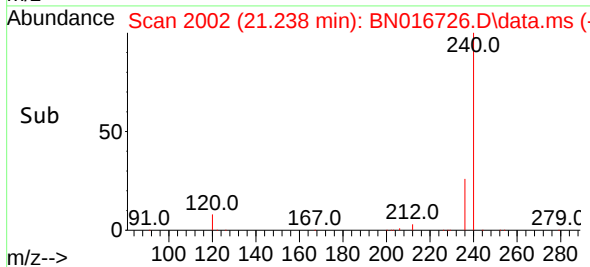
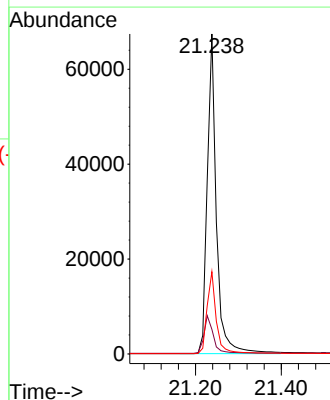
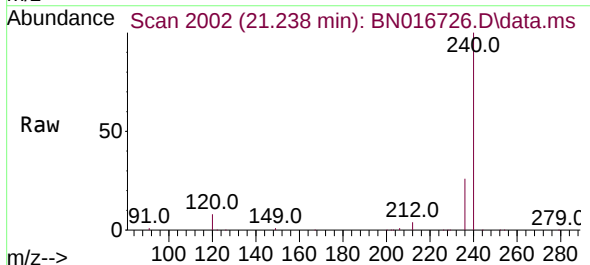
Instrument :
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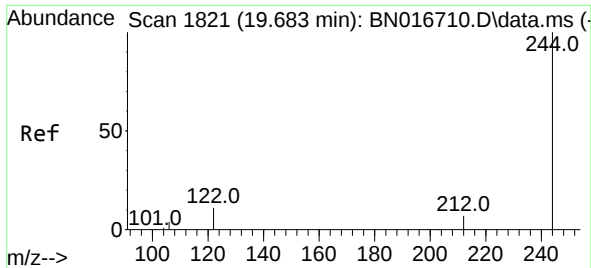
Tgt Ion:212 Resp: 113111
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:240 Resp: 99728
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 20.7 31.1

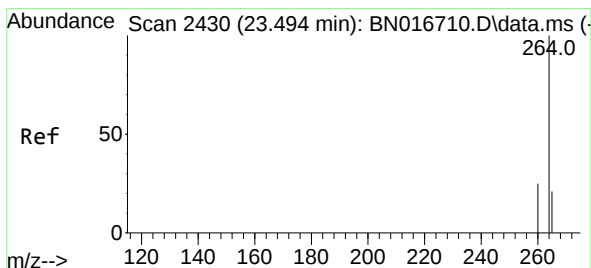
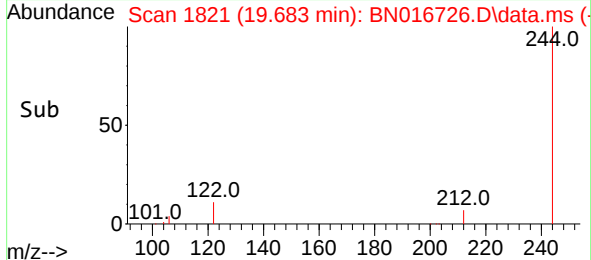
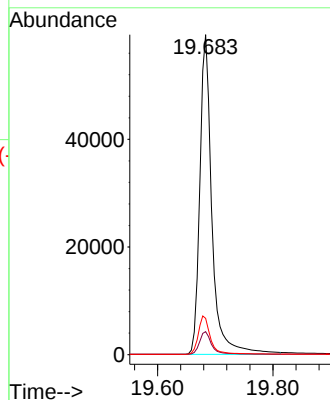
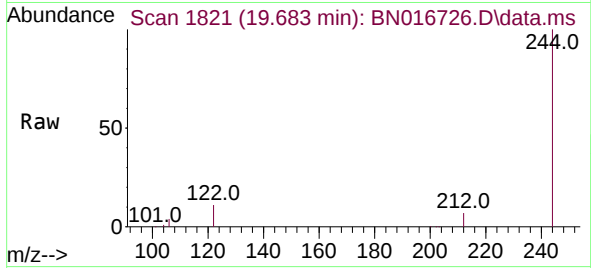




#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Instrument :
BNA_N
ClientSampleId :
PB139589BL

Tgt Ion:244 Resp: 86855
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.3 8.9 13.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016726.D
Acq: 05 Oct 2021 02:13

Tgt Ion:264 Resp: 103720
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 24.0 20.3 30.5

