

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021389.D
 Acq On : 26 Aug 2022 17:36
 Operator : CG/JU
 Sample : N4245-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20220817

Quant Time: Aug 26 23:42:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

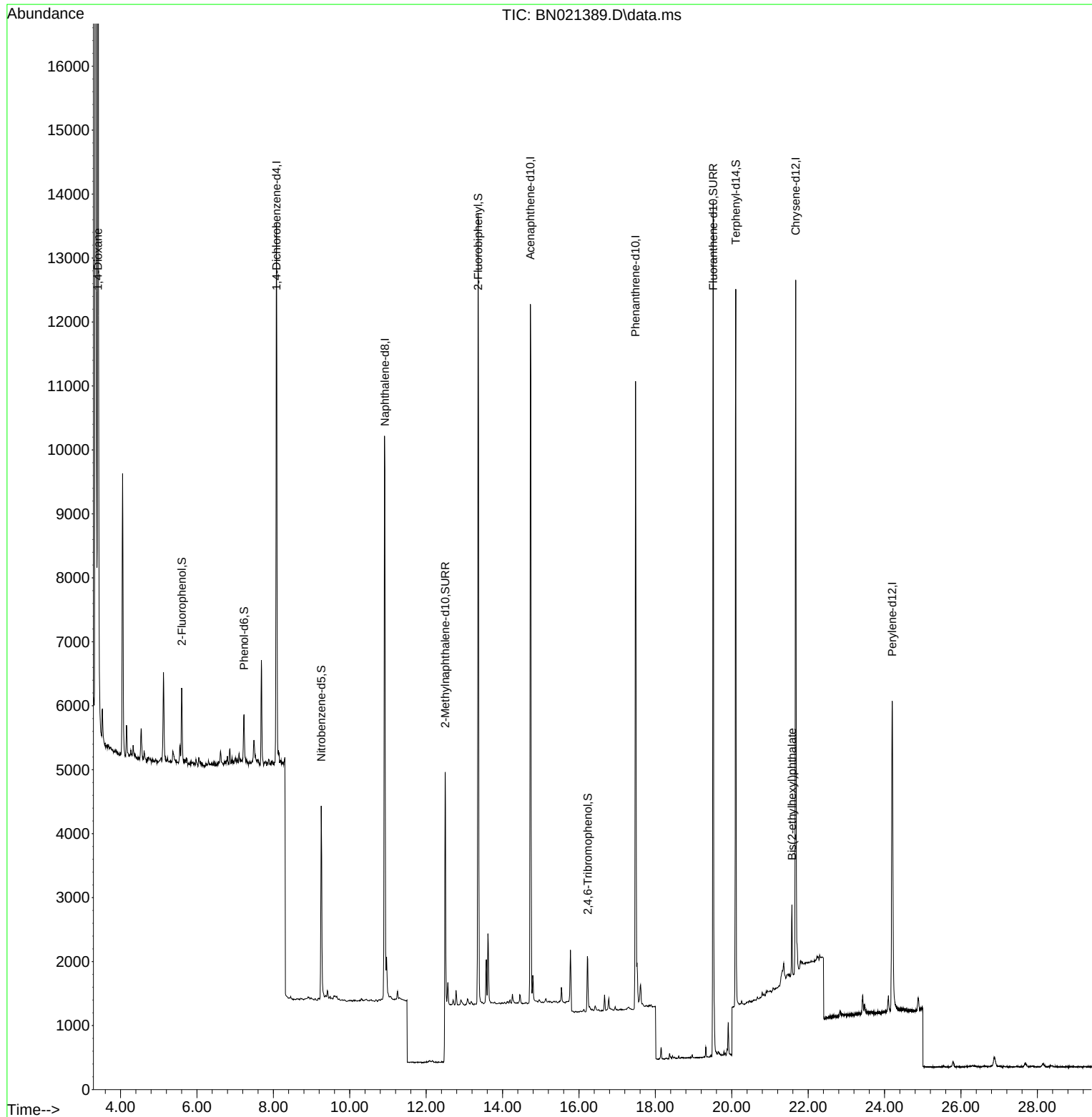
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4164	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	12622	0.400	ng	# 0.01
13) Acenaphthene-d10	14.728	164	6691	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	13761	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	10065	0.400	ng	# 0.00
35) Perylene-d12	24.200	264	7968	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	1069	0.095	ng	0.00
5) Phenol-d6	7.231	99	803	0.057	ng	0.00
8) Nitrobenzene-d5	9.254	82	2667	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	8308	0.390	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	578	0.189	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	10876	0.363	ng	0.00
27) Fluoranthene-d10	19.514	212	14580	0.355	ng	0.00
31) Terphenyl-d14	20.106	244	10208	0.480	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	16781	2.905	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.574	149	1090	0.059	ng	99

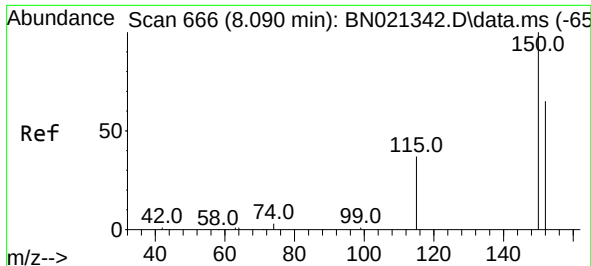
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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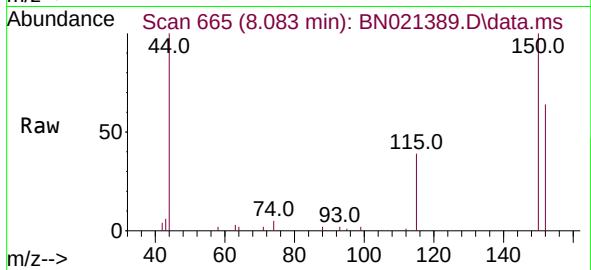
Quant Time: Aug 26 23:42:15 2022
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QLast Update : Fri Aug 26 23:37:03 2022
Response via : Initial Calibration



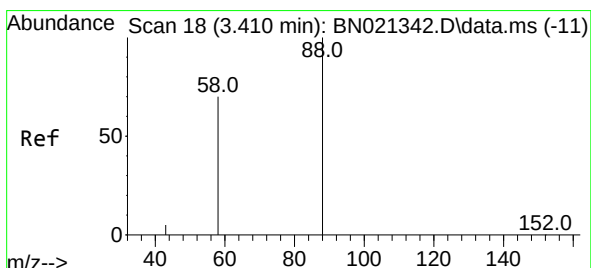
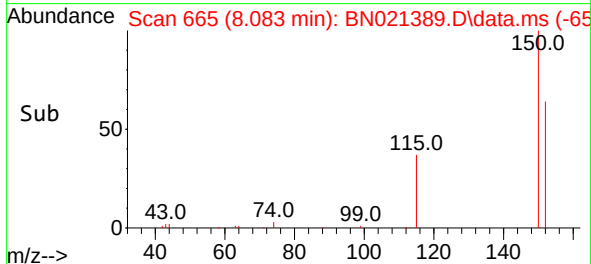
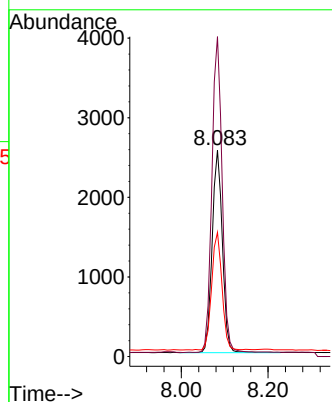


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN021389.D
 Acq: 26 Aug 2022 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20220817

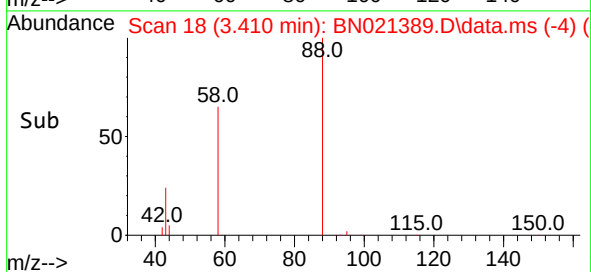
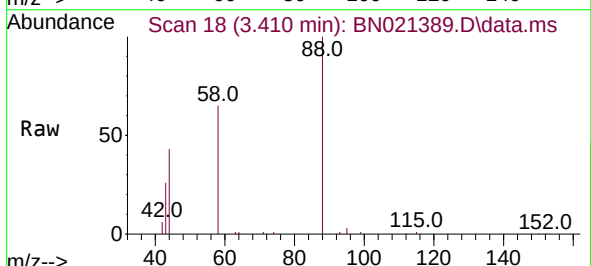
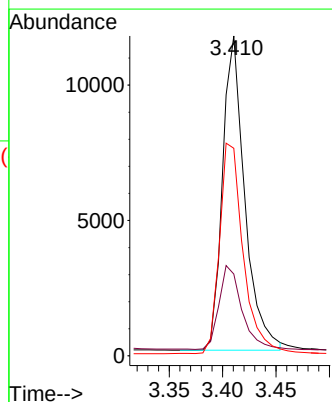


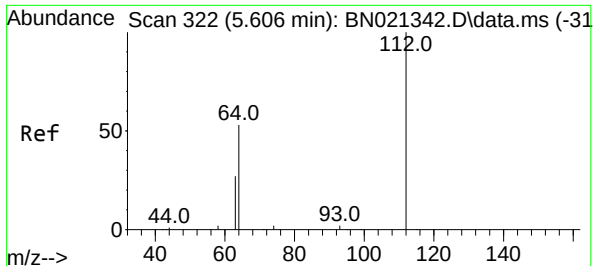
Tgt Ion:152 Resp: 4164
 Ion Ratio Lower Upper
 152 100
 150 154.9 121.4 182.0
 115 60.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.905 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021389.D
 Acq: 26 Aug 2022 17:36

Tgt Ion: 88 Resp: 16781
 Ion Ratio Lower Upper
 88 100
 43 27.3 35.8 53.8#
 58 71.3 57.1 85.7

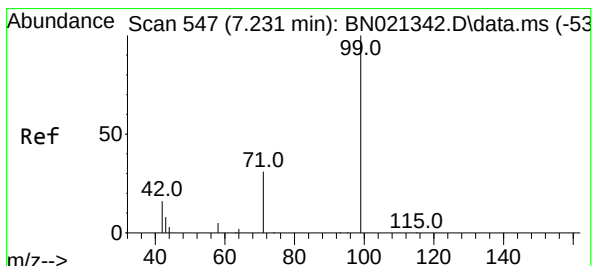
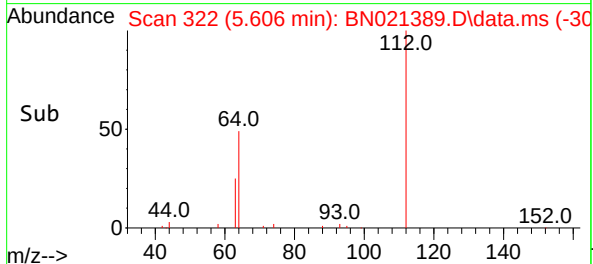
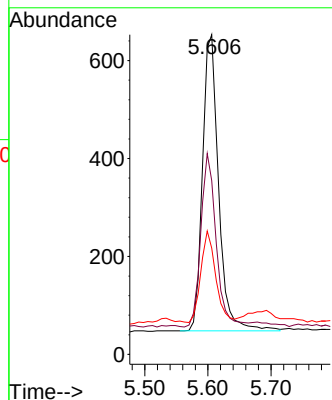
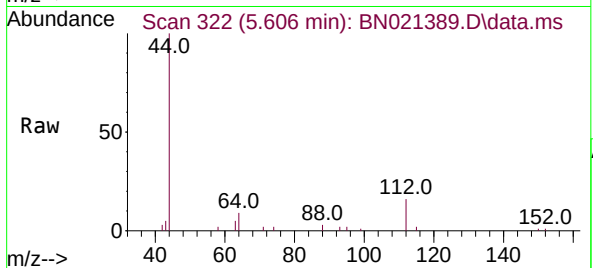




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

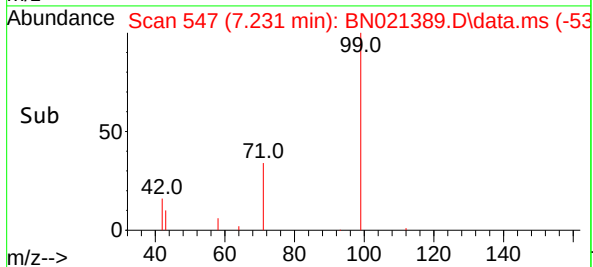
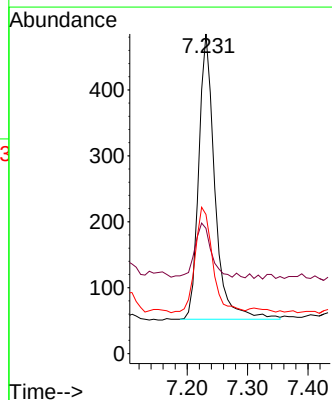
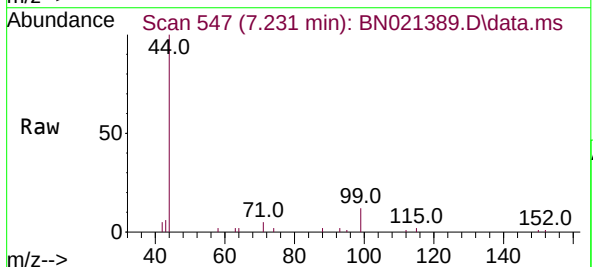
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220817

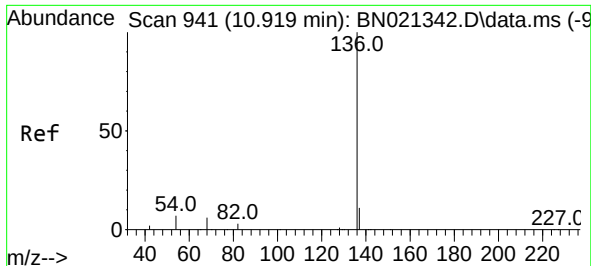
Tgt Ion:	112	Resp:	1069
Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.5	65.3
63	28.2	22.6	34.0



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.231 min Scan# 547
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Tgt Ion:	99	Resp:	803
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.5	23.3
71	40.3	24.2	36.2

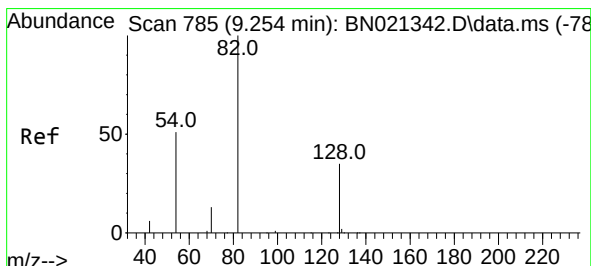
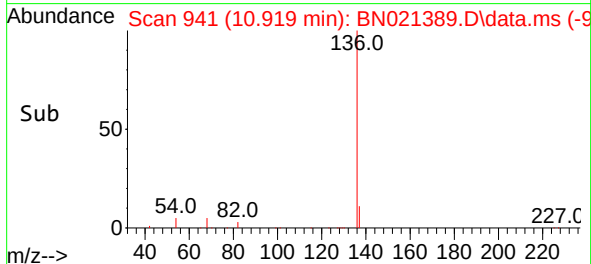
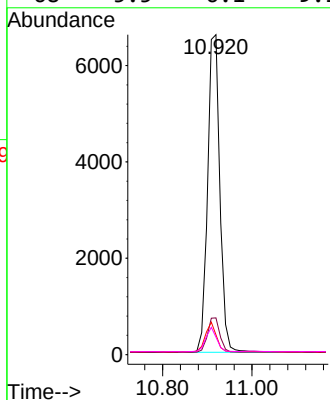
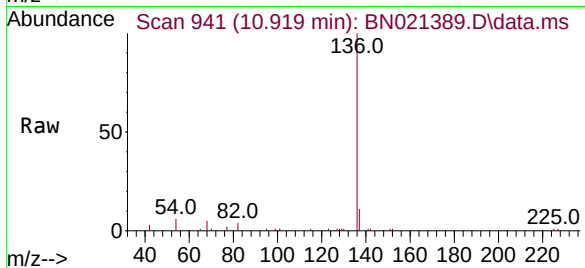




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.010 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

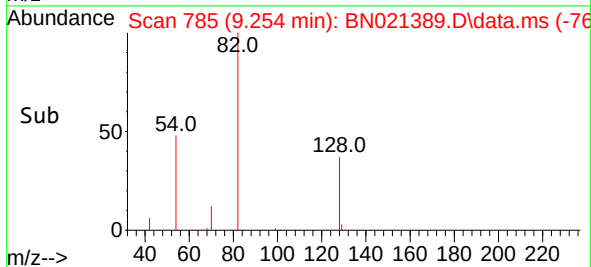
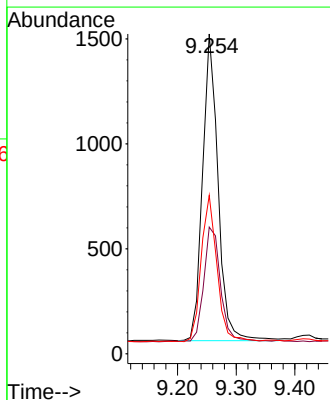
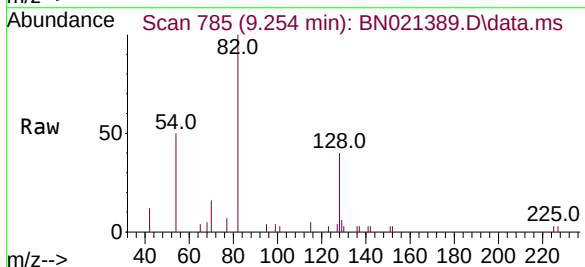
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220817

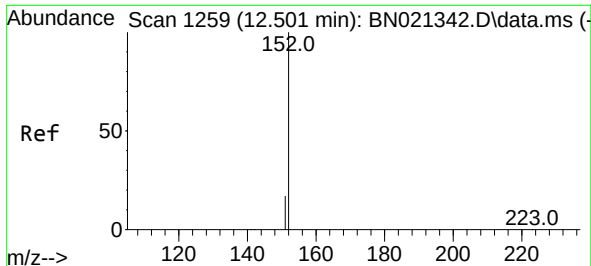
Tgt Ion:	136	Resp:	12622
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	6.2	6.9	10.3
68	5.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Tgt Ion:	82	Resp:	2667
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.9	46.3
54	49.5	42.7	64.1

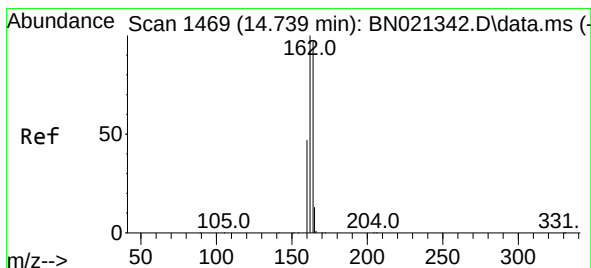
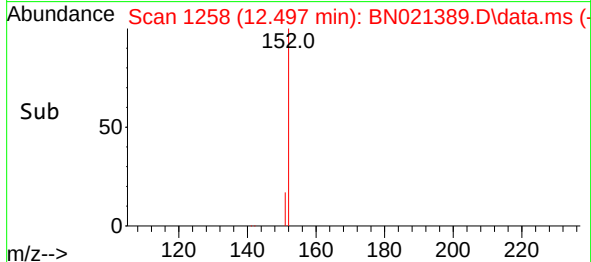
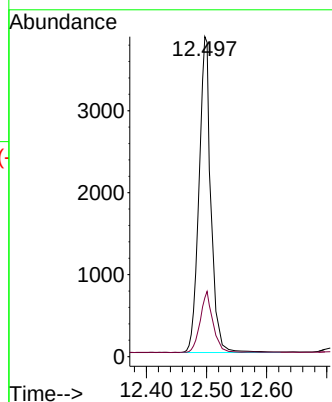
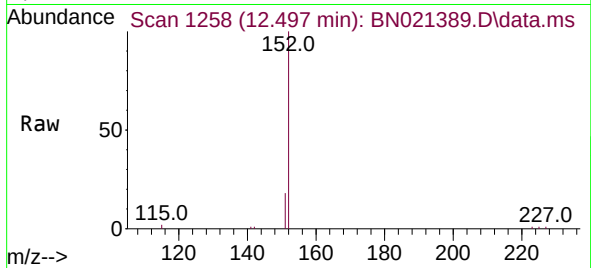




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.497 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

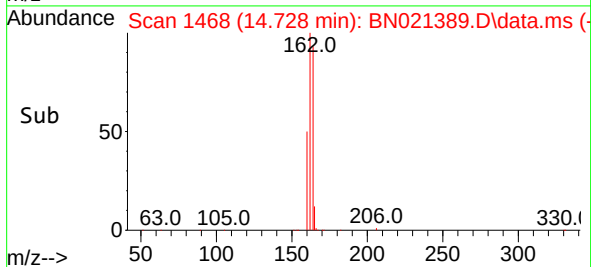
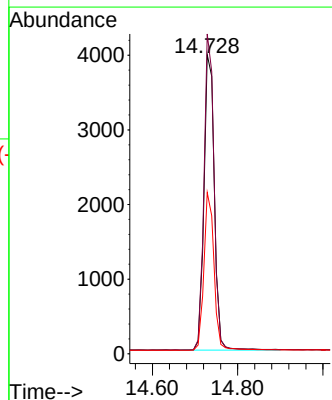
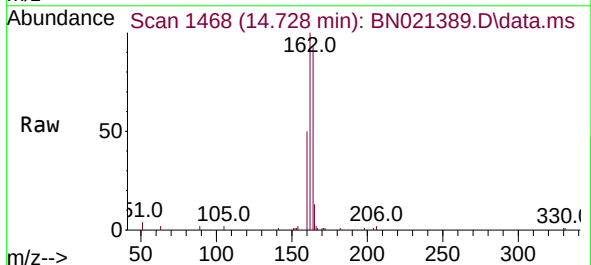
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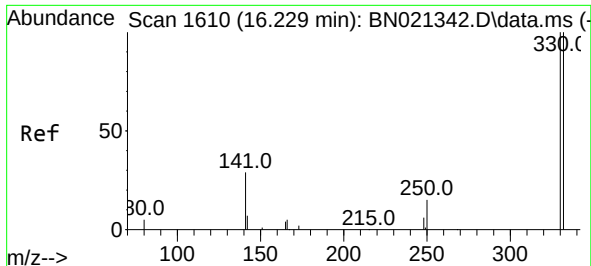
Tgt Ion:152 Resp: 8308
Ion Ratio Lower Upper
152 100
151 17.6 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

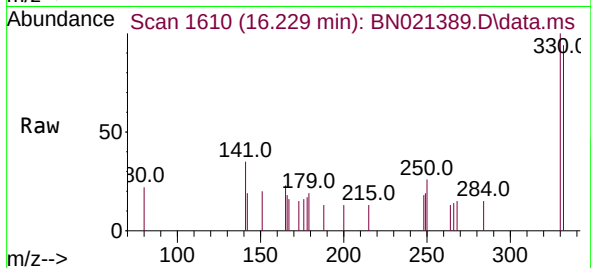
Tgt Ion:164 Resp: 6691
Ion Ratio Lower Upper
164 100
162 107.0 82.2 123.4
160 54.0 39.5 59.3





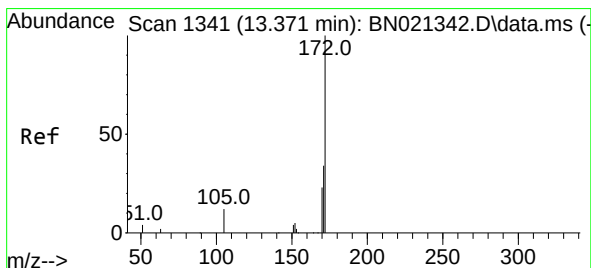
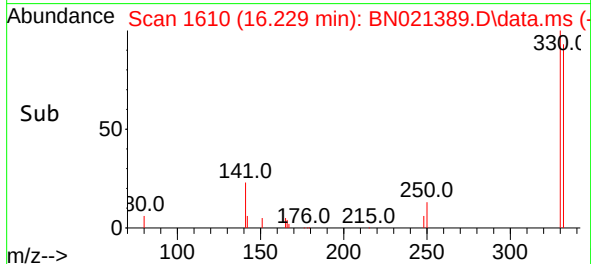
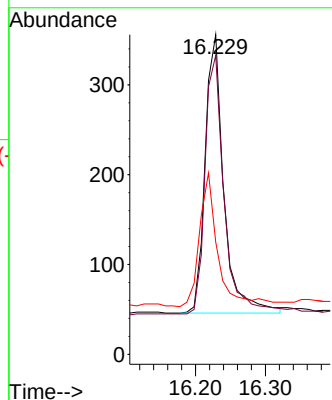
#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 16.229 min Scan# 1610
 Delta R.T. 0.010 min
 Lab File: BN021389.D
 Acq: 26 Aug 2022 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20220817



Tgt Ion:330 Resp: 578

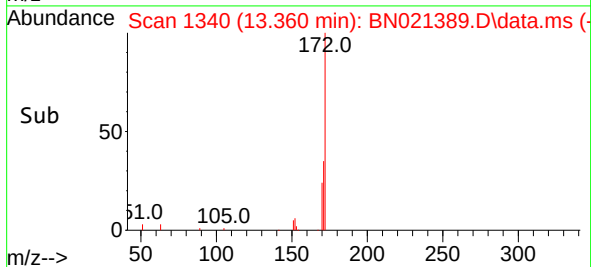
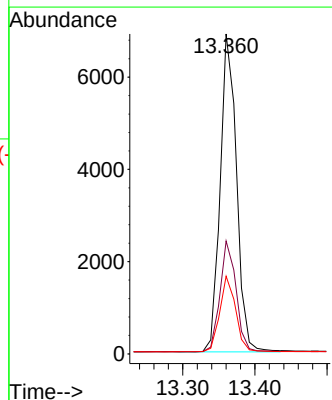
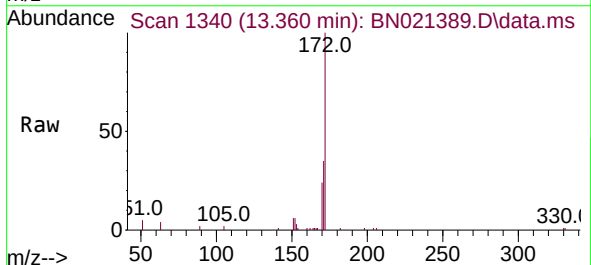
Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.3	118.9
141	48.1	37.1	55.7

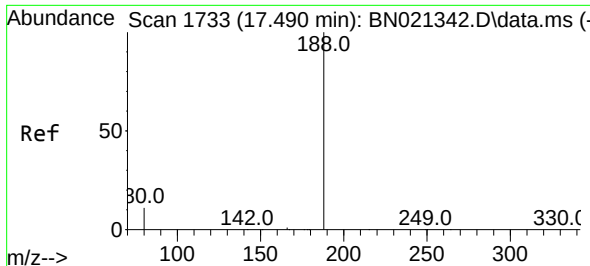


#15
 2-Fluorobiphenyl
 Concen: 0.363 ng
 RT: 13.360 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: BN021389.D
 Acq: 26 Aug 2022 17:36

Tgt Ion:172 Resp: 10876

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	24.3	18.6	28.0

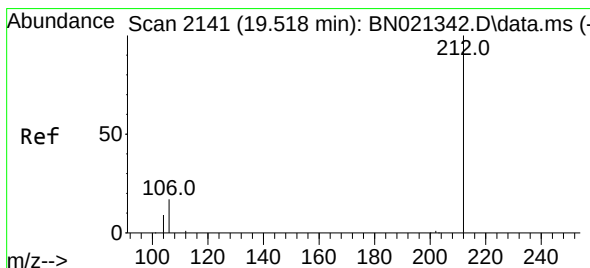
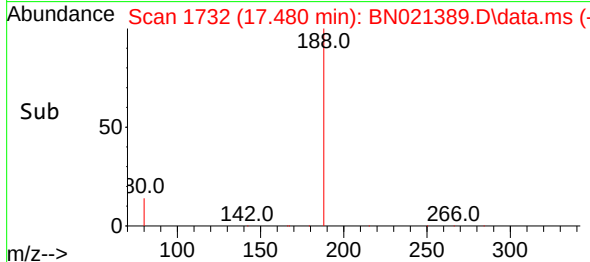
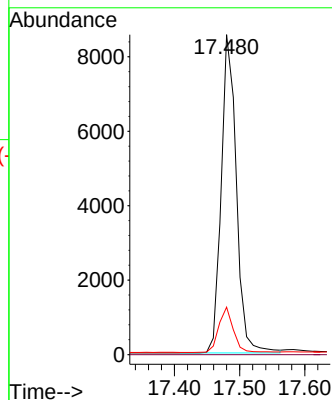
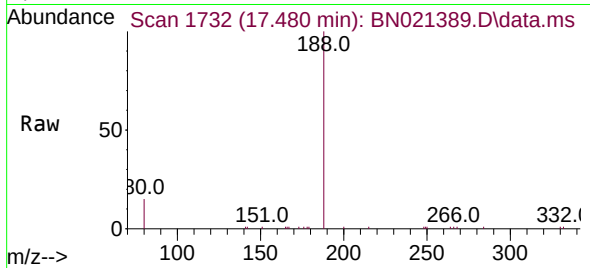




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

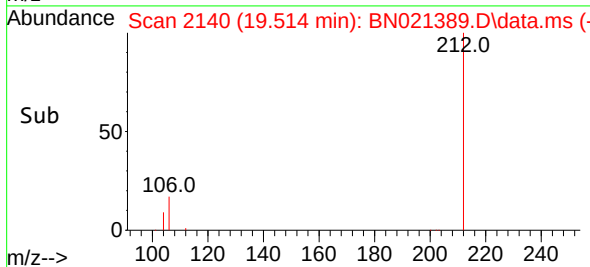
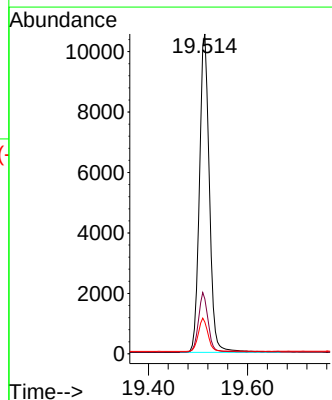
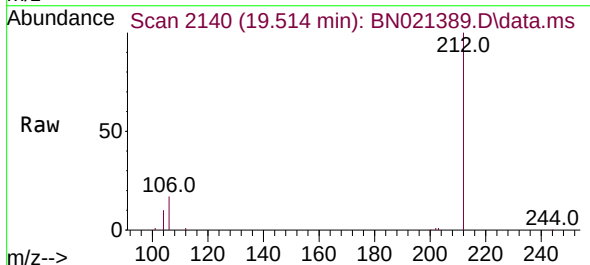
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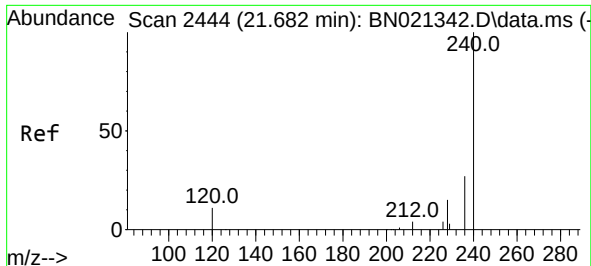
Tgt Ion:188 Resp: 13761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 9.5 14.3#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Tgt Ion:212 Resp: 14580
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.1 7.8 11.6

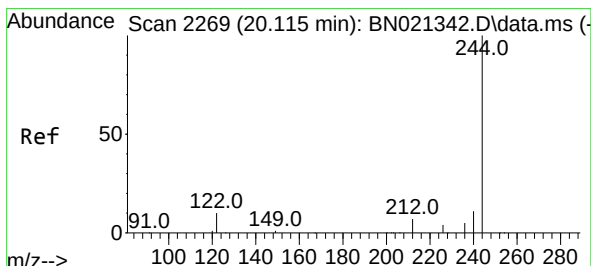
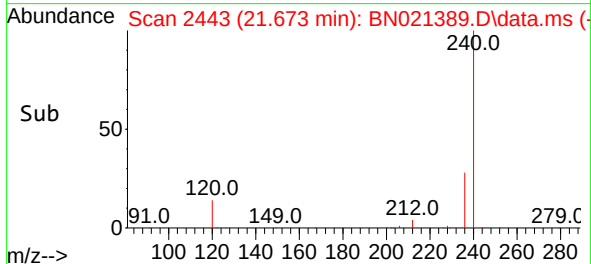
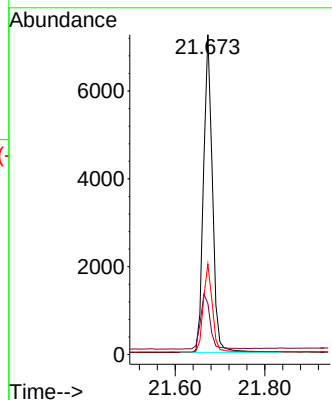
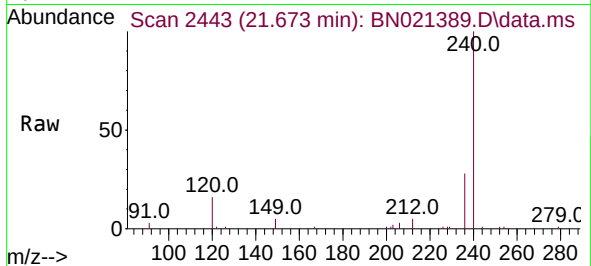




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

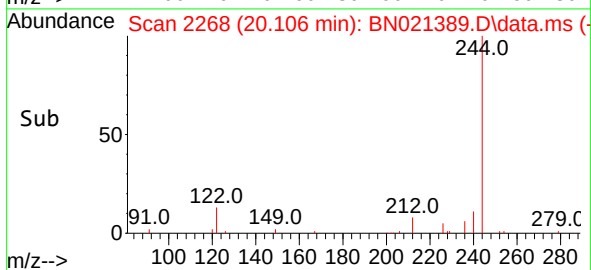
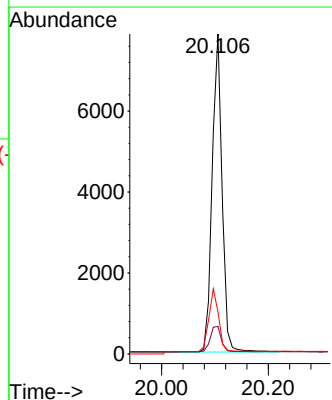
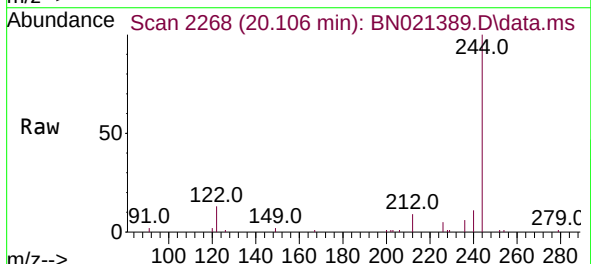
Instrument :
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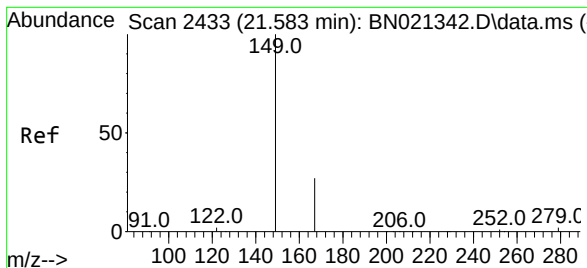
Tgt Ion:240 Resp: 10065
Ion Ratio Lower Upper
240 100
120 16.0 10.2 15.4#
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.480 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Tgt Ion:244 Resp: 10208
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 13.1 9.1 13.7

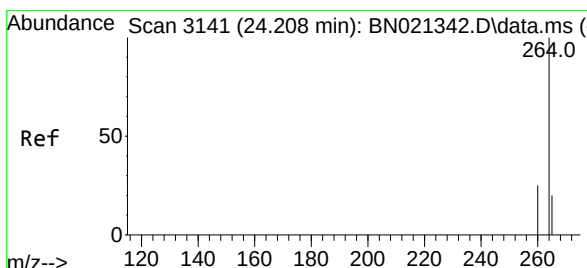
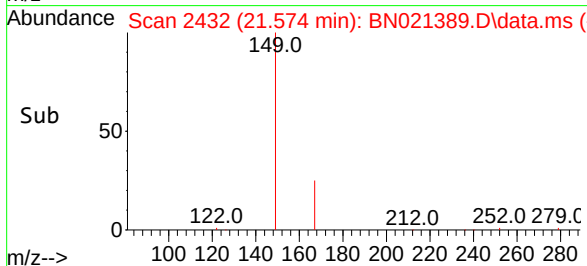
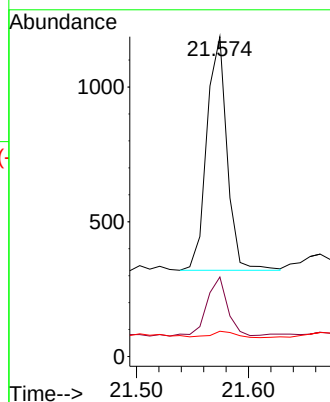
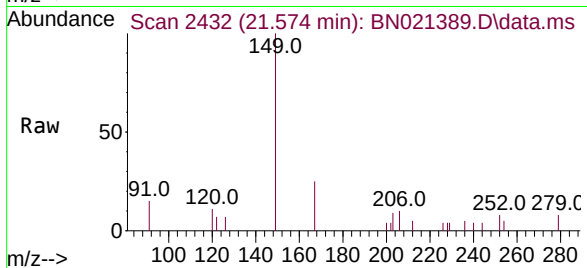




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.574 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Instrument :
BNA_N
ClientSampleId :
RE109D3-20220817

Tgt Ion:149 Resp: 1090
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 3.2 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.200 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BN021389.D
Acq: 26 Aug 2022 17:36

Tgt Ion:264 Resp: 7968
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 38.8 32.2 48.2

