

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019087.D
 Acq On : 23 Mar 2022 12:15
 Operator : CG/JU
 Sample : SP5848
 Misc : 8270 SIM SURROGATE
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5848

Quant Time: Mar 23 16:45:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

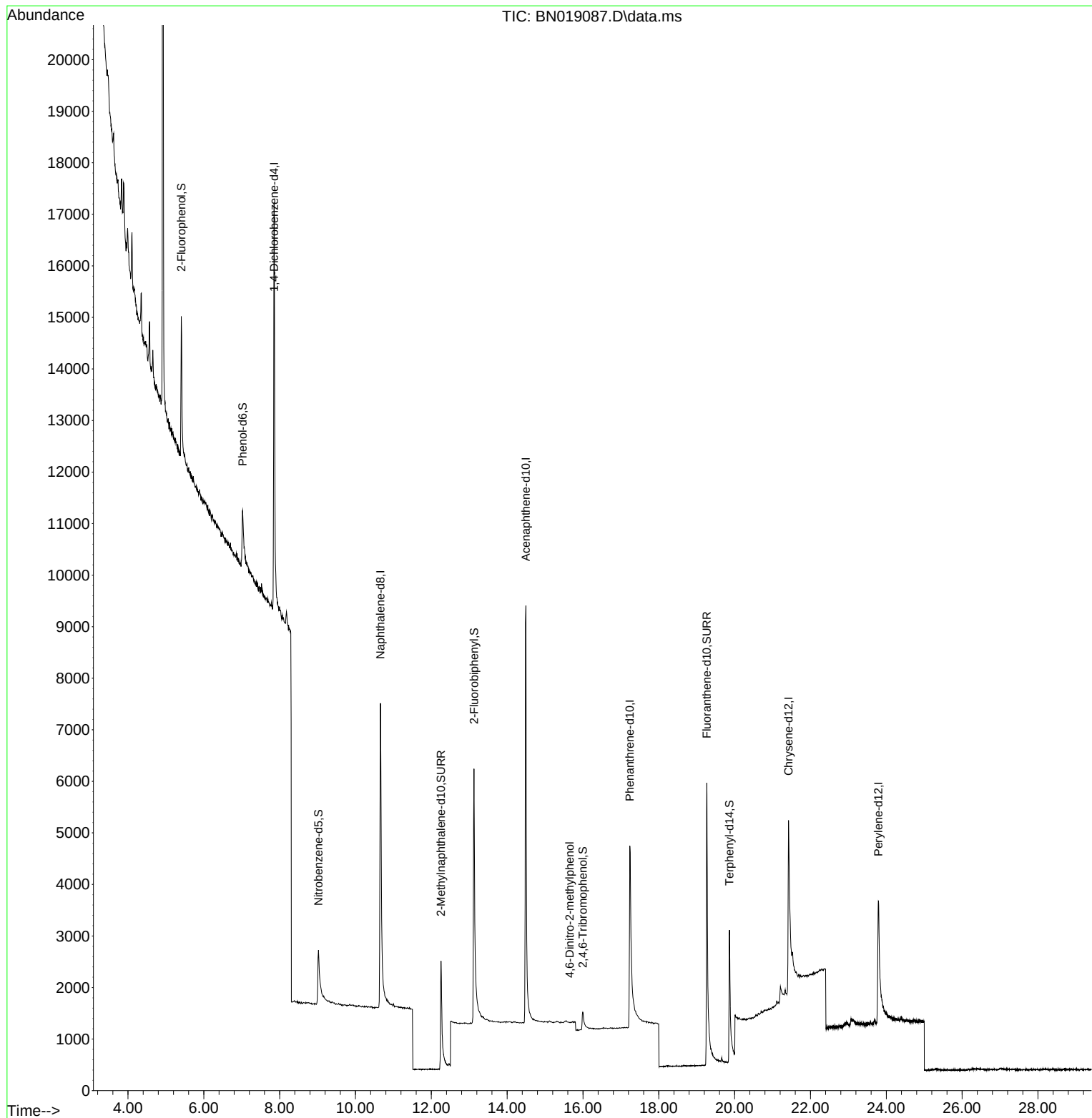
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5012	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12041	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	6572	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	11287	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8083	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	6406	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2692	0.240	ng	0.00
5) Phenol-d6	7.024	99	1815	0.154	ng	0.01
8) Nitrobenzene-d5	9.025	82	2060	0.237	ng	0.01
11) 2-Methylnaphthalene-d10	12.257	152	5208	0.261	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	435	0.137	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	6960	0.264	ng	0.00
27) Fluoranthene-d10	19.265	212	10949	0.327	ng	0.00
31) Terphenyl-d14	19.864	244	5676	0.286	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.650	198	2	0.110	ng	# 1

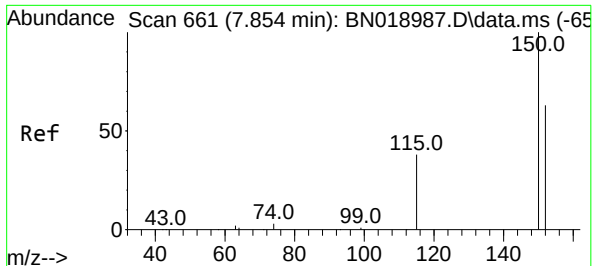
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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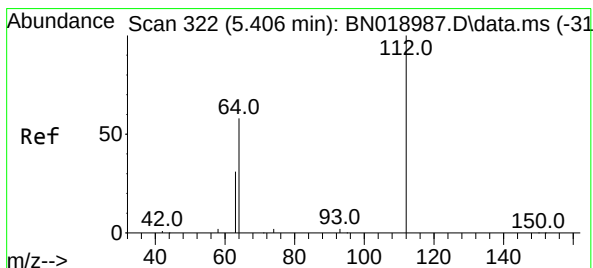
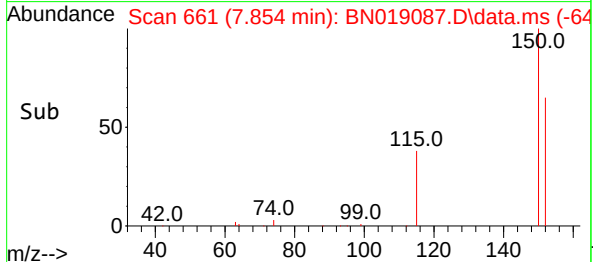
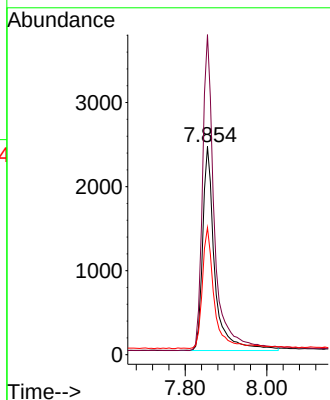
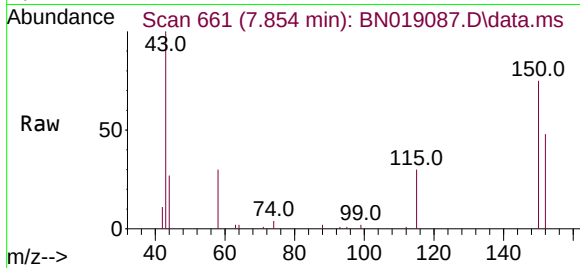




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

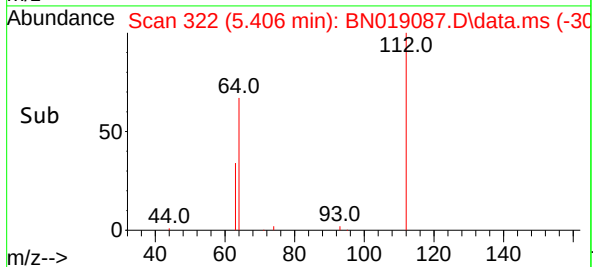
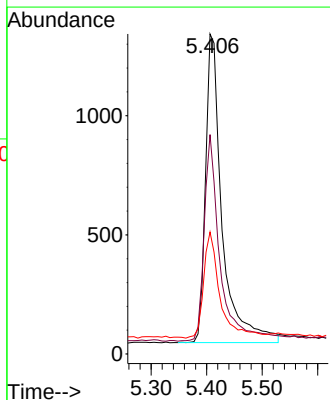
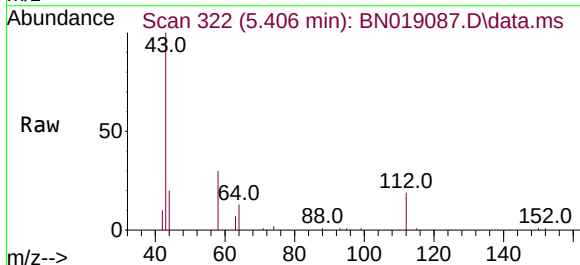
Instrument :
BNA_N
ClientSampleId :
SP5848

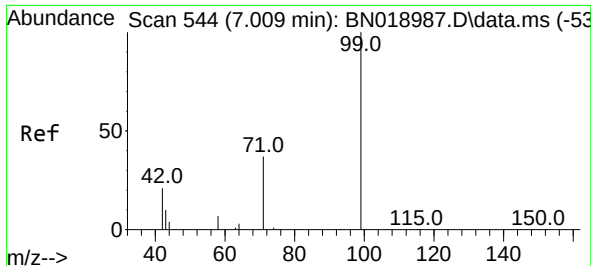
Tgt Ion:152 Resp: 5012
Ion Ratio Lower Upper
152 100
150 153.7 123.9 185.9
115 61.0 48.2 72.4



#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion:112 Resp: 2692
Ion Ratio Lower Upper
112 100
64 63.9 47.8 71.8
63 34.0 25.7 38.5

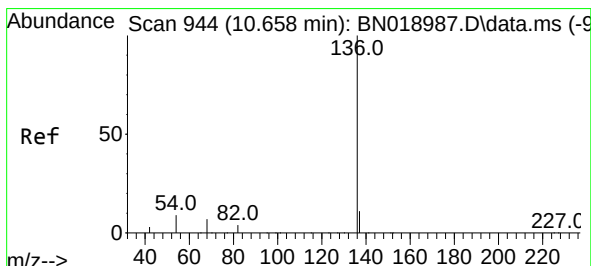
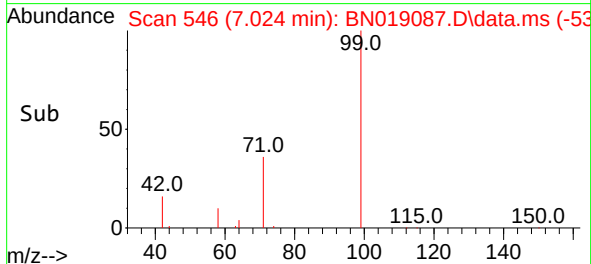
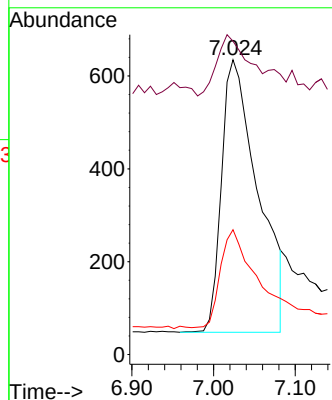
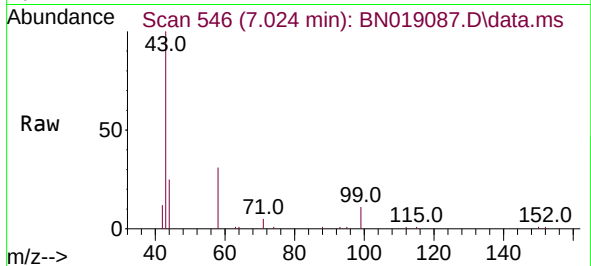




#5
Phenol-d6
Concen: 0.154 ng
RT: 7.024 min Scan# 544
Delta R.T. 0.014 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

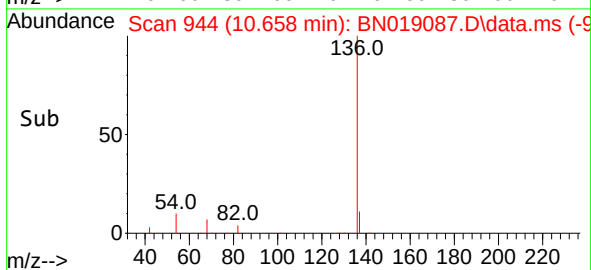
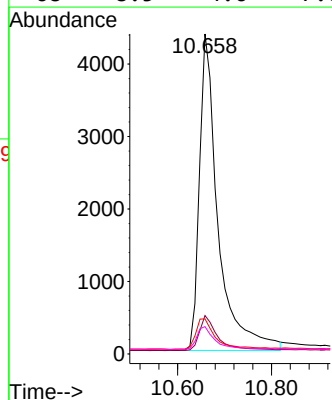
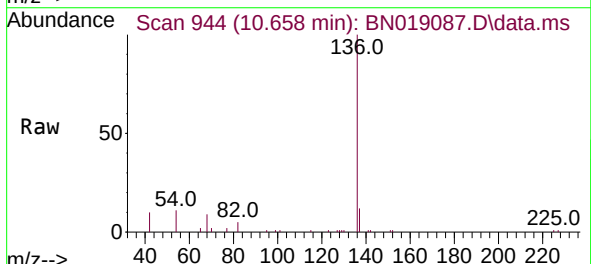
Instrument :
BNA_N
ClientSampleId :
SP5848

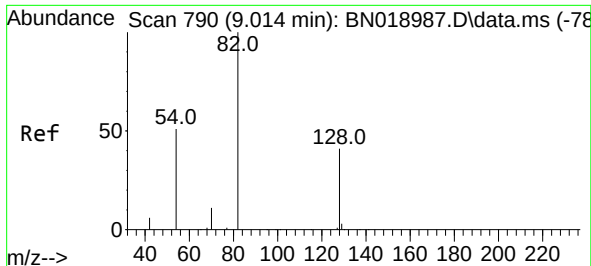
Tgt Ion: 99 Resp: 1815
Ion Ratio Lower Upper
99 100
42 23.3 16.2 24.4
71 35.0 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion: 136 Resp: 12041
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.4
54 11.0 5.8 8.6#
68 8.5 4.6 7.0#

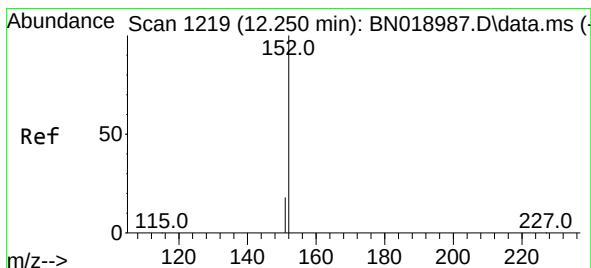
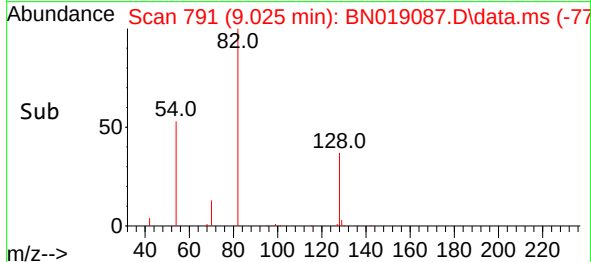
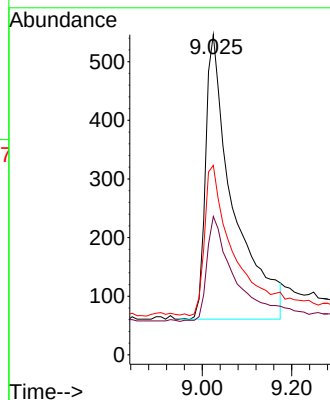
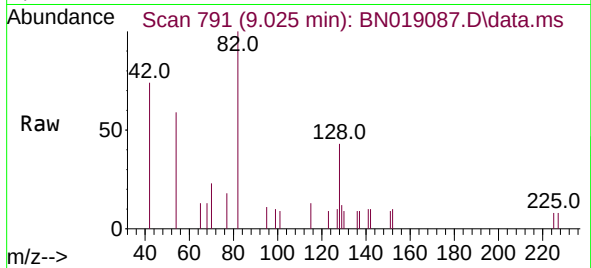




#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

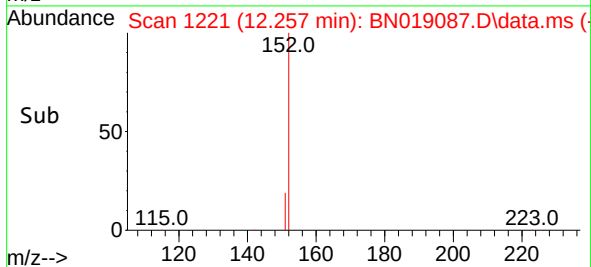
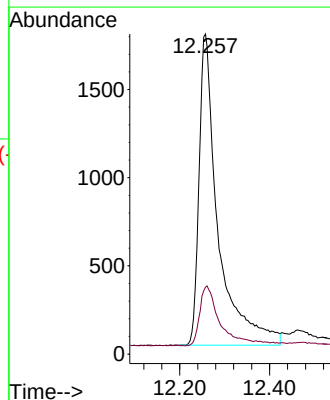
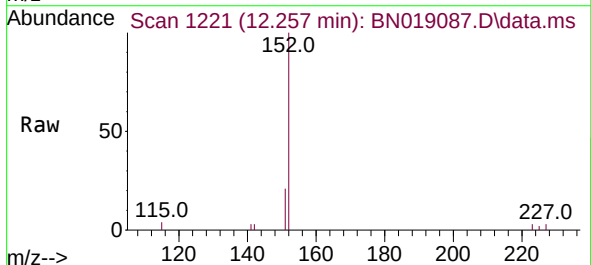
Instrument :
BNA_N
ClientSampleId :
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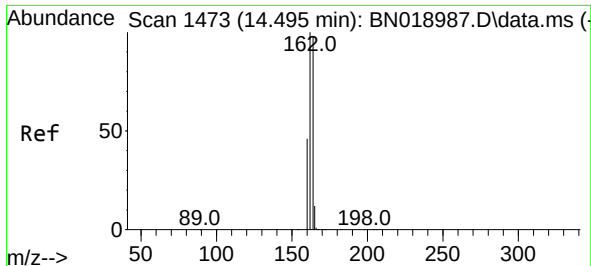
Tgt Ion: 82 Resp: 2060
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.6
54 59.2 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.008 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion: 152 Resp: 5208
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7

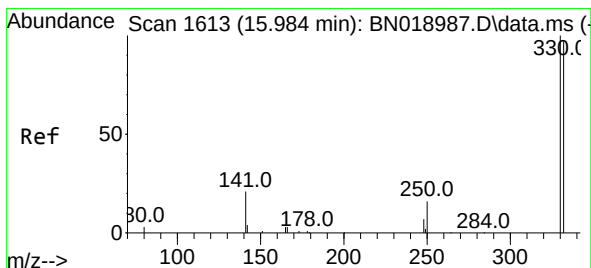
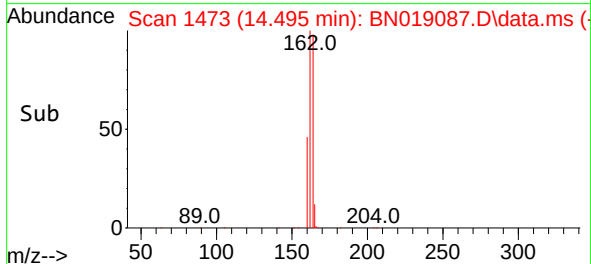
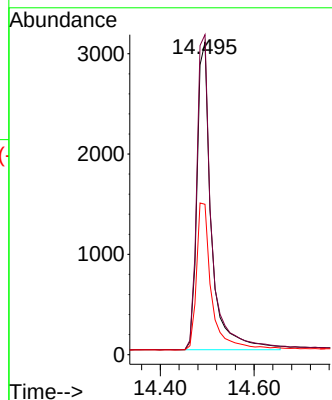
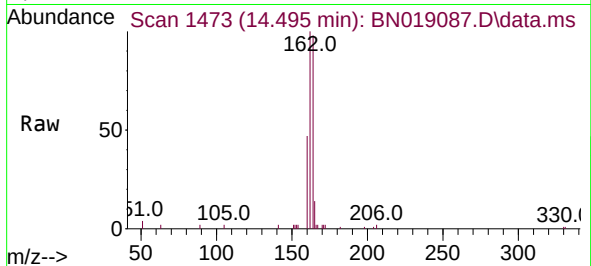




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

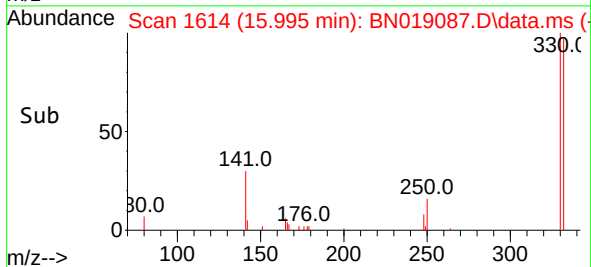
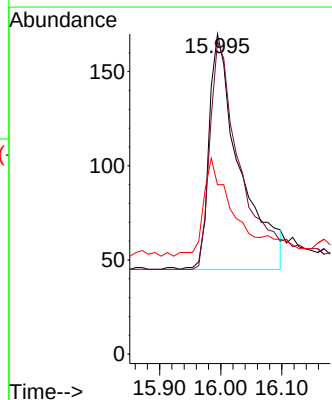
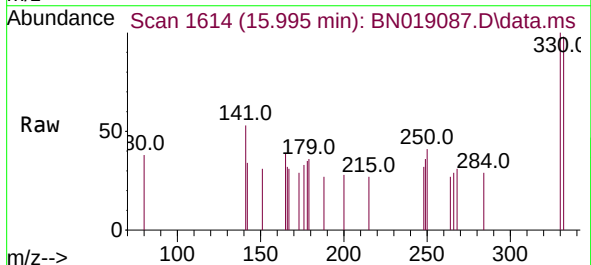
Instrument :
BNA_N
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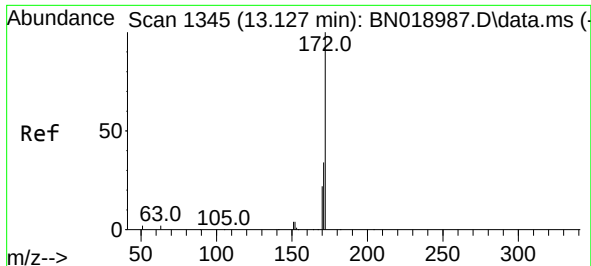
Tgt Ion:164 Resp: 6572
Ion Ratio Lower Upper
164 100
162 102.4 85.2 127.8
160 48.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion:330 Resp: 435
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 41.6 32.2 48.2

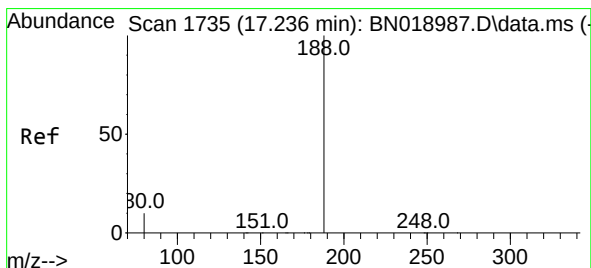
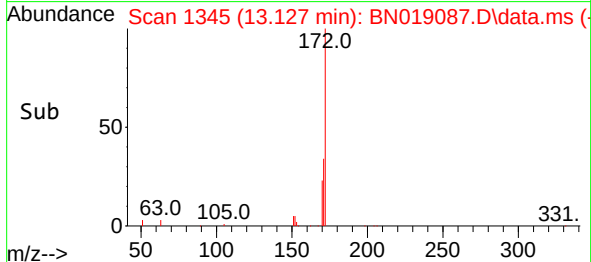
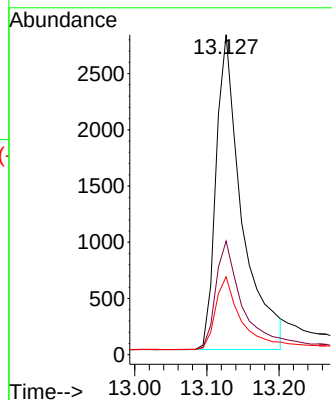
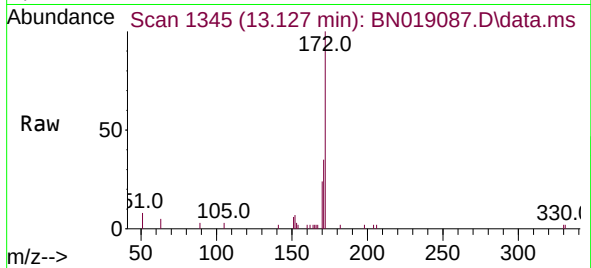




#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

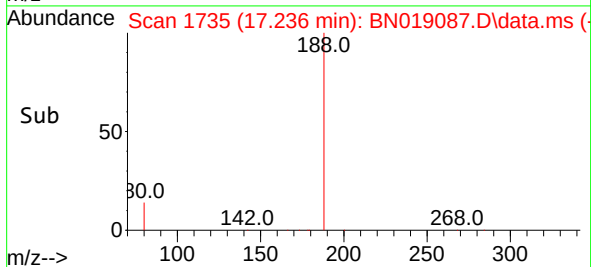
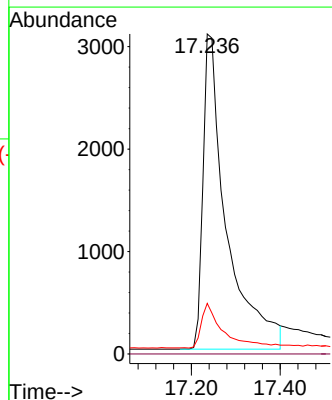
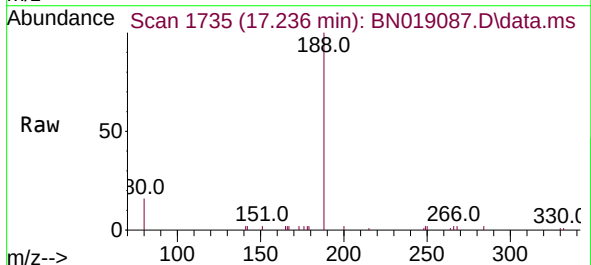
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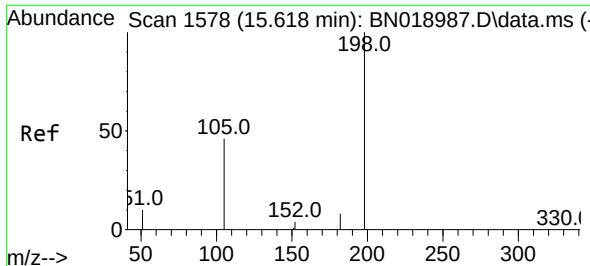
Tgt Ion:172 Resp: 6960
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion:188 Resp: 11287
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 11.8 17.8

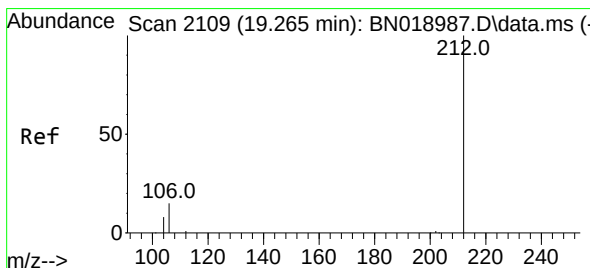
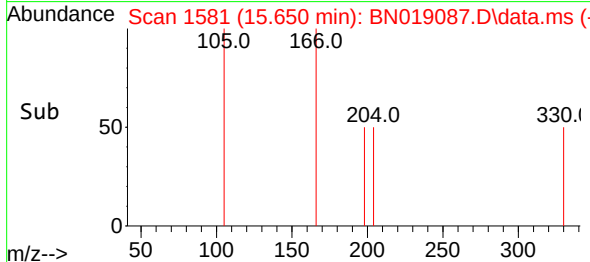
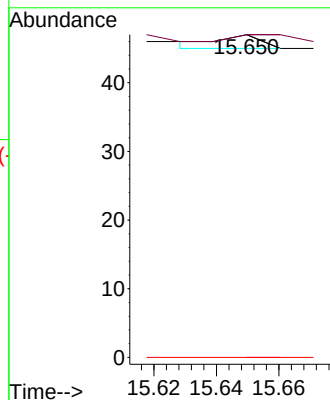
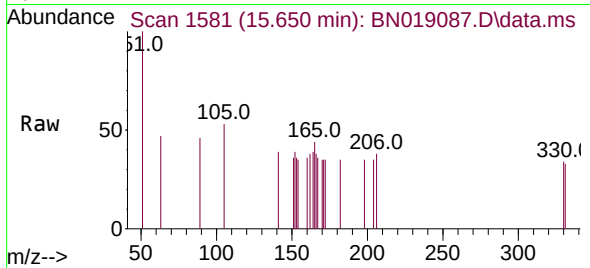




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.650 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

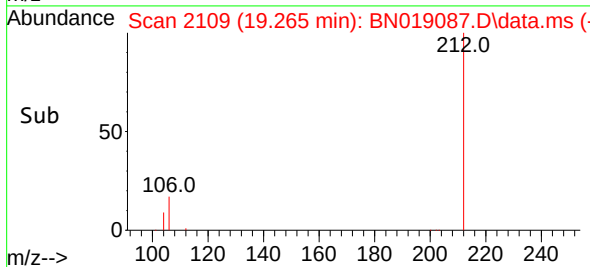
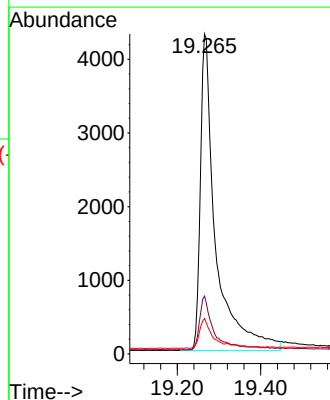
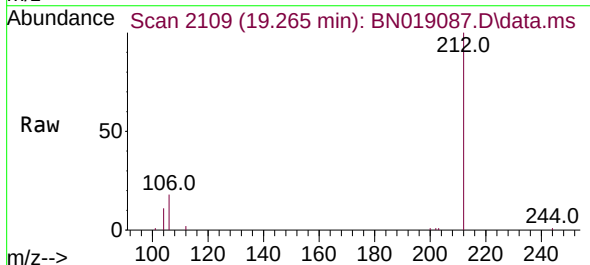
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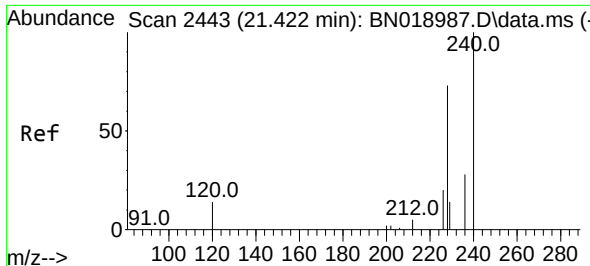
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 100.0 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion:212 Resp: 10949
Ion Ratio Lower Upper
212 100
106 14.8 12.7 19.1
104 8.8 7.1 10.7

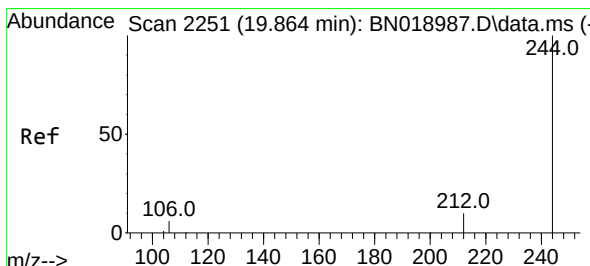
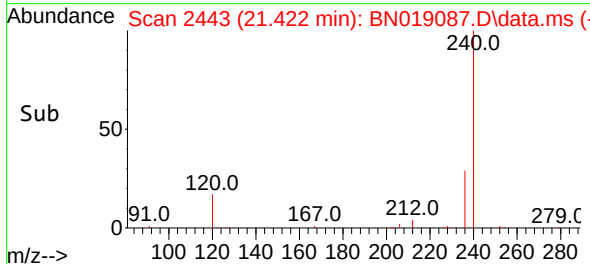
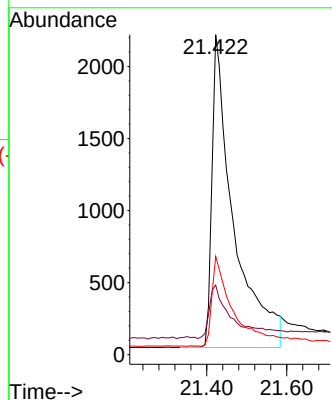
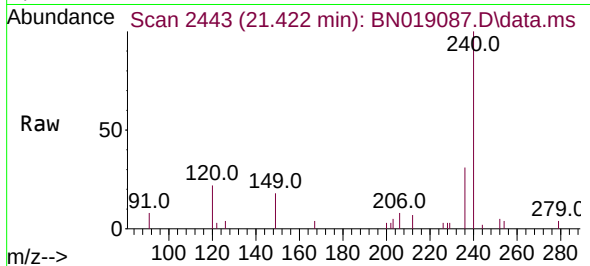




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

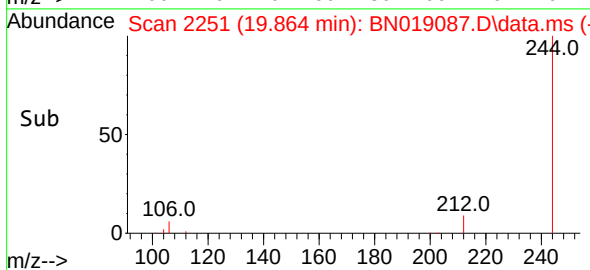
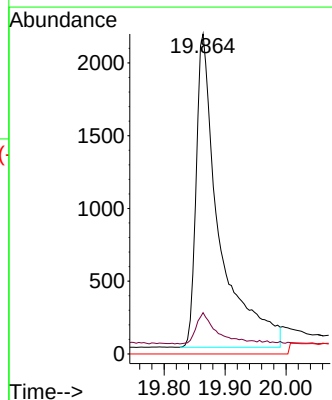
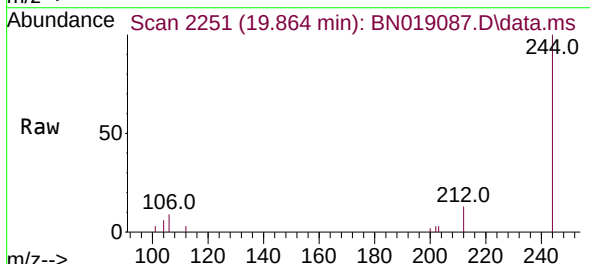
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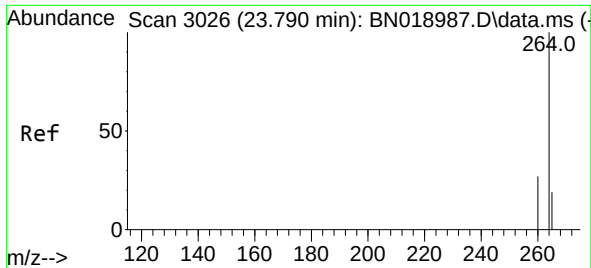
Tgt Ion:240 Resp: 8083
Ion Ratio Lower Upper
240 100
120 21.7 8.5 12.7#
236 30.7 22.4 33.6



#31
Terphenyl-d14
Concen: 0.286 ng
RT: 19.864 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN019087.D
Acq: 23 Mar 2022 12:15

Tgt Ion:244 Resp: 5676
Ion Ratio Lower Upper
244 100
212 12.9 8.2 12.4#
122 0.0 0.0 0.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.790 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN019087.D

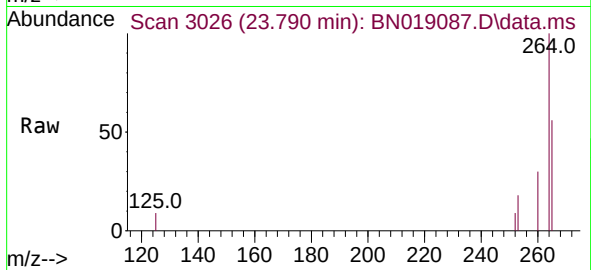
Acq: 23 Mar 2022 12:15

Instrument :

BNA_N

ClientSampleId :

SP5848



Tgt Ion:264 Resp: 6406

Ion Ratio Lower Upper

264 100

260 29.5 22.4 33.6

265 55.5 25.3 37.9#

