

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016798.D
 Acq On : 07 Oct 2021 03:08
 Operator : CG/JU
 Sample : PB139541BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 07 04:11:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

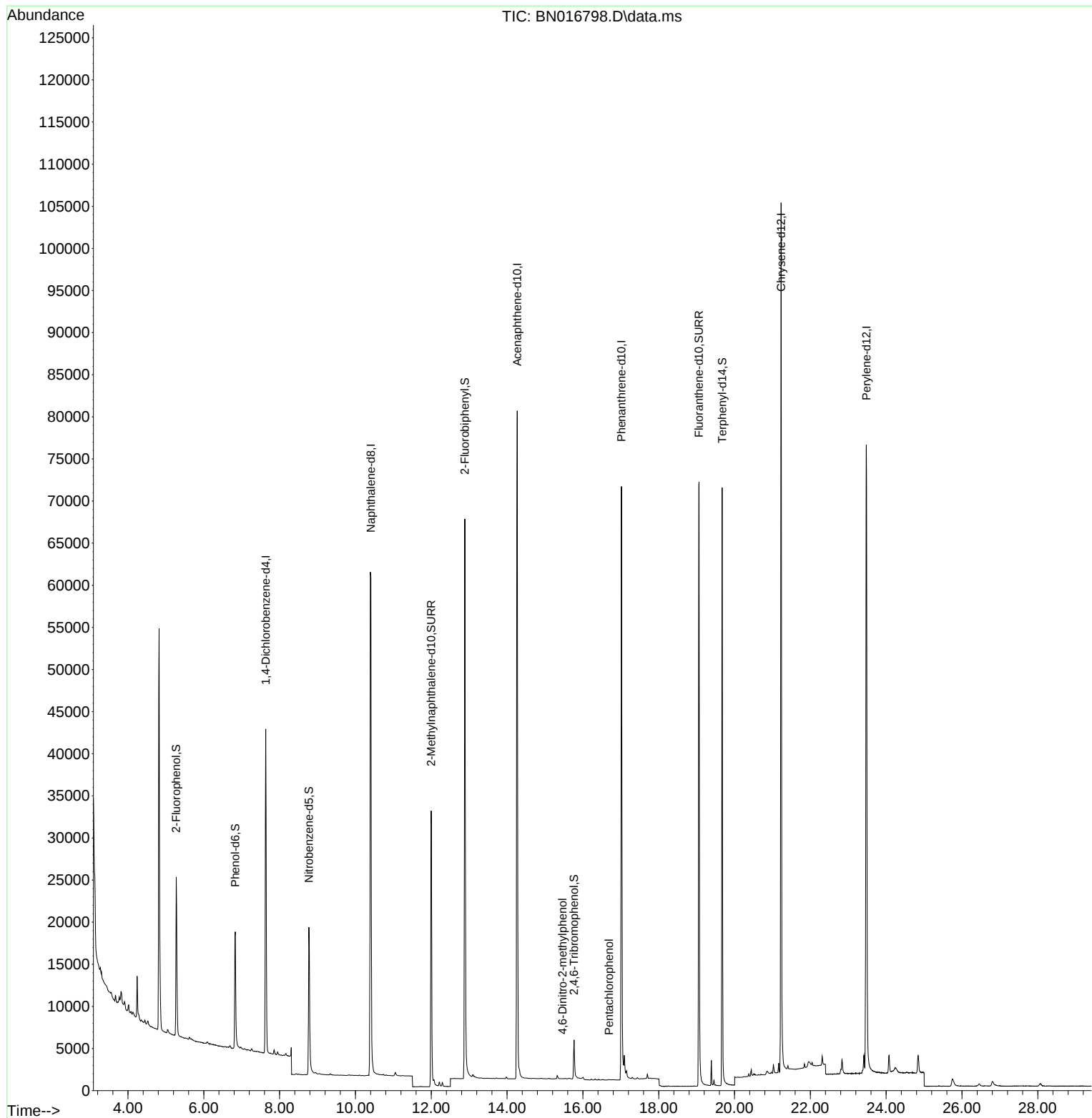
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20989	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	96959	0.400	ng	# 0.00
13) Acenaphthene-d10	14.268	164	52204	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	98447	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	96984	0.400	ng	0.00
35) Perylene-d12	23.477	264	104674	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	17676	0.330	ng	0.03
5) Phenol-d6	6.831	99	16688	0.281	ng	0.02
8) Nitrobenzene-d5	8.771	82	17979	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	48869	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	4813	0.277	ng	0.00
15) 2-Fluorobiphenyl	12.885	172	61496	0.295	ng	0.00
27) Fluoranthene-d10	19.063	212	90142	0.335	ng	0.00
31) Terphenyl-d14	19.673	244	74777	0.345	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.461	198	11	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	60	0.340	ng	# 84

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

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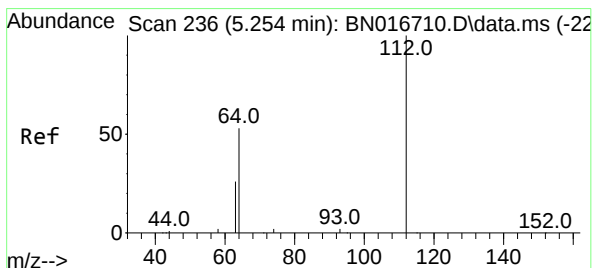
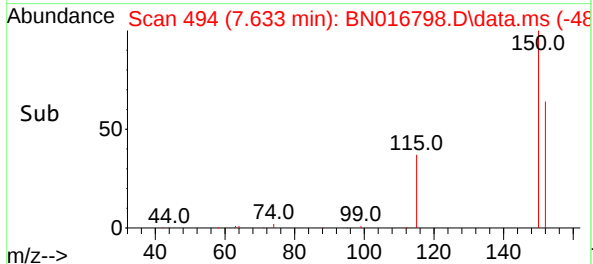
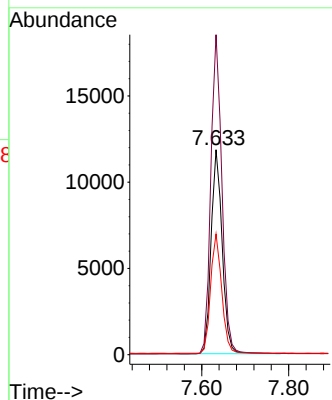
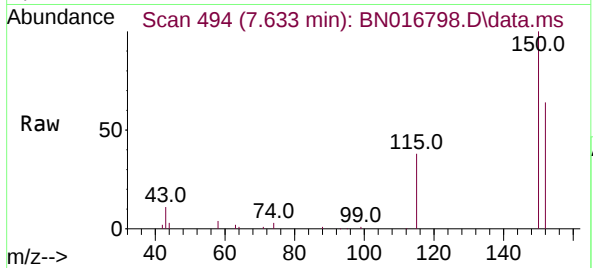




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

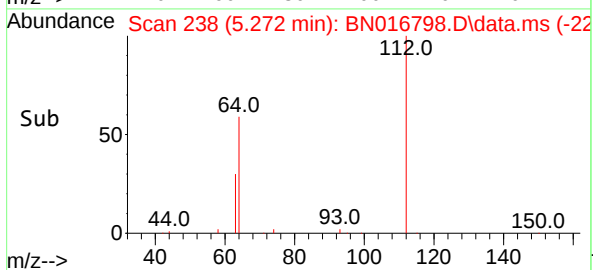
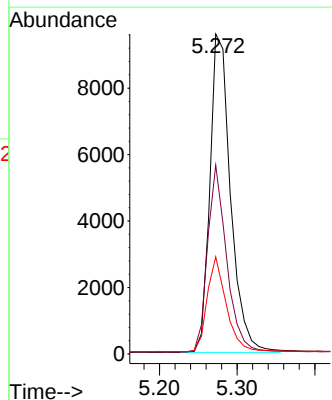
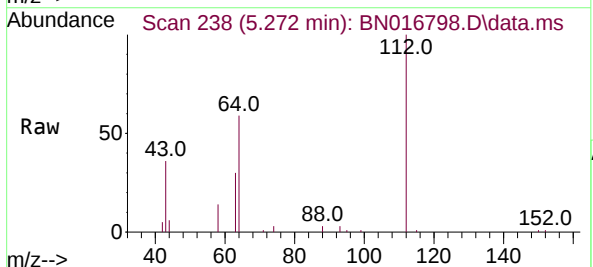
Instrument :
BNA_N
ClientSampleId :

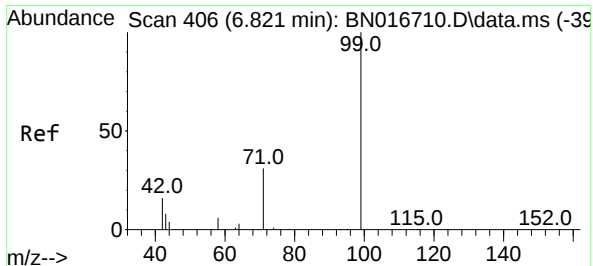
Tgt Ion:152 Resp: 20989
Ion Ratio Lower Upper
152 100
150 156.1 123.3 184.9
115 58.9 47.0 70.6



#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.027 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion:112 Resp: 17676
Ion Ratio Lower Upper
112 100
64 54.4 42.9 64.3
63 27.4 21.5 32.3

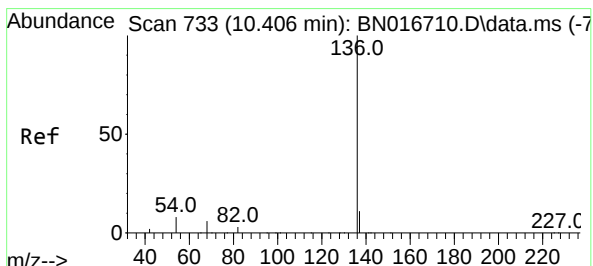
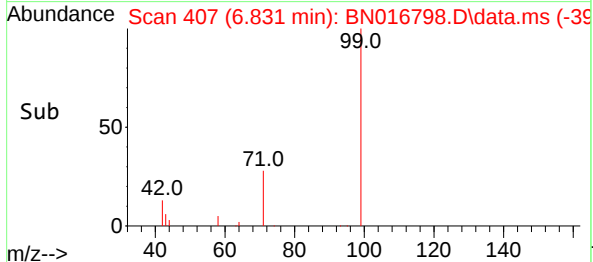
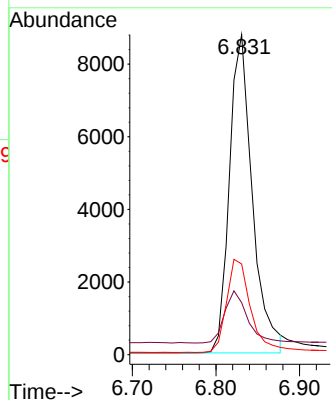
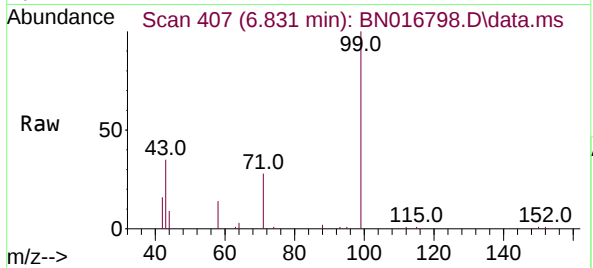




#5
Phenol-d6
Concen: 0.281 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.018 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

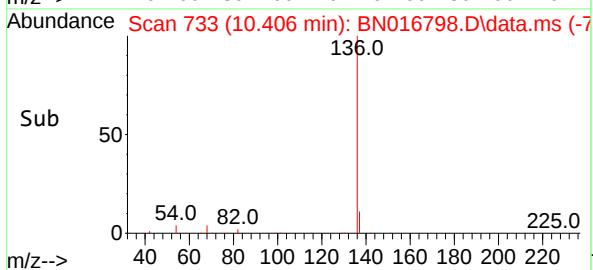
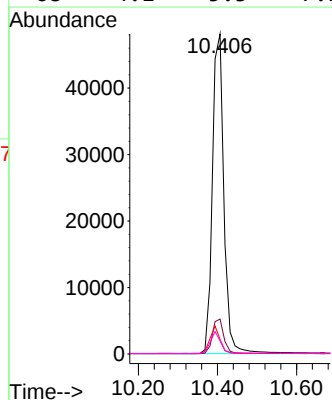
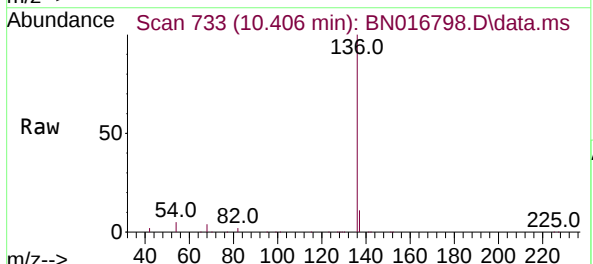
Instrument :
BNA_N
ClientSampled :

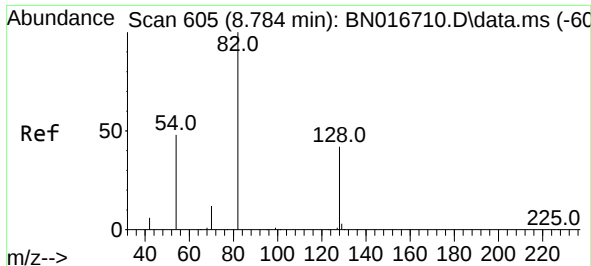
Tgt Ion: 99 Resp: 16688
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 30.5 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion: 136 Resp: 96959
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 4.5 6.5 9.7#
68 4.1 5.3 7.9#

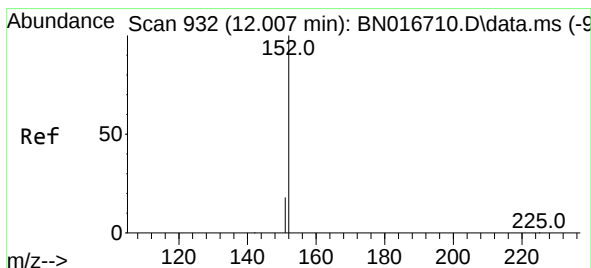
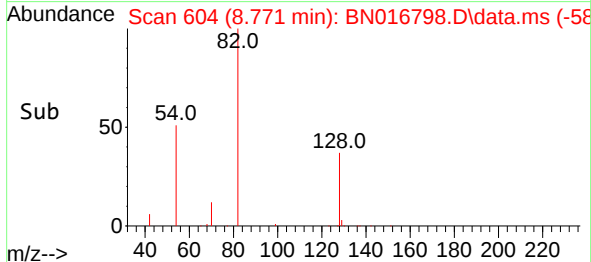
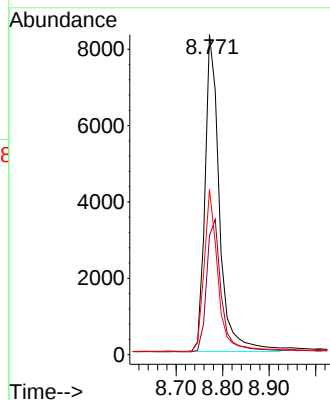
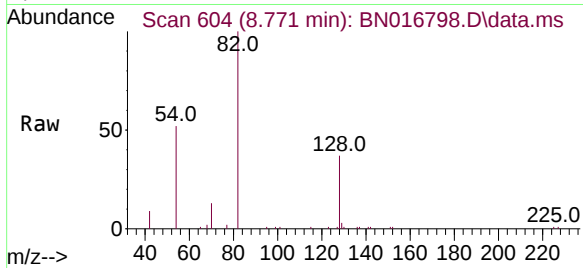




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

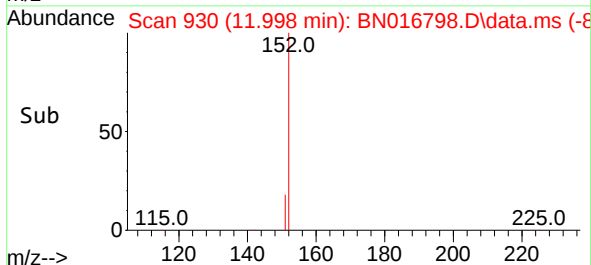
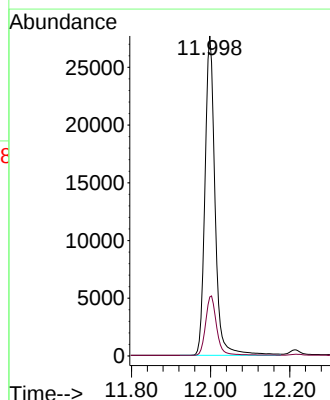
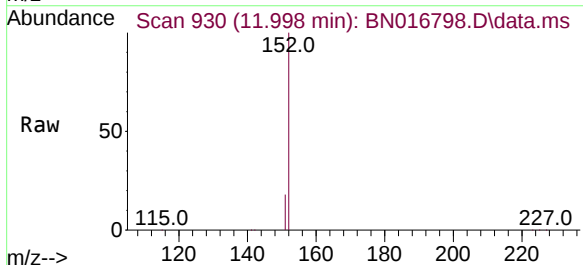
Instrument :
BNA_N
ClientSampleId :

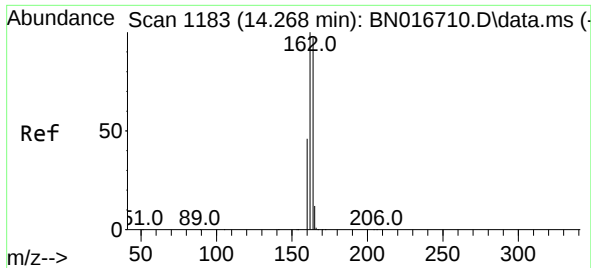
Tgt Ion: 82 Resp: 17979
Ion Ratio Lower Upper
82 100
128 37.1 33.8 50.6
54 51.6 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion: 152 Resp: 48869
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

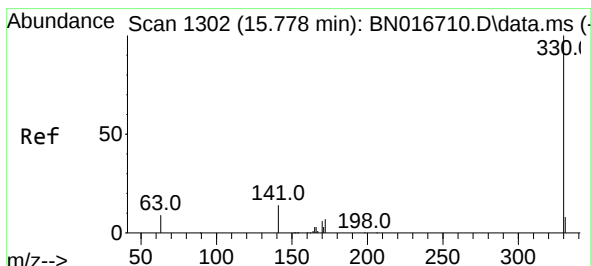
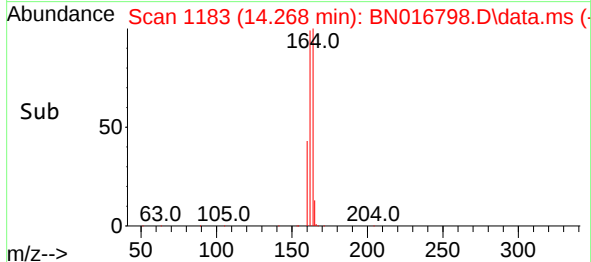
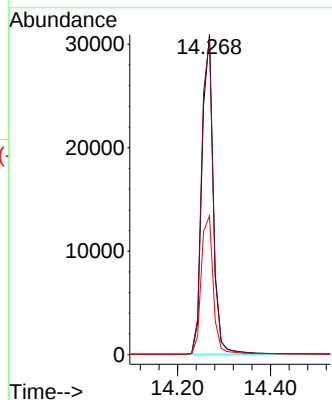
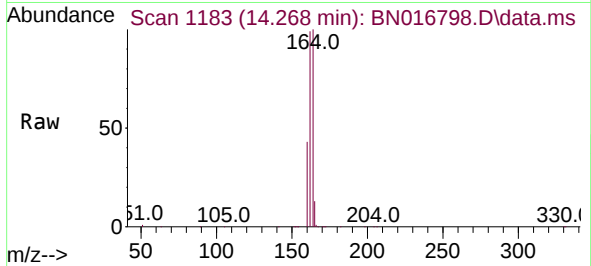




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

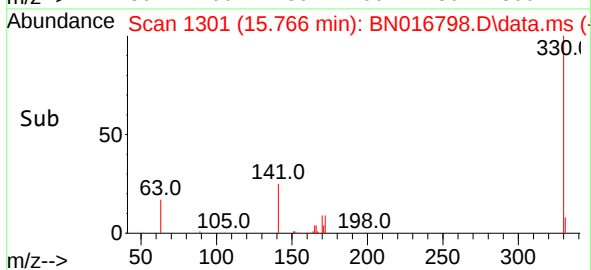
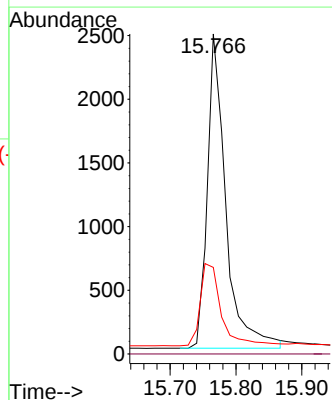
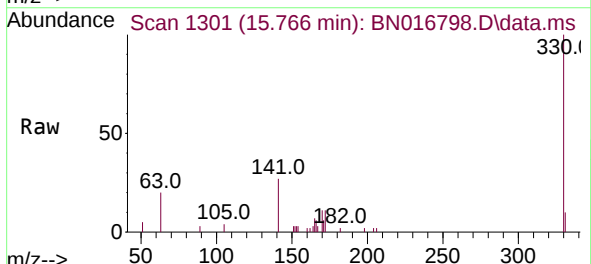
Instrument :
BNA_N
ClientSampleId :

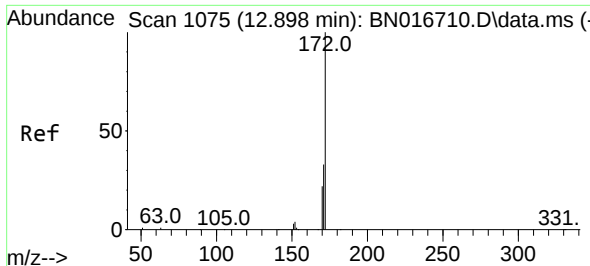
Tgt Ion:164 Resp: 52204
Ion Ratio Lower Upper
164 100
162 98.9 82.6 124.0
160 43.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion:330 Resp: 4813
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.9 24.2 36.2

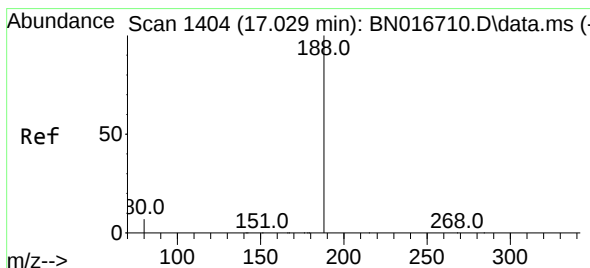
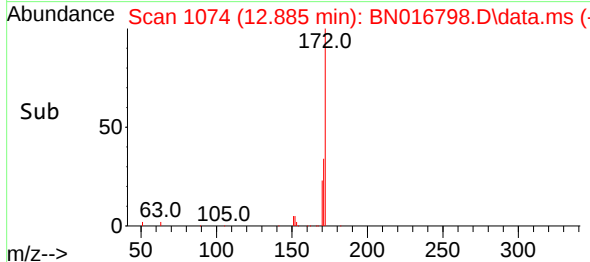
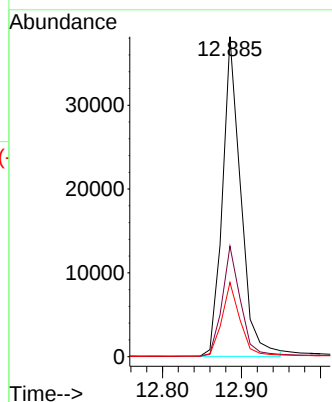
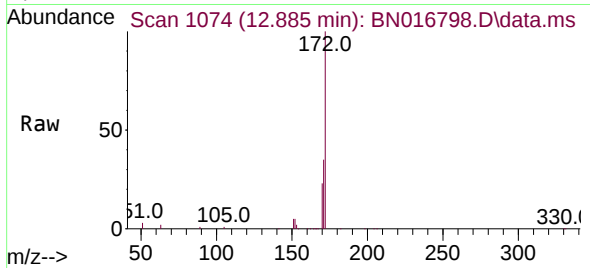




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.885 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

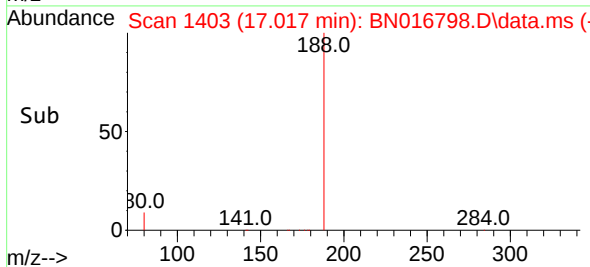
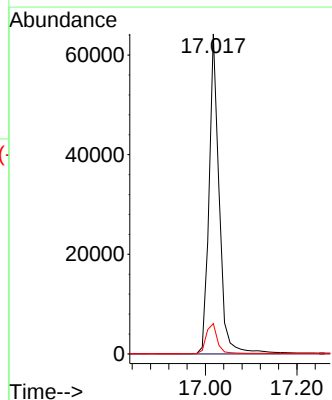
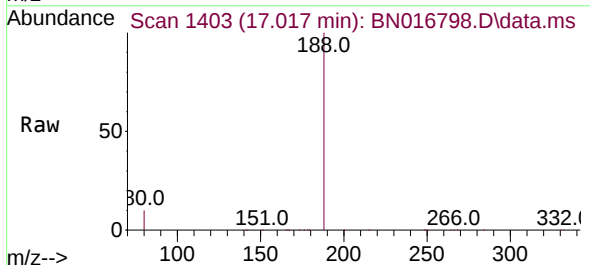
Instrument :
BNA_N
ClientSampleId :

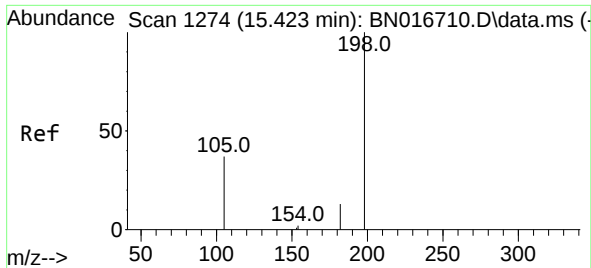
Tgt Ion:172	Resp:	61496
Ion Ratio	Lower	Upper
172	100	
171	34.6	26.9 40.3
170	23.2	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion:188	Resp:	98447
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.5	5.8 8.8#

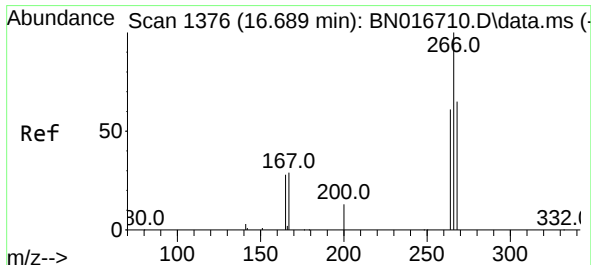
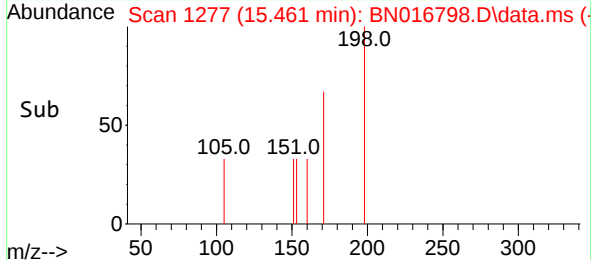
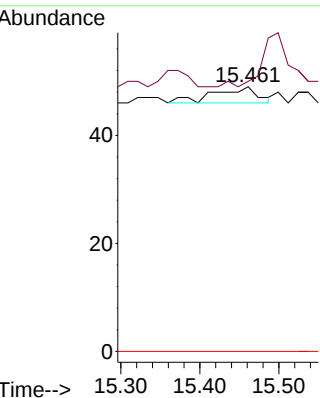
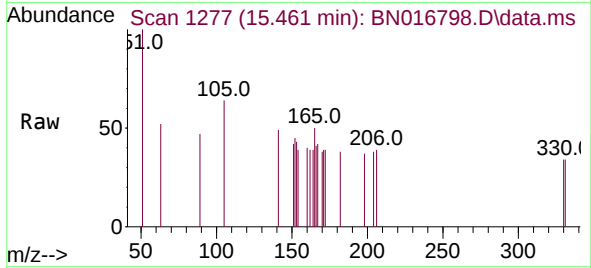




#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.051 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

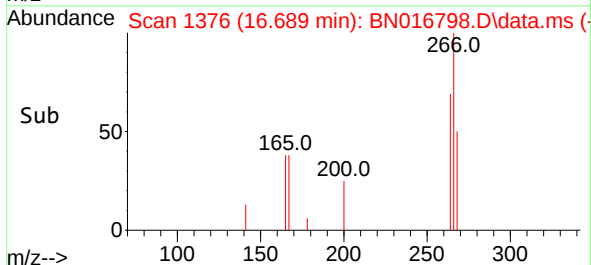
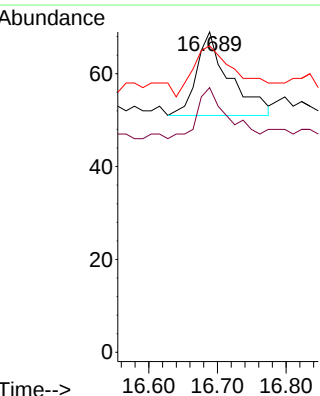
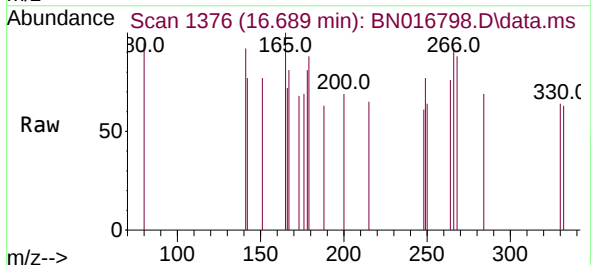
Instrument :
BNA_N
ClientSampled :

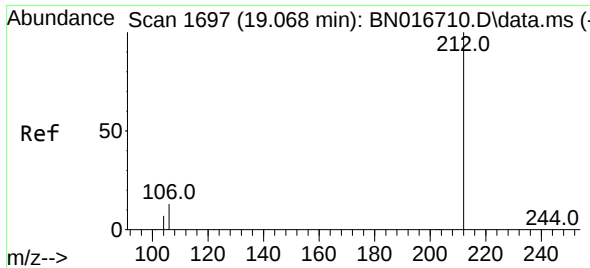
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 102.0 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.012 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

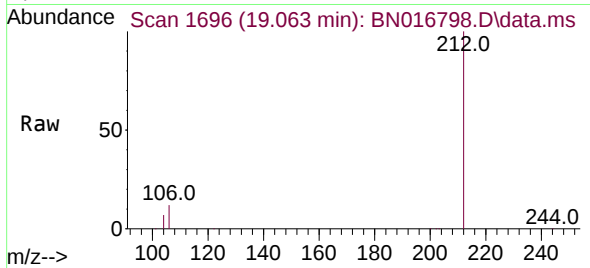
Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
264 56.7 49.3 73.9
268 85.0 51.8 77.8#



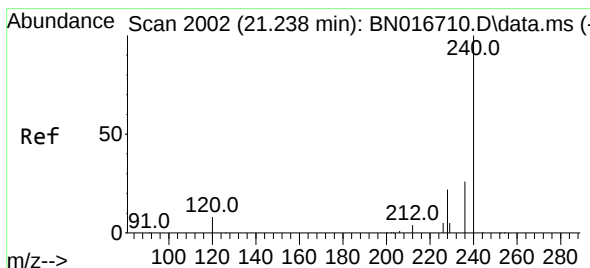
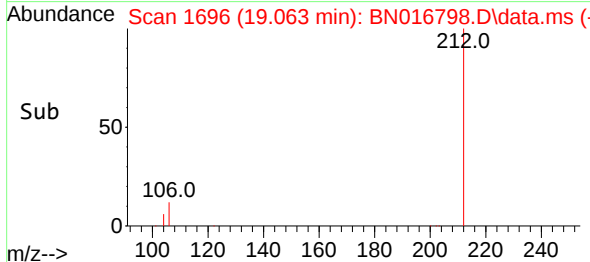
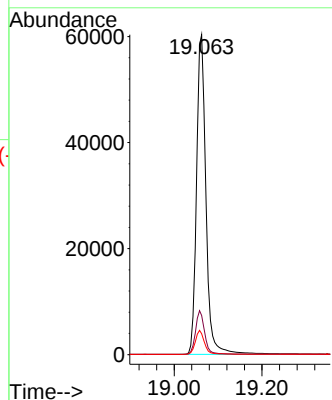


#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Instrument :
BNA_N
ClientSampled :

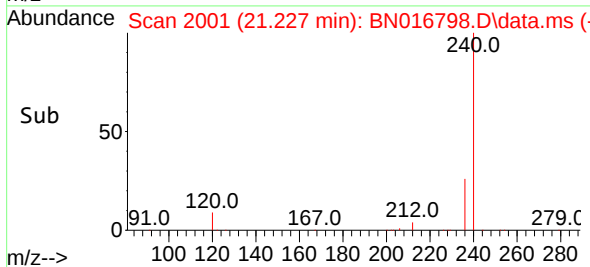
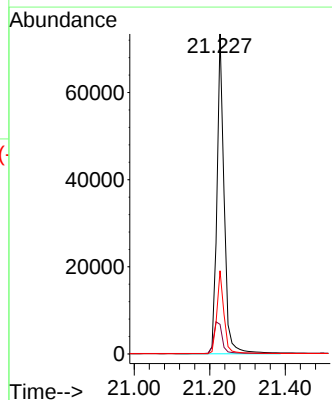
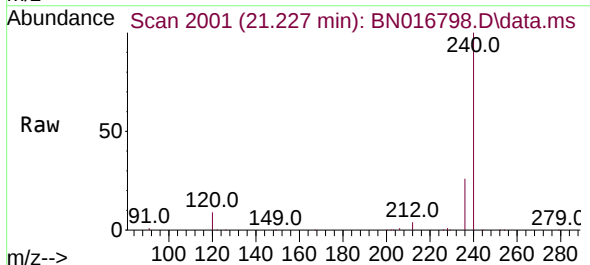


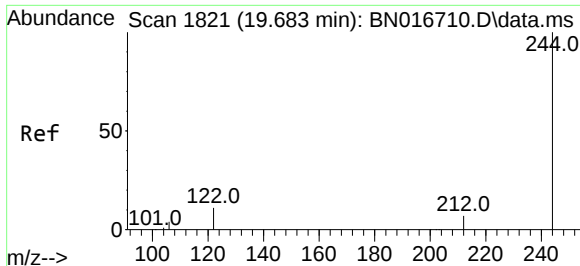
Tgt Ion:212 Resp: 90142
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016798.D
Acq: 07 Oct 2021 03:08

Tgt Ion:240 Resp: 96984
Ion Ratio Lower Upper
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120 9.2 6.6 10.0
236 26.0 20.7 31.1

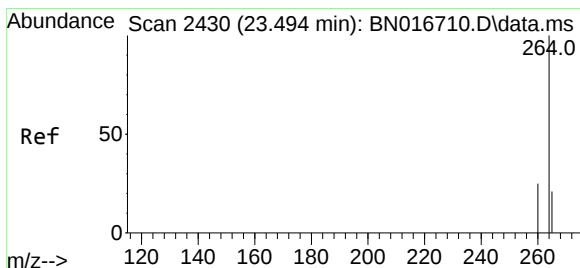
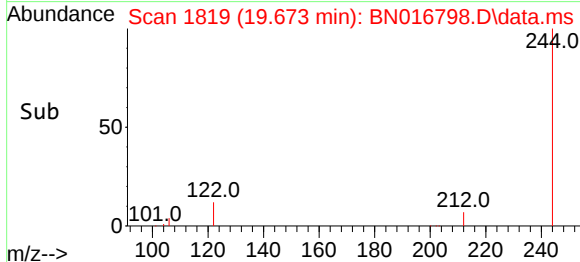
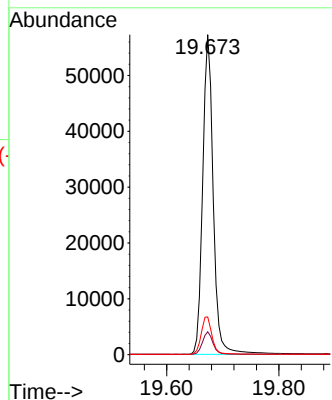
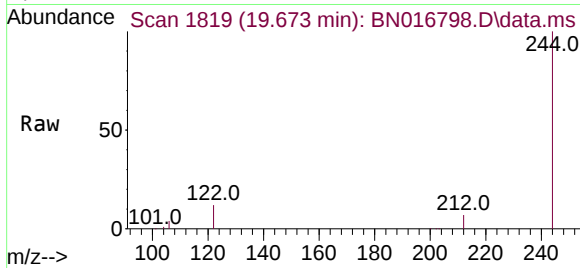




#31
 Terphenyl-d14
 Concen: 0.345 ng
 RT: 19.673 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BN016798.D
 Acq: 07 Oct 2021 03:08

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:244 Resp: 74777
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.8 8.9 13.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.477 min Scan# 2425
 Delta R.T. -0.004 min
 Lab File: BN016798.D
 Acq: 07 Oct 2021 03:08

Tgt Ion:264 Resp: 104674
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 23.6 20.3 30.5

