

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024369.D
 Acq On : 18 Mar 2023 07:05
 Operator : CG/JU
 Sample : 01879-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20230308

Quant Time: Mar 20 01:07:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

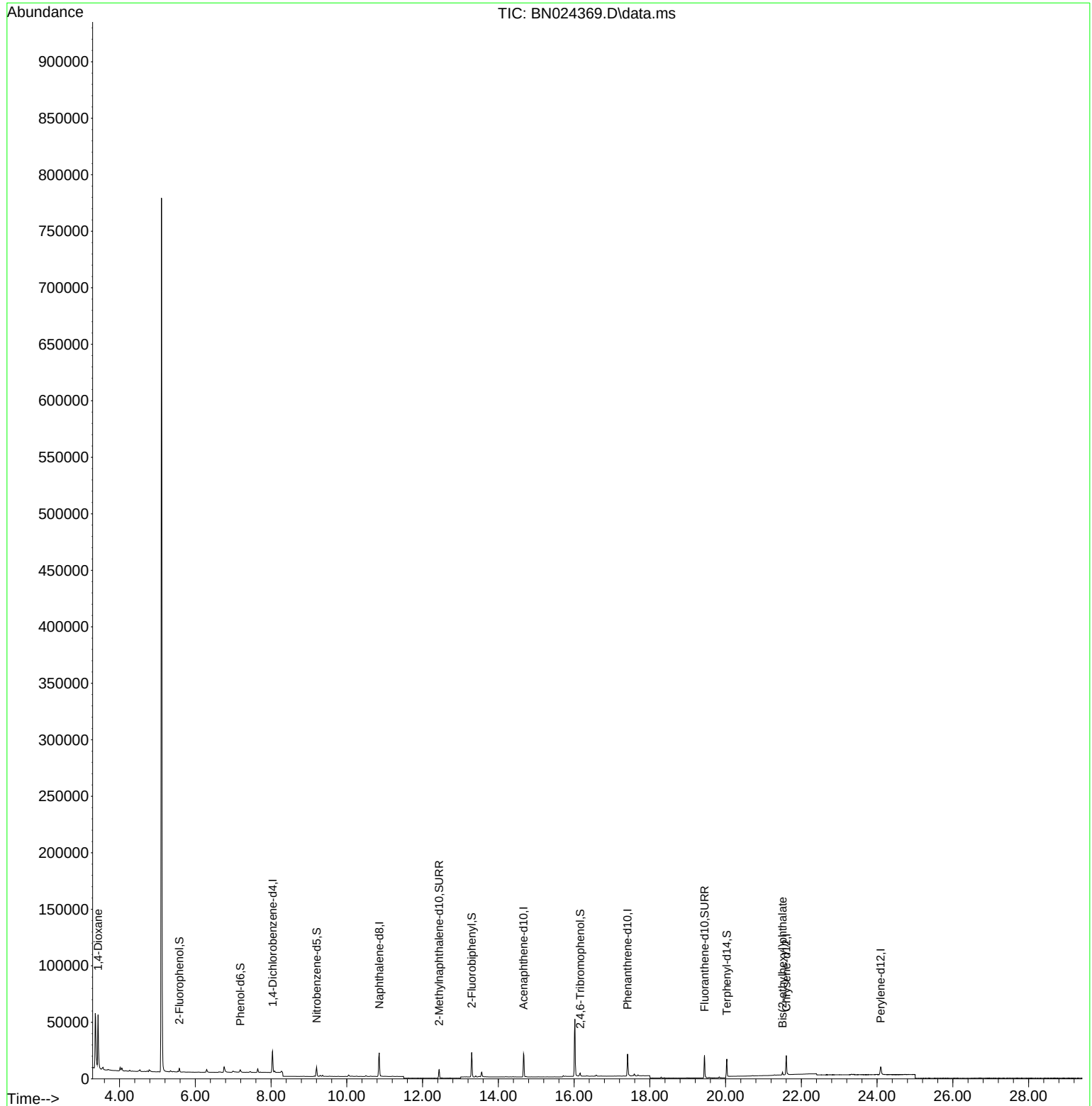
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9025	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	26494	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	12106	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24554	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	15349	0.400	ng	# 0.00
35) Perylene-d12	24.094	264	11072	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2477	0.124	ng	0.00
5) Phenol-d6	7.188	99	1827	0.071	ng	0.00
8) Nitrobenzene-d5	9.201	82	6469	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	10309	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1565	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	17578	0.384	ng	0.00
27) Fluoranthene-d10	19.442	212	19827	0.381	ng	0.00
31) Terphenyl-d14	20.034	244	10729	0.415	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	28430	2.895	ng	Qvalue 94
34) Bis(2-ethylhexyl)phtha...	21.502	149	2427	0.101	ng	98

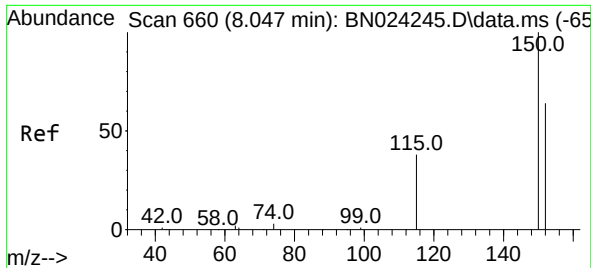
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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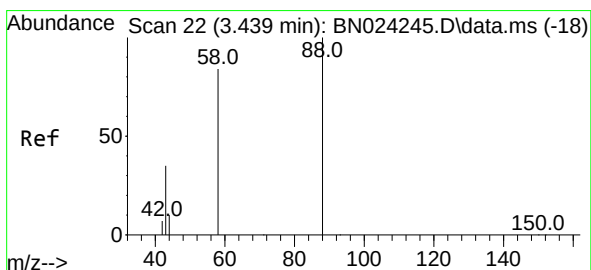
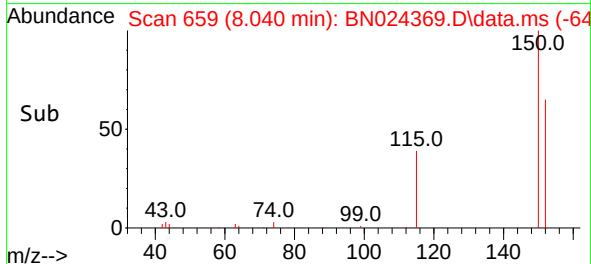
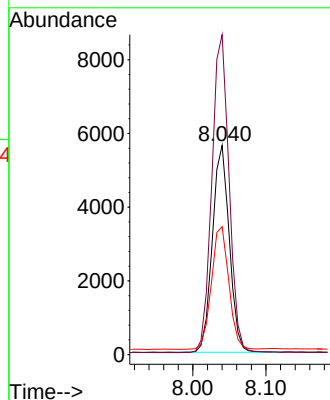
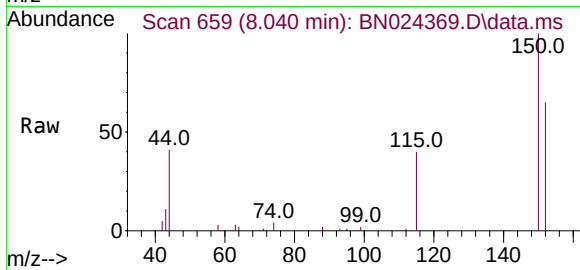




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024369.D
 Acq: 18 Mar 2023 07:05

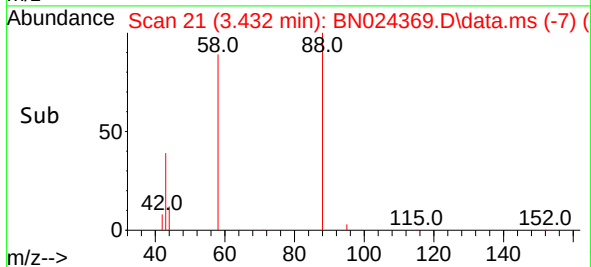
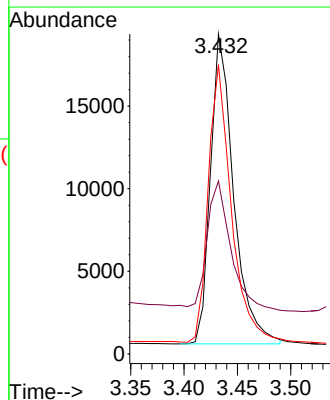
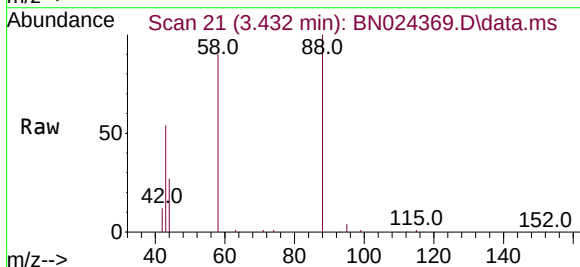
Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20230308

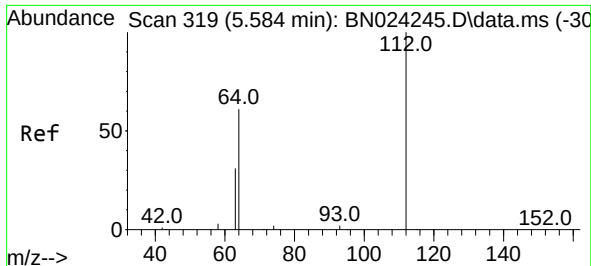
Tgt Ion:152 Resp: 9025
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 61.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.895 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024369.D
 Acq: 18 Mar 2023 07:05

Tgt Ion: 88 Resp: 28430
 Ion Ratio Lower Upper
 88 100
 43 42.4 29.0 43.4
 58 88.1 67.3 100.9

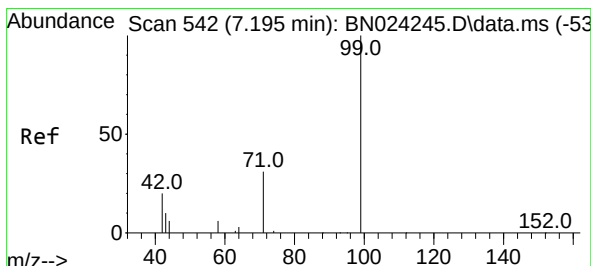
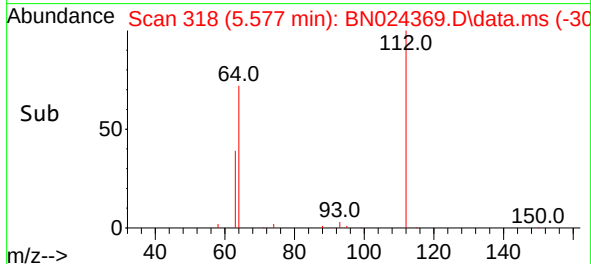
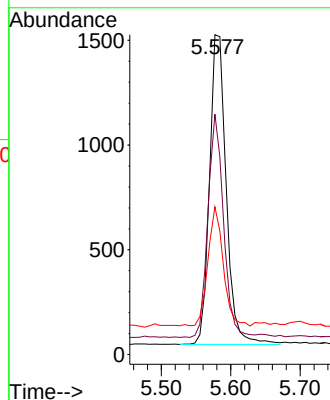
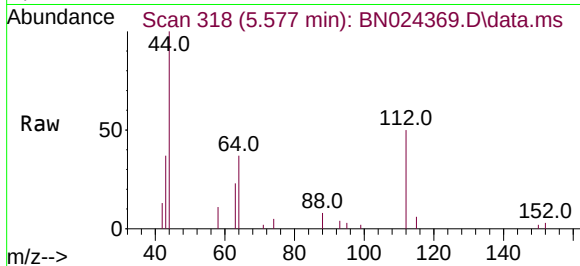




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

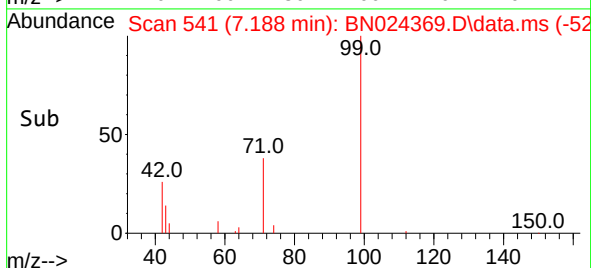
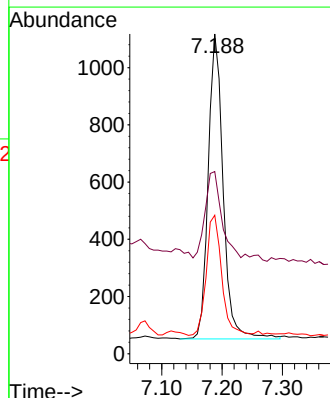
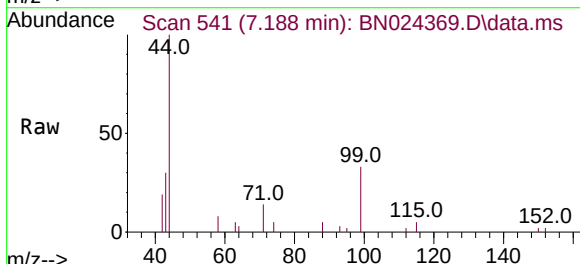
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ClientSampleId :
RE109D3-20230308

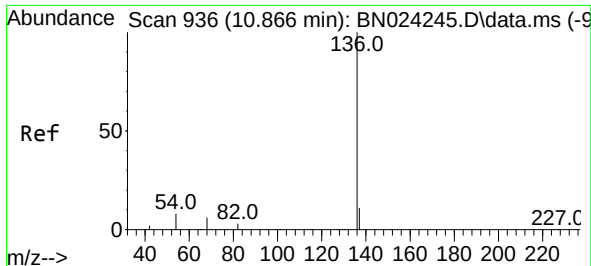
Tgt Ion:112 Resp: 2477
Ion Ratio Lower Upper
112 100
64 67.0 49.0 73.6
63 35.2 25.7 38.5



#5
Phenol-d6
Concen: 0.071 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion: 99 Resp: 1827
Ion Ratio Lower Upper
99 100
42 36.0 20.1 30.1#
71 40.8 25.8 38.8#

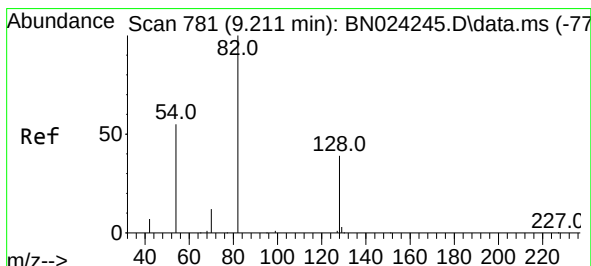
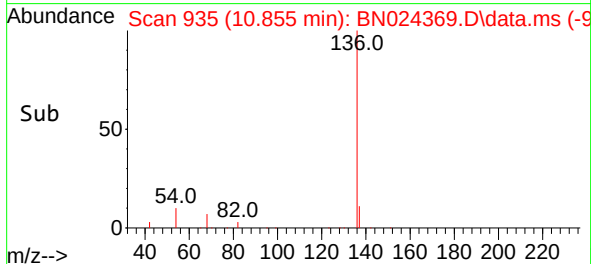
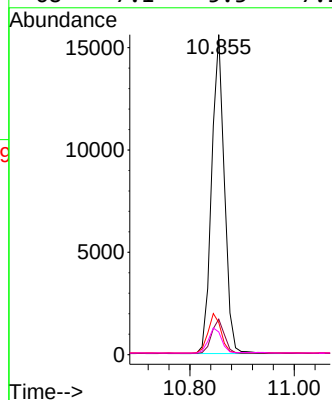
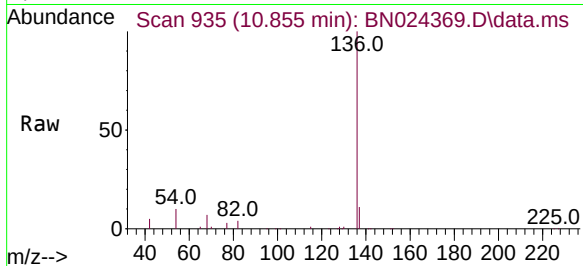




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

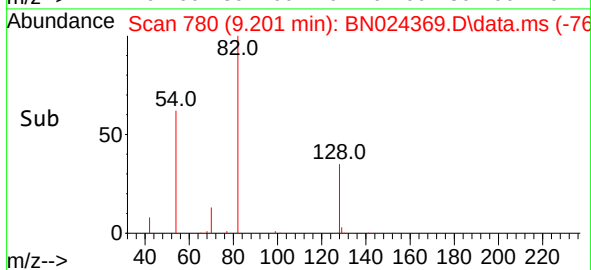
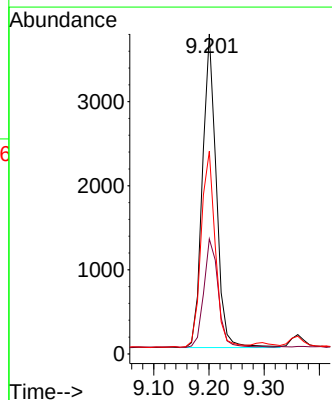
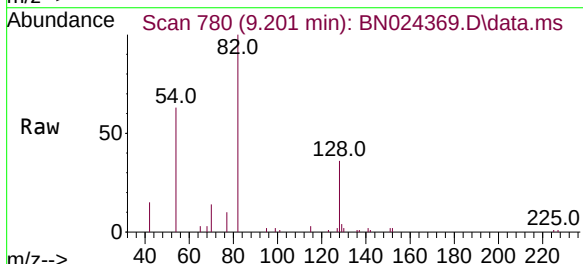
Instrument :
BNA_N
ClientSampleId :
RE109D3-20230308

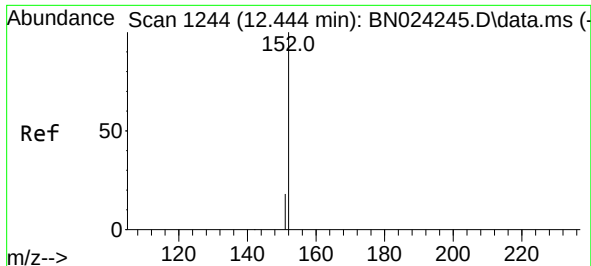
Tgt Ion:	136	Resp:	26494
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.1	7.1	10.7
68	7.1	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion:	82	Resp:	6469
Ion Ratio	Lower	Upper	
82	100		
128	35.9	32.4	48.6
54	63.3	45.2	67.8

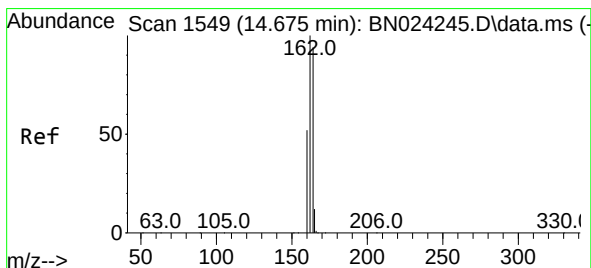
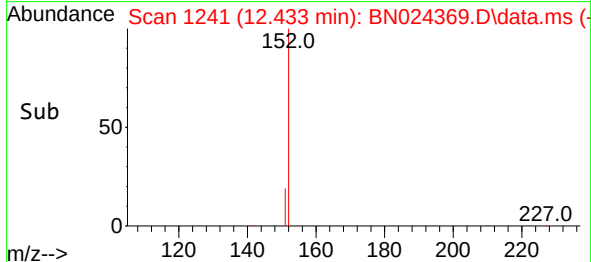
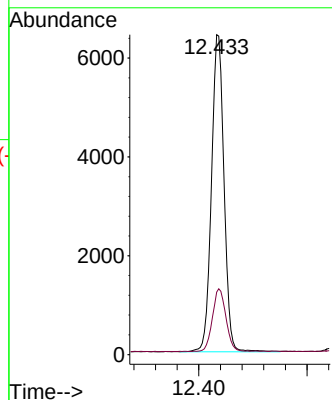
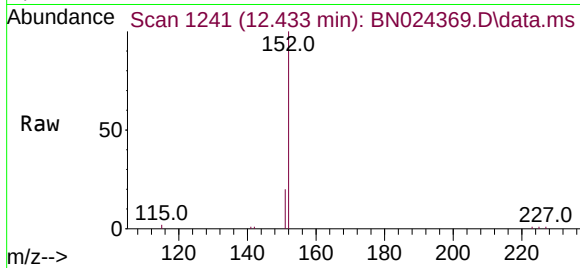




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

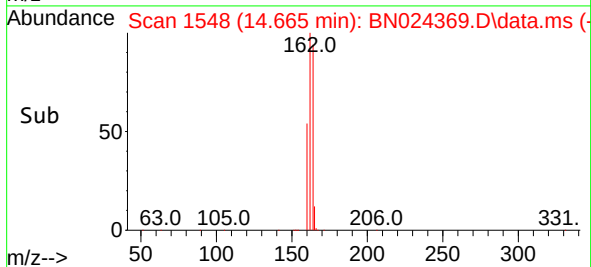
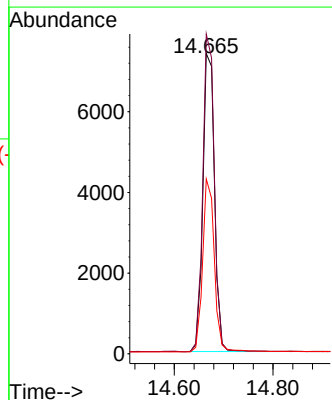
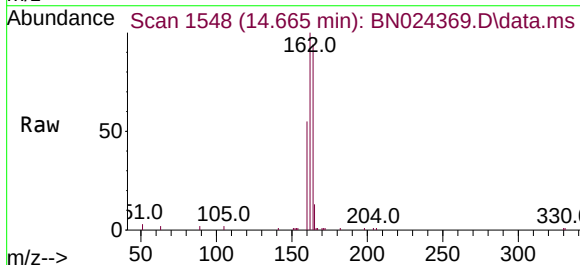
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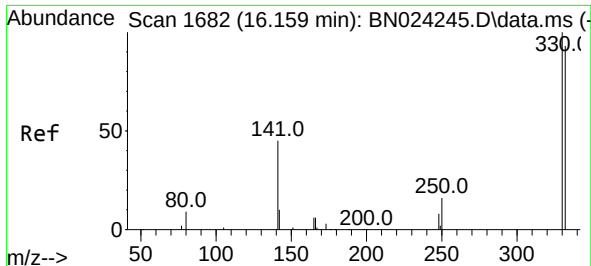
Tgt Ion:152 Resp: 10309
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion:164 Resp: 12106
Ion Ratio Lower Upper
164 100
162 106.5 84.7 127.1
160 58.2 44.6 66.8

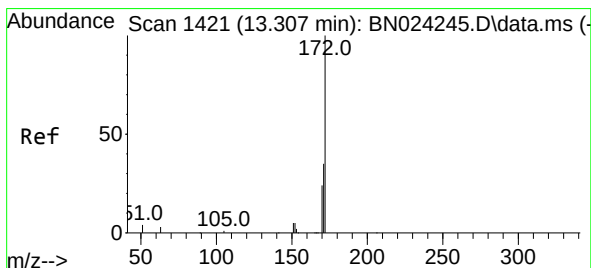
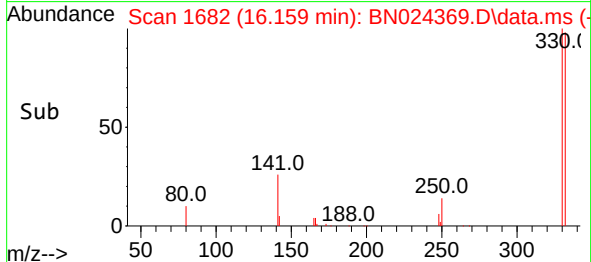
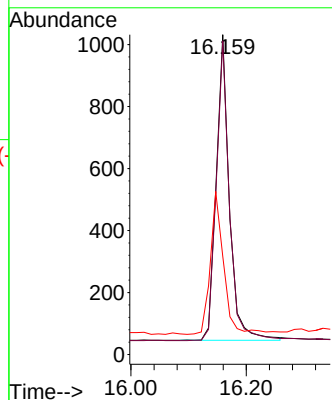
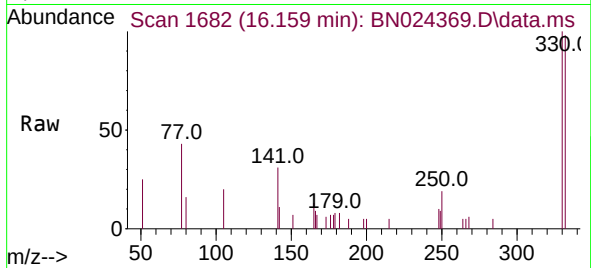




#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024369.D
 Acq: 18 Mar 2023 07:05

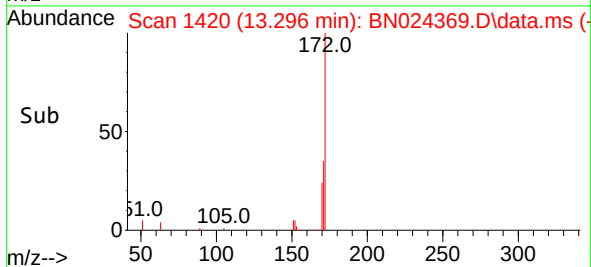
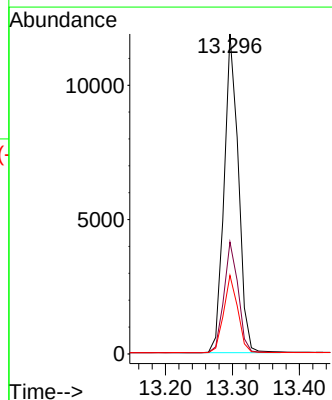
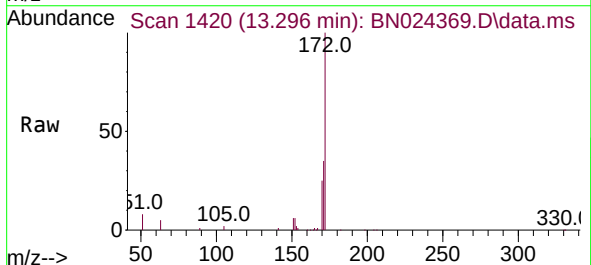
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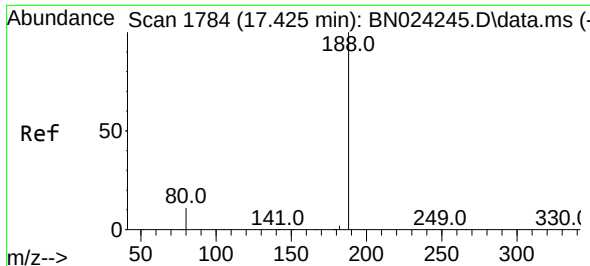
Tgt Ion: 330 Resp: 1565
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.0 117.0
 141 48.4 30.8 46.2#



#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 13.296 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: BN024369.D
 Acq: 18 Mar 2023 07:05

Tgt Ion: 172 Resp: 17578
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 24.5 19.0 28.6

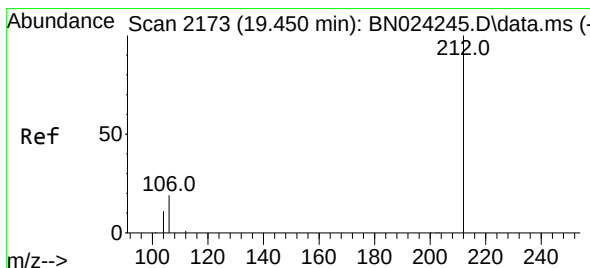
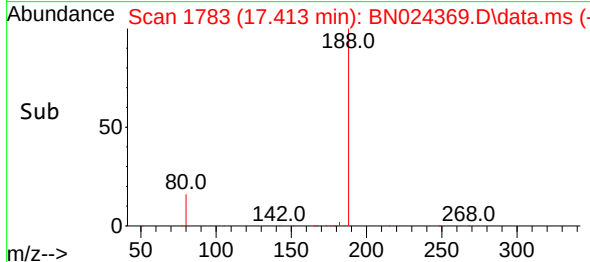
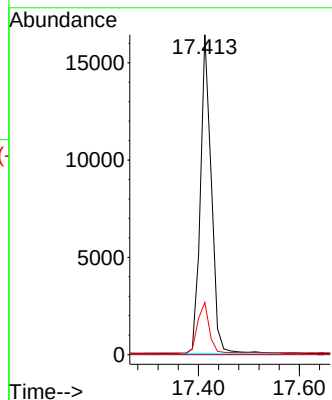
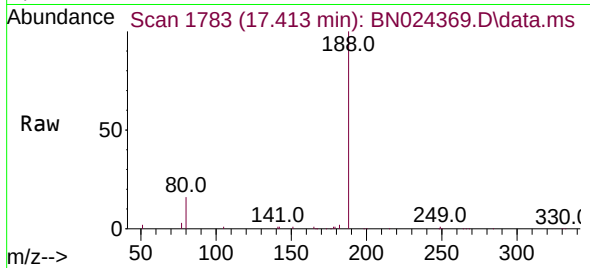




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

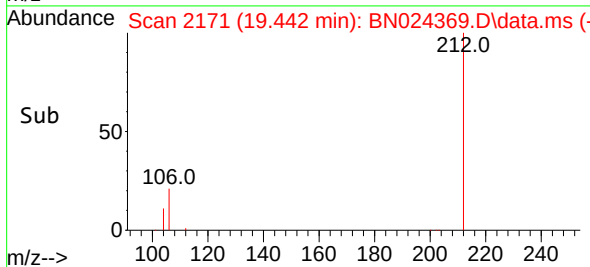
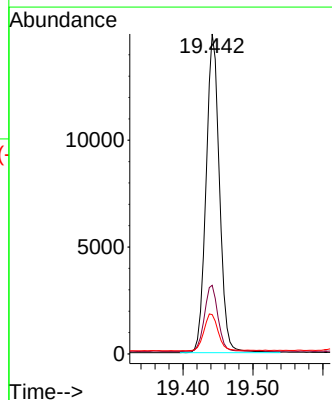
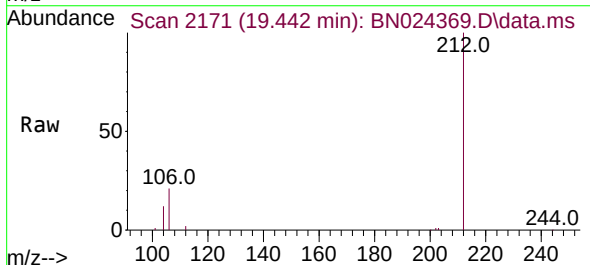
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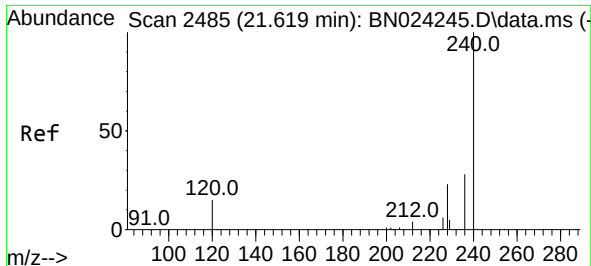
Tgt Ion:188 Resp: 24554
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 8.9 13.3#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion:212 Resp: 19827
Ion Ratio Lower Upper
212 100
106 21.0 15.4 23.2
104 12.1 8.6 13.0

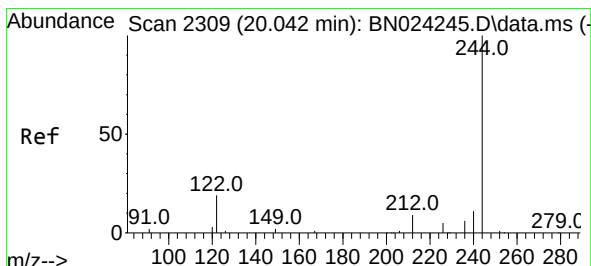
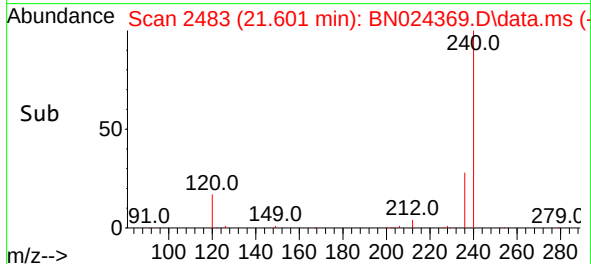
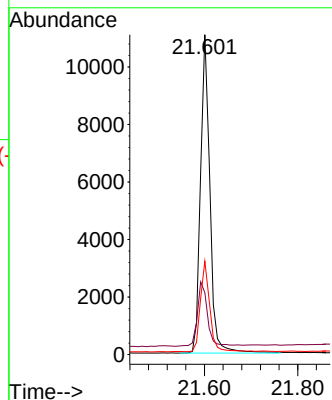
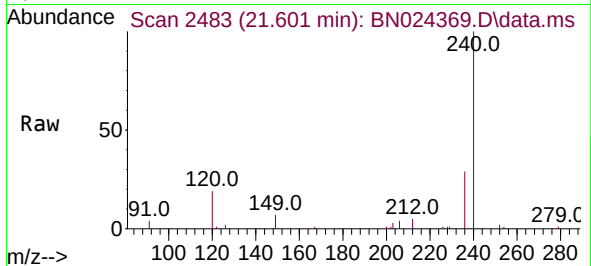




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

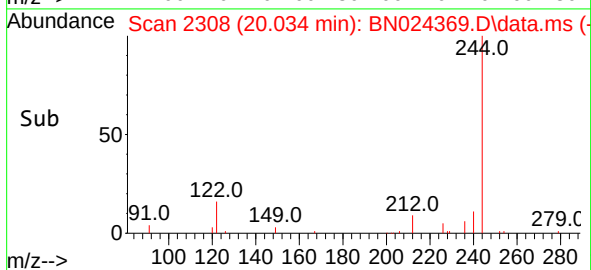
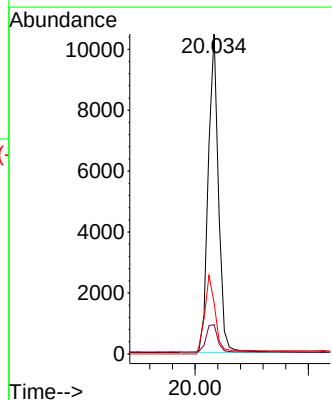
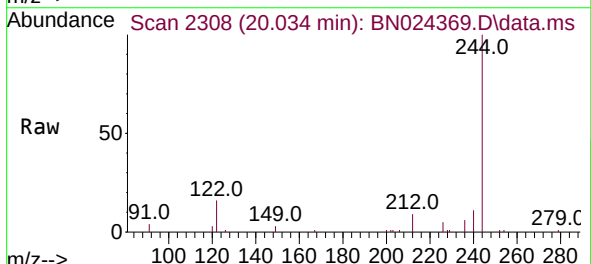
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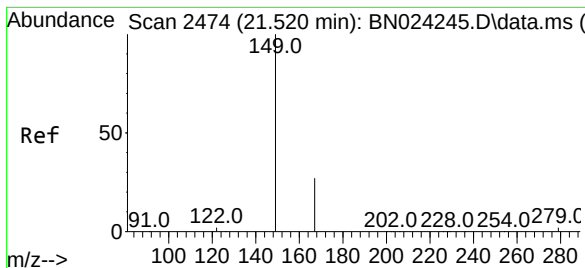
Tgt Ion:240 Resp: 15349
Ion Ratio Lower Upper
240 100
120 19.4 12.8 19.2#
236 29.2 22.5 33.7



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion:244 Resp: 10729
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 15.9 15.1 22.7

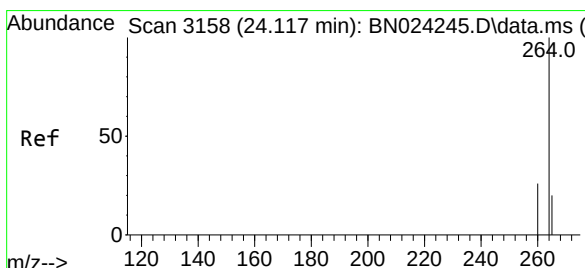
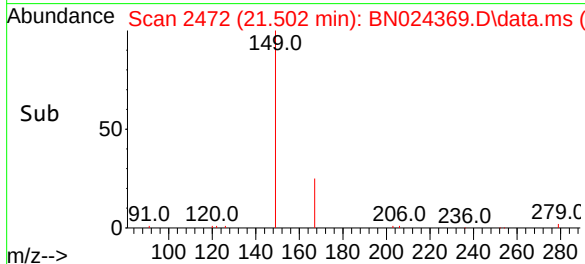
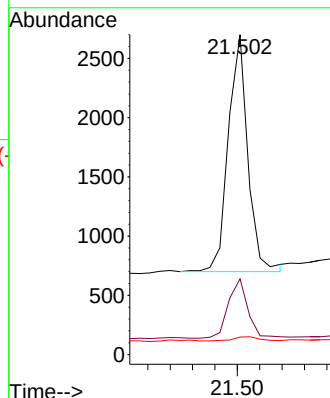
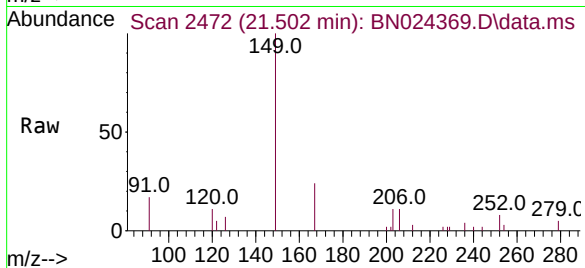




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.502 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Instrument :
BNA_N
ClientSampleId :
RE109D3-20230308

Tgt Ion:149 Resp: 2427
Ion Ratio Lower Upper
149 100
167 25.3 21.2 31.8
279 2.4 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.094 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BN024369.D
Acq: 18 Mar 2023 07:05

Tgt Ion:264 Resp: 11072
Ion Ratio Lower Upper
264 100
260 27.6 21.4 32.2
265 66.9 35.7 53.5#

