

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040722\
 Data File : BN019387.D
 Acq On : 07 Apr 2022 21:29
 Operator : CG/JU
 Sample : SP5860
 Misc : 8270 SIM SURROGATE
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5860

Quant Time: Apr 08 06:18:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

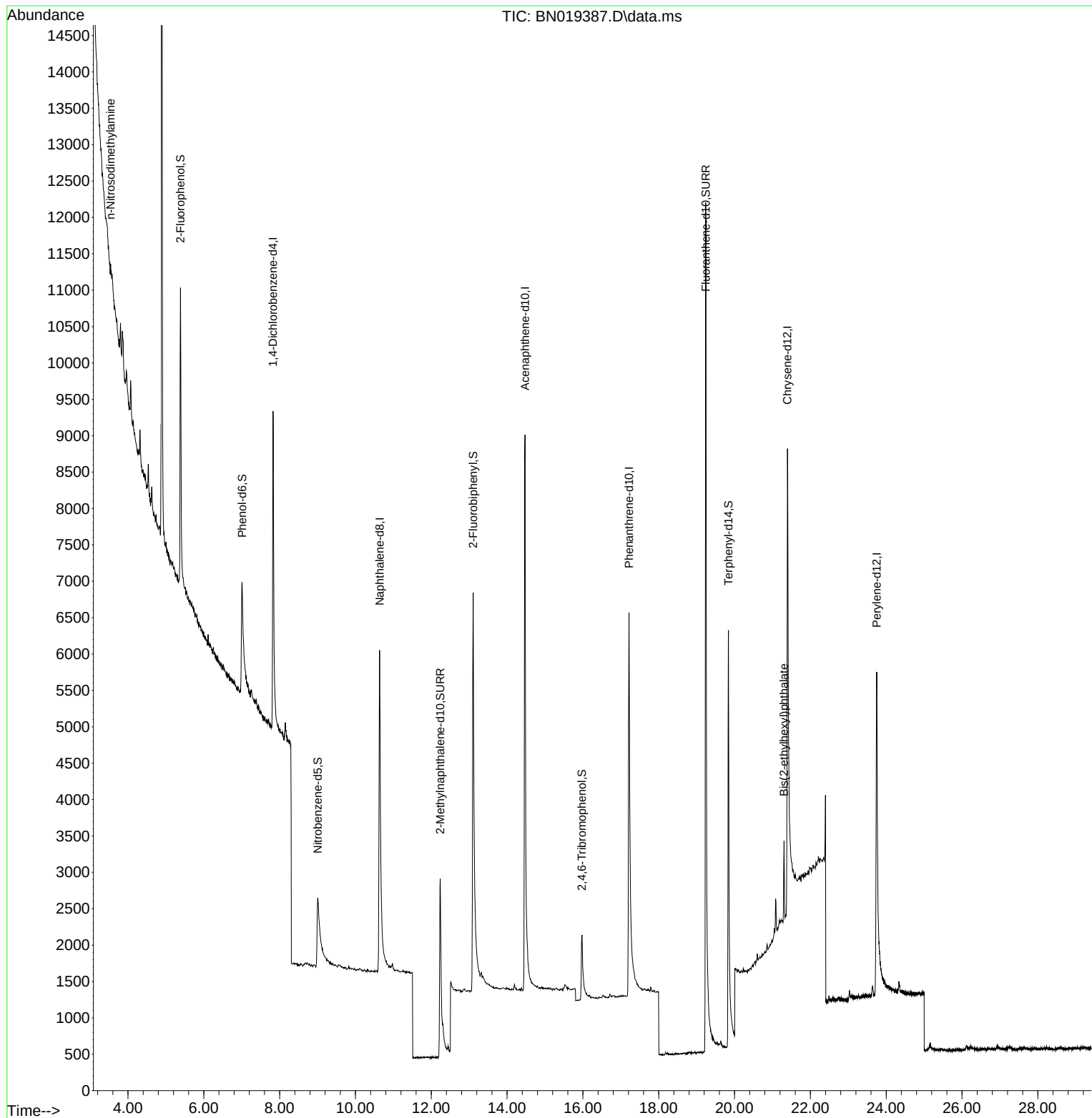
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3079	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	9706	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	6774	0.400	ng	0.01
19) Phenanthrene-d10	17.215	188	13978	0.400	ng	0.01
29) Chrysene-d12	21.395	240	12193	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	9534	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3851	0.467	ng	0.00
5) Phenol-d6	7.009	99	2668	0.269	ng	0.02
8) Nitrobenzene-d5	9.003	82	2366	0.268	ng	0.02
11) 2-Methylnaphthalene-d10	12.234	152	6474	0.380	ng	0.01
14) 2,4,6-Tribromophenol	15.974	330	977	0.237	ng	0.02
15) 2-Fluorobiphenyl	13.105	172	8414	0.299	ng	0.01
27) Fluoranthene-d10	19.240	212	19492	0.433	ng	0.00
31) Terphenyl-d14	19.839	244	10451	0.394	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.543	42	241	0.049	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.306	149	1008	0.030	ng	# 95

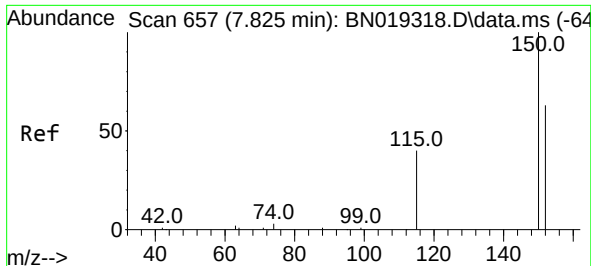
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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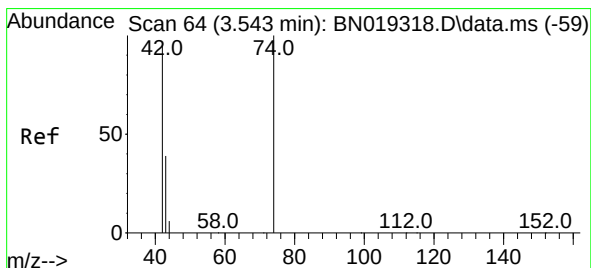
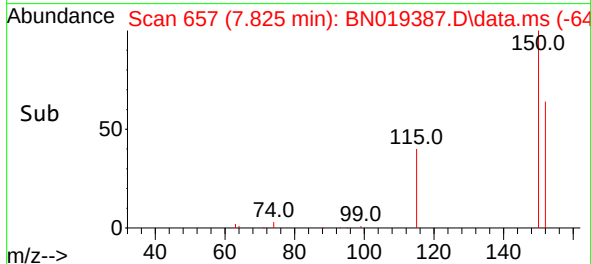
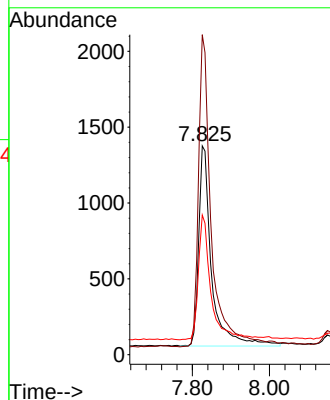
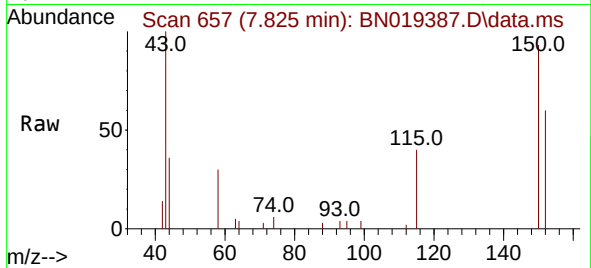




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN019387.D
 Acq: 07 Apr 2022 21:29

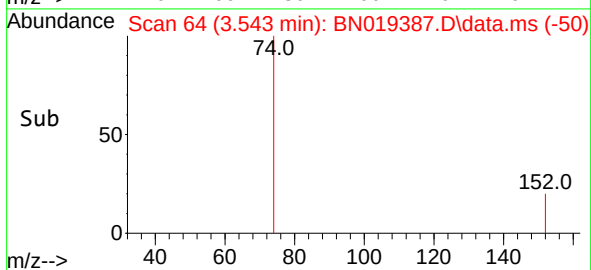
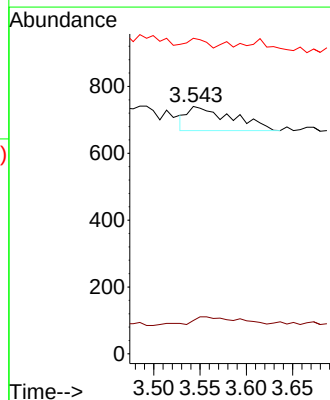
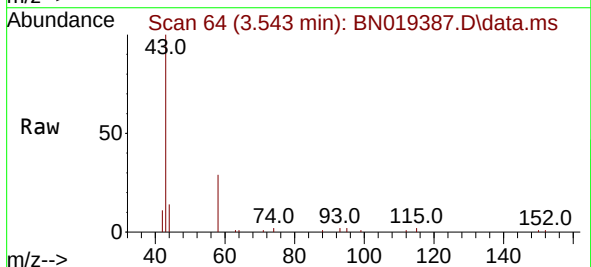
Instrument :
 BNA_N
 ClientSampleId :
 SP5860

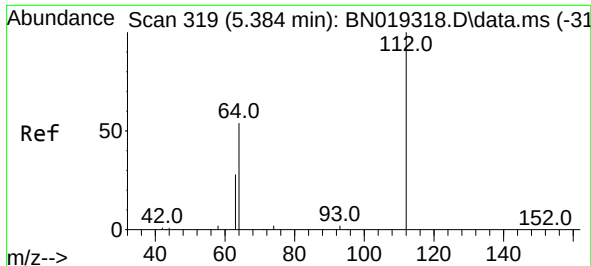
Tgt Ion:152 Resp: 3079
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.9 185.9
 115 66.9 48.2 72.4



#3
 n-Nitrosodimethylamine
 Concen: 0.049 ng
 RT: 3.543 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019387.D
 Acq: 07 Apr 2022 21:29

Tgt Ion: 42 Resp: 241
 Ion Ratio Lower Upper
 42 100
 74 40.7 96.9 145.3#
 44 15.4 7.3 10.9#

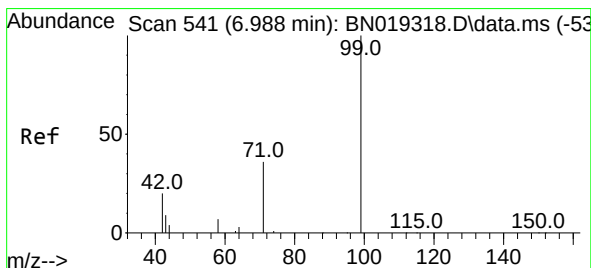
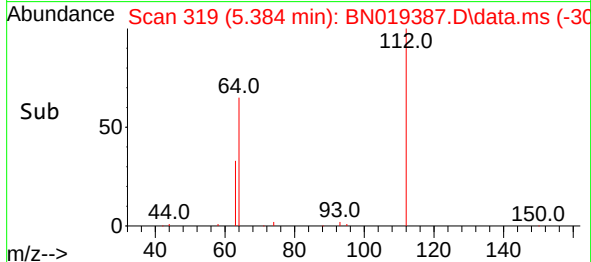
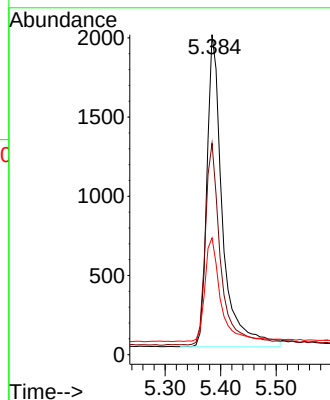
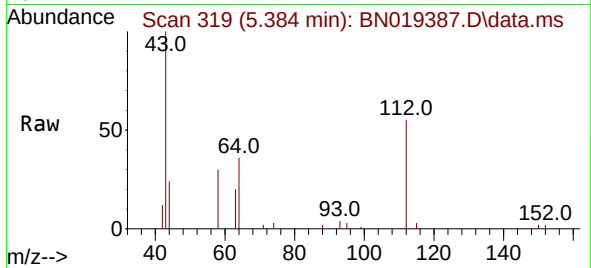




#4
2-Fluorophenol
Concen: 0.467 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

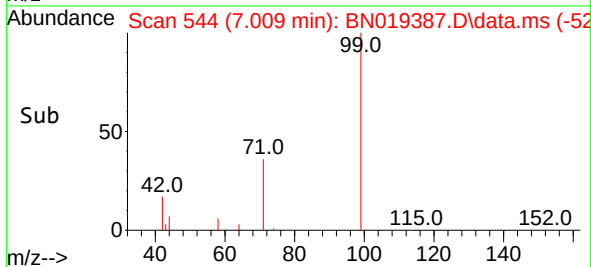
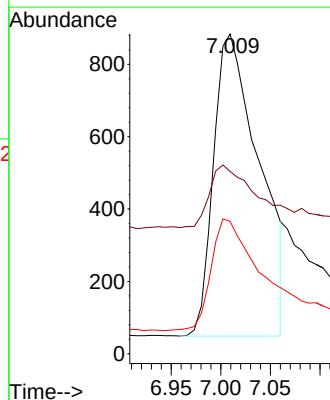
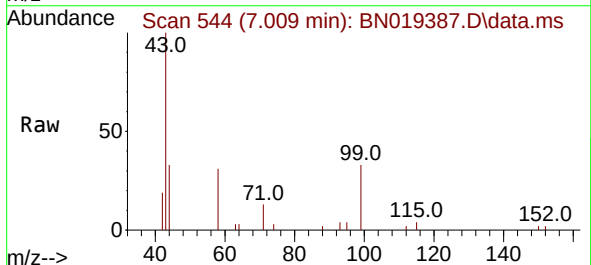
Instrument :
BNA_N
ClientSampleId :
SP5860

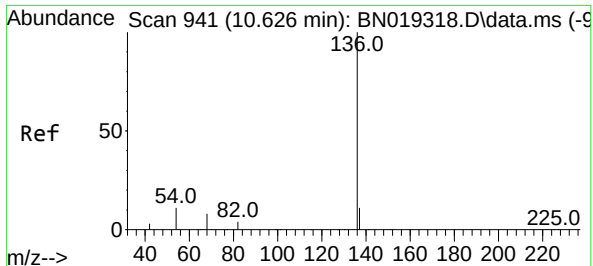
Tgt Ion: 112 Resp: 3851
Ion Ratio Lower Upper
112 100
64 64.1 47.8 71.8
63 33.9 25.7 38.5



#5
Phenol-d6
Concen: 0.269 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.022 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion: 99 Resp: 2668
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.4
71 37.4 27.7 41.5

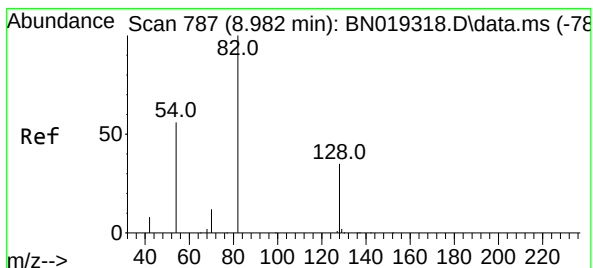
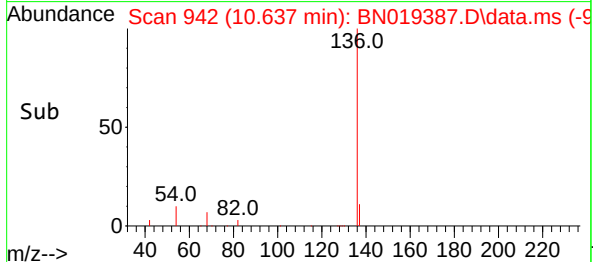
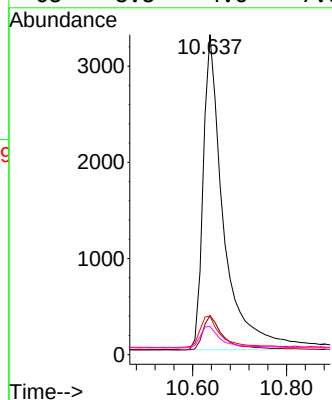
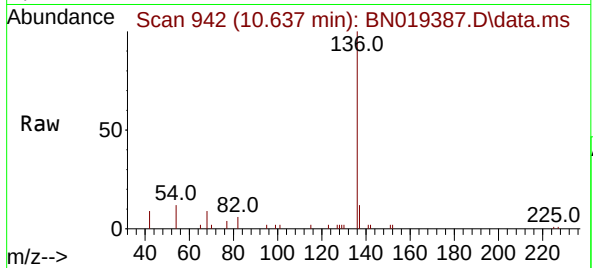




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

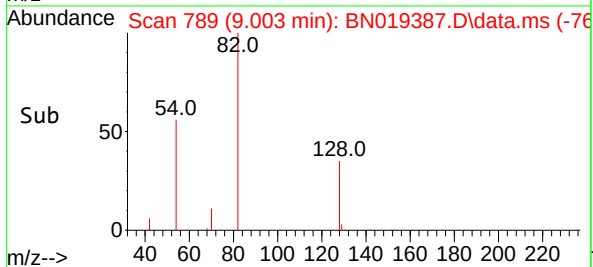
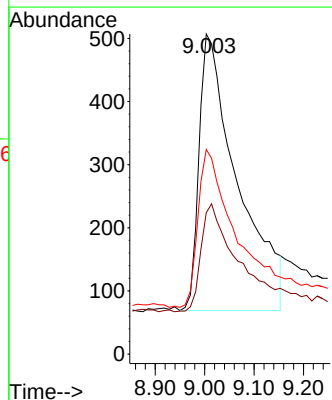
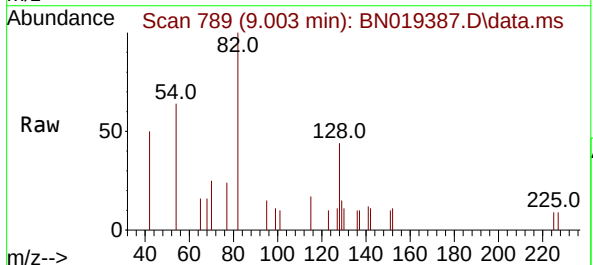
Instrument :
BNA_N
ClientSampleId :
SP5860

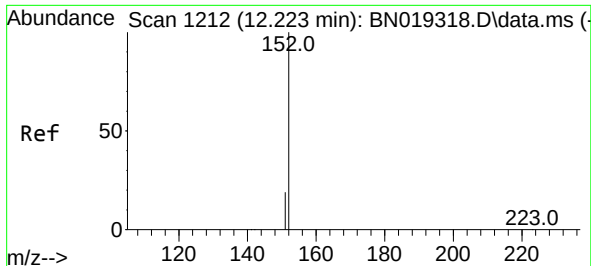
Tgt Ion:	136	Resp:	9706
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.4
54	12.1	5.8	8.6#
68	8.8	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.021 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:	82	Resp:	2366
Ion Ratio	Lower	Upper	
82	100		
128	44.2	33.0	49.6
54	63.9	42.5	63.7#

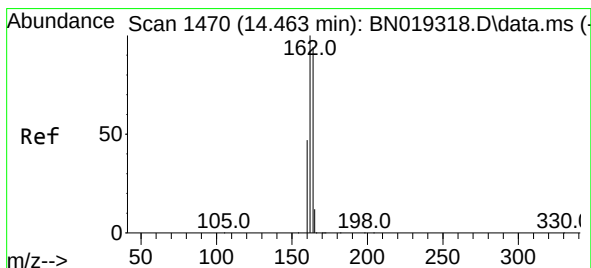
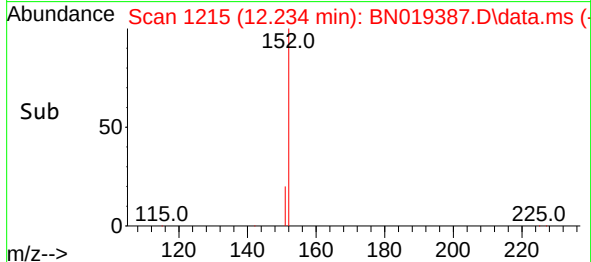
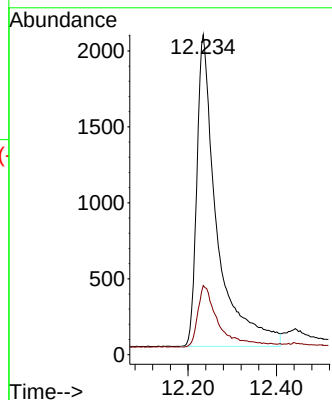
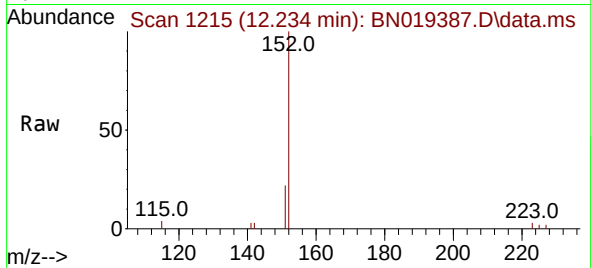




#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.234 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

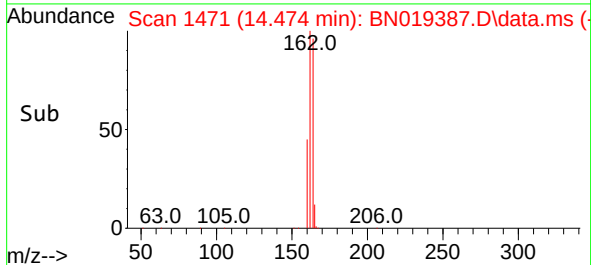
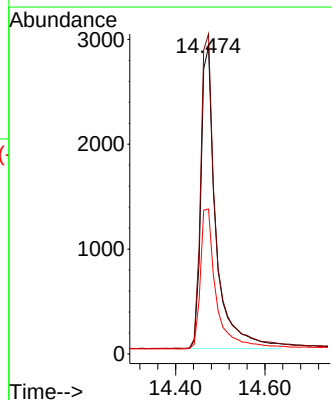
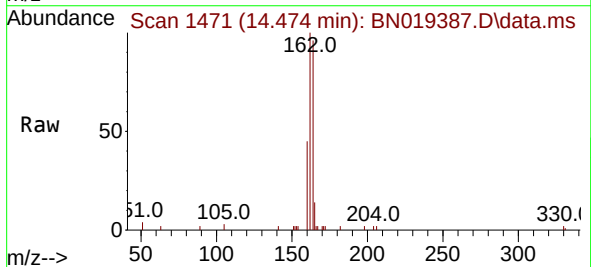
Instrument :
BNA_N
ClientSampleId :
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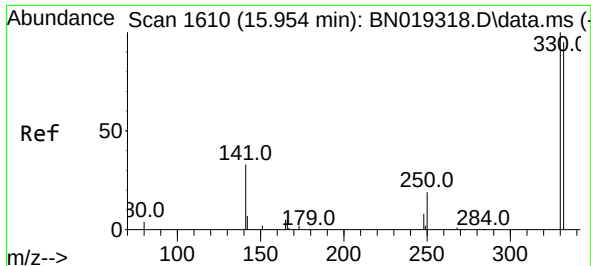
Tgt Ion:152 Resp: 6474
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:164 Resp: 6774
Ion Ratio Lower Upper
164 100
162 104.2 85.2 127.8
160 47.2 41.5 62.3

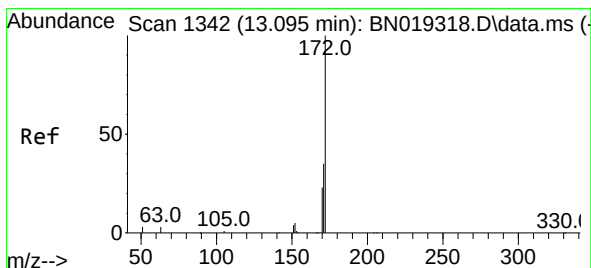
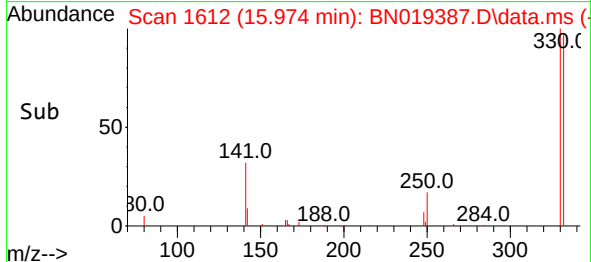
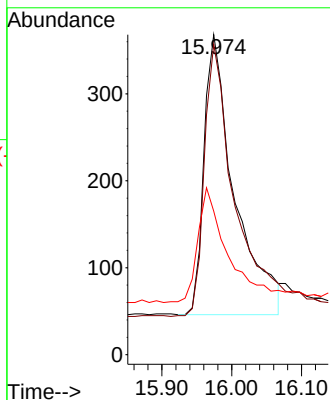
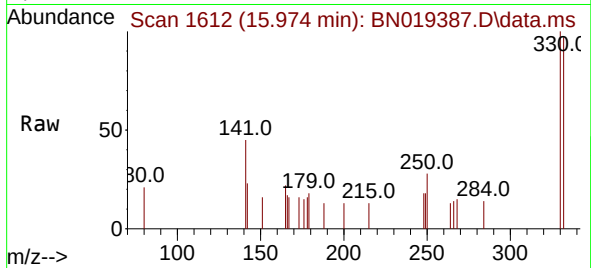




#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.974 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

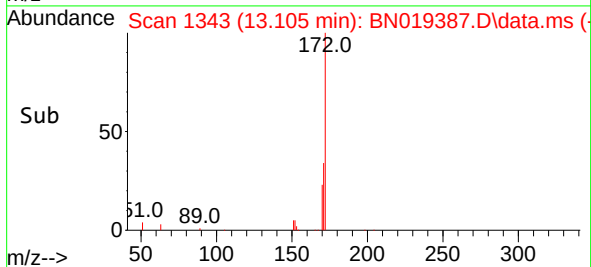
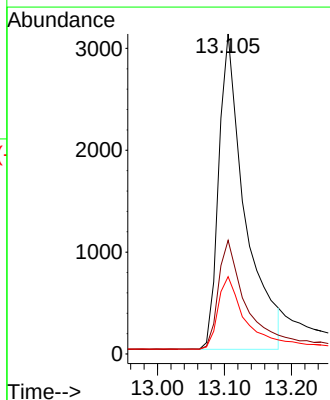
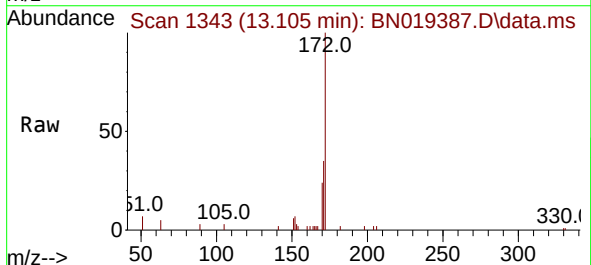
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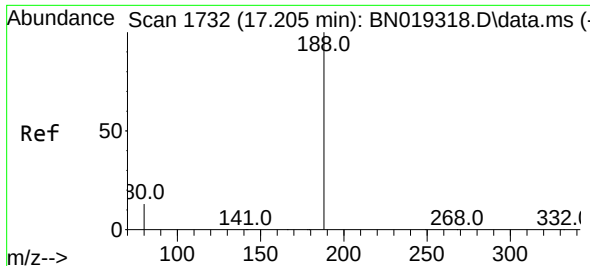
Tgt Ion:330 Resp: 977
Ion Ratio Lower Upper
330 100
332 99.4 76.8 115.2
141 41.7 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.011 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:172 Resp: 8414
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.2 18.7 28.1

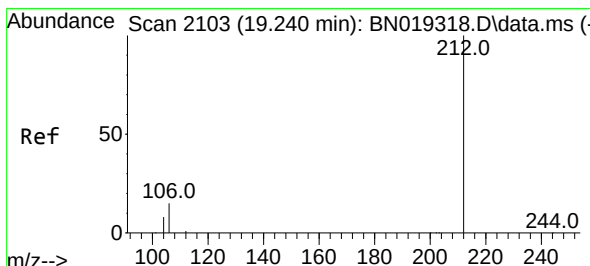
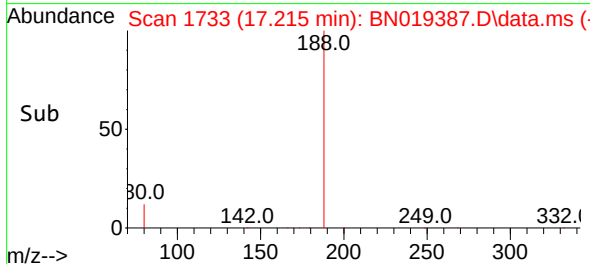
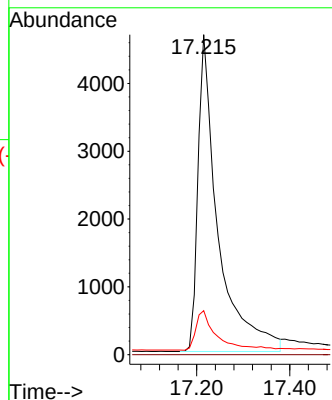
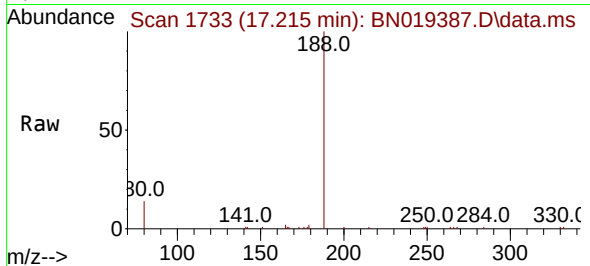




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.010 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

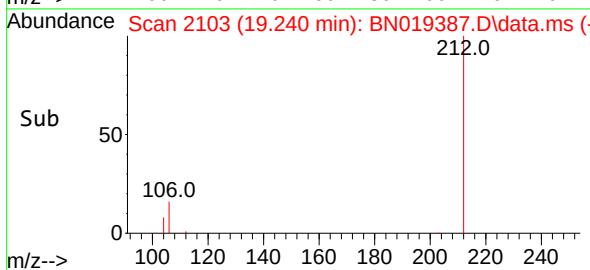
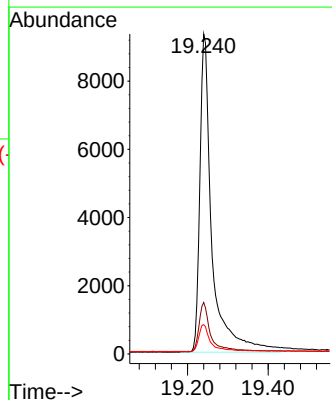
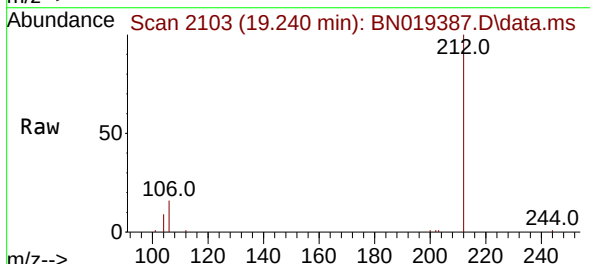
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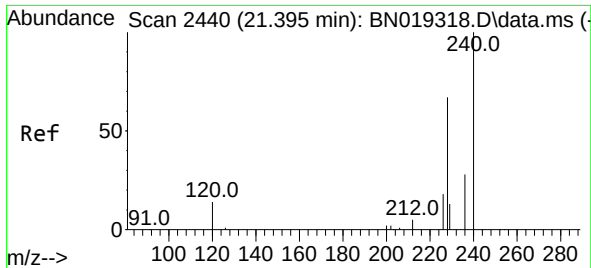
Tgt Ion:188 Resp: 13978
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 11.8 17.8



#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.240 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:212 Resp: 19492
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 8.4 7.1 10.7

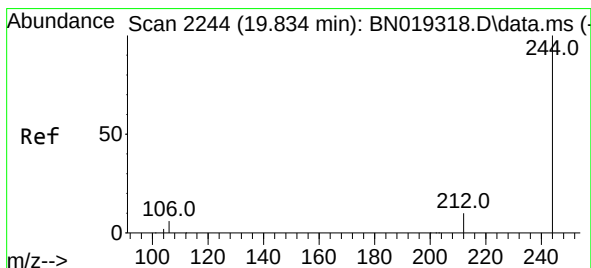
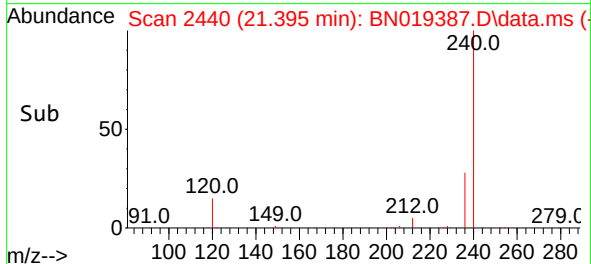
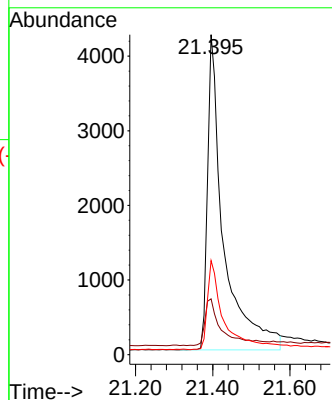
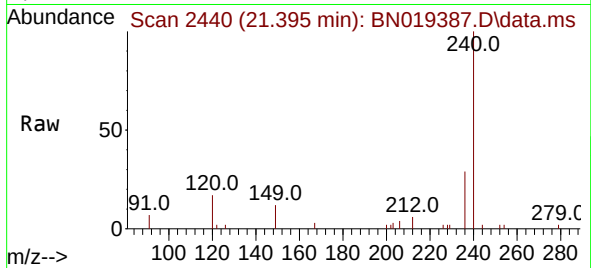




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

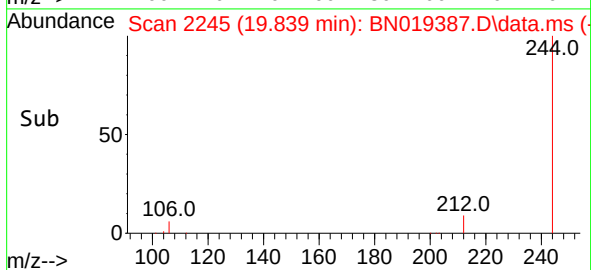
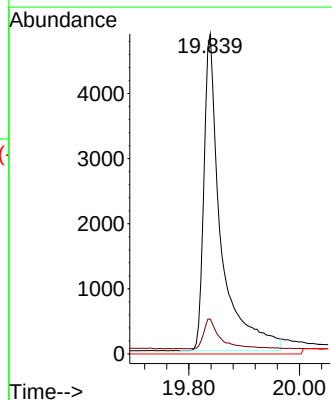
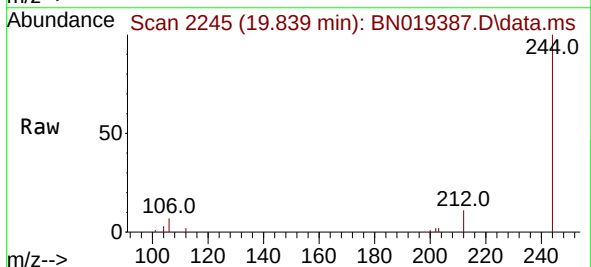
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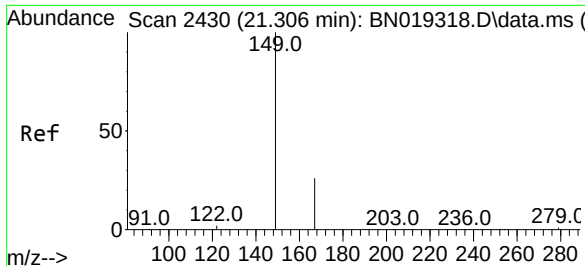
Tgt Ion:240 Resp: 12193
Ion Ratio Lower Upper
240 100
120 17.4 8.5 12.7#
236 29.4 22.4 33.6



#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.839 min Scan# 2245
Delta R.T. 0.004 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:244 Resp: 10451
Ion Ratio Lower Upper
244 100
212 10.9 8.2 12.4
122 0.0 0.0 0.0

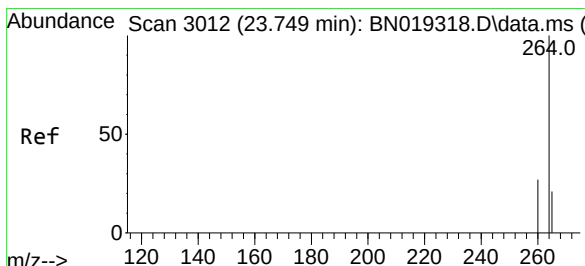
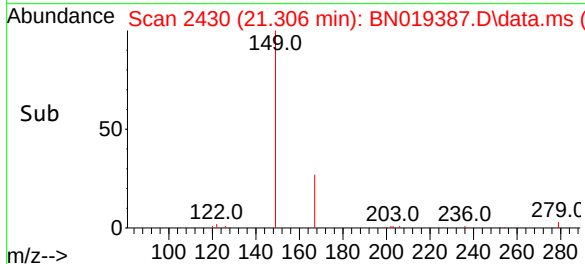
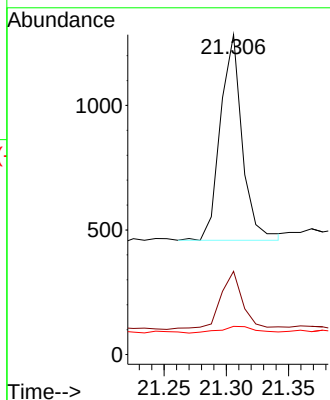
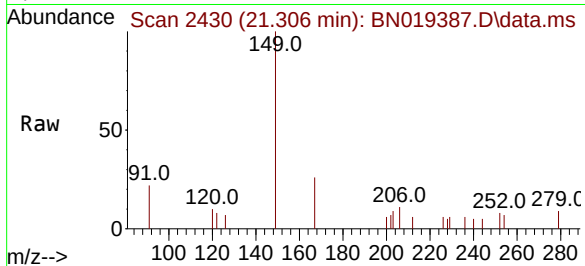




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Instrument :
BNA_N
ClientSampleId :
SP5860

Tgt Ion:149 Resp: 1008
Ion Ratio Lower Upper
149 100
167 29.9 21.8 32.8
279 5.5 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3012
Delta R.T. 0.000 min
Lab File: BN019387.D
Acq: 07 Apr 2022 21:29

Tgt Ion:264 Resp: 9534
Ion Ratio Lower Upper
264 100
260 29.0 22.4 33.6
265 36.4 25.3 37.9

