

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021349.D
 Acq On : 24 Aug 2022 22:59
 Operator : CG/JU
 Sample : PB147180BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147180BL

Quant Time: Aug 25 07:14:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

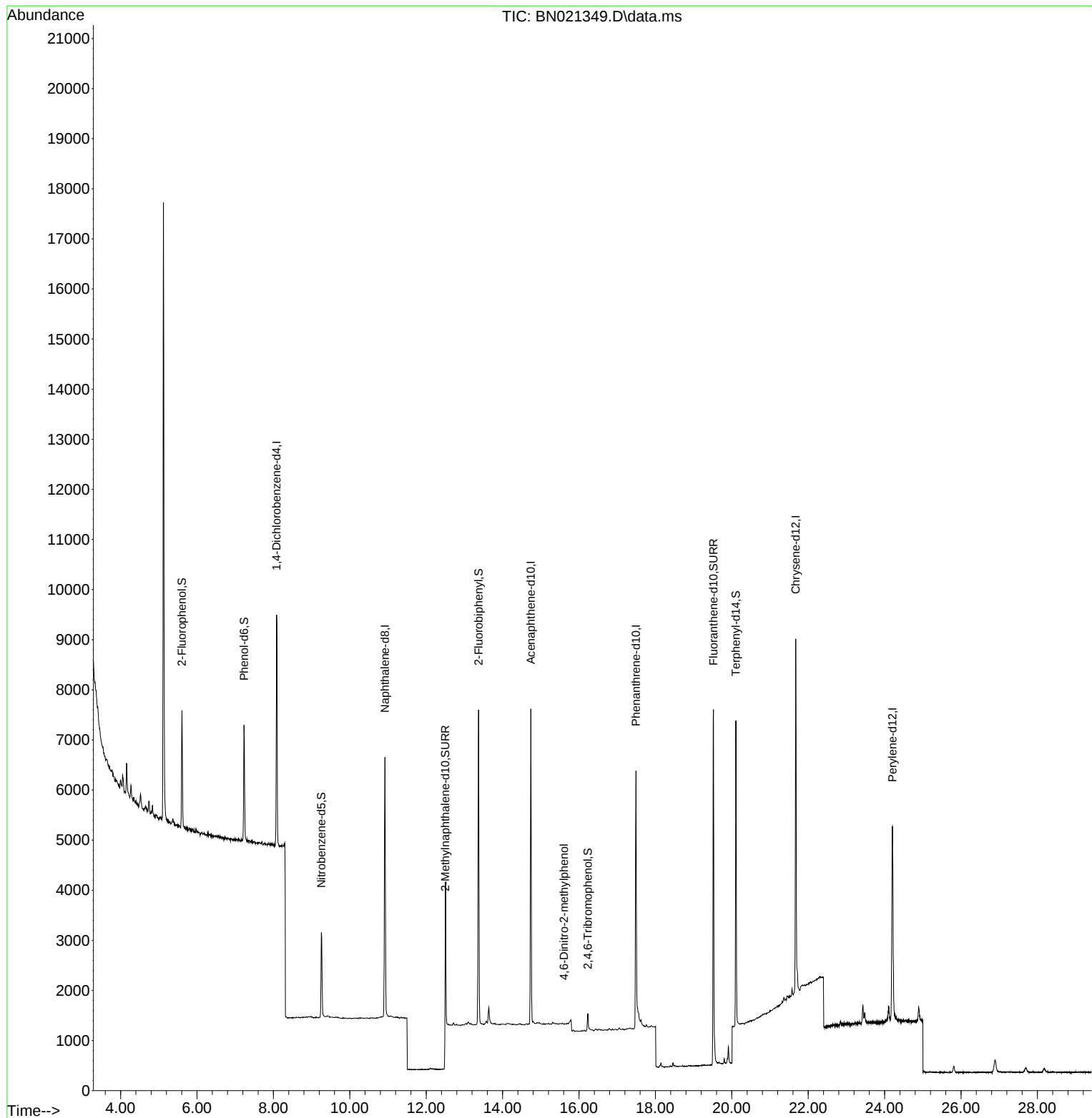
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	2354	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	6906	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	3488	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	7862	0.400	ng	0.00
29) Chrysene-d12	21.673	240	6717	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	6362	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	1940	0.305	ng	0.00
5) Phenol-d6	7.231	99	2364	0.296	ng	0.00
8) Nitrobenzene-d5	9.254	82	1591	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	4320	0.370	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	238	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	5497	0.352	ng	0.00
27) Fluoranthene-d10	19.518	212	8134	0.346	ng	0.00
31) Terphenyl-d14	20.106	244	5399	0.380	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.605	198	3	0.290	ng	Qvalue 96

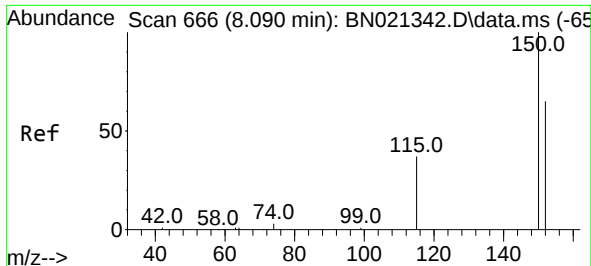
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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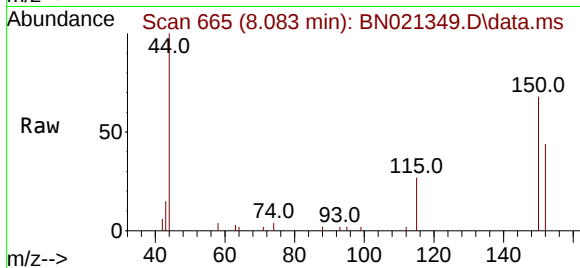
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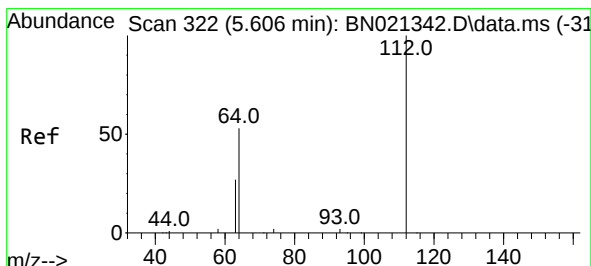
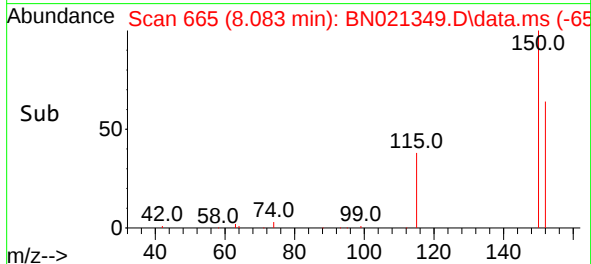
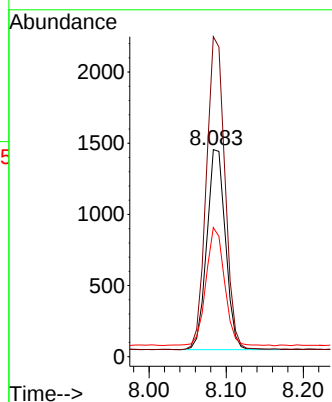


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 666
Delta R.T. -0.007 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

Instrument :
BNA_N
ClientSampleId :
PB147180BL

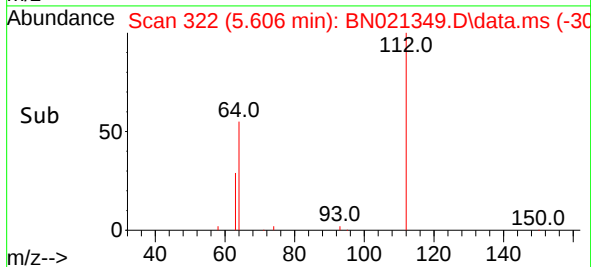
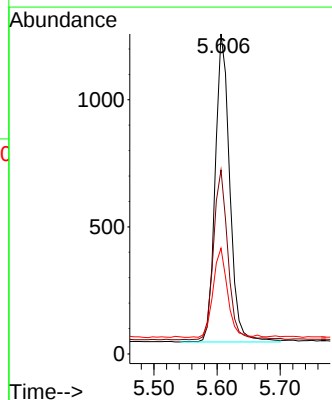
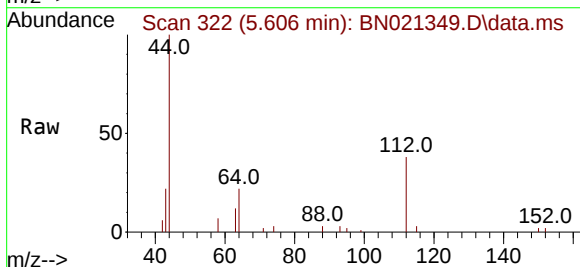


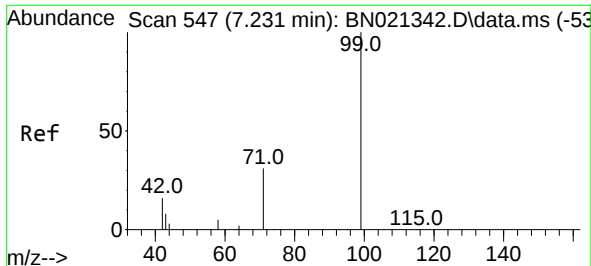
Tgt Ion:152 Resp: 2354
Ion Ratio Lower Upper
152 100
150 154.5 121.4 182.0
115 62.3 48.6 72.8



#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.606 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

Tgt Ion:112 Resp: 1940
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 28.5 22.6 34.0

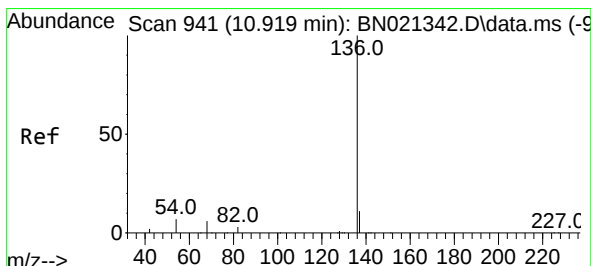
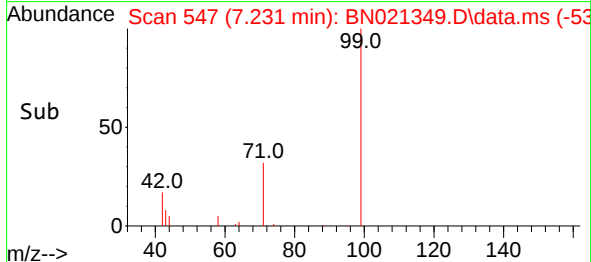
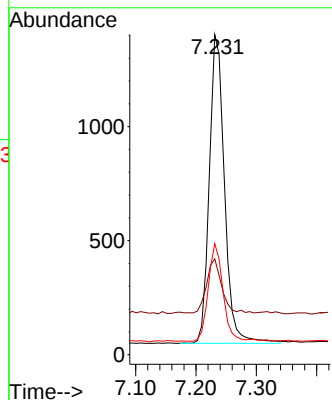
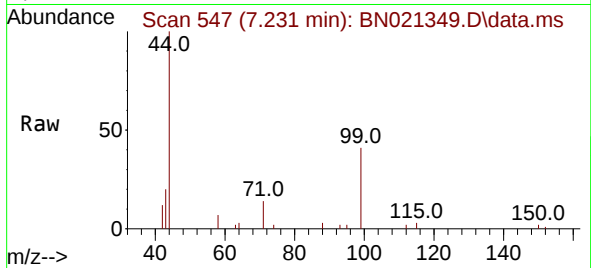




#5
Phenol-d6
Concen: 0.296 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

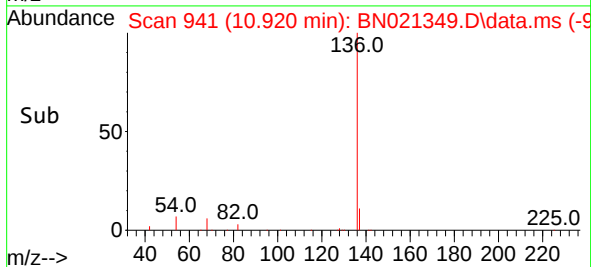
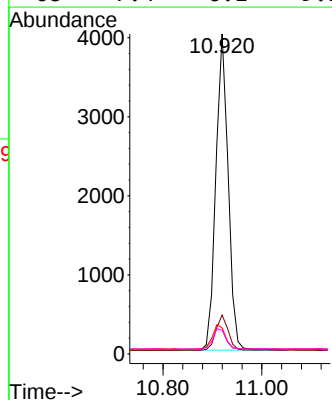
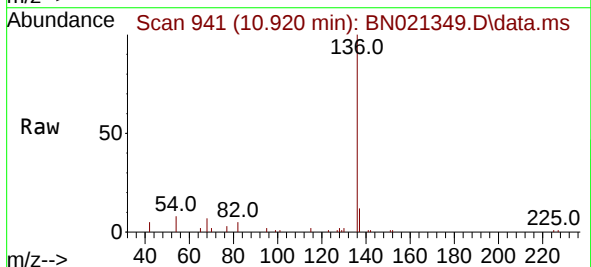
Instrument :
BNA_N
ClientSampleId :
PB147180BL

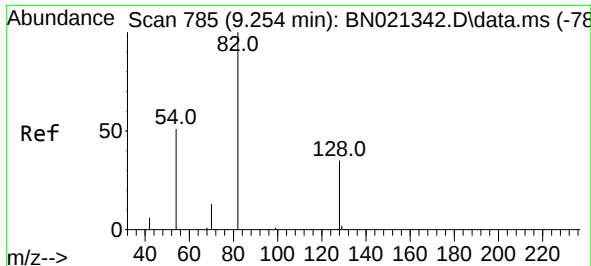
Tgt Ion: 99 Resp: 2364
Ion Ratio Lower Upper
99 100
42 17.5 15.5 23.3
71 31.0 24.2 36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

Tgt Ion: 136 Resp: 6906
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 8.2 6.9 10.3
68 7.4 6.1 9.1

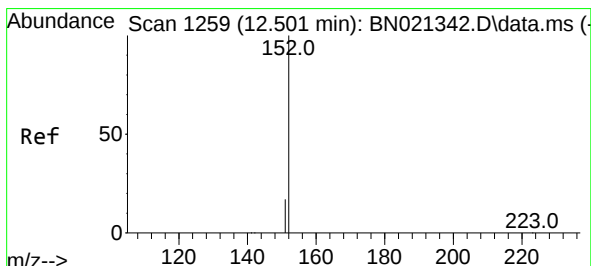
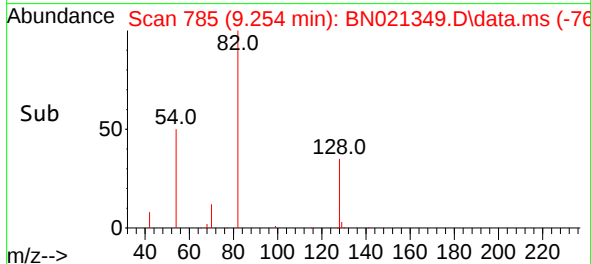
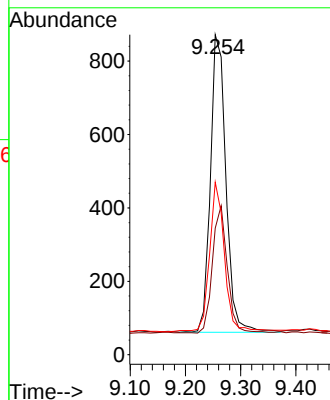
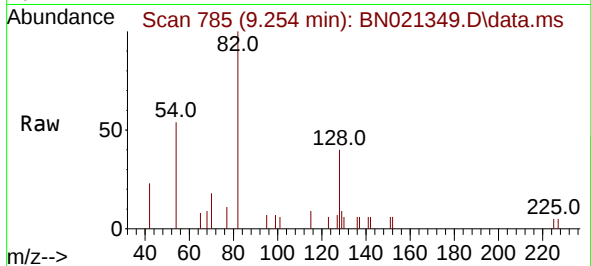




#8
 Nitrobenzene-d5
 Concen: 0.304 ng
 RT: 9.254 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BN021349.D
 Acq: 24 Aug 2022 22:59

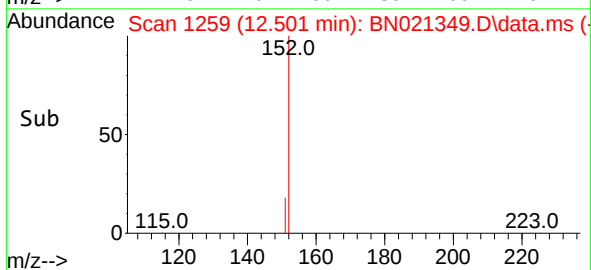
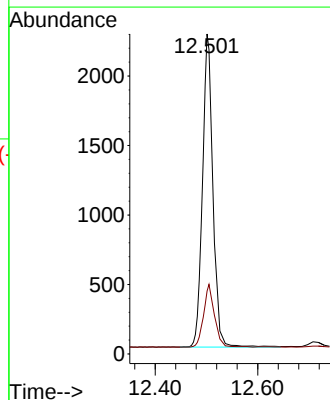
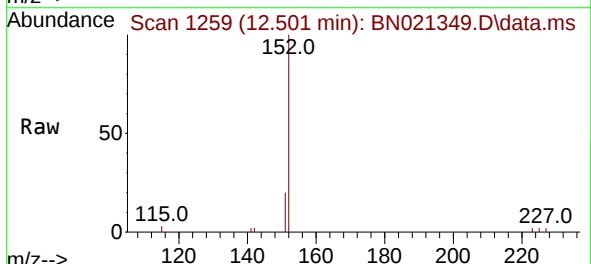
Instrument :
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 PB147180BL

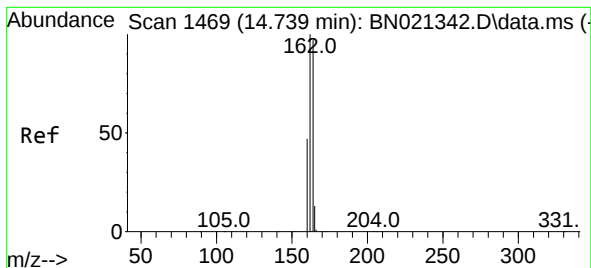
Tgt Ion: 82 Resp: 1591
 Ion Ratio Lower Upper
 82 100
 128 39.6 30.9 46.3
 54 53.9 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.501 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: BN021349.D
 Acq: 24 Aug 2022 22:59

Tgt Ion: 152 Resp: 4320
 Ion Ratio Lower Upper
 152 100
 151 18.1 14.5 21.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.739 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BN021349.D

Acq: 24 Aug 2022 22:59

Instrument :

BNA_N

ClientSampleId :

PB147180BL

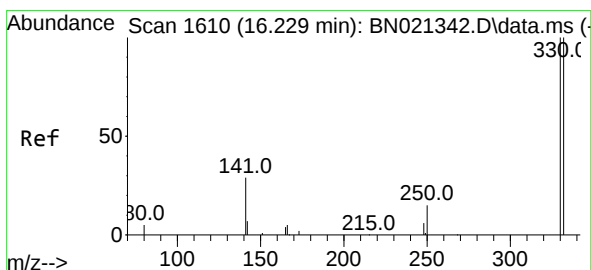
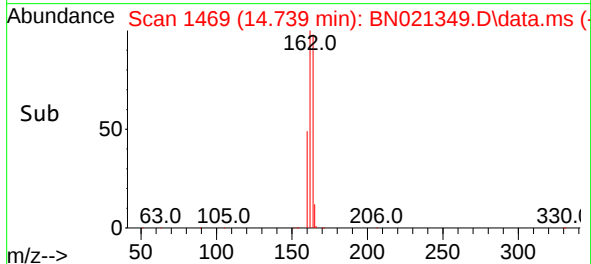
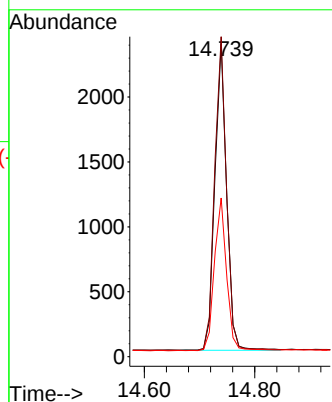
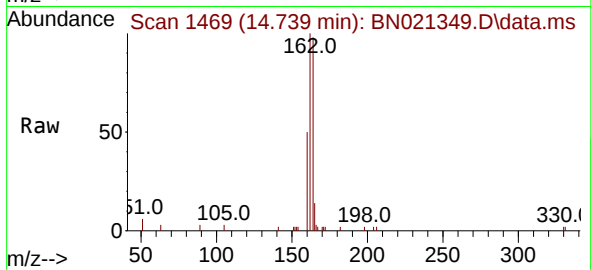
Tgt Ion:164 Resp: 3488

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.4

160 50.7 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.149 ng

RT: 16.229 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN021349.D

Acq: 24 Aug 2022 22:59

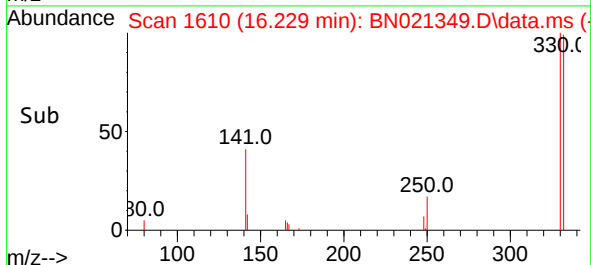
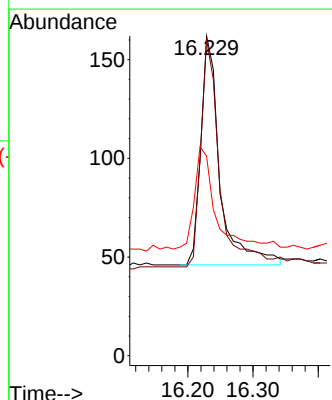
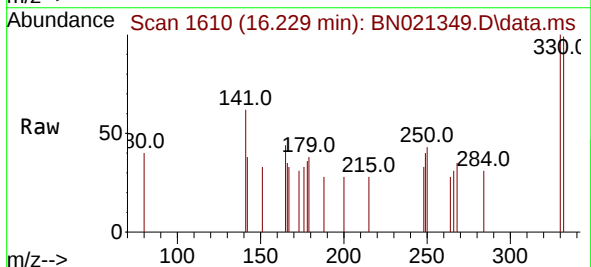
Tgt Ion:330 Resp: 238

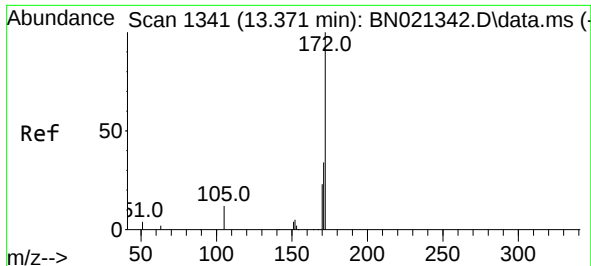
Ion Ratio Lower Upper

330 100

332 97.5 79.3 118.9

141 49.6 37.1 55.7

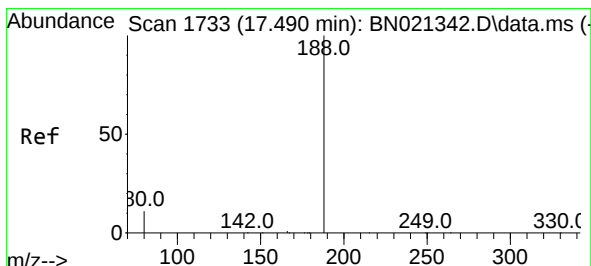
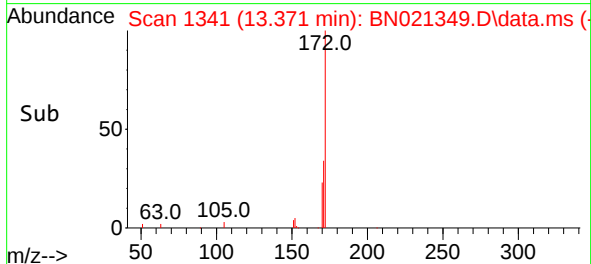
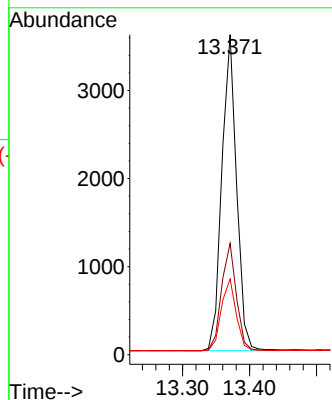
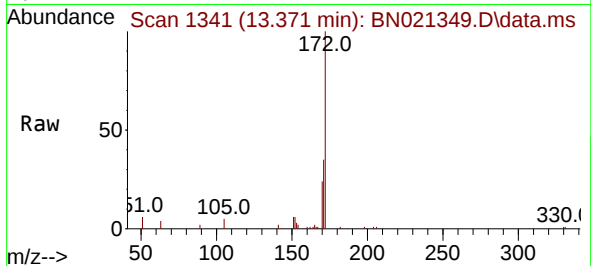




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

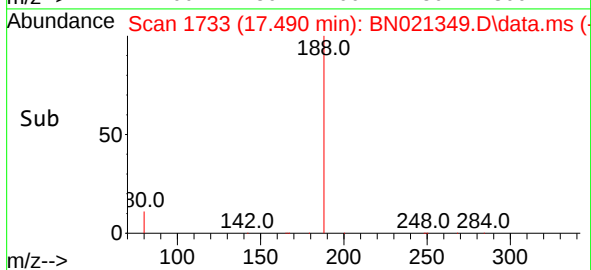
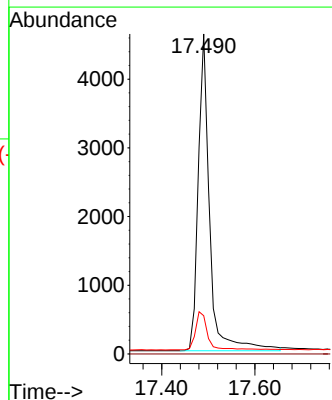
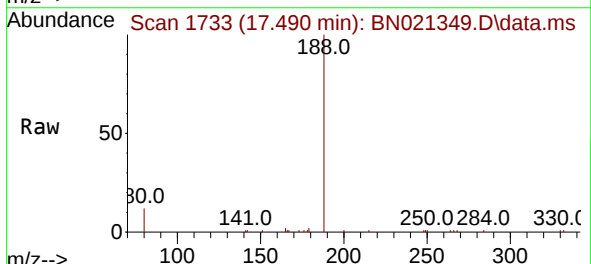
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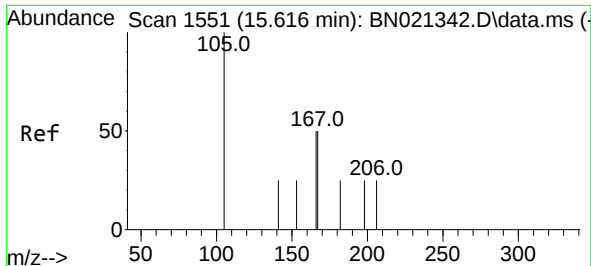
Tgt Ion:172 Resp: 5497
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

Tgt Ion:188 Resp: 7862
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.5 14.3

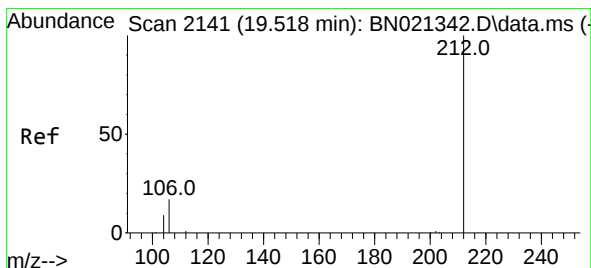
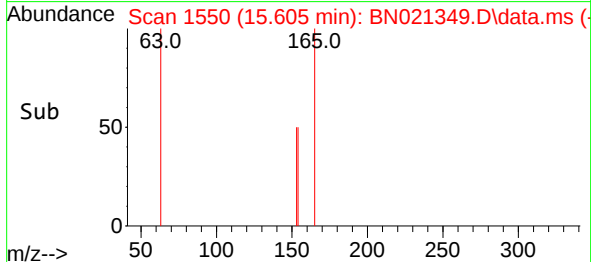
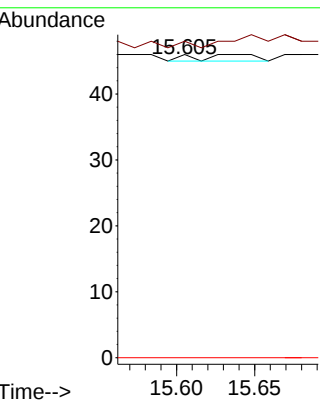
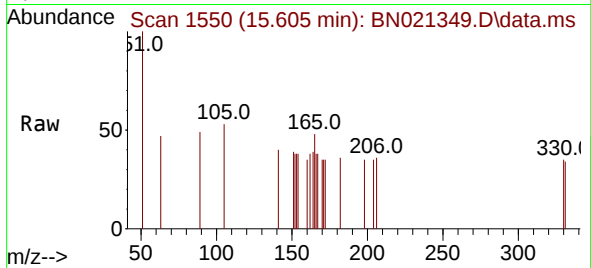




#20
4,6-Dinitro-2-methylphenol
Concen: 0.290 ng
RT: 15.605 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

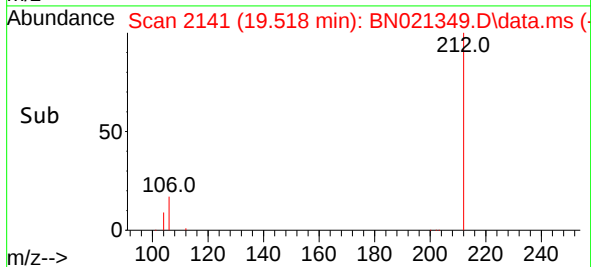
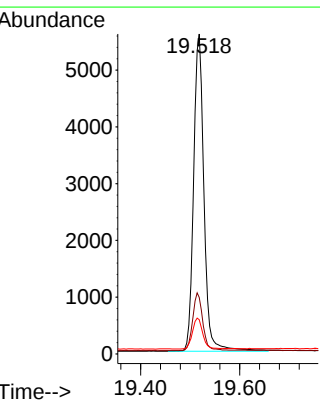
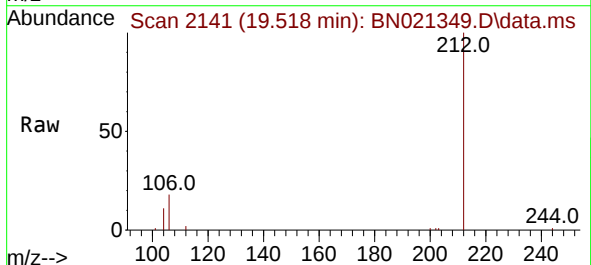
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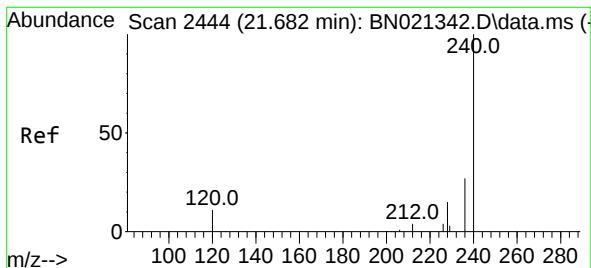
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 104.3 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.518 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN021349.D
Acq: 24 Aug 2022 22:59

Tgt Ion:212 Resp: 8134
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 9.6 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.673 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BN021349.D

Acq: 24 Aug 2022 22:59

Instrument :

BNA_N

ClientSampleId :

PB147180BL

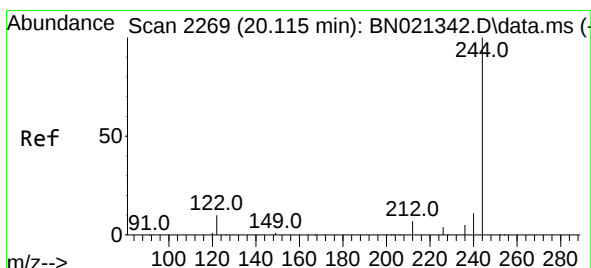
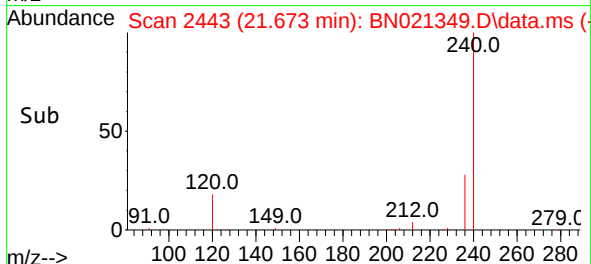
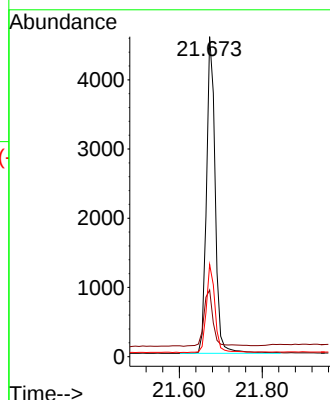
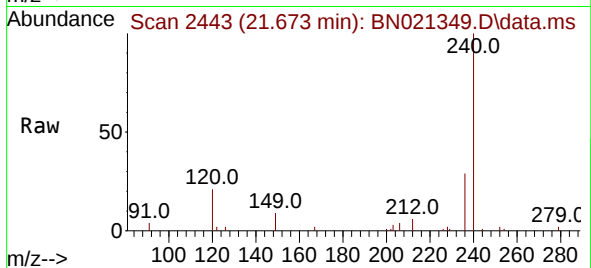
Tgt Ion:240 Resp: 6717

Ion Ratio Lower Upper

240 100

120 20.8 10.2 15.4#

236 28.8 22.1 33.1



#31

Terphenyl-d14

Concen: 0.380 ng

RT: 20.106 min Scan# 2268

Delta R.T. -0.009 min

Lab File: BN021349.D

Acq: 24 Aug 2022 22:59

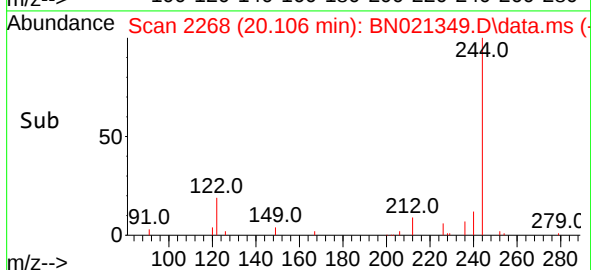
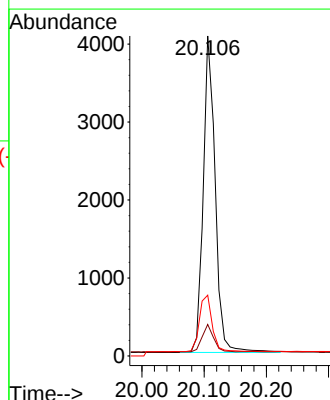
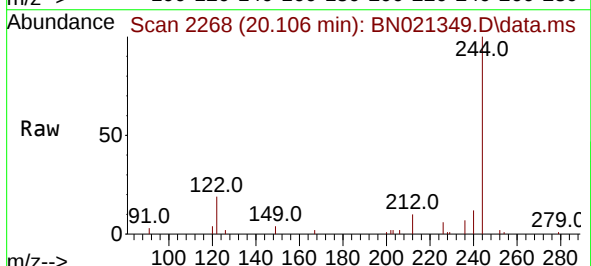
Tgt Ion:244 Resp: 5399

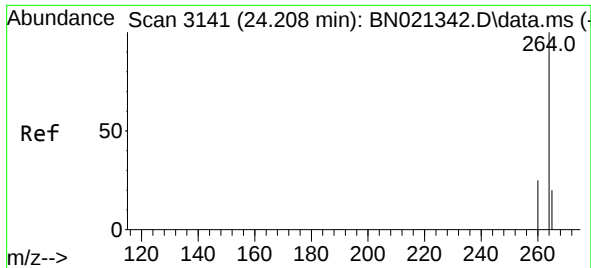
Ion Ratio Lower Upper

244 100

212 9.9 6.5 9.7#

122 19.0 9.1 13.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021349.D
 Acq: 24 Aug 2022 22:59

Instrument :
 BNA_N
 ClientSampleId :
 PB147180BL

Tgt Ion:264	Resp:	6362
Ion	Ratio	Lower Upper
264	100	
260	27.6	21.0 31.6
265	47.2	32.2 48.2

